Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

Criterion 1- Curricular Aspects

1.1- Curricular Planning And Implementation

1.1.1

PDEA College of Architecture Akurdi, Pune-44

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Criterion 1- Curricular Aspects

Key Indicator - 1.1.1 Curricular Planning And Implementation

1.1.1. The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process Including Academic Calender And Conduct Of Continuous Internal Assessment.

Sr. No.	Content (Document)	
A.	**Description**	
B.	**Academic calenders- (AY- 2021-2022 to 2017-2018)**	
1.	• University Calendar Circular • University Holidays Circular • PDEA COA- Institute calendar	A.Y.-2021-2022
2.		A.Y.-2020-2021
3.		A.Y.-2019-2020
4.		A.Y.-2018-2019
5.		A.Y.-2017-2018
C.	**Savitribai Phule Pune University- B. Arch Program Syllabus details (AY- 2021-22 to 2017-2018)**	
1.	• Syllabus Implementation letter	2019 Pattern
2.	• Syllabus Course Structure • Syllabus Course details • Equivalence details	2015 Pattern
D.	**Institute Time table and Teaching Load details**	
1.	• Time Table • Teachers Teaching Load	A.Y.-2021-2022
2.		A.Y.-2020-2021
3.		A.Y.-2019-2020
4.		A.Y.-2018-2019
5.		A.Y.-2017-2018
E.	**Teaching Plan –Samples (AY- 2021-22 to 2017-2018)**	
F.	**Savitribai Phule Pune University- B. Arch Program Exam Time-Table (AY- 2021-22 to 2017-2018)**	
G.	**Academic Meeting Notices (AY- 2021-22 to 2017-2018)**	

PDEA College of Architecture Akurdi

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

A. Description

PDEA College of Architecture

1.1.1. The institution ensures effective curriculum planning and delivery through a well-planned and documented process

Pune District Education Association's College of Architecture, Akurdi, Pune, is affiliated to Savitribai Phule Pune University, Pune, and follows the curriculum developed and approved by the affiliated university. Presently, the curriculum is prepared on a semester pattern to ensure effective delivery. Before the beginning of each academic year, the Principal conducts a meeting with the all faculty members to develop and formulate strategies for effective curriculum planning and delivery. The Academic Co-ordinator and Class Coordinators then prepare the academic calendar, schedule, and distribution subjects to faculty. Effective curriculum implementation is ensured.

- **Academic Calendar**

The academic calendar is prepared with reference to the SPPU University Calendar. Co-curricular and extra-curricular activities are planned according to it. Each year, various social activities are organised to be included in the academic calendar. The calendar also includes exams and internal evaluation activities.

- **Teaching Load Distribution**

The HOD and Academic Co-ordinator review the courses and teaching load which is to be distributed to faculty members according to their specific specialization in masters degree and experience. Academic Monitoring Committee (AMC) members, senior faculty members, and faculty members discuss about preparation of all subjects & teaching material to ensure a smooth academic process throughout the term.

- **Teaching Plan**

The faculty members create lesson plans for the semester that takes university-notified holidays into account. The Academic Monitoring Committee (AMC) examines and approves the lesson plans for each course. Teaching plans are reviewed during mid and at the end of semester, to ensure compliance. By developing and putting into place regulations for the teaching and learning process, the institution uses a student-centric teaching style. Project-based learning places a strong emphasis on inquiry and investigation for critical thinking. Through practical and hands-on learning techniques, teachers try to develop a sense of creativity, a scientific mindset, and a research attitude in their students. The programme ensures an Integrated approach to presenting the material of multiple courses. Irrespective of academic teaching, workshops, seminars, and guest lectures are conducted.

PDEA College of Architecture

- **Time Table**

Time table is prepared by Timetable co-ordinator under the guidance of HOD & Academic Co-ordinator and the same is approved by the Principal and conveyed to faculty members and displayed on respective notice boards for students.

- **Students Evaluation**

To attain academic excellence, the institute has established a system called Continuous Internal Assesment (CIA). The internal assessment process is open and comprehensive, covering all areas of learning. The institute has an examination grievance procedure to handle student complaints quickly and effectively. Student's achievement of learning objectives is assessed using internal assessment methods, end-of-semester evaluations, and input from stakeholders. Teacher's mentor students and guide them to improve their overall performance in academics.

- **Notice of events**

Events planned and carried out by the institute are informed to students through notice on notice boards and messages on WhatsApp groups of respective year and also through institute website.

PDEA College of Architecture Akurdi, Pune-44

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The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

B)ACADEMIC CALENDARS- (A.Y.-2021-2022)

1. AY- 2021-2022

- **University Calendar Circular**
- **University Holidays Circular**
- **PDEA COA-Institute Calendar**

PDEA College of Architecture Akurdi, Pune-44

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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 278 of 2021

Revised Dates of Commencement and Conclusion of Engineering, Architecture and Pharmacy for the Academic Year 2021-2022
For Affiliated Colleges/Recognised Institutes

It is hereby informed that, the revised dates of commencement and conclusion of the Courses, under the faculty of Engineering, Architecture and Pharmacy for the academic year 2021-22 shall be as under :

Name of the Faculty	Name of the Courses	Year	Revised 2021 - 2022			
			First Term		Second Term	
			Commencement	Conclusion	Commencement	Conclusion
Science & Technology	Engineering	TE, BE	02/08/2021	30/11/2021	03/01/2022	26/04/2022
	B.Architecture	III, IV & V	15/06/2021	04/12/2021	03/01/2022	30/04/2022
		II	20/08/20201	10/12/2021	03/01/2022	30/04/2022
	B. Pharmacy	III & IV	17/08/2021	18/12/2021	03/01/2022	10/05/2022
		II	23/08/2021	18/12/2021	03/01/2022	10/05/2022
	M. Pharmacy	II	23/08/2021	18/12/2021	03/01/2022	15/05/2022

NOTE

1. **All Programmes shall be conducted in Online Mode until further notice.**
2. **In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra from time to time.**

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGE/ 3578
Date: 29/09/2021

Copy to:
The Heads of all University Departments, Savitribai Phule Pune University, Pune.
The Principals of all Affiliated Colleges, Savitribai Phule Pune University, Pune.
The Directors of all Recognized Institutes, Savitribai Phule Pune University, Pune.

Copy to: for information
The Members of the Management Council, Savitribai Phule Pune University, Pune.
The Registrar, Savitribai Phule Pune University, Pune.
The Deans of Faculties, Savitribai Phule Pune University, Pune.

PDEA College of Architecture Akurdi, Pune-44

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Savitribai Phule Pune University
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Circular No. 92 of 2022

Important Notification

Revised Dates of Commencement and Conclusion of terms of U.G. / P.G. Courses for the Academic Year 2021-22 for Affiliated Colleges / Recognised Institutes.

1. The dates of commencement and conclusion of First Term and commencement of Second Term shall remain same as notified in the circular no. 134 of 2021 dated 14/05/2021 for UG/PG courses in the **faculties of Humanities, Commerce and Science.** The revised dates of conclusion of Second Term shall be **25/05/2022** for UG/PG courses in the **faculties of Humanities, Commerce and Science.** Commencement of academic year 2022-23 shall be **20/06/2022** for **Humanities, Commerce and Science faculties.**

2. The dates of commencement and conclusion of Affiliated Colleges / Recognised Institutes for the Academic year 2021-22 of all those courses whose admission was made under Common Entrance Test (CET) conducted by Government of Maharashtra shall be as under :

Sr. No.	Name of the Faculty	Name of the Courses	Year	2021 – 2022			
				First Term		Second Term	
				Commencement	Conclusion	Commencement	Conclusion
1	Commerce & Management	MBA	I	10/12/2021	18/04/2022	02/05/2022	16/08/2022
		MCA	I	10/12/2021	18/04/2022	02/05/2022	20/08/2022
		MCA	II, III	15/11/2021	03/03/2022	18/04/2022	06/08/2022
2	Science & Technology	B. Pharmacy	I	03/01/2022	30/03/2022	01/04/2022	15/06/2022
		M. Pharmacy	I	27/12/2021	30/03/2022	01/04/2022	15/06/2022
		Engineering	I	13/12/2021	06/04/2022	11/04/2022	30/07/2022
		Engineering	II	20/08/2021	11/12/2021	03/01/2022	15/05/2022
		B.Architecture	I	10/12/2021	25/03/2022	04/04/2022	23/07/2022
		M. Architecture	I	10/12/2021	31/03/2022	04/04/2022	23/07/2022
4	Inter-disciplinary Studies	Physical Education (M.P.Ed.)	I	10/01/2022	30/04/2022	02/05/2022	30/09/2022
		B. Ed. (Annual)	I	14/02/2022	--------		31/08/2022
		M. Ed.	I	10/01/2022	30/04/2022	02/05/2022	30/09/2022
		B. P. Ed.	I	14/02/2022	07/06/2022	08/06/2022	26/09/2022
		B. Lib. / M. Lib.	UG/PG	25/10/2021	21/02/2022	07/03/2022	25/06/2022
		M.A. (JMC)	I, II	11/10/2021	25/01/2022	01/02/2022	25/05/2022
		M.S.W.	PG	15/11/2021	11/03/2022	20/05/2022	30/09/2022
		M.F.A.	PG	25/10/2021	24/01/2022	03/02/2022	03/05/2022
		B.F.A.	UG	25/10/2021	21/02/2022	07/03/2022	25/06/2022

PDEA College of Architecture Akurdi, Pune-44

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NOTE :

1. The Principals and Teachers are requested to complete the theory and practical syllabus of current term of the academic year 2021-22 within stipulated period.
2. It is to be informed that circular issued by the University bearing no. **74 of 2022 dated 28.03.2022** stands cancelled.

Deputy Registrar
(P.G.Admission)

Ref. No.PGS/ 2344
Date : 30/04/2022.

Copy for favour of necessary action to :
1. The Principals of all Affiliated Colleges, Savitribai Phule Pune University, Pune.
2. The Directors of all Recognized Institutes, Savitribai Phule Pune University, Pune.

Copy for favour of information to :
1. The Members of the Management Council, Savitribai Phule Pune University, Pune.
2. The Registrar, Savitribai Phule Pune University, Pune.
3. The Deans of Faculties, Savitribai Phule Pune University, Pune.
4. The Director, Board of Examinations & Evaluation, Savitribai Phule Pune University, Pune.

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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 20 of 2021

It is hereby informed to all concerned that the University has declared following days as Public Holidays for the **University Departments/Affiliated Colleges and Recognized Institutes** for teaching faculty for the calendar year 2021.

Holidays

Sr. No.	Day of Holiday	Date	Day
1	Republic Day	26-01-2021	Tuesday
2	Chhatrapati Shivaji Maharaj Jayanti	19-02-2021	Friday
3	Mahashivratri	11-03-2021	Thursday
4	Holi (Second Day)	29-03-2021	Monday
5	Good Friday	02-04-2021	Friday
6	Gudhi Padwa	13-04-2021	Tuesday
7	Dr. Babasaheb Ambedkar Jayanti	14-04-2021	Wednesday
8	Ram Navami	21-04-2021	Wednesday
9	Maharashtra Din	01-05-2021	Saturday
10	Ramzan - Id (Id-Ul-Fitr)(Shawal-1)	13-05-2021	Thursday
11	Buddha Pournima	26-05-2021	Wednesday
12	Bakri - Id (Id-Uz-Zuha)	21-07-2021	Wednesday
13	Parsi New Year (Shahenshahi)	16-08-2021	Monday
14	Moharum	19-08-2021	Thursday
15	Ganesh Chaturthi	10-09-2021	Friday
16	Mahatma Gandhi Jayanti	02-10-2021	Saturday
17	Dasara	15-10-2021	Friday
18	Id-E-Milad	19-10-2021	Tuesday
19	Diwali Amavasaya (Laxmi Pujan)	04-11-2021	Thursday
20	Diwali (Bali Pratipada)	05-11-2021	Friday
21	Diwali (Bhaubeej)	06-11-2021	Saturday
22	Guru Nanak Jayanti	19-11-2021	Friday
23	Christmas	25-12-2021	Saturday

Note

In case, the Head/ Principal/Director of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

25/1/2021.
Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/368
Date: 20/01/2021

Copy to : for information & necessary action

The Members of the Management Council.
The Registrar, Savitribai Phule Pune University, Pune.
The Deans of Faculties.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

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Academic Calender 2020-2021

	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun
Jun-21				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
				Teaching week - 01					Yoga day	Teaching week - 02							Teaching week - 03							Teaching week - 04							Teaching week - 05						
							World Environment Day			ACD M						MM	UNIVERSITY EXAM-2021												MM									
Jul-21						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
						Teaching week -05		ACD M		Teaching week-06						MM	Teaching week - 07							Teaching week-08			Bakri-ID	Teaching week-08		MM	Teaching week-9						
Aug-21		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
			Teaching week - 10				ACD M			Teaching week - 11						MM	Independance day	Parsi New Year	Teaching week - 12		Moharum					Teaching week - 13					MM		Teaching week - 14					
Sep-21					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
				Teaching week - 14				ACD M			Rangoli Competiti	Teaching week - 15		Ganesh Chaturthi				Teaching week - 16							Teaching week - 17					MM	Teaching week - 18						
Oct-21							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
								Mahatma Gandhi		Dandiya festival	Teaching week - 19						Teaching week - 20				Dasara			Vaachan a	Ed-E-Milad	Teaching week - 21					MM	Teaching week - 22						
Nov-21			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
			Diwali holydays						Art festival	Teaching week - 23						MM	Swachhta Abhiyan		Teaching week - 24			Guru Nanak			Teaching week - 25					MM	Teaching week - 26						
Dec-21					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
					Teaching week - 26		GIS workshop			Teaching week - 27						MM	Teaching week - 28							Teaching week - 29					Chrostmas		Teaching week - 30						
Jan-22	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
			Teaching week - 01					Freshers Welcome		Teaching week - 02						MM	Teaching week - 03							Teaching week - 04		Republic Day	Teaching week - 4			MM							
Feb-22				1	2	3.	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
				Teaching week - 05				ACD M		Teaching week - 06						MM	Teaching week - 07				Farewell Yugantar	Shivaji Jayanti		Teaching week - 08					MM								
Mar-22				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
				Mahashivr atri	Teaching week - 09			ACD M		Teaching week - 10			INSEM EXAM				Teaching week - 11				Holi			UNIVERSITY EXAM-2022				's defence	MM	Teaching week - 13							
Apr-22							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
							ACD M	Gudhi Padwa		Teaching week - 14						MM	Ram Navmi	Teaching week - 15			Ambedkar Jayanti	Good Friday			Teaching week - 16					MM	Teaching week - 17						
May-22	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
			Teaching week - 18							Teaching w	UNIVERSITY EXAM-2022					MM	Teaching w	UNIVERSITY EXAM-2022							Teaching week - 21			Buddh Purnima	Teaching week -21	MM	Teaching week -22						

		WEEKEND		MM	MENTOR-MENTEE MEETING		ACD M		ACADEMIC MEETING			HOLIDAYS				ENVIRONMENTAL CELEB.			NM	NAAC MEETING			STUDY TOUR													
		TEACHING WEEK			PERENTS-TEACHER MEETING				WORKSHOPS			COLLEGE CELEBRATIONS				COLLEGE EVENTS			ARC	ANTI RAGGING MEETING			EXAM													

PDEA College of Architecture Akurdi, Pune 44

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

B)ACADEMIC CALENDARS- (A.Y.-2020-2021)

2. AY- 2020-2021

- **University Calendar Circular**
- **University Holidays Circular**

PDEA College of Architecture Akurdi, Pune-44

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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 284 of 2020

Important Notification

Dates of Commencement and Conclusion of Ist & IInd terms for the Academic Year 2020-2021
For affiliated Colleges/recognised Institutes Only.

It is hereby informed that, the dates of Commencement and conclusion of the Ist and IInd term of for the Academic Year 2020-2021 University Courses, under various faculties shall be as under :

Dates of Commencement and conclusion of First Year of academic session 2020-21 will be declared later.

Sr. No.	Name of the Courses and Faculties	2020-2021			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	**Science & Technology**				
	Science	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Engineering : SE,TE,BE	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Engineering :ME - II Year, MCA- II & III Year	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	B.Architecture II, III, IV & V Year.	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	M. Architecture II Year.	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	B. Pharmacy	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	M. Pharmacy	01/07/2020	24/12/2020	19/01/2021	31/05/2021
2	**Commerce & Management**				
	Commerce	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Management	01/07/2020	24/12/2020	19/01/2021	31/05/2021
3	**Humanities**				
	Arts & Fine Arts	15/06/2020	05/12/2020	01/01/2021	15/05/2021
	Mental Moral and Social Sciences				
	Law : UG & PG (II/III/IV/V Year.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021
4	**Inter-disciplinary Studies**				
	Education II Year. (B.Ed., M.Ed.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021
	Physical Education II Year. (B.P.Ed., M.P.Ed.)	01/07/2020	24/12/2020	19/01/2021	31/05/2021

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

NOTE

1. **In view of prevailing COVID-19 situation in the Country, Colleges / Institutes shall required to follow the guidelines / instructions issued by the Government of Maharashtra time to time.**
2. **In case, the Principal of the affiliated Colleges require to give additional holiday in exceptional circumstances, he may do by the compensating the same by keeping the College working on Sunday.**
3. **The Term & holidays for the Post-Graduate courses coundected in the Colleges/Institutes will be as per the University Department.**

16/10/2020.
Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1817
Date: 15/10/2020

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University

(Formerly University of Pune)

Circular No. 09 of 2020

It is hereby informed to all concerned that the University has declared following days as Public Holidays for the **University Departments/Affiliated Colleges and Recognized Institutes** for teaching faculty for the calendar year 2020.

Holidays

Sr. No.	Day of Holiday	Date	Day
1	Chattrapati Shivaji Maharaj Jayanti	19-02-2020	Wednesday
2	Mahashivratri	21-02-2020	Friday
3	Holi (Second Day)	10-03-2020	Tuesday
4	Gudipadwa	25-03-2020	Wednesday
5	Ram Navmi	02-04-2020	Thursday
6	Mahavir Jayanti	06-04-2020	Monday
7	Good Friday	10-04-2020	Friday
8	Dr. Babasaheb Ambedkar Jayanti	14-04-2020	Tuesday
9	Maharashtra Din	01-05-2020	Friday
10	Buddha Pournima	07-05-2020	Thursday
11	Ramzan Eid (Id-Ul-Fitr) (Shawal - 1)	25-05-2020	Monday
12	Bakri - Id (Id-Ul-Zuha)	01-08-2020	Saturday
13	Independence Day	15-08-2020	Saturday
14	Ganesh Chaturthi	22-08-2020	Saturday
15	Mahatma Gandhi Jayanti	02-10-2020	Friday
16	Id-E-Milad	30-10-2020	Friday
17	Diwali Amavasaya (Laxmi Pujan)	14-11-2020	Saturday
18	Diwali (Bali Pratipada)	16-11-2020	Monday
19	Gurunanak Jayanti	30-11-2020	Monday
20	Christmas	25-12-2020	Friday

Note

In case, the Head/ Principal/Director of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

29/1/2020.

Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/253
Date: 20/01/2020

Copy to : for information & necessary action

1. The Members of the Management Council.
2. The Deans of Faculties.
3. The Registrar, Savitribai Phule Pune University, Pune.
4. The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
5. The Heads of all University Departments.
6. The Principals of all Affiliated Colleges.
7. The Directors of all Recognized Institutes.
8. The Heads of all the Administrative Sections of the University Office.
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
10. Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 20 of 2021

It is hereby informed to all concerned that the University has declared following days as Public Holidays for the **University Departments/Affiliated Colleges and Recognized Institutes** for teaching faculty for the calendar year 2021.

Holidays

Sr. No.	Day of Holiday	Date	Day
1	Republic Day	26-01-2021	Tuesday
2	Chhatrapati Shivaji Maharaj Jayanti	19-02-2021	Friday
3	Mahashivratri	11-03-2021	Thursday
4	Holi (Second Day)	29-03-2021	Monday
5	Good Friday	02-04-2021	Friday
6	Gudhi Padwa	13-04-2021	Tuesday
7	Dr. Babasaheb Ambedkar Jayanti	14-04-2021	Wednesday
8	Ram Navami	21-04-2021	Wednesday
9	Maharashtra Din	01-05-2021	Saturday
10	Ramzan - Id (Id-Ul-Fitr)(Shawal-1)	13-05-2021	Thursday
11	Buddha Pournima	26-05-2021	Wednesday
12	Bakri - Id (Id-Uz-Zuha)	21-07-2021	Wednesday
13	Parsi New Year (Shahenshahi)	16-08-2021	Monday
14	Moharum	19-08-2021	Thursday
15	Ganesh Chaturthi	10-09-2021	Friday
16	Mahatma Gandhi Jayanti	02-10-2021	Saturday
17	Dasara	15-10-2021	Friday
18	Id-E-Milad	19-10-2021	Tuesday
19	Diwali Amavasaya (Laxmi Pujan)	04-11-2021	Thursday
20	Diwali (Bali Pratipada)	05-11-2021	Friday
21	Diwali (Bhaubeej)	06-11-2021	Saturday
22	Guru Nanak Jayanti	19-11-2021	Friday
23	Christmas	25-12-2021	Saturday

Note

In case, the Head/ Principal/Director of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

25/1/2021.
Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/368
Date: 20/01/2021

Copy to : for information & necessary action

The Members of the Management Council.
The Registrar, Savitribai Phule Pune University, Pune.
The Deans of Faculties.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

B)ACADEMIC CALENDARS- (A.Y.-2019-2020)

3. AY- 2019-2020

- **University Calendar Circular**
- **University Holidays Circular**

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 77 of 2019

Dates of Commencement and Conclusion of terms for the Academic Year 2019-2020
For affiliated Colleges/recognised Institutes Only.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2019-2020 shall be as under :

Sr. No.	Name of the Courses and Faculties	2019-2020			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	**Science & Technology**				
	Science	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2019	05/11/2019	16/12/2019	27/04/2020
	Engineering :ME - II Year.	01/07/2019	09/11/2019	13/01/2020	23/05/2020
	B.Architecture II, III, IV & V Year.	15/06/2019	16/10/2019	09/12/2019	04/04/2020
	M. Architecture II Year.	08/07/2019	02/11/2019	09/12/2019	04/04/2020
	B. Pharmacy	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	M. Pharmacy	01/07/2019	07/12/2019	01/01/2020	15/05/2020
2	**Commerce & Management**				
	Commerce	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Management	01/07/2019	07/12/2019	01/01/2020	15/05/2020
3	**Humanities**				
	Arts & Fine Arts	15/06/2019	24/10/2019	20/11/2019	30/04/2020
	Mental Moral and Social Sciences				
	Law : UG & PG (II/III/IV/V Year.)	01/07/2019	07/12/2019	17/01/2020	31/05/2020
4	**Inter-disciplinary Studies**				
	Education II Year. (B.Ed., M.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020
	Physical Education II Year. (B.P.Ed., M.P.Ed.)	01/07/2019	07/12/2019	01/01/2020	15/05/2020

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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NOTE

1. In case, the Principal/Director of the affiliated Colleges/recognised Institutes require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2019-20 attached Separately.

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/1355
Date: 26/04/2019

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
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Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University
(Formerly University of Pune)

Academic Calendar for Various Activities for II, III , IV & V Year **B. Arch. For the Year 2019-20.**

Sr. No.	Details of Activities	Dates	
		I[st] TERM	II[nd] TERM
1	Commencement of teaching	15/6/2019	09/12/2019
2	Conclusion of teaching	16/10/2019	04/04/2020
3	Sessional Exam/Viva Voce	All subjects except Practical training 18/10/2019 to 26 /10/2019 Practical Training Viva 16/12/2019 to 21/12/2019	All subjects except Arch. Project final year 06/04/2020 to 18/4/2020 Final year Arch. Project Viva 19/04/2020 to 26/4/2020
4	Preparation Time (Theory)	27/10/19 to 31/10/19	20/4/2020 to 25 /4/2020
5	Theory Examination	1/11/2019 onwards	27/4/2020 onwards

Academic Calendar for Various Activities for **IInd year M.Arch. For the Year 2019-20.**

Sr. No.	Details of Activities	Dates	
		I[st] TERM	II[nd] TERM
1	Commencement of teaching	08/07/2019	09/12/2019
2	Conclusion of teaching	02/11/2019	04/04/2020
3	Sessional Exam /Viva Voce	04/11/2019 to 07/11/2019	06/04/2020 to 11/04/2020 4[th] Semester M.Arch. Project Exam between 27[th] to 30[th] April 2020.
4	Preparation Time (Theory)	08/11/2019 to 12/11/2019	13/04/2020 to 18/04/2020
5	Theory Examination	13/11/2019 to 20/11/2019	20/04/2020 to 25/04/2020

As per the syllabus a training of 40 working days is to be competed by the student in the time between the 2[nd] and the 3[rd] Semester M.Arch.

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1355
Date: 26/04/2019

PDEA College of Architecture Akurdi, Pune

Pune District Education Association's
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Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 234 of 2019

Dates of Commencement and Conclusion of terms for the Academic Year 2019-2020
For Engineering (F.E. Fresh & MCA - I) & B. Architecture - I Year.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under F.E Fresh, B.Architechture- I, MCA - I Year for the academic year 2019-2020 for affiliated colleges shall be as under :

Sr. No.	Name of the Courses and Faculties	2019-20			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
	Science & Technology				
1	F.E. Fresh & MCA - I Year	13/08/2019	17/12/2019	07/01/2020	09/05/2020
2	B.Architecture - I Year	01/08/2019	30/11/2019	16/12/2019	11/04/2020

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2019-20 attached Separately.

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/3151
Date: 05/09/2019

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University
(Formerly University of Pune)

ACADEMIC CALENDAR FOR VARIOUS ACTIVITES FOR ENGINERRING (F.E. Fresh & MCA - I) & B. ARCHITECTURE - I YEAR COURSES FOR THE YEAR 2019-20

F.E. Fresh & MCA - I Year

Sr. No	Courses	Details of Activites	Date
		First term	
01	F.E. Fresh & MCA - I Year	Commencement of Teaching	13/08/2019
		Conclusion of Teaching	17/12/2019
		Commencement of (End -Semester) Examination	23/12/2019
		Second term	
01	F.E. Fresh & MCA - I Year	Commencement of Teaching	07/01/2020
		Conclusion of Teaching	09/05/2020
		Commencement of (End -Semester) Examination	18/05/2020

B. Architecture - I Year

Sr. No	Courses	Details of Activites	Date
		First term	
01	B.Architecture - I Year.	Commencement of Teaching	01/08/2019
		Conclusion of Teaching	30/11/2019
		Sessional/Viva Voce Examination	02/12/2019 to 05/12/2019
		Theory Examination	11/12/2019 onwards
		Second term	
02	B.Architecture - I Year.	Commencement of Teaching	16/12/2019
		Conclusion of Teaching	11/04/2020
		Sessional/Viva Voce Examination	13/04/2020 to 18/04/2020
		Theory Examination	27/04/2020 onwards

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/3151
Date: 05/09/2019

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No.103 of 2020

Important Notification

Revised Dates of Conclusion of II terms for the Academic Year 2019-2020 and Commencement for the Academic Year 2020-2021
For affiliated Colleges/recognised Institutes Only.

In view of prevailing COVID-19 situation in the Country, it is hereby informed that, the revised dates of conclusion of the Second term of 2019-2020 and Commencement for the Academic Year 2020-2021 University Courses, under various faculties shall be as under :

Sr. No.	Name of the Courses and Faculties	II Term 2019-20 Conclusion	I Term 2020-2021 Commencement
1	**Science & Technology**		
	Science	05/06/2020	15/06/2020
	Engineering : SE,TE,BE & MCA-II, & III Year	05/06/2020	15/06/2020
	Engineering :ME - II Year.	05/06/2020	01/07/2020
	B.Architecture II, III, IV & V Year.	05/06/2020	15/06/2020
	M. Architecture II Year.	05/06/2020	01/07/2020
	B. Pharmacy	05/06/2020	15/06/2020
	M. Pharmacy	05/06/2020	01/07/2020
2	**Commerce & Management**		
	Commerce	05/06/2020	15/06/2020
	Management	05/06/2020	01/07/2020
3	**Humanities**		
	Arts & Fine Arts	05/06/2020	15/06/2020
	Mental Moral and Social Sciences		
	Law : UG & PG (II, III, IV & V Year.)	05/06/2020	01/07/2020
4	**Inter-disciplinary Studies**		
	Education II Year.(B.Ed., M.Ed.)	05/06/2020	01/07/2020
	Physical Education II Year.(B.P.Ed., M.P.Ed.)	05/06/2020	01/07/2020

PDEA College of Architecture Akurdi, Pune

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No.103 of 2020

Important Notification

Revised Dates of Conclusion of II terms for the Academic Year 2019-2020 and Commencement for the Academic Year 2020-2021
For affiliated Colleges/recognised Institutes Only.

In view of prevailing COVID-19 situation in the Country, it is hereby informed that, the revised dates of conclusion of the Second term of 2019-2020 and Commencement for the Academic Year 2020-2021 University Courses, under various faculties shall be as under :

Sr. No.	Name of the Courses and Faculties	II Term 2019-20 Conclusion	I Term 2020-2021 Commencement
1	**Science & Technology**		
	Science	05/06/2020	15/06/2020
	Engineering : SE,TE,BE & MCA-II, & III Year	05/06/2020	15/06/2020
	Engineering :ME - II Year.	05/06/2020	01/07/2020
	B.Architecture II, III, IV & V Year.	05/06/2020	15/06/2020
	M. Architecture II Year.	05/06/2020	01/07/2020
	B. Pharmacy	05/06/2020	15/06/2020
	M. Pharmacy	05/06/2020	01/07/2020
2	**Commerce & Management**		
	Commerce	05/06/2020	15/06/2020
	Management	05/06/2020	01/07/2020
3	**Humanities**		
	Arts & Fine Arts	05/06/2020	15/06/2020
	Mental Moral and Social Sciences		
	Law : UG & PG (II, III, IV & V Year.)	05/06/2020	01/07/2020
4	**Interdisciplinary Studies**		
	Education II Year.(B.Ed., M.Ed.)	05/06/2020	01/07/2020
	Physical Education II Year.(B.P.Ed., M.P.Ed.)	05/06/2020	01/07/2020

PDEA College of Architecture Akurdi, Pune-44

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NOTE

1. **Colleges / Institutes in the red zone / contenment zone shall required to follow the guidelines / instructions issued by the Government of Maharashtra.**
2. **Details of conclusion of Ist term and Commencement and conclusion of IInd term of academic year 2020-2021 will be declared later.**

2/6/2020.
Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 779
Date: 02/06/2020

Copy to: for Information and necessary action

The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 100 of 2019

List of Holidays during the year 2019 for University Departments/Affiliated Colleges and Recognized Institutes.

Holidays

Sr. No.	Day of Holiday	Date	Day
1	Ramzan - Id (Id-Ul-Fitr)	05-06-2019	Wednesday
2	Bakri - Id (Id-Ul-Zuha)	12-08-2019	Monday
3	Independence Day	15-08-2019	Thursday
4	Parshi New Year	17-08-2019	Saturday
5	Ganesh Chaturthi	02-09-2019	Monday
6	Gauri Poojan	06-09-2019	Friday
7	Moharum	10-09-2019	Tuesday
8	Anant Chaturdashi	12-09-2019	Thursday
9	Mahatma Gandhi Jayanti	02-10-2019	Wednesday
10	Dasara	08-10-2019	Tuesday
11	Dhanatrayodashi	25-10-2019	Friday
12	Diwali (Bali Pratipada)	28-10-2019	Monday
13	Bhaubij	29-10-2019	Tuesday
14	Guru Nanak Jayanti	12-11-2019	Tuesday
15	Christmas	25-12-2019	Wednesday

Note

In case, the Head/ Principal/Directors of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

20/5/2019
Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/1620
Date: 25/05/2019

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3. The Registrar, Savitribai Phule Pune University, Pune.
4. The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
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8. The Heads of all the Administrative Sections of the University Office.
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
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PDEA College of Architecture Akurdi, Pune-44

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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 09 of 2020

It is hereby informed to all concerned that the University has declared following days as Public Holidays for the **University Departments/Affiliated Colleges and Recognized Institutes** for teaching faculty for the calendar year 2020.

Holidays

Sr. No.	Day of Holiday	Date	Day
1	Chattrapati Shivaji Maharaj Jayanti	19-02-2020	Wednesday
2	Mahashivratri	21-02-2020	Friday
3	Holi (Second Day)	10-03-2020	Tuesday
4	Gudipadwa	25-03-2020	Wednesday
5	Ram Navmi	02-04-2020	Thursday
6	Mahavir Jayanti	06-04-2020	Monday
7	Good Friday	10-04-2020	Friday
8	Dr. Babasaheb Ambedkar Jayanti	14-04-2020	Tuesday
9	Maharashtra Din	01-05-2020	Friday
10	Buddha Pournima	07-05-2020	Thursday
11	Ramzan Eid (Id-Ul-Fitr) (Shawal - 1)	25-05-2020	Monday
12	Bakri - Id (Id-Ul-Zuha)	01-08-2020	Saturday
13	Independence Day	15-08-2020	Saturday
14	Ganesh Chaturthi	22-08-2020	Saturday
15	Mahatma Gandhi Jayanti	02-10-2020	Friday
16	Id-E-Milad	30-10-2020	Friday
17	Diwali Amavasaya (Laxmi Pujan)	14-11-2020	Saturday
18	Diwali (Bali Pratipada)	16-11-2020	Monday
19	Gurunanak Jayanti	30-11-2020	Monday
20	Christmas	25-12-2020	Friday

Note

In case, the Head/ Principal/Director of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

20/1/2020.

Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/253
Date: 20/01/2020

Copy to : for information & necessary action

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3. The Registrar, Savitribai Phule Pune University, Pune.
4. The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
5. The Heads of all University Departments.
6. The Principals of all Affiliated Colleges.
7. The Directors of all Recognized Institutes.
8. The Heads of all the Administrative Sections of the University Office.
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
10. Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

B)ACADEMIC CALENDARS- (A.Y.-2018-2019)

4. AY- 2018-2019

- **University Calendar Circular**
- **University Holidays Circular**

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 67 of 2018

Dates of Commencement and Conclusion of terms for the Academic Year 2018-2019
For Affiliated Colleges Only.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under various faculties, for the academic year 2018-2019 shall be as under :

Sr. No.	Name of the Courses and Faculties	2018-19			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	**Science & Technology**				
	Science	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2018	03/11/2018	17/12/2018	25/04/2019
	Engineering :ME - II Year.	02/07/2018	03/11/2018	15/01/2019	20/05/2019
	B.Architecture II, III, IV & V Year.	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Architecture II Year.	02/07/2018	03/11/2018	17/12/2018	30/04/2019
	B. Pharmacy	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	M. Pharmacy	02/07/2018	03/11/2018	29/11/2018	15/05/2019
2	**Commerce & Management**				
	Commerce	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Management	02/07/2018	03/11/2018	29/11/2018	15/05/2019
3	**Humanities**				
	Arts & Fine Arts	15/06/2018	03/11/2018	29/11/2018	30/04/2019
	Mental Moral and Social Sciences				
	Law : UG & PG (II/III/IV/V Year.)	15/06/2018	03/11/2018	29/11/2018	30/04/2019
4	**Inter-disciplinary Studies**				
	Education II Year.	02/07/2018	03/11/2018	29/11/2018	15/05/2019
	Physical Education II Year.				

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2018-19 attached Separately.

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1333
Date: 23/04/2018

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The Members of the Management Council.
The Deans of Faculties.
The Registrar, Savitribai Phule Pune University, Pune.
The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
The Heads of all University Departments.
The Principals of all Affiliated Colleges.
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The Heads of all the Administrative Sections of the University Office.
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Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 145 of 2018

Dates of Commencement and Conclusion of terms for the Academic Year 2018-2019
For Engineering (F.E. Fresh & MCA - I) & B. Architecture - I Year.

It is hereby informed that, the dates of commencement and conclusion of the First and Second term of University Courses, under F.E Fresh, B.Architechture- I, MCA - I Year for the academic year 2018-2019 for affiliated colleges shall be as under :

Sr. No.	Name of the Courses and Faculties	2018-19			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
	Science & Technology				
1	F.E. Fresh & MCA - I Year	01/08/2018	30/11/2018	01/01/2019	23/04/2019
2	B.Architecture - I Year	06/08/2018	30/11/2018	17/12/2018	13/04/2019

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.
2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.
3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2018-19 attached Separately.

Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3112
Date. 16/08/2018

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The Directors of all Recognized Institutes.
The Heads of all the Administrative Sections of the University Office.
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PDEA College of Architecture Akurdi Pune 44

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Savitribai Phule Pune University
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ACADEMIC CALENDAR FOR VARIOUS ACTIVITES FOR ENGINERRING (F.E. Fresh & MCA - I) & B. ARCHITECTURE - I YEAR COURSES FOR THE YEAR 2018-19

F.E. Fresh & MCA - I Year

Sr. No	Courses	Details of Activites	Date
		First term	
01	F.E. Fresh & MCA - I Year	Commencement of Teaching	01/08/2018
		Conclusion of Teaching	30/11/2018
		Commencement of (End -Semester) Examination	11/12/2018
		Second term	
01	F.E. Fresh & MCA - I Year	Commencement of Teaching	01/01/2019
		Conclusion of Teaching	23/04/2019
		Commencement of (End -Semester) Examination	02/05/2019

B. Architecture - I Year

Sr. No	Courses	Details of Activites	Date
		First term	
01	B.Architecture - I Year.	Commencement of Teaching	06/08/2018
		Conclusion of Teaching	30/11/2018
		Sessional/Viva Voce Examination	04/12/2018 to 06/12/2018
		Theory Examination	11/12/2018 onwards
		Second term	
02	B.Architecture - I Year.	Commencement of Teaching	17/12/2018
		Conclusion of Teaching	13/04/2019
		Sessional/Viva Voce Examination	16/04/2019 to 18/04/2019
		Theory Examination	24/04/2019 onwards

Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3112
Date: 16/08/2018

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 69 of 2018

During the Academic Year 2018 – 2019 following days are declared as Holidays for the **Affiliated Colleges and Recognized Institutes** for the **First Term & Second Term.**

First Term Holidays

Sr. No.	Day of Holiday	Date	Day
1	Ramzan – Id (Id-Ul-Fitar)	16/06/2018	Saturday
2	Independence Day	15/08/2018	Wednesday
3	Bakri - Id (Id-Ul-Zua)	22/08/2018	Wednesday
4	Ganesh Chaturthi	13/09/2018	Thursday
5	Mahatma Gandhi Jayanti	02/10/2018	Tuesday
6	Dasara	18/10/2018	Thursday

Second Term Holidays

Sr. No.	Day of Holiday	Date	Day
1	Christmas	25/12/2018	Tuesday
2	Republic Day	26/01/2019	Saturday
3	Chhatrapati Shivaji Maharaj Jayanti	19/02/2019	Tuesday
4	Mahashivratri	04/03/2019	Monday
5	Holi (Second Day)	21/03/2019	Thursday
6	Gudipadwa	06/04/2019	Saturday

Note

In case, the Head/ Principal/Directors of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

Deputy Registrar
(P.G. Admissions)

Ganeshkhind, Pune
Ref. No. PGS/1335
Date: 23/04/2018

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4. The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
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6. The Principals of all Affiliated Colleges.
7. The Directors of all Recognized Institutes.
8. The Heads of all the Administrative Sections of the University Office.
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University
10. Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
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B)ACADEMIC CALENDARS- (A.Y.-2017-2018)

5. AY- 2017-2018

- **University Calendar Circular**
- **University Holidays Circular**

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 79 of 2017

Dates of Commencement and Conclusion of terms for the Academic Year 2017-2018

For Affliated Colleges Only.

It is hereby informed that, the dates of commencement and conclusion of the first and second term of University Courses, under various faculties, for the academic year 2017-2018 shall be as under :

Sr. No.	Name of the Courses	2017-18			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Arts & Fine Arts	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Mental,Moral and Social Sciences				
2	Science	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Engineering : SE,TE,BE & MCA- II, & III Year	15/06/2017	18/10/2017	18/12/2017	23/04/2018
	Engineering :ME - II Year.	01/07/2017	28/10/2017	15/01/2018	19/05/2018
	B.Architecture II, III, IV & V Year.	05/06/2017	23/09/2017	04/12/2017	24/03/2018
	M. Architecture II Year.	10/07/2017	04/11/2017	26/12/2017	13/04/2018
	B. Pharmacy	19/06/2017	30/11/2017	21/12/2017	04/05/2018
	M. Pharmacy	17/07/2017	09/12/2017	11/01/2018	30/05/2018
3	Commerce	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Management	01/07/2017	09/12/2017	26/12/2017	05/05/2018
4	Law : UG & PG (II/III/IV/V Year.)	15/06/2017	18/10/2017	13/11/2017	30/04/2018
	Education II Year.	01/07/2017	28/10/2017	23/11/2017	15/05/2018
	Physical Education II Year.				

Teaching will begin on the date of commencement of the terms and immediately after the finalization of admissions; however, term would stand concluded on the dates mentioned above.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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NOTE

1. In case, the Principal of the Affiliated Colleges require to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the College working on Sunday.

2. The Term & holidays for the Post-graduate courses conducted in the Colleges/Institutes will be as per the University Department.

3. Details of Various Activities for Engineering and Architecture Courses for the Academic Year 2017-18 attached Separately.

27/4/2017
Deputy Registrar
(P.G.Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 1532
Date: 27/04/2017

Copy to: for Information and necessary action

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The Registrar, Savitribai Phule Pune University
The Direcoter, Board of Examnations & Evaluation, Savitribai Phule Pune University
The Head of all University Departments
The Principal of all Affiliated Colleges
The Directors of all Recognised Institutes
The Head of the Administrative Sections of the University office

PDEA College of Architecture Akurdi, Pune-44

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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 203 of 2017

ACADEMIC CALENDAR FOR First Year B. Arch FOR ACADEMIC YEAR 2017-18

FIRST TERM

Sr. No.	Details of Activites	Date
1	Commencement of Term - I	21/08/2017
2	Conclusion of Term - I	09/12/2017
3	Sessional / Viva Voce	11/12/2017 to 16/12/2017
4	Theory Examination	26/12/2017 to 29/12/2017

SECOND TERM

Sr. No.	Details of Activites	Date
1	Commencement of Term - II	01/01/2018
2	Conclusion of Term - II	21/04/2018
3	Commencement Sessional / Viva Voce	23/04/2018 to 28/04/2018
4	Theory Examination	07/05/2018 to 12/05/2018
5	Commencement of Term -I (2018-19)	04/06/2018

Note

- To comply with academic requirements, college may utilized holidays including Sunday for First Year Students.
- In case, the Principal of the Affiliated Collges require to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping the College working on Sundays.

21/9/2017
Deputy Registrar
P.G. Admission

Ganeshkhind
Pune-411007
Ref. No. PGS/3492
Date:21/09/2017

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The Registrar, Savitribai Phule Pune University
The Deans of all Faculties
The Direcoter, Board of Examnations & Evaluation, SPPU
The Principal of all Affiliated Colleges
The Directors of all Recognised Institutes
The Head of the Administrative Sections of the University office

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
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Savitribai Phule Pune University
(formerly University of Pune)

Circuler No. 142 of 2017

During the Academic Year 2017 – 2018 following days are declared as Holidays for the Affiliated Colleges and Recognized Institutes for the **First Term.**

Sr.No.	Day of Holiday	Date	Day
1	Ramzan – Id (Id-Ul-Fitar)	26/06/2017	Monday
2	Independence Day	15/08/2017	Tuesday
3	Ganesh Chaturthi	25/08/2017	Friday
4	Bakri - Id (Id-Ul-Zua)	02/09/2017	Saturday
5	Dasara	30/09/2017	Saturday
6	Mahatma Gandhi Jayanti	02/10/2017	Monday

Note

In case, the Head/ Principal/Directors of the Affiliated Colleges / Recognized Institutes requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

22/6/2017
Deputy Registrar
(P.G. Admissions)

Ganeshkhind,
Pune -411 007
Ref. No. PGS/2153
Date: 21 /06/2017

Copy to : for information & necessary action

1. The Members of the Management Council.
2. The Deans of Faculties.
3. The Registrar, Savitribai Phule Pune University, Pune.
4. The Director, Examinations & Evaluation, Savitribai Phule Pune University, Pune.
5. The Heads of all University Departments.
6. The Principals of all Affiliated Colleges.
7. The Directors of all Recognized Institutes.
8. The Heads of all the Administrative Sections of the University Office.
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, Savitribai Phule Pune University

PDEA College of Architecture Akurdi, Pune

Pune District Education Association's
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Savitribai Phule Pune University
(Formerly University of Pune)

Circular No. 247 of 2017

Holidays for Second Term

During the Academic Year 2017 - 2018 following days are declared as Holidays for the University Departments, Affiliated Colleges and Recognized Institutes for Second Term.

Sr. No.	Day of Holiday	Date	Day
1.	Christmas	25/12/2017	Monday
2.	Republic Day	26/01/2018	Friday
3.	Mahashivratri	13/02/2018	Tuesday
4.	Chattrapati Shivaji Maharaj Jayanti	19/02/2018	Monday
5.	Holi (Second day)	02/03/2018	Friday
6.	Dr. Babasaheb Ambedkar Jayanti	14/04/2018	Saturday

Note

In case, the Head of the University Departments/Principals/Directors of the Affiliated Colleges/Recognized Institutes requires to give additional holiday in exceptional circumstances, he/she may do so by compensating the same by keeping the Department/ College/Institute working on Sunday.

11/12/2017
Deputy Registrar
(P.G. Admissions)

Ganeshkhind,
Pune - 411 007
Ref. No. PGS/4370
Date: 11 /12/2017

Copy to: for Information and necessary action

1. The Members of the Management Council
2. The Deans of all Faculties
3. The Registrar, Savitribai Phule Pune University
4. The Director, Board of Examinations & Evaluation, SPPU.
5. The Head of all University Departments
6. The Principal of all Affiliated Colleges
7. The Directors of all Recognized Institutes
8. The Head of the Administrative Sections of the University office
9. Asstt. Registrar, office of the Hon. Vice-Chancellor, SPPU.
10. Asstt. Registrar, office of the Hon. Pro-Vice-Chancellor, SPPU.

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

C) Savitribai Phule Pune University- B. Arch Program Syllabus details

1. 2019 PATTERN

- Syllabus Implementation letter
- Syllabus Course Structure
- Syllabus Course details
- Equivalence details

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शैक्षणिक विभाग
गणेशखिंड, पुणे-४११ ००७
दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९
ई-मेल : boards@pun.unipune.ac.in
संकेतस्थळ : www.unipune.ac.in

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
Savitribai Phule Pune University
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Academic Section
Ganeshkhind, Pune - 411 007
Phone : 020-25601257/58/59
E-mail : boards@pun.unipune.ac.in
Website : www.unipune.ac.in

संदर्भ क्र : CB/SAT/631 दिनांक : 04/07/2019

परिपत्रक क्रमांक. १४५ / २०१९

विषय :— विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत वास्तुशास्त्र पाच वर्ष बी.आर्च (२०१९ पॅटर्न) चा सुधारित आराखडा व प्रथम वर्ष अभ्यासक्रम शैक्षणिक वर्ष २०१९—२० पासून सुरू करणेबाबत...

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत वास्तुशास्त्र पाच वर्ष बी.आर्च (२०१९ पॅटर्न) चा सुधारित आराखडा व प्रथम वर्ष अभ्यासक्रम शैक्षणिक वर्ष २०१९—२० पासून सुरू करण्यास मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या वेबसाईटवर Syllabi – Academic Year 2019 – Faculty of Science and Technology (Architecture) या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

उपकुलसचिव
(शैक्षणिक विभाग)

PDEA College of Architecture Akurdi, Pune-44

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प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
२. मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये
३. मा. संचालक, सर्व मान्यताप्राप्त परिसंस्था
४. मा. संचालक, परीक्षा व मूल्यमापन मंडळ
५. मा. संचालक, स्पर्धा परीक्षा केंद्र
६. मा. उपकुलसचिव, परीक्षा (१,२)
७. मा. उपकुलसचिव, नियोजन व विकास विभाग
८. मा. उपकुलसचिव, शैक्षणिक पात्रता विभाग
९. मा. उपकुलसचिव, सभा व दप्तर विभाग
१०. मा. संचालक, आंतरराष्ट्रीय केंद्र
११. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
१२. सहायक कुलसचिव, गोपनीय कक्ष
१३. सहायक कुलसचिव, परीक्षा—एस.अॅण्ड टी. विभाग
१४. सहायक कुलसचिव, परीक्षा समन्वय
१५ सहायक कुलसचिव, मा. प्र—कुलगुरू कार्यालय
१६. वरिष्ठ कायदा अधिकारी
१७. जनसंपर्क अधिकारी
१८. कक्षाधिकारी, बहि:स्थ विभाग
१९. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब १ पीए/१/२०१९, दि. ११जून, २०१९

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Website : www.unipune.ac.in

संदर्भ क्र : CB/S&T/115 दिनांक : 12/02/2020

परिपत्रक क्रमांक. ४१ / २०२०

विषय :— विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत वास्तुशास्त्र द्वितीय व तृतीय वर्ष बी.आर्च (२०१९ पॅटर्न) चा अभ्यासक्रम शैक्षणिक वर्ष २०२०—२१ पासून सुरू करणेबाबत.....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत वास्तुशास्त्र द्वितीय व तृतीय वर्ष बी.आर्च (२०१९ पॅटर्न) चा अभ्यासक्रम शैक्षणिक वर्ष २०२०—२१ पासून सुरू करण्यास मान्यता देण्यात येत आहे.

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उपकुलसचिव
(शैक्षणिक विभाग)

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प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

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११. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
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१४. सहायक कुलसचिव, परीक्षा समन्वय
१५ सहायक कुलसचिव, मा. प्र—कुलगुरू कार्यालय
१६. वरिष्ठ कायदा अधिकारी
१७. जनसंपर्क अधिकारी
१८. कक्षाधिकारी, बहि:स्थ विभाग
१९. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.
२०. सिस्टीम अॅनालिस्ट डेटा प्रोग्रेसिंग युनिट

वि.प. ठराव क्र. ब २०पीए/२०/२०२०, दि. २३, जानेवारी २०२०

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SAVITRIBAI PHULE PUNE UNIVERSITY

[Formerly the University of Pune]

COURSE STRUCTURE

FIVE YEAR DEGREE COURSE IN ARCHITECTURE

[B.ARCH.]

TO BE IMPLEMENTED FROM 2019-20

BOARD OF STUDIES IN ARCHITECTURE

FACULTY OF SCIENCE AND TECHNOLOGY

PDEA College of Architecture Akurdi, Pune-44

BACHELOR OF ARCHITECTURE
COURSE STRUCTURE AND RULES

PREAMBLE

The New Syllabus of the B.Arch. course hence forth to be referred as the 2019 Pattern, to be implemented from the year 2019-20, is designed to address the rising expectations of knowledge to be borne by an architect. The interdisciplinary nature of the field of architecture demands integration of knowledge domains from various disciplines such as humanities, art, and technology and so on. However, what distinguishes an architect is the design knowledge and ability to employ the knowledge from the various disciplines for arriving at a solution to a problem.

Hence the syllabus has been designed such that the professional core subjects are supported by building science and technology courses, professional ability enhancement courses and the elective courses. The professional ability enhancement courses and the practical training of one semester focus on connecting the students with the practice. The elective courses enable an exposure to some other domain or nurtures the students' proficiency or skill. The Audit courses are introduced to acknowledge the knowledge that the student seeks in his/her area of interest but not directly contribute to the CGPA.

At the end of the course the graduating student shall be able to methodically approach a problem of creating a built environment be it a small house or a township by employing knowledge from various domains and at the same time making it safe, equitable, feasible and environment friendly. Education needs to equip the student to face the challenges and demands in the field by imbibing first principles.

As per the University guidelines, the course is structured upon the Credit System Based Assessment. The syllabus is structured with the following objectives and expected outcomes

PROGRAM EDUCATIONAL OBJECTIVES[PEO]-

1. **Theoretical Base**–To establish strong theoretical base and understanding of Architecture and work of an architect.
2. **Knowledge and Skills**–To inculcate design sensitivity and ability, as well as knowledge in the domains of humanities, technology &art and impart skills so as to equip the graduate student to undertake work of an architect.
3. **Values** - Sensitize the students to the universal values of equity, environmental care, accessibility, and respect for heritage and equip them to address these through design.
4. **Research** -Train the students to methodically research a issue or a situation to find a creative solution to meet the contextual challenges in the realm of changing technologies, socio economic and cultural changes.
5. **Practice and Ethics**- To enable the students to practice as architects and imbibe them with the knowledge of the professional practice and ethics.
6. **Changes and Diversification**- To expose the students to the changes in architectural practice, diversifications and evolving role of an architect.

PDEA College of Architecture Akurdi Pune 44

Rule no. 3: GRANTING OF TERM.

Academic year shall consist of two semesters of minimum 90 teaching days each. The candidate will be permitted to appear for examination **only if** he/she produces testimonials from the Principal of the College for:

1. 75% attendance in each head of passing of theory and/ or sessional work as prescribed by the University.
2. Satisfactory completion of the sessional work prescribed for each subject and securing minimum required marks in the internal assessment for the same.
3. Good Conduct.

Rule no. 4:RULES OF PASSING

4.1 To pass sessional [SS] / sessional viva [SV], the student has to earn minimum 50% marks.

4.2 To pass the theory subject head the student has to earn minimum of 45% marks in the End semester exam and minimum 45% average marks (In- Semester Assessment + End semester).

4.3 A student shall be promoted to higher class only if she/he scores 50% marks in the aggregate of the total marks of the year.

4.4 **For theory subjects** the failing student can repeat the end semester exam to pass the head in any semester and the In-semester assessment exam marks will be retained as it is. Or the failing student can repeat end semester exam as well as In-semester assessment for the head of even semester in the even semester only and for the head of odd semester in the odd semester.

4.5 To earn credits of a course (paper/SS/SV) student must pass the course with minimum passing marks / grade.

4.6 Student can apply only for the revaluation / photocopying / verification of answer sheets of End semester theory exam only.

Rule no. 5: RULES OF A.T.K.T.

5.1 A student can be admitted for the third semester if he/she earns minimum **50%** credits of the total of first and second semester.

5.2 A student can be admitted for the fifth semester if he/she earns minimum **50%** credits of the total of third and fourth semester and all the credits (**100%**) of the first and second semester and passing grade of aggregate for first year.

5.3 A student can be admitted for the seventh semester if he/she earns minimum **50%** credits of the total of the fifth and sixth semesters and all the credits (**100%**) of the third and fourth semesters and passing grade of aggregate for second year.

5.4 A student can be admitted for the ninth semester if he/she earns minimum **50%** credits of the total of the seventh and eighth semesters and all the credits (**100%**) of the fifth and sixth semesters and passing grade of aggregate for third year.

PDEA College of Architecture Akurdi, Pune-44

5.5A student would be awarded B.Arch. only if he/she earns **262 (100%) credits** and gets passing grade in all the courses specified in the syllabus and gets passing grade of aggregate within the time permissible by the University.

Rule No. 6: PREREQUISITES FOR ENROLLING FOR THE SUBJECT OF ARCHITECTURAL DESIGN and ARCHITECTURAL DESIGN PROJECT

6.1 A candidate shall not be permitted to enrol for the Architectural Design course in a semester unless he/ she has completed [*attended the course, submitted the work]* of the Architectural Design course of the previous semester and satisfied prerequisites as per 6.2.

6.2 Prerequisites for appearing in Examination

Sr.No.	Appear for examination in	Passing grade to be obtained in
01	Architectural Design III	Architectural Design I[SV]
02	Architectural Design IV	Architectural Design II[SV]
03	Architectural Design V	Architectural Design III[SV]
04	Architectural Design VI	Architectural Design IV[SV]
05	Architectural Design VII	Architectural Design V[SV]

6.3 A candidate shall not be permitted to enrol for the tenth semester Architectural Design project course unless he/ she has successfully completed [*passed*] and received passing grades in Practical Training/ Internship and Architectural Design VI & Architectural Design VII.

The rules of Passing, ATKT and Prerequisites have to be read in conjunction with each other and not in isolation.

Rule no. 7: ASSESMENT AND GRADE POINT AVERAGE

7.1 A grade assigned to each head based upon marks obtained by the student in examination of the course.

Table 1
GRADING SYSTEM FOR PASSING HEADS (THEORY)

Grade	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
E	5	45-49	Below average
F	0	Below 45	Fail

PDEA College of Architecture Akurdi, Pune-44

Table 2
GRADING SYSTEM FOR [SESSIONAL/ SESSIONAL VIVA and AGGREGATE]

Grade	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
F	0	Below 50	Fail

7.2 **Passing grades for various heads:** The grades O, A, B, C, D& E are passing grades for theory papers. The grades O,A,B,C & D are passing grades for sessional and/or sessional viva voce heads. A candidate acquiring any one of these grades shall be declared as pass only in that particular head.

7.3 **Passing grades for Aggregate**: The grades O, A, B, C& D are passing grades in the aggregate.

7.4 **F grade for various heads**: The grade F is a failure grade. The student with F grade will have to pass the concerned course by reappearing for the examination.

7.5 **F grade for aggregate**: The grade F is a failure grade for aggregate. The student with F grade will have to appear for paper &/ or sessional &/or sessional viva voce for improvement of aggregate.

Rule no. 8: EXAMINATIONS.

The type of examination / assessments are as follows

I. In Semester Examinations for Theory conducted and assessed at the college
II. End Semester Theory Paper conducted by the University and assessed at the CAP by the University.
III. Continuous Assessment for Sessional to be maintained and record to be kept by the subject faculty. The progressive work done by a student through out the semester to be maintained for architectural design course. The weightage of this continuous internal assessment [CIA]shall be 50% of the total marks allocated for the sessional work. The remaining marks to be given by the external examiner referred as External assessment [EA]. CIA and EA will be entered as aggregate at the time of external examination. Break up of marks is mentioned in detailed syllabus at respective subjects.
IV. Viva voce to be jointly conducted by internal and external examiner at the end of the semester and the weightage for internal and external examiner's assessment will be equal [50:50] and break up of marks is mentioned in detailed syllabus at respective subjects.
V. For subjects having both sessional assessment and viva voce the marks to be entered as an aggregate of sessional and viva voce.

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9.8 At all the examinations **except** for the SEMESTER X : ARHITECTURAL DESIGN PROJECT, external assessment shall be carried out by teachers from other college in the University not teaching that subject in the institute where the examination is being conducted.

9.9 For tenth semester Architectural Design Project an external examiner means a professional/ academician not teaching in any of the colleges under the University and Internal Examiner is one who is teaching that particular subject in the same/any other college under the University.

9.10 Any examiner shall have a minimum of three years teaching/professional experience in a field of study relating to the subject of examination. However an external examiner for 10thSemester Architectural Design Project Shall have minimum of 10 years teaching/professional experience.

Rule no.10: PERFORMANCE INDICES

10.1 The semester end grade sheet will contain grades for the course along with titles and SGPA. Final grade sheet and transcript shall contain CGPA.

10.2 SGPA: The performance of a student in a semester is indicated by a number called the semester grade point average (SGPA). The SGPA is the weighted average of grade points obtained in all the courses registered by the student during the semester.

Semester Grade Point Average (SGPA) =

$$\text{SGPA} = \frac{\sum_{i=1}^{p} CiGi}{\sum_{i=1}^{p} Ci}$$

$$= \frac{\sum \text{Grade Points earned X Credits for each course}}{\text{Total Credits}}$$

For example : Suppose in a given semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively,
Then the SGPA would be

$$\text{SGPA} = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

SGPA is calculated up to two decimal places by rounding off.

1. **CGPA** : The CGPA is the weighted average of the grade points obtained in all the courses (theory /sessional / sessional vivavoce) of **all the ten** semesters. It is calculated in the same manner as the SGPA. It is calculated based upon the SGPA of the concerned semesters.

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COURSE STRUCTURE
BACHELOR OF ARCHITECTURE [B.Arch.]

The syllabus structure is based upon 28 clock hours per week for 1st to fourth year. Additionally 2 clock hours per week are assigned for utilisation for the lectures / allied activities focussing on the individual philosophy of the institute in form of audit courses / site visits / special lectures / workshops / seminars etc offering choice based activities for the institutes / students. The periods considered for calculating the teaching load are of 60 min duration. The architectural design / architectural design project and building construction studio credits are calculated as 1 hour = 1.5 credits, allied studios/labs/workshops are calculated as 1 hour = 0.5 credits and theory lectures are calculated as 1 hour = 1 credit. The detail structure of the syllabus for the ten semester course is given below.

(Note: SS= Sessional work; In Sem = In Semester exam ; End Sem = End semester exam; SV= Sessional and Viva voce; L= Lecture, S=Studio, T=Total ; Theory Paper -P

FIRST YEAR B.ARCH. SEMESTER I

CourseCode	CourseTitle	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
1201901	Basic Design	1	6	7			250		250	10
1201902	Building Construction & Materials I[P]	2		2	30	70			100	2
1201903	Building Construction & Materials I[SV]		3	3				100	100	5
1201904	Theory of Structures I	2		2	30	70			100	2
1201905	Architectural Graphics and Drawing I	1	4	5			100		100	3
1201906	History of Arch & Culture I	1	2	3			50		50	2
1201907	Communication Skills	2	1	3			50		50	2
1201908	Workshop I	1	2	3			100		100	2
		10	18	28					850	28
1201917	Audit Course									

FIRST YEAR B.ARCH. SEMESTER II

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
1201909	Architectural Design I	1	6	7				250	250	10
1201910	Building Construction & Materials II[P]	2		2	30	70			100	2
1201911	Building Construction & Materials II[SV]		3	3				100	100	5
1201912	Theory of Structures II	2		2	30	70			100	2
1201913	Architectural Graphics and Drawing II	1	4	5			100		100	3
1201914	History of Arch & Culture II	1	2	3			50		50	2
1201915	Fundamentals of Architecture	2	1	3			50		50	2
1201916	Workshop II	1	2	3			100		100	2
		10	18	28					850	28
1201918	Audit Course									

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SECOND YEAR B.ARCH. SEMESTER III

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
2201917	Architectural Design II	1	6	7				250	250	10
2201918	Building Construction & Materials III[P]	2		2	30	70			100	2
2201919	Building Construction & Materials III[SV]		3	3				100	100	5
2201920	Theory of Structures III	2		2	30	70			100	2
2201921	Computer Aided Drawing and Graphics	1	3	4			50		50	2
2201922	History of Arch & Culture III	1	2	3			50		50	2
2201923	Building Services I[P]	2	0	2	30	70			100	2
2201924	Building Services I[SS]	0	2	2			50		50	1
2201925	Climatology	1	2	3			50		50	2
		10	18	28					850	28
2201935	Audit Course									

SECOND YEAR B.ARCH. SEMESTER IV

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
2201926	Architectural Design III	1	6	7				250	250	10
2201927	Building Construction & Materials IV[P]	2		2	30	70			100	2
2201928	Building Construction & Materials IV[SV]		3	3				100	100	5
2201929	Theory of Structures IV	2		2	30	70			100	2
2201930	Environmental Science	1	2	3			50		50	2
2201931	History of Arch & Culture IV	1	2	3			50		50	2
2201932	Building Services II[P]	2	0	2	30	70			100	2
2201933	Building Services II[SS]	0	2	2			50		50	1
2201934	Site Survey and Analysis	1	3	4			50		50	2
		10	18	28					850	28
2201936	Audit Course									

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THIRD YEAR B.ARCH. SEMESTER V

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
3201935	Architectural Design IV	1	6	7				250	250	10
3201936	Building Construction & Materials V[P]	2		2	30	70			100	2
3201937	Building Construction & Materials V[SV]		3	3				100	100	4
3201938	Theory of Structures V	2		2	30	70			100	2
3201939	Landscape Architecture	1	3	4			100		100	3
3201940	Elective I [Contemporary Architecture]	1	2	3			100		100	2
3201941	Building Services III[P]	2	0	2	30	70			100	2
3201942	Building Services III[SS]	0	1	1			50		50	1
3201943	Working Drawing I	1	3	4			100		100	2
		10	18	28					1000	28
3201953	Audit Course									

THIRD YEAR B.ARCH. SEMESTER VI

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
3201944	Architectural Design V[SV]		5	5				250	250	8
3201945	Architectural Design V*[P]	2		2		100			100	2
3201946	Building Construction & Materials VI	2	3	5				150	150	6
3201947	Theory of Structures VI	2		2	30	70			100	2
3201948	Research In Architecture I	1	2	3			50		50	2
3201949	Elective II	1	3	4			100		100	3
3201950	Building Services IV[P]	2		2	30	70			100	2
3201951	Building Services IV[SS]		1	1			50		50	1
3201952	Working Drawing II	1	3	4			100		100	2
		11	17	28					1000	28
3201954	Audit Course									

*The Architectural Design V [Paper] will be of 12 hours duration spread over two days of 6 hours a day. The first day will be 6 hours without break. The second day will be 6 hours with a break after 3 hours.

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FOURTH YEAR B.ARCH. SEMESTER VII

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
4201953	Architectural Design VI	1	7	8				300	300	11
4201954	Advanced Building Construction & Services I	1	2	3				150	150	4
4201955	Urban Studies I	2	2	4			100		100	3
4201956	Research In Architecture II	1	2	3			50		50	2
4201957	Elective III	1	2	3			50		50	2
4201958	Quantity Surveying & Specification Writing I	2	2	4	30	70			100	3
4201959	Professional Practice	2	1	3	30	70			100	3
		10	18	28					850	28
4201967	Audit Course									

FOURTH YEAR B.ARCH. SEMESTER VIII

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
4201960	Architectural Design VII	1	7	8				300	300	11
4201961	Advanced Building Construction & Services II	1	2	3				150	150	4
4201962	Urban Studies II	2	2	4			100		100	3
4201963	Elective IV	1	2	3			50		50	2
4201964	Elective V	1	2	3			50		50	2
4201965	Quantity Surveying & Specification Writing II	2	2	4	30	70			100	3
4201966	Project Management	2	1	3	30	70			100	3
		10	18	28					850	28
4201968	Audit Course									

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FIFTH YEAR B.ARCH. SEMESTER IX

Course Code	Course Title	L	S	T	In Sem	End Sem	Sessional and / Viva		Total Marks	Credits
							SS	SV		
5201967	Practical Training							250	250	14

FIFTH YEAR B.ARCH. SEMESTER X

Course Code	Course Title	L	S	T	In Sem	End Sem	Sessional and / Viva		Total Marks	Credits
							SS	SV		
5201968	Architectural Design Project	3	10	13				550	550	18
5201969	Entrepreneurship Development	2	2	4			100		100	3
5201970	Elective VI*	1	3	4			100		100	3
		6	15	21						24

*Elective VI is preferably offered as an open elective. In case it is not possible to offer open elective colleges should offer any elective from the list of electives which the student has not undertaken earlier.

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ANNEXURE A : AUDIT COURSES

The student can opt for one audit course in a semester. A student can opt for a particular course from the list below only once and cannot repeat the same course. The courses may be offered based upon the availability of resources in a college. The method of conduct of course could be based on lectures, site visits, small projects, online sources etc. and can be devised by individual colleges. The course outline given is only suggestive and colleges can expand or modify it for enrichment of the course.

FIRST YEAR B.ARCH. [ANY ONE COURSE TO BE OFFERED PER SEMESTER FROM THE FOLLOWING]			
Sr. No.	Code	Title	Brief Course Outline
1	A	Crafts	Introduction to crafts across the world through history. Types of Indian crafts. Study of any one craft of India.
2	B	Creative Writing	Writing as an art. Fictional and non fictional writing. Poetry, short stories, playwriting. Famous Indian writers, poets and play wrights and their works.
3	C	Performing Arts	Introduction to performing arts across the world through history. Types of Indian performing arts. Introduction to Natya-Shastra. Classical, folk, traditional performing arts. Dance, Music, Drama, Cinema.
SECOND YEAR B.ARCH. [ANY ONE COURSE TO BE OFFERED PER SEMESTER FROM THE FOLLOWING]			
4	D	Foreign Language	Basic introduction to German or Japanese language or a language which a college may choose to offer – syllables, pronunciations, words, simple sentences, grammar.
5	E	Cyber security	Introduction to cyber crime. Types of cyber crimes. Do and don'ts while using computers, smart phones, internet. Security measures to protect from crime. Crime detection mechanism and legislation.
6	F	Yoga	Introduction to Yoga. Benefits of Yoga. Types of yogasanas.
THIRD YEAR B.ARCH. [ANY ONE COURSE TO BE OFFERED PER SEMESTER FROM THE FOLLOWING]			
7	G	Basics of Accounting and Book keeping	Introduction to accounting and various terminologies. Maintaining books of account. Debit and credit.
8	H	Electrical Maintenance	Basic electrical gadgets in home and offices. Introduction to problems related to electricity supply in home environments. Precautions while handling electrical gadgets and wiring. Mechanism of protection from electrical hazards.
9	I	Culinary Art and Practices	Introduction to the basic need of food. Geographical and cultural factors affecting food. Various cuisines and culinary arts across the world. Social, health, dietary, aspects of cuisines. Food cultures in modern times. Places of food.
FOURTH YEAR B.ARCH. [ANY ONE COURSE TO BE OFFERED PER SEMESTER FROM THE FOLLOWING]			
10	J	Civics	Constitution of India. Indian democracy. Citizenship and Rights and responsibilities of citizens. Legislative framework.
11	K	Right to Information	Right to Information Act in India. Its need, scope and significance. Use of right to information. Responsibilities of using RTI. Limitations of using RTI. Case studies and legal precedents of using RTI.
12	L	Sign Language	Introduction to need and significance of inclusive social environment. Communication with the persons who have hearing and speech disabilities. Learning sign language.

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ANNEXURE B : LIST OF ELECTIVE COURSES.

Following are the broad streams and electives under them which can be offered in a college. A student can select any one elective from any stream for ***electives II to V*** *each*. A student may adhere to a particular stream of elective of his/her choice and ***nurture his/her area of interest and develop his/her expertise***. However colleges have to ensure that the student does not repeat a particular elective.

Elective VI is preferably offered as an ***open elective***. In case it is not possible to offer open elective colleges should offer any elective from the list of electives which the student has not undertaken earlier.

Codes for stream A	Stream A Art / Design	Codes for Stream B	Stream B Technology / Management	Codes for stream C	Stream C Social/Humanities/History
A1	Product Design	B1	Architecture using Glass	C1	Gender and Architecture
A2	Furniture Design	B2	Architecture using Steel	C2	Architecture of South Asia
A3	Interior Design	B3	Mud Architecture	C3	Architectural Anthropology
A4	Architectural Conservation	B4	Pre fabricated construction	C4	Vernacular Architecture
A5	Universal Design	B5	Pre stressed construction	C5	Culture and Design
A6	Advanced Landscape Design	B6	Disaster Mitigation and Management	C6	Sociology and Architecture
A7	Graphic Design	B7	Green Buildings and Rating Systems	C7	Colonial Architecture
A8	Architectural Photography	B8	Sustainable Cities and Communities	C8	Regional Architecture
A9	Art in Architecture	B9	Building Performance and Compliance	C9	Cultural Landscapes
A10	Theory of Design	B10	Appropriate Building Technologies	C10	Slum Rehabilitation
A11	Urban design	B11	Earthquake Resistant Architecture	C11	Basics of Archaeology
A12	Architectural	B12	Tensile Structures	C12	Introduction to Anthropology

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Codes for stream A	Stream A Art / Design	Codes for Stream B	Stream B Technology / Management	Codes for stream C	Stream C Social/Humanities/History
	Journalism				
A13	Music and Space	B13	Facility Management	C13	Environmental Psychology
A14	Healthcare Design	B14	Geographic Information System	C14	Ekistics
A15	Hospitality Design	B15	Parametric modelling	C15	Ecology
A16	Industrial Buildings Design	B16	BIM (Building Information Modelling)	C16	Politics and Architecture
A17	Way finding and Navigation	B17	Introduction to Programming and Embedded Design for Architects	C17	Indology
A18	User experience design	B18	Intelligent Building Systems	C18	Affordable Housing

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Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
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SAVITRIBAI PHULE PUNE UNIVERSITY

[Formerly the University of Pune]

DETAILED SYLLABUS OF FIRST YEAR B.ARCH

SEMESTER I AND II

FIVE YEAR DEGREE COURSE IN ARCHITECTURE

TO BE IMPLEMENTED FROM 2019-20

BOARD OF STUDIES IN ARCHITECTURE

FACULTY OF SCIENCE AND TECHNOLOGY

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RECOMMENDED READINGS:

- Poetics in Architecture : Theory of Design by Anthony Antoniadis
- Operative Design: A Catalog of Spatial Verbs Paperback – 1 Jul 2013 by Anthony di Mari
- Pattern Language – Christopher Alexander
- The Design of Everyday Things by Donald Norman
- Architecture : Form Space and Order – Francis D. K. Ching
- Interior Spaces : Francis D K. Ching
- Universal Principles of Design by William Lidwell, Kristina Holden, Jim Butler
- Graphic Thinking for Architects and Planners by Paul Lassau
- Tim Brown – Change By Design
- Elements of Space Making – Yatin Pandya

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BUILDING CONSTRUCTION AND MATERIALS I			
Subject Code 1201902 [THEORY] & 1201903 [SV]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=2, Studio=3, Total=5)		Sessional [CIA 25+EA 25]	50
		Viva [INT 25+ EXT 25]	50
		In-semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	07

COURSE OBJECTIVES:

- To develop a fundamental understanding of basic building elements, their function and behaviour under various conditions with specific reference to load bearing construction.
- To study the principles of designing components of load bearing structures – foundation, plinth, wall, openings etc. with study of materials suitable for load bearing construction.

COURSE CONTENT:

UNIT I Introduction to various building elements from foundation to roof and concept of load transfer.

UNIT II Introduction to building materials with characteristics, common tests, market forms and Applications.

1) Suitable for load bearing construction such as stone, bricks, concrete blocks, soil stabilized blocks, rammed earth construction etc.

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2) Lime mortar; cement mortar; various pointing and plastering techniques and their processes

UNIT III Strip Foundations suitable for load bearing structures in stone and brick up to plinth level including foundation for steps--Plinth formation, DPC-- Introduction to various tools and equipment commonly used in construction.

UNIT IV Load bearing / non load bearing masonry construction using materials such as Stone, bricks, concrete blocks, soil stabilized blocks, rammed earth construction.

UNIT V Introduction to openings, spanning of openings by types of arches and lintels, principles and terminology of arch construction spanning of openings using materials mentioned in unit III.

UNIT VI Introduction to Bamboo as construction material.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK: Hand drawn drawings/Proportionate sketches on Units 4 and 5; Assignments on units 1, 2, 3 and 6 include sketches, notes, market survey and min one model based on unit 4 or unit 5.

OUTCOME: Students will develop a basic understanding of the relationship of materials to construction systems, techniques and methodology with specific reference to load bearing construction

RECOMMENDED READINGS:

- Dr. B.C Punmia (2012) *Building Construction* (10th edition) Laxmi Publications.
- Harold B.Olin, John L. Schmidt (1994) *Construction principles, Materials and Methods*, John Wiley & Sons, Inc.
- Narayanamurty, D.; Mohan, D (1972) *The use of Bamboo and reeds in building construction* ,UNO Publications
- Roy Chudley, Roger Greeno (2016), *Construction Technology*, 11th Edition Routledge.
- S.C.Rangwala (2013) Engineering *materials* (Fortieth edition),Charotar Publishing pvt.ltd.
- S.K. Duggal(2016) *Building materials* (4th edition) -- New age international publishers.
- Willam Morgan (1977)*The elements of structure: An introduction to the principles of building and structural engineering* Distributed by Sportshelf; 2nd edition
- W.B. Mckay (2015) *Building construction Vol. 1* (5th edition), Vol. 2 (4th edition) and Vol. 3 (5th edition).
- Bureau of Indian standards - Handbook on Masonry Design and Construction (First Revision),National Building Code of India 2016 (Volume 1) and I.S.I. Specifications

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Unit 4: C.G and M.I:

1. Concept of C.G and M.I: Formula only of C.G and M.I for rectangular, Triangular, Circular and Semi Circular Shapes. Parallel Axis Theorem and Radius of Gyration: Formula for Radius of Gyration of a Rectangular Shape

Unit 5: Supports and Loads:

1. Supports, Definition, Reactions offered by Simple, Fixed, Hinged and Roller Support.
2. Statically Indeterminate and Determinate Structures and Degree of Indeterminacy. Beams classified as Simply Supported, Cantilever, Over Hanging, Propped Cantilever, Fixed and Continuous:
3. Loads Classified as U.D.L, Point Load & Varying Load.
4. Loads Classified as Dead, Live, Wind, Snow, Seismic.
5. ***Understanding Reactions for 5 Standard Cases:***
    1. Simple Supported Beam with full U.D.L
    2. Simple Supported Beam with Central Point Load
    3. Simple Supported Beam with Eccentric point Load
    4. Cantilevered Beam with Full U.D.L
    5. Cantilevered Beam with End Point Load

Unit 6: S.F.D and B.M.D of Simple Supported Beams Only:

1. Definitions of Shear Force and Bending Moment, Point of Zero Shear, S.F max and B.M max, Relationship Between S.F.D and B.M.D
2. S.F.D and B.M.D of 5 Standard Cases as in Point 6 of Unit 5:

NUMERICAL PROBLEMS TO BE SET AS PER FOLLOWING

1. Calculating Resultant, Equilibrant of a system of Concurrent Forces, and of individual force to get a system of forces into equilibrium. Problems to be limited to 4 forces only, Problems on Parallelogram law of Forces and Lami's Theorem. Problems on Resultant of a system of noncurrent forces as a system of forces in a linear horizontal member/beam only (Points of applications are along or perpendicular to the Beam Axis).
2. Calculating Stress, Strain, Change in Length, Young's Modulus, Stress and change in length for members connected along an axis and in equilibrium due to loads at various points on the axis, Calculating Stress and Load taken by individual materials in a composite Material. Bulk Modulus or Shear Modulus problems kept out of the scope of this syllabus.
3. Calculating width of strip Foundations for given load of super structure.
4. Calculating C.G and M.I to be limited to C, L, T and I Sections only: Also of Symmetrical Rectangular Shapes with Symmetrical Circular cut-outs. M.I of Rectangular Shape about Axis passing through base:
5. Support Reactions for Simply Supported Beams and Cantilevered Beams only (No Overhanging Beams or Inclined Roller Support). Loading to be of U.D.L always with one or two point loads. Problem on calculating dead loads and hence reactions on a beam either simple supported or cantilever beam
6. S.F.D and B.M.D of Simple Supported Beam only with full U.D.L and one or two point loads.

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Unit 2 -Introduction to technical architectural drawing and its components:

- Various Line types: meaning and application.
- Architectural Lettering and dimensioning techniques.
- Architectural annotations and conventions including representation of various building materials and building components.
- Various Standard and Graphic scales and their application.

Unit 3 Plane (two dimensional) and Solid (three dimensional) geometry:

- Introduction to graphical construction of various plane geometrical shapes and their relevance in Architectural Drawings.
- Introduction to various simple/ Euclidian Three Dimensional Solids 's and their generations

Unit 4 Projection Systems in Drawings and graphics

- Introduction to various projection systems used in Architectural drawing; such as Orthographic, Isometric and Axonometric projections to draw and represent various three dimensional Geometrical solid and hollow objects.
- Introduction to importance, meaning and drawing Section/s of various solid and hollow objects including building components

Unit 5 Scale Drawing

- Introduction to Architectural drawings such as Plans, Sections and Elevations of Building using techniques and skills learnt so far.

Unit 6 Sketching:

- Introduction to architectural sketching using various grades of graphite pencil.
- Principles of free hand sketching such as proportions, with primary thrust on sketching of building elements and built environment (indoor and outdoor).

SUBMISSION REQUIREMENT FOR SESSIONAL WORK :
Minimum eight of Manually drafted A1 size drawings covering units 2 to 5. For unit 6 a sketch book has to be maintained with atleast 15 sketches of various types mentioned in unit 6.

COURSE OUTCOME:

- Students at the end of the Semester should be able to comprehend and express nuances of graphic language through various methods learnt.
- Students should be able to communicate various ideas through Architectural Graphic representations including building plans and sections (drafting and sketching).

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Unit 6: Introduction to the traditional Architecture of India with a focus on Maharashtra.

Sessional Work:

- A3 size sheets with sketches- preferably plans and sections- of various buildings discussed in the above units. A minimum of two sheets per unit are required. Minimum twenty buildings should be represented in the sheets across the semester.
- One tutorial.

Course Specific Outcomes:

1. An understanding of architecture, including settlements, landscapes and buildings as a cultural product shaped by various factors.
2. An understanding of the formal, structural, and stylistic aspects of architectural development.

Recommended Readings:

Brown, P. (n.d.). Indian Architecture: Buddhist and Hindu. Delhi: Kiran Book Agency.
Ching, F. D., Jarzombek, M., & Prakash, V. (2011). A Global History of Architecture. New Jersey: John Wiley and Sons Inc.
Dehejia, V. (1997). Indian Art. London: Phaidon.
Desai, M. (2018). Wooden Architecture of Kerala. Ahmedabad: Mapin.
Dhongde, S. R., & Ranade, J. (2009). Aurangabad: Culture, Art, Architecture. Aurangabad: INTACH Aurangabad Chapter.
Fergusson, J. (1891). History of Indian and eastern Architecture. London: John Murray.
Jain, K., & Jain, M. (2000). Architecture of the Indian Desert. Ahmedabad: AADI Centre.
Jain, S. (2004). Havelis: A Living Tradition of Rajasthan. Delhi: Shubhi Publications.
Joshi, O. P. (2010). Tribal Architecture in India. Ahmedabad: Tribal Research and Training Institute.
Juneja, M. (2008). Architecture in Medieval India. Delhi: Permanent Black.
Kanhere, G. K. (1989). Temples of Maharashtra. Mumbai: Maharashtra Rajya Sahitya va Sanskriti Mandal.
Kanhere, G. K. (2013). Temples, Wadas, and Institutions of Pune: A Legacy and Symbolism in Architecture. Pune: BNCA Publication Cell.
Kolkman, R., & Blackburn S. (2014). Tribal Architecture in Northeast India. Leiden: Brill.
Mate, M. S. (2008). Maratheshahi Vastushilpa. Pune: Continental Prakashan.
Pandya, Y. (2013). Concpets of Space in Traditional Indian Architecture. Ahmedabad: Mapin Publisihing.
Pramar, V.S. (2005). A Social History of Indian Architecture. Delhi: Oxford University Press.
Pramar, V.S. (1989). Haveli: Wooden Houses and Mansions of Gujarat. Ahmedabad: Mapin.
Tadgell, C. (1994). The History of Architecture in India. London: Phaidon.
Taschen, A. (Ed.). (2003). Indian Interiors. Berlin: Taschen.
Taschen, A. (Ed.). (2008). Indian Style. Berlin: Taschen.

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PDEA College of Architecture Akurdi, Pune-44

COMMUNICATION SKILLS			
Subject Code 1201907 [SS]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=2, Studio=1, Total=3)		Sessional [CIA 25+ EA 25]	50
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

Communication Skills

Objectives: To enhance skills required for effective communication in Architectural education and practice.

Course Content

Unit 1: Introduction to the various modes of communication and their significance.

Unit 2 : **Written communication**: Paraphrasing, Grammar and punctuation. Developing vocabulary pertaining to architecture and design through reading. Introduction to technical writing and forms of writing in architecture discipline such as site visit report, letters, tour reports, appraisals, email etc.. Expressing ideas and concepts through words.

Unit 2: **Verbal communication**: Presenting an idea/ thought, debate, group discussion. And **Nonverbal aspects of communication** such as body language, posture, stance etc.

Unit 3: **Graphical communication**: Analytical diagrams, info graphics, flow charts, mind maps, posters, logo design.

Unit 4: Use of **Digital tools for communication**: Basics of Word based, numerical based software, and visual presentation techniques such as photography, videography etc.

Sessional work: Minimum 6 assignments to cover the aspects mentioned above. Assignments may be tied up with other subjects in the syllabus, wherever relevant. Assignments to be framed focusing on the profession of architecture.

OUTCOME : At the end of the course the student should be able to communicate fluently in English language and also use tools of communication such as written and graphical for effective communication.

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WORKSHOP I			
Subject Code 1201908 [SS]			
Teaching Scheme		Examination Scheme	
TotalContact Hours per week= (lectures=1, Studio=2, Total=3)		Sessional [CIA 50+EA50]	100
		Viva	NIL
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	100
		Total Credits	02

COURSE OBJECTIVES:

- To Introduce students to the Significance of Model making in Architecture in exploring and representing Massing, form of buildings and spaces
- Introduce to various basic model making techniques and materials their relationship.

COURSE CONTENT :

- Introduction to Importance of Model making in process and communication of Architectural design.
- Introduction to various materials (such as various paper, boards, foam board, wood, etc.) tools and techniques of architectural model making through construction of simple three dimensional objects and simple building models.
  It is expected that the limitations and advantage of all the materials is explained by demonstration/presentation.
  Models should preferably be co-ordinated with other subjects in the curriculum.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK :
Minimum six assignments, with thrust on exploring at least three materials and techniques, understanding their appropriateness for the purpose.

OUTCOME:
Students at the end of Semester should be able to understand relevance of model making both in the process of design and as a Product

RECOMMENDED READINGS :

- John Taylor, Model Building for Architects and Engineers
- Rolf Janke, Architectural Models

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RECOMMENDED READINGS :

- A Pattern language by Alexander Christopher
- Structure in Nature -Strategy for Design- Peter Pearce
- Patterns in Nature - Peter Streens
- Visual thinking- Arnheim Rudolf
- Architecture: Form Space and order _ Francis D.K. Ching
- Rybczynski, Witold. *How the other half builds*
- Jan A. Silva and Leslie Fairweather. *A.J. Metric Handbook*
- Michael Pause & Roger H. Clark. *Precedents in Architecture*
- Gail Greet Hannah (2002). *Elements of Design*
- Bernard Rudofsky (1964). *Architecture without Architects: A Short Introduction to non-pedigreed Architecture*
- Ching Francis D.K.(1979). *Form, Space and Order*
- Ching Francis D.K.(). *A Visual Dictionary of Architecture*
- Christopher Alexander (). *A Pattern Language*
- Christopher Alexander(). *The Timeless Way of Building*
- Robert Summer(). *Design Awareness*
- YatinPandya (). *Elements of Space Making*
- Paul Lassau (). *Graphic Thinking for Architects & Planners*
- Rybczynski, Witold. *How the other half builds*
- Jan A. Silva and Leslie Fairweather. *A.J. Metric Handbook*
- Michael Pause & Roger H. Clark. *Precedents in Architecture*
- *Elements of Design*

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BUILDING CONSTRUCTION AND MATERIALS II			
Subject Code 1201910 [THEORY] & 1201911 [SV]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=2, Studio=3, Total=5)		Sessional [CIA25+EA25]	50
		Viva [INT25+EXT 25]	50
		In-semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	2+5

COURSE OBJECTIVES:

- To develop a fundamental understanding of basic building elements, their function and behaviour under various conditions with specific reference to Timber construction.
- To study the principles of designing components of Timber Structure – Floor, Roofs ,Door, Windows

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- Bureau of Indian standards - Handbook on Masonry Design and Construction (First Revision); National Building Code of India 2016 (Volume 1) and I.S.I. Specifications.

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THEORY OF STUCTURES II			
Subject Code 1201912 [THEORY]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=2, Total=2)		Sessional Viva	NIL
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	02

COURSE OBJECTIVES:

- To Study S.F.D and B.M.D of Overhanging Beams
- To Introduce Lattice Constructions
- To Study the Effect of Forces on a Spanning Members
- To Understand Compression Members

Unit 1: S.F.D and B.M.D Continued:

1. Overhanging Beams on Both Side, Point of Contra flexure, Negative B.M, Representative S.F.D and B.M.D for Beam with Full U.D.L

Unit 2: Frames and Trusses:

1. Introduction to Plane Lattice Construction. Applications of Frames and Trusses with B.T Terminology of Rafters, Purlins etc.: Different Geometry of Trusses e.g. Howe Truss, Fink Truss, N Girder: Perfect Frames, Imperfect Frames, Redundant and Deficient Frames: Assumptions in the Solution of Frames: Effect of Horizontal and Vertical Forces on Frames.

Unit 3: Effect of Force on Spanning Members:

A. Bending Stresses:

1. Assumptions in the Theory of Simple Bending: The Theory of Simple Bending to create Moment of Resistance: Flexural Formula: Stress Distribution across a Section and across the span of the Beam: Moment of Resistance: Section Modulus and how M.R is proportional to square of depth. Why Beams should be deeper than Wider

B. Shear Stresses:

1. Shear Stress Formula: Stress Distribution across a Rectangular, Circular T, L, I, C Section: Differences between Bending Stress Distribution and Shear Stress Distribution across the Section and across the span: Simplified Formula for Rectangular and Circular Section (Hollow and Holid)

C. Deflection:

1. Definition of Deflection and Slope: Maximum and Minimum Slope and Deflection for Cases 1,2,4,5 as defined in semester 1. Double Integration Method of Calculating Deflection and Slope: Derive Formula for Deflection max and Slope max for a Simple Supported Beam with full U.d.l. Formula only for the remaining 3 cases(Omit case of Simple Supported Beam with eccentric point load)

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ARCHITECTURAL GRAPHICS AND DRAWING II			
Subject Code 1201913 [SS]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=1, Studio=4, Total=5)		Sessional [CIA50+EA50]	100
		Viva	NIL
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	100
		Total Credits	03

COURSE OBJECTIVES:

- To enable the students to understand and express Composite three-Dimensional objects and buildings formed by additive and interpenetrated solids using various graphical projection systems including sections.
- To enable the students to communicate an architectural idea / proposal in a legible and effective manner through perspective projections, use of shades and shadows, and various architectural presentation and rendering techniques.

COURSE CONTENT :

Unit 1 Solid Geometry:

- Understanding and drawing of composite and complex three dimensional objects including building components formed by addition and/or interpenetration of various objects. .
- Surface Development of various three dimensional objects.
- Orthographic projections of true shapes of sectional planes.

Unit 2 Perspective Drawing:

- Drawing one-point and two-point perspective of objects and buildings/ building components usingvarious methods including grid method.
- Introduction to concept of bird's eye view, worm's eye view etc

Unit 3 Sciography: Principles of Sciography (shades and shadows) for 3-Dimensional objects and buildings on plans, elevation, isometric and perspective.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK :

- Sessional work should be planned to cover all the units mentioned in course outline with thrust on skill development, accuracy and understanding of the topic.

Unit -1	4 assignments
Unit 2	3 assignments
Unit 3	3 assignments

OUTCOME :

- Students at the end of the Semester should be able to comprehend and express composite solid geometry through sketches and drawings leading to comprehension of building components.

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Unit 6: Architecture of the Peshwa region and Western Maharashtra.

Sessional Work:

A3 size sheets with sketches- preferably plans and sections- of various buildings discussed in the above units. A minimum of two sheets per unit are required. Minimum twenty buildings should be represented in the sheets across the semester.

One measured drawing of a vernacular / traditional building from the region of the college. This can be undertaken as group work with identifiable individual contribution not less than 1 A2 sized sheet.

Course Specific Outcomes:

1. An understanding of architecture as a cultural product shaped by various factors.
2. An understanding of the formal, structural, and stylistic aspects of architectural development.
3. An understanding of Indian architecture of the twentieth century in the context of its historical precedents.

Recommended Readings:

Asher, C. B. (1992). Architecture of Mughal India. Cambridge: Cambridge University Press.
Brown, P. (n.d.). Indian Architecture: Islamic. Delhi: Kiran Book Agency.
Dehejia, V. (1997). Indian Art. London: Phaidon.
Dhongde, S. R., & Ranade, J. (2009). Aurangabad: Culture, Art, Architecture. Aurangabad: INTACH Aurangabad Chapter.
Fergusson, J. (1891). History of Indian and eastern Architecture. London: John Murray.
Juneja, M. (2008). Architecture in Medieval India. Delhi. Permanent Black.
Koch, E. (2014). Mughal Architecture. New York: Midpoint Trade Books.
Mate, M. S. (1961). Islamic Architecture of the Deccan. Pune: Deccan College Research Institute.
Michell, G., & Pasricha, A. (2011). Mughal Architecture and Gardens. Suffolk: Antique Collectors Club.
Michell, G., & Zebrowski, M. (1999). Architecture and Art of the Deccan Sultanates. Cambridge: Cambridge University Press.
Sohoni, P. (2018). The Architecture of a Deccan Sultanate. London: I.B.Tauris.
Tadgell, C. (1994). The History of Architecture in India. London: Phaidon.
Taschen, A. (Ed.). (2003). Indian Interiors. Berlin: Taschen.
Taschen, A. (Ed.). (2008). Indian Style. Berlin: Taschen.
Tillotson, G. (1999). The Rajput Palaces. Delhi: Oxford University Press.

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FUNDAMENTALS OF ARCHITECTURE			
Subject Code 1201915 [SS]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=2, Studio=1, Total=3)		Sessional [CIA25+EA25]	50
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES

To introduce the students to the field of architecture ,its scope and fundamentals

COURSE OUTLINE :

Unit 1 : Introduction to the profession of Architecture and its distinguishing characteristics with respect to other professions.

Unit 2 : Scope of architecture as a discipline

Unit 3 : Fundamentals of architecture -function , structure ,culture and environment and their integration into the architectural form

Unit 4 : Factors affecting architectural design- site, context , function, circulation, structural system, materials ,sustainability and aesthetics.

Unit 5 : Concept of Shelter and introduction to various building typologies and their design concerns

Unit 6: Scope and significance of subjects in architectural curriculum.

SESSIONAL WORK :

A Study journal and tutorial covering all the above mentioned units.
Appraisal report of any one building typology.

RECOMMENDED READINGS :

1. Structure in Architecture – Heller Robert and SalvadoriMario
2. Design Fundamentals in Architecture –Pramar
3. Architecture : Form, Space and order – Francis D. K.Ching

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WORKSHOP II			
Subject Code 1201916 [SS]			
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=1, Studio=2, Total=3)		Sessional [CIA 50+ EA 50]	100
		VIVA	NIL
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	100
		Total Credits	02

COURSE OBJECTIVES:

- To enable students to make Architectural models with various materials during process of Design and Construction studios and as final presentation to express ideas
- Introduction to Digital modeling with basic softwares

COURSE CONTENT :

- Introduction to advanced materials such as balsa wood, polymers/ plastics, cork and the techniques to make Architectural Models
- Introducing computer aided/ Digital 3D Modeling of simple and composite objects as an exploratory tool.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK :

Minimum six number of assignments with thrust on exploring materials & tools (physical as well as digital), understanding their appropriateness for the purpose. At least one of the assignment should be based on the design project and building technology concepts each.

OUTCOME :

Surdents at the end of Semester should be able demonstrate sufficient skills in making architectural models.

RECOMMENDED READINGS :

- John Taylor, Model Building for Architects and Engineers
- Rolf Janke, Architectural Models
- Aidan Chopra, Sketchup-2014 for Dummies

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Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
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Architectural Design II		
Course Code	2201917[SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=6, Total = 7)	Sessional [CIA 100 + EA 100]	200
	Viva [Int 25 + Ext 25]	50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	250
	Total Credits	10

COURSE OBJECTIVE:

To understand Architectural Design as a process generating design brief and taking design decisions based on the following aspects:

- **Socio-Cultural Aspects:** To introduce students to socio-cultural aspects like lifestyle, culture, traditions, and their effect on architectural design etc.
- **Aesthetics:** To understand the Aesthetic aspects of Design (visual and experiential) along with spatial attributes (scale and proportions, volume, texture, light and shadows, etc.) and formal characteristics. (profile, base, corner, termination).
- **Anthropometry & Function:** To address functional aspects of design (activity, use of space, adequacy and efficiency of space for a particular activity, essential adjacencies of spaces, ease and efficiency of circulation, light, ventilation, user-space relationship, vertical connections)
- **Climate:** To understand the Climatic aspects those have a bearing on architectural design and address climatic concerns like adequate light, ventilation, protection from rain, insulation, shading, heat gain, through passive strategies.
- **Building Material and Construction Technology:** To study relevance of various building materials to a project, to get introduced to various expressions of a building material, to introduce a student to the construction technologies relevant to the building materials chosen, to understand the scope and limitations of a building technique to achieve the desired form and space.
- **Building Services:** To understand the spatial and structural implications of basic services involved in building design.
- **Site :** To understand the site and its context, both immediate and wider, in order to enable students to take decisions of zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **Universal Design:** To understand the concept and principles of universal design.
- **Precedent Studies:** To introduce the students to learn from case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

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COURSE OUTLINE:

- Project 1 (Major Project) : A dwelling for a single family or clusters of dwellings for multiple families with area 300 sq.m. to 500 sq.m. The project should explicitly address at least 4-5 aspects of the design decision process from those listed above. The project should be designed without the aid of mechanical means for vertical transportation.
- Project 2 (Minor Project): A time bound assignment Short term project focusing specifically on any one of the aspects mentioned in course objectives/ Hands-on Workshop / Exercise based on detailing any one of the components of Project 1 but with separate deliverables in addition to the deliverable of Project 1.

SESSIONAL WORK:

- Project 1 (Major Project): The student must represent the identification of core design aspect, formulation of design approach and development, and the final design outcome through architectural drawings along with representative details of construction. Along with the drawings, the student must develop the design through a series of models/ 3D visualizations made at various stages.
  Design deliverable for Project 1:
  i. Portfolio A - Architectural drawings and model at an appropriate scale
  ii. Portfolio B - Process drawings / tracings (Recommended)
  iii. Study models of various stage (Recommended)

- For Project 2 (Minor Project): The deliverable in case of a time bound assignment or a design exercise should be a portfolio of drawings and / or model. In case of Workshops the deliverable should be a report to be presented on the day of viva.

COURSE OUTCOME:

- At the end of the course the student is equipped to take design decisions by considering various aspects and methodically evolve a design and communicate it in form of 2D and 3D representations.

REFERENCE BOOKS :

1. Antoniades, A. (1992). The Epic of Gilgamesh: Utility to Metaphor Through the Dawn of Architecture. *IN Epic Space: Towards the Roots of Western Architecture*, 3-18.
2. Sommer, R. (1972). Design awareness.
3. Deasy, C. M. (1974). *Design for human affairs*. Halsted Press.
4. Alexander, C. (1977). *A pattern language: towns, buildings, construction*. Oxford university press.
5. Sealey, A. (1979). *Introduction to building climatology*. Commonwealth Association of Architects.
6. Franck, K. A., Lepori, R. B., & Franck, K. A. (2007). *Architecture from the inside out: from the body, the senses, the site, and the community* (p. 56). London: Wiley-Academy.
7. Salvadori, M. G., & Heller, R. (1963). *Structure in arquitecture* (No. 624). Prentice-Hall.
8. Pandya, Y. (2005). *Concepts of space in traditional Indian architecture*. Mapin Publishing Pvt.
9. Koenigsberger, O. H. (1975). *Manual of tropical housing & building*. Orient Blackswan.
10. Neufert, E., &Neufert, P. (2012). *Architects' data*. John Wiley & Sons.

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11. Chiara, J. D., Panero, J., &Zelnik, M. (1991). *Time-saver standards for interior design and space planning*. McGraw-Hill.
12. Ching, F. D. (2014). *Architecture: Form, space, and order*. John Wiley & Sons.
13. Ching, F. D. (2011). *A visual dictionary of architecture*. John Wiley & Sons.
14. NithyaSrinivasan and KiranVenkatesh., *91 Houses*. InCite
15. Publications by Costford
16. 15a. Laurie Baker. *Brickwork*. Costford
17. 15b. Laurie Baker. *A Manual Of Cost Cuts For Strong Acceptable Housing*. Costford
18. 15c. Laurie Baker. *Houses : How to reduce building costs*. Costford
19. 15d. Laurie Baker. *Mud*. Costford
20. 15e. Laurie Baker. *Rubbish by Baker*. Costford
21. 15f. Laurie Baker. *Earthquake*. Costford
22. 15g. Laurie Baker. *Rural Community buildings*. Costford
23. 15h. Laurie Baker. *Chamoli Earthquake Hand Book*. Costford
24. 15h. Laurie Baker. *Rural House plans*. Costford
25. 15h. Laurie Baker. *Are Slums In-evitable*. Costford
26. 15h. Laurie Baker. *Alleppey : Venice of the East*. Costford
27. 15h. Laurie Baker. *Rainwater Harvesting*. Costford
28. Arvind Krishnan, (2001) *Climate Responsive architecture.Tata McGraw Hill*
29. It is strongly recommended that students are exposed on the books on works of Master architects

Building Construction and Materials III		
Course Code	2201918 [P]& 2201919 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=3, Total = 5)	Sessional [CIA 25 + EA 25]	50
	Viva [Int 25 + Ext 25]	50
	In semester exam	30
	End Semester exam	70
	TotalMarks	200
	Total Credits	07

COURSE OBJECTIVES:

- To introduce students to soil study, its relevance to foundation.
- To introduce students to different building materials related to RCC construction.
- To understand basic principles of RCC construction w.r.t. smaller spans.

COURSE CONTENT:

UNIT I

- Introduction to Soil study &Foundation Study of different types of soils and their bearing capacities; Concept of bulb of pressure and its significance for site investigation, Introduction to methods of site and strata investigation

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- Introduction to different types of shallow foundations and footings and their application in construction

UNIT II:Reinforced Cement Concrete

- Cement: Composition of cement, properties, grades of cement& various types of cement and their uses
- Introduction to concrete as a material--Study of its ingredients viz. binding material, fine aggregate, coarse aggregate andwater cement ratio, storage of materials on site, understanding good quality material; field & lab tests involved
- Various concrete mixes and their application in construction, and workability of concrete, Various types of cement concrete, the properties and application, additives and admixtures used in concrete
- Concreting: form work for concreting, mixing, transporting and placing, consolidating and curing of concrete.
- Reinforcement ---steel, grades of steel and steel-mesh reinforcement; along with role of reinforcement in RCC.
- Introduction to the concept of Precast Concrete.

UNIT III Reinforced Cement Concrete Construction upto plinth

- RCC frame structure for smaller spans generally applicable to residential structures, along with earthquake resistant features, reference of a RCC drawing
- R.C.C structural details up to plinth viz. footings, external and internal plinth beams, with plinth formation, with details for toilet block at plinth level.

UNIT IV Reinforced Cement Concrete Construction in superstructure

- Construction of columns, beams for various types of end conditions
- R.C.C floor slab details, viz. one-way, two-way slabs with different end conditions, column-beam-slabjunction with details for toilet block, also lintel & weather-shed

UNIT V Windows in non- timber materials

- Study of non-timber windows with materials like Steel-framed, aluminum, UPVC and their construction details.

UNIT VI Flooring & paving materials

- Different flooring & paving types that are cast-in-situ viz. Mud flooring, Brick flooring, Indian Patent Stone finish, Terrazzo flooring etc. and readymade tiles available in market viz. natural stone tiles / slabs, mosaic cement tiles / blocks, ceramic tiles, vitrified tiles and other modern materials, including the process of providing or laying the flooring and pavement
- Floor finishes of various materials viz. carpet, linoleum, rubber, PVC etc.

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SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

Hand drafted drawings on Units 3 and 4 to cover all the aspects of course outline in sufficient detail; Assignments on units 1, 2, 5 and 6 to include sketches, notes, market survey.Site visits for unit 3 and 4 should be conducted and presented in report form.

OUTCOME: Students will develop a basic understanding of the relationship of materials to construction systems, techniques and methodology with specific reference to reinforce cement concrete construction; an understanding of the concepts of concrete as a building construction material.

RECOMMENDED READINGS:

- Dr. B.C Punmia (2012) Building Construction (10th edition) Laxmi Publications.
- Harold B.Olin, John L. Schmidt (1994) Construction principles, Materials and Methods, John Wiley & Sons, Inc.
- Roy Chudley, Roger Greeno (2016), Construction Technology, 11th Edition Routledge.
- S.C.Rangwala (2013) Engineering materials (Fortieth edition), Charotar Publishing pvt.ltd.
- S.K. Duggal (2016) Building materials (4th edition) – New age international publishers.
- Willam Morgan (1977)The elements of structure: An introduction to the principles of building and structural engineering distributed by Sportshelf; 2nd edition.
- W.B. Mckay(2015) Building construction Vol. 1 (5th edition), Vol. 2 (4th edition) and Vol. 3 (5th edition).
- National Building Code of India 2016 (Volume 1) and relevant I.S.I. Specifications.

Theory of Structures IV		
Course Code	2201920[P]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=0, Total = 2)		
	In semester exam	30
	End Semester exam	70
	TotalMarks	100
	Total Credits	02

COURSE OBJECTIVES:

1. *To Understand Fixity and Continuity. To understand the action of Torsion*
2. *To Understand Loading on Buildings* and *Different Design Methodologies*
3. *To Understand Wood as a Material, as a Structural Material and to Design Wooden Beams*
4. *To Understand Concrete as a Material and To Design small spanned R.C.C Super Structures*

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Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

COURSE OUTLINE:

Unit 1: Fixed and Continuous Beams:

1. Fixed Beam as a statically in-determinate structure. Concept of Negative Bending Moment at supports. Advantages and Disadvantages over Simple Supported Beams.Fixed End Reactions for u.d.l, central and eccentric point load (No derivations). Simple Numerical with full u.d.l and one central point load or one eccentric point Load
2. Theory only of Continuous Beams. Concept of continuity over supports and Typical B.M.D to explain the negative B.M.D over supports using I.S.456 coefficients for 3 or more, more or less equal spans. Enlist methods for computing B.M.D. Advantages and Disadvantages over Simple Supported Beams.
3. Theory only to Introduce Torsion and its applications.

Unit 2a: Loading on Buildings and Design Methodologies:

1. Theory only of Listing of all Loads acting on a Structure in single line Definitions. Study of Live Load (as per I.S.875 Part 2), Dead Load, Wind Load and Seismic Load and Snow Load in Detail
2. Theory only of Various Design Methodologies in Brief. Study of **Working Stress Method** in Detail. Understanding the application of Factors of Safety. Advantages and Dis-advantages of W.S.M compared to other methods.

Unit 2b: Wooden Structures:

1. Study of Wood as a Material and as a Structural Material, Its Advantages and Dis-advantages. Theory only of Form Factors
2. Numerical on Design of a Primary Wooden Flexural Member (Without Secondary Beams) either as a Simple Supported Beam or a Cantilever, with Simple Loading and depths limited to 300mm.Theory only Framing of Floors using Secondary and Primary Beams

Unit 3: Concrete Material and L.S.M:

1. Theory only of use of I.S.456. To Understand Concrete as a material, it's Grades, all the individual constituents, their sizing, proportioning, Production of Concrete. Testing of Concrete w.r.t. listing various tests and studying Slump and Compressive Strength Test in Detail. Form work and Stripping as per I.S.456
2. Theory only of Steel Used in R.C.C, Why steel only, its properties, forms and suitability in various R.C.C elements.
3. Theory only of Limit State Method – Philosophy, Various Limit States and their care in R.C.C. Span to Depth Ratios for Various R.C.C Elements. L.S.M Flexural Diagram for M25 grade and Fe500 steel. Derivations of Flexural Formula for Balanced Section. Annotations in a Standard R.C.C Flexural Section like Depth Overall, Depth Effective, Cover and its importance and values as per I.S.456

Unit 4: Design of R.C.C Slabs for Small Spans (L.S.M for Flexure only):

1. Concept of One Way – Two-Way Slab, Importance of Distribution Steel and I.S.Provisions.
2. Numerical on Design of One Way Slab and Design of Two Way Slab

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3. Numerical on Design of Cantilever Slab resting on a Beam (Beam Torsion in theory only)
4. Numerical on Design of Small Slabs like Toilet Sunken Slabs with Inverted Beams, Passage Slabs, Chajjas with Minimum Depth, Minimum Area of Steel with minimum/ maximum standards of Spacing.

Unit 5: Design of Beams (L.S.M for Flexure and Shear):

1. Numerical on Design of Simple Supported R.C.C Beams including Transfer of Load from Slab to Beam for one way slab only,
2. Theory only for Detailing in for a Beam supporting a Cantilever Porch

Unit 6: Design of Short R.C.C. Columns (L.S.M for Compression):

1. Definition of Short R.C.C. Columns. Various I.S.Provisions for Compression Members.Numerical on Design of Short R.C.C. Columns including Transfer of Load from Beam to Column

Course Outcome: *At the end of semester student develops*

1. *The understanding of the concepts of Fixity, Continuity and Torque*
2. *The Skills to Design small spanned Wooden Beams*
3. *The Skills to Design Small Spanned R.C.C Structure w.r.t Slabs, Beams and Columns and use it for his B.C.M and W.D. subjects*

Reference Books

1. Design of R.C.C. Structures by H.J.Shah
2. Design of R.C.C. Structures by Punmia and A.K.Jain
3. Design of Reinforced Concrete Structures by N.Krishnaraju
4. R.C.C Theory and Design by Dr. V.L.Shah and Dr.S.R.Karve
5. Strength of Materials by A.P.Dongre
6. Design and Analysis of Steel Structures by V.N.Vazirani. M.M.Ratwani and Vineet Kumar (For Wooden Structures Unit 2b)

Computer Aided Drawing and Graphics			
Subject Code		2201921[SS]	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=3)	04	Sessional [CIA 25 + EA 25]	50
		In semester exam	
		End Semester exam	
		TotalMarks	50
		Total Credits	02

COURSE OBJECTIVES:

- To enable the students to communicate an architectural idea / proposal in a legible and effective manner through various architectural presentations and rendering techniques.
- To enable the students to generate simple architectural drawings using **Computer Aided Drawing**
- To enable the students to express their design ideas through various sketching techniques

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COURSE OUTLINE:

Unit 1 Graphics:

- Introduction to various mediums for architectural presentations invarious drawing formats (minimum two mediums)
- It is recommended to work on presentation drawings for any Architectural design project A set of drawing shall include rendering of Plans, Elevations, Sections with internal and external perspective views.

Unit 2 Computer Aided Drawing:

- Introduction to basics of Computer Aided Drawing with basic commands for Drawing, sufficient to construct simple geometrical shapes and 3D objects.
- Advance commands in CAD such as Setting Drawing parameters, Layer controls, Hatching, Model and paper space settings etc.
- Drafting single building from Semester II Design on CAD.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

Sessional work should be planned to cover all the units mentioned in course outline with thrust on skill development, accuracy and understanding of the topics.

Unit 1	Demonstration of presentation techniques in various drawing formats (minimum two mediums) to include external perspective and internal perspective of students' own architectural design.	2 assignments [hand drawn]
Unit 2	CAD drawings (Plan, Section/s Elevation/s) with layers , hatch and dimensions from Semester II Design project	2 assignments
	CAD Drawings of orthographic solid objects studied in Semester II	2 assignments

OUTCOME :

- Students should be able to comprehend and express nuances of graphic language through various presentation techniques and methods learnt.
- Students should be able to communicate various ideas through architectural graphic representations (drafting and sketching).

RECOMMENDED READING:

Burden, E. E. (1971).*Architectural delineation: a photographic approach to presentation*. McGraw-Hill Companies.
Holmes, J. M. (1954). *Applied perspective;: The theory and application of perspective for architects, painters, and draughtsmen*. s.l.:s.n
Capelle, F. W. (1969).*Professional perspective drawing for architects and engineers*.s.l.:s.n
Schaarwachter, G. (1967).*Perspective for the Architect*.Thames and Hudson.
Sha Publishing Co. Ltd,:Interior perspective in Architectural Design- Japan Graphics
Japan Publishing Co: Modern Architectural Rendering best 180
Japan Publishing Co: Perspective Drawings of Modern Architecture
Japan Publishing Co: Air brushing in rendering
Shankar Mulik: Perspective and Sciography

HISTORY OF ARCHITECTURE AND CULTURE III

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Course Code		2201922[SS]	
Teaching Scheme		ExaminationScheme	
Total Contact Hours per week= (lectures=1, Studio=2, Total=3)		Sessional [CIA 25+EA 25] Viva	50 NIL
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	50
		Total Credits	02

Course Objectives:

1. To understand the development of European architecture through the historical period till 17th century AD.
2. To understand the relationship of religion and society with architecture
3. To understand the drivers of change, revival, and evolution of architecture

Course Outline:

Unit 1: Greek architecture including Greek temples, domestic architecture, public architecture, city planning, and the Acropolis.

Unit 2: Roman architecture including domestic architecture, public architecture, architecture of the forums, urban planning, structural innovations, forms, materials and techniques of construction.

Unit 3: Early Christian architecture including adaptation of Roman models, early church prototypes, Byzantine architecture

Unit 4: Early medieval manors, monasteries, Romanesque churches

Unit 5: Gothic architecture and developments therein with reference to church plans, structural techniques, and ornamentation, Gothic churches and cathedrals

Unit 6: Renaissance and resultant architecture including works of Andrea Palladio, Michelangelo, Brunelleschi. Works of Sir Christopher Wren and Inigo Jones. Post-Renaissance and Baroque architecture

Sessional Work:

- Minimum 25 representative buildings of the periods under study should be represented in Plans, sections and views- of various buildings discussed in the above units.
- One measured drawing and digital documentation of any site/ building / or part/features of the building related to the course content studied.. This can be undertaken as group work with identifiable individual contribution.
- One tutorial.

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Course Specific Outcomes:

1. An understanding of architecture as a product shaped by various factors like religion and society.
2. An understanding of the formal, structural, and stylistic aspects of architectural development.
3. An understanding of the factors that bring about the processes of change in architectural manifestations and its meanings.

Recommended Readings:

Anderson, Christy. Renaissance Architecture.Oxford University Press, 2013.
Ching, Francis D K, Mark Jarzombek, VikramadityaPrakash. A Global History of Architecture.John Wiley and Sons, 2011.
Fletcher, Sir Banister and Dan Cruickshank. Sir Banister Fletcher's A History of Architecture On The Comparative Method. Architectural Press, 1996.
Frankyl, Paul. Gothic Architecture.Yale University Press, 2001.
Lawrence, A W. Greek Architecture. Yale University Press, 1957.
Summerson, John. The Classical Language of Architecture.Thames and Hudson, 1980.
Ward-Perkins, J B. Roman Imperial Architecture.Yale University Press, 1992.

Building Services I		
Course Code	2201923 [P] & 2201924 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=2, Total =4)	Sessional [CIA 25 + EA 25]	50
	In semester exam	30
	End Semester exam	70
	TotalMarks	150
	Total Credits	03

COURSE OBJECTIVES:

To make students understand the Plumbing scope in the MEP services integration. To introduce students to following Plumbing Services in low, medium and high rise buildings and inculcate them the integration of services required in architectural design.
This term aims at following services:

- Systems for hot and cold water supply in a building premises
- Systems for Sewage, Sullage, Storm water & and its disposal within or from building premises.

COURSE OUTLINE:

Introduction to sourcing, storage, and distribution of hot and cold water in building premises including the study of all necessary components involved and their installation.

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To introduce students to drainage systems viz. collection, conveyance & disposal of sewage, sullage and
Effluents from building premises, including methods, components and apparatus involved.

UNIT I Water supply - I

1.1 Principles and techniques of supplying water
- Treatment of water
- Concept of Pressure head
- Flow through pipes

1.2 Tapping of water mains on street by means of Ferrule
1.3 Requirement, Storage and distribution of water in building premises
- Sizing of Water tanks
- Static water storage requirements (Fire Tank)
- Collection and Storage systems
- Types of Pumps and applications
- Storage and Distribution in High rise buildings

1.4 Pipes and piping network
- Materials of Pipes
- Joinery
- Installation techniques

1.5 Various control valves and their applications

UNIT II Water supply - II

2.1 Types of Taps, Faucets, Fittings and advanced proprietary systems used in baths, kitchen and WC units.
2.2 Provisions, Installations and applications of above.

UNIT III Hot Water Supply.

3.1 Systems of hot water supply using conventional and non-conventional energy sources.
- Instantaneous and Centralized
- Direct system and In-Direct system
- Components and Equipment used for the same.

3.2 Piping Insulation, safety and special considerations in piping network.
3.3 Failures, precautions, and safety measures
3.4 Information on other Circulation systems i.e. ring system, up-feed/ down-feed systems, etc. and its application.

UNIT IV Drainage-I (Vertical Drainage systems)

4.1 Introduction to various sanitary fittings with necessary knowledge of provisions to be made and their Installations.
- Sanitary fittings like Wash basins, Sinks, Bathing units, Water Closets (Indian and European), Urinals
- Selection criteria and variations in Installing and provisions to be made for same
- Assembling, combining and coordinating them in washing, bathing and WC units

4.2 Study of various Traps, with their working and applications.
- All types of traps and their installation.

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4.3 Pipes and piping network. Techniques of Vertical drainage system in shafts, ducts and external face of **low, medium and high rise buildings.**

- Study of service Shafts, Ducts, Floors
- Single and double stack systems with part and full ventilation.
- Pipe materials, their classification and methods of Installation
- Special fittings used for - jointing and installations.
- Special fittings for High rise buildings (vent system, Expansion chambers, Pressure relief lines, Bypass Socket etc)
- Anti-Syphonic system of ventilation in drainage system

UNIT V Drainage-II (Horizontal Drainage system)

5.1 Techniques of underground drainage systems for waste water, effluents and sewage. Principle and concept of self-cleansing velocity in flow through pipes. Techniques in laying, leveling, planning, aligning, testing, inspection and maintenance

- Invert levels, Gradients, Access point planning
- Types of Chambers, Sumps, Channels, Shafts, service corridors, catch basins
- Ventilation of drainage system.
- Connection to Main Sewer Drain on Road side

5.2 Rainwater drainage system and surface runoff methods

- Storm water drainage systems.
- Invert levels, Gradients
- Sedimentation tanks and catch basins
- Rainwater harvesting methods

UNIT VI Sewage Treatment and Disposal

6.1 Disposal within the Premises.

- Septic tanks, its function, types and design (Sizing).
- Maintenance of Septic tank.

6.2 Waste Water and Sewage treatment plant (Large and Compact)

- Introduction to Waste water treatment plant
- Introduction to sewage treatment plant
- Decentralized waste water treatment

6.3 Bio-Gas plant and its functioning

SESSIONAL WORK

1. Illustrative Sketches of Installations of Bathroom accessories and Sanitary ware showing water inlet connection and Drain provisions
2. Preparing internal Water supply and Drainage layouts for Residential toilets, Kitchen and Public Toilets
3. Preparing external water supply and drainage layouts for individual Bungalow with septic tank
4. Preparing external water supply and drainage of a building site having more than one building on the site and connectivity to City Municipal Supply and Drain

- The drawing assignmentsto bebased upon the theory learnt and supported with necessary drawings and calculations (70% weightage).
- Visits to construction sites and preparing site visit reports, market survey and finding out latest trends and new materials (30% weightage)

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RECOMMENDED READING

- NBC 2016 Vol 2, Part 9, Sections (1, 2, 3)
- Handbook on Water supply and Drainage - BIS SP 35 1987
- Building Services Handbook - Fred Hall & Roger Greeno
- Sanitation, Drainage and Water Supply - Mitchell.
- IPC 2018 (International Plumbing Code)
- Plumbing – Design &Practise – S G Deolalikar
- Environment and Services - Peter Burberry.

Climatology		
Course Code	2201925 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=2, Total = 3)	Sessional [CIA 25 + EA 25]	50
	In semester exam	
	End Semester exam	
	TotalMarks	50
	Total Credits	02

COURSE OBJECTIVES:

To understand climate as a determinant of architectural design and to enable the students to evolve climate responsive design.

COURSE OUTLINE

Unit I:

1. Understanding the Earth-Sun relation and context of what shapes climate.
2. Elements of climate and understanding climate at different scales ie, global, regional, macro and micro.

Unit II:

1. Global Climate classification
2. Climatic zones of India and its classifications

Unit III:

1. Introduction to passive design strategies at various scales ie urban, building and building component scale.

Unit IV:

1. Introduction to concept of Thermal Comfort in buildings.

Unit V:

1. Introduction to various tools like sun path, bioclimatic chart, site analysis matrix etc that are used to study sun movement, wind and comfort in buildings.

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SESSIONAL WORK

- Individual Assignment to apply the various tools like sun path and bioclimatic chart in building element design etc.
- Group work to study contemporary and vernacular architectural case studies in India with climate responsive architecture and passive design strategies.
- Minimum two tutorials on all the units.

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COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Architectural Design III		
Course Code	2201926 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=6, Total = 7)	Sessional [CIA 100 + EA 100] Viva [Int 25 + Ext 25]	200 50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	250
	Total Credits	10

COURSE OBJECTIVE:

To understand Architectural Design as a process of generating design brief and taking design decisions based on the following aspects:

- **Socio-Cultural Aspects:** To introduce students to socio-cultural aspects like lifestyle, culture, traditions, and their effect on architectural design etc.
- **Aesthetics:** To understand the Aesthetic aspects of Design (visual and experiential) along with spatial attributes (scale and proportions, volume, texture, light and shadows, etc.) and formal characteristics. (profile, base, corner, termination).
- **Anthropometry & Function:** To address functional aspects of design (activity, use of space, adequacy and efficiency of space for a particular activity, essential adjacencies of spaces, ease and efficiency of circulation, light, ventilation, user-space relationship, vertical connections)
- **Climate:** To understand the Climatic aspects those have a bearing on architectural design and address climatic concerns like adequate light, ventilation, protection from rain, insulation, shading, heat gain, through passive strategies.
- **Building Material and Construction Technology:** To study relevance of various building materials to a project, to get introduced to various expressions of a building material, to introduce a student to the construction technologies relevant to the building materials chosen, to understand the scope and limitations of a building technique to achieve the desired form and space.
- **Building Services:** To understand the spatial and structural implications of basic services involved in building design.
- **Site :** To understand the site and its context, both immediate and wider, in order to enable students to take decisions of zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **Universal Design:** To understand the concept and principles of universal design.
- **Precedent Studies:** To introduce the students to learn from case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

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COURSE OUTLINE:

- **Project 1 (Major Project):** A design project that introduces the concept of site planning with multiple built spaces with an area 1000 sq.m. to 1500 sq.m.. This project should house a variety of core and allied activities requiring built, open, and transition spaces. The project should explicitly address at least four aspects of the design decision variables from those listed in course objectives.
- **Project 2 (Minor Project):** The students must undergo a Settlement study / study tour in a region with which is different in terms of socio geographic characteristics than the place where the institute is located.A short term project or eskee based in the settlement the students have studied.

SESSIONAL WORK:

- **Project 1 (Major Project):** The student must represent the identification of core design aspect, formulation of design approach and development, and the final design outcome through architectural drawings along with a narrative and representative details of construction. Along with the drawings, the student must develop the design through a series of models/ 3D visualizations made at various stages.
  Design deliverables -
  i. Portfolio A - Architectural drawings and model at an appropriate scale
  ii. Portfolio B - Process drawings / tracings (Recommended)
  iii. Study models of various stage (Recommended)
- **Project 2 (Minor Project):** The Study Tour documentationcovering details from whole to part and must include narratives, sketches, scale drawings, photographs. It may additionally have information presented in any other formats in addition to the ones mentioned above. The short term project or eskeeto be presented in form of drawings to explain the scheme.

COURSE OUTCOME :

- At the end of the course the student is equipped to take design decisions by considering various aspects and methodically evolve a design where two or more buildings are to be planned on a site and communicate it in form of 2D and 3D representations.

REFERENCE BOOKS

2. Lynch, K., Lynch, K. R., & Hack, G. (1984). *Site planning*. MIT press.
3. Rybczynski W. (1984). *How the Other half builds, Volume 1 : Space.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
4. Carlos Barquin (1986). *How the Other half builds, Volume 2 : Plots.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
5. Vikram Bhatt. (1990). *How the Other half build, Volume 3 : Self selection Process.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
6. Rapoport, A. (1969). *House form and Cultua.* Prentice-Hall of India Private Ltd.: New Delhi, India.
7. Correa, C. (2010). *A place in the shade the new landscape & other essays*. Penguin Books India.

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8. Dave, B., Thakkar, J., Shah, M., & Hāṇḍā, O. (2013). *Prathaa: Kath-khuni Architecture of Himachal Pradesh*. SID Research Cell, School of Interiour Design, CEPT University.
9. Kanvinde, A., & Miller, H. J. (1969). *Campus design in India: experience of a developing nation*. Jostens/American Yearbook Company.
10. Adler, D. (2007). *Metric handbook*. Routledge
11. Neufert, E., &Neufert, P. (2012). *Architects' data*. John Wiley & Sons.
12. Gropius, W. (1956). *Scope of total architecture*. London: G. Allen &Unwin.
13. Giedion, S. (1967). *Space, time and architecture: the growth of a new tradition*. Harvard University Press.
14. Gibbered, Fredrick: Town Design.
15. David Gosling, Gordon Cullen – Visions of Urban Design.
16. Bawa, G., & Robson, D. (2002). *Geoffrey Bawa: the complete works*. Thames & Hudson..
17. Scheer, B. C. (2017). *The evolution of urban form: Typology for planners and architects*. Routledge.
18. It is strongly recommended that students are exposed on the books on works of Master architects

Building Construction and Materials IV		
Course Code	2201927 [P]& 2201928 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=3, Total = 5)	Sessional [CIA 25 + EA 25] Viva [Int 25 + Ext 25]	50 50
	In semester exam	30
	End Semester exam	70
	TotalMarks	200
	Total Credits	07

COURSE OBJECTIVES:

- To understand basic principles of RCC construction w.r.t. Cantilever slabs, Staircase.
- To introduce students to vertical transportation systems.

COURSE CONTENT:

UNIT I Cement Concrete types

- Types of special concretes, to include lightweight concrete, ready-mixed concrete, ferro-cement etc; study of its ingredients viz. along with storage of materials on site, understanding good quality material and field & lab tests involved.

UNIT II Damp- & Water-Proofing

- Causes of dampness and reasons for damp- & water-proofing,Different methods or treatments of damp- & water-proofingbrick on edge, rough Shahabad stone, bitumen sheets,

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plastic sheets, epoxy resins and metallic water proofing materials and other proprietary materials application of the above in construction for terraces, chhajja, toilet slabs etc.

UNIT III Reinforced Cement Concrete Construction

- R.C.C structural details for balcony slabs, canopies and Construction of various types of pre-cast and in-situ RCC stairs, along with earthquake resistant features, reference of a RCC drawing

UNIT IV Vertical Transportation: Lifts, Escalators & Conveyors

- Study of elevators, escalators, conveyors – types, size, capacity, speed and Mechanical safety methods, provisions in civil work for installation of elevators and escalators

UNIT V Sliding & Sliding folding doors, Bay window

- Study of Various types of sliding and folding doors and
- Construction of Bay Window

UNIT VI Glass, Plastics

- Glass as a building material, brief history of its use through examples. Manufacture, properties and uses of glass. Various types of glass and its application in building construction
- Plastic as a building material; its properties, types, uses and application of plastics in building industry.
- Different types of adhesives and sealants used in building construction

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

- Hand drafted drawings on Units 3 and 5 to cover all the aspects of course outline in sufficient detail;; Assignments on units 1, 2, 4and 6 include sketches, notes, market survey and site visits.

OUTCOME:

- Students will develop an understanding about concrete and its variants and artificial materials such as glass and plastic and their application in construction. Students will be developing knowledge about the vertical transportation systems and their design and construction requirement.

RECOMMENDED READINGS:

- Dr. B.C Punmia (2012) Building construction (10th edition) Laxmi Publications.
- Harold B.Olin, John L. Schmidt (1994) Construction principles, Materials and Methods. John Wiley & Sons, Inc.
- Roy Chudley, Roger Greeno (2016), Construction Technology, 11th Edition Routledge.
- S.C.Rangwala (2013) Engineering materials (Fortieth edition),Charotar Publishing pvt.ltd.
- S.K. Duggal (2016) Building materials (4th edition) – New age international publishers.

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- Willam Morgan (1977) The elements of structure: An introduction to the principles of building and structural engineering Distributed by Sportshelf; 2ndedition.
- W.B. Mckay (2015) Building construction Vol. 1 (5th edition), Vol. 2 (4th edition) and Vol. 3 (5th edition).
- Central Public works Department CPWD), IBC, CEAI & CCPS. Guidelines on use of Glass in Buildings - Human Safety.
- National Building Code of India 2016 (Volume 1) and relevant I.S.I. Specifications.

Theory of Structures IV		
Course Code	2201929 [P]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=0, Total = 2)		
	In semester exam	30
	End Semester exam	70
	TotalMarks	100
	Total Credits	02

COURSE OBJECTIVES:

1. To continue the study of Design of Various Elements of a R.C.C Super Structure.
2. To Study Steel as a Material and get Introduced to various Steel Sections and their appropriate Use
3. To Design Girders and Stanchions in L.S.M asper I.S.800-2007

Unit 1:Design of R.C.C Slabs Continued:

1. Theory only of Different ways of supporting a Balcony
2. Numerical of Design of a Cantilever Slab as an Overhanging Slab

Unit 2: R.C.C Beams Continued:

1. Numerical of Design of Cantilever Beams to support Balcony Slabs
2. Concept of Under Reinforced, Balanced and Over Reinforced Sections. Numerical on Analysis of a Given Beam with Strain Diagrams
3. Audit of a Load Bearing Structure for various Structural and Non-Structural Elements

Unit 3: Design of R.C.C Slabs Continued:

1. Numerical of Design of Dog Legged Staircase with Beams at Various Positions:
2. Theory only on Support Systems and Reinforcement Detailing in the following Cases

- Stringer Beams - End Stringer Beams with S.S Slabs Treads.
- Stringer Beams - Central Stringer Beams with cantilever Slab Treads.
- Folded Plate Staircases.

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- Open Well Staircases.
- Dog-legged Staircase with Various Beam Positions.
- Numerical of Design of One Way Continuous Slabs - 3 equal spans using I.S.456 Coefficients.

Unit 4: Introduction to Steel Structures:

1. Theory only of Elements of Steel Structures - Steel Framed Multiple Floors and Buildings with Trusses.
2. Standard Lay Out of Factory or Trussed Buildings in Plan and Section. Plan to include Store Areas, Loading Platforms. Section to Include Cladding.
3. Study of Steel as a Material and Use E250 Steel as Structural Steel. Reading of Steel Tables. Different Structural Steel Sections. Identifying the Sections to be used for Girders, Stanchions, Compound Stanchions, and Struts etc.

Unit 5: Design of Steel Structures:

1. Theory only L.S.M or Plastic Design in steel - Various Limit States, Prevention of Dis-Proportionate Collapse, Development of Plastic Hinges, Plastic Moment, Section Modulus Plastic, Plastic Neutral Axis and Shape Factor, Various Partial Factors of Safety, All as per I.S.800 2007
2. Numerical of Design of Small Span Girders for Lofts and Balconies and Large Spans for creating Floors in Industrial Buildings, including Classification of Sections into Plastic, Compact and Semi Compact.
3. Numerical of Design of Stanchions. Theory only of connections to Girders to Stanchions and Stanchions to Base Pads.

Course Outcome: *At the end of course student develops*

1. *The understanding of supporting Balconies and Staircases*
2. *The Understanding of Dividing Larger Rooms in Smaller One Way or Two Way Slab Units*
3. *The Understanding of Steel as a Material and Various Steel Sections and their use.*
4. *The understanding of using Steel Girders and Stanchions*

Reference Books

1. Design of R.C.C. Structures by H.J.Shah
2. Design of R.C.C. Structures by Punmia and A.K.Jain
3. Design of Reinforced Concrete Structures by N.Krishnaraju
4. R.C.C Theory and Design by Dr. V.L.Shah and Dr.S.R.Karve
5. L.S.Design of Steel Structures by S.K.Duggal
6. Design of Steel Structures By Limit State Method as per I.S.800- 2007 By S.S.Bhavikatti

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Environmental Science		
Course Code	2201930 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=2, Total = 3)	Sessional [CIA 25 + EA 25]	50
	In semester exam	-
	End Semester exam	-
	TotalMarks	50
	Total Credits	02

COURSE OBJECTIVES:

Basic introduction to Multidisciplinary nature of environmental studies with focus on

- Natural Resources
- Eco Systems
- Biodiversity and its conservation
- Environmental Pollution
- Environment Legislation and Social aspects of environment
- Environment friendly buildings

COURSE CONTENT:

Unit I –Natural Resources-Land, water, forest, energy and food

Unit II -Concept of Eco Systems with structure and functions

- Biochemical cycles
- Different ecosystems such as forest ecosystem, grassland ecosystem, desert ecosystem, aquatic ecosystems (ponds, lakes, streams, rivers, estuaries, oceans)

Unit III -Biodiversity

- Value of biodiversity: consumptive, productive use, social, ethical and aesthetic
- Treats to biodiversity and conservation of biodiversity(in-situ and ex-situ)

Unit IV - Environmental Pollution

- Causes, effects and control measures of air pollution, water pollution, soil pollution, marine pollution noise pollution, thermal pollution and nuclear hazards

Unit IV –Environment Legislation and Social aspects of environment

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- Basic Introduction to Environment Protection Act, Air (Prevention and Control of Pollution) Act, Water (Prevention and Control of Pollution) Act, Wildlife Protection Act and Forest Conservation Act
- Environment and human health, human rights and value education for environmental awareness
- Basic introduction to Environment clearance for construction projects
- Brief introduction to the concept of "green buildings" and green building rating systems.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

- Journal on each unit with basic concept, definitions and case studies
- Seminar/essay on any one current environmental issue and its interconnectedness with architecture/development

OUTCOME:

Students should be able to grasp the interdisciplinary nature of environment science and its interdependence on development and society. They should be able to think holistically about environment when taking architectural design decisions

RECOMMENDED READINGS:

1. Textbook for Environmental Studies for undergraduate courses of all branches of higher education, ErachBharucha for University Grants Commission
2. Objective Environmental Science, B.B.Singh
3. Fundamentals of Environmental Studies ,MahuaBasu and S.Xavier
4. Environment and Development,1st Edition, Basic Principles, Human Activities, and Environmental Implications, Editors: Stavros PoulopoulosVassilisInglezakis

HISTORY OF ARCHITECTURE AND CULTURE IV			
Course Code		2201931 [SS]	
TeachingScheme		ExaminationScheme	
TotalContact Hours per week= (lectures=1, Studio=2, Total=3)		Sessional [CIA 25+EA 25] Viva	50NIL
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	50
		Total Credits	02

Course Objectives:

1. To introduce students to the developments in architecture of the post-medieval Western World as a result of the cultural, political, and economic contexts.

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2. To study the development of architecture with specific reference to form, technology, and ornament.
3. To understand contemporary architecture of the world with respect to historical precedents.

Course Outline:

- Unit 1: Industrial revolution and the resulting architecture of eighteenth, and nineteenth century in Europe.
- Unit 2: Revival architecture in Europe and America
- Unit 3: Colonial Architecture in India
- Unit 4: Early Modern movements
- Unit 5: Modernism, International style, and influence of Bauhaus
- Unit 6: Post-independence Architecture in India till 1990.
- Unit 7: Post liberalization Architecture in India.

Sessional Work:

- .Minimum 25 representative buildings of the periods under study should be represented in Plans, sections and views- of various buildings discussed in the above units.
- One measured drawing and digital documentation of any site/ building/ part or features of a building related to the course content studied.. This can be undertaken as group work with identifiable individual contribution.
- One tutorial.

Course Specific Outcomes:

1. An understanding of architecture as a product shaped by various factors like technological developments, colonization, globalization, economy, and urbanization.
2. An understanding of the formal, structural, and stylistic aspects of architectural development.
3. An understanding of contemporary architecture of the world with reference to historical precedents and responses to the same.
4. An understanding of the architecture of colonial and post-independence India.

Recommended Readings:

- Bhatt, Vikram and Peter Scriver. Contemporary Indian Architecture After the Masters. Mapin Publishing Pvt Ltd, 1990.
- Correa, Charles and Kenneth Frampton. The Work of Charles Correa. Thames and Hudson, 1996.
- Curtis, William J R. BalkrishnaDoshi- An Architecture for India. Rizzoli, 1988.
- Curtis, William J R. Modern Architecture Since 1900. Phaidon, 2007.
- Dengle, Narendra. Dialogues with Indian Master Architects. Marg Foundation, 2015.
- Dhongde, Sharvey and ChetanSahasrabudhe (eds). AchyutKanvinde. BNCA Publication Cell, 2009.
- Droste, M and Bauhaus Archiv. Bauhasu 1919-1933. Taschen, 1993.
- Eastlake, Charles Locke. A History of the Gothic Revival. Cambridge University Press, 2012
- Fletcher, Sir Banister and Dan Cruickshank. Sir Banister Fletcher's A History of Architecture On The Comparative Method. Architectural Press, 1996.

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- Hitchcock, Henry Russell and Philip Johnson. The International Style. W W Norton, 1997.
- Kagal, Carmen (ed). Vistara- The Architecture of India. The Festival of India, 1986.
- Lang, Jon. A Consise History of Modern Architecture in India. Permanent Black, 2002.
- The Masters of World Architecture (Series).
- Twombly, Robert (ed). Louis Kahn- Essential Texts. W W Norton, 2003.
- Various monographs on the works of twentieth century Architects.

Building Services II		
Course Code	2201932 [P] & 2201933 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=2, Total =4)	Sessional [CIA 25 + EA 25]	50
	In semester exam	30
	End Semester exam	70
	TotalMarks	150
	Total Credits	03

COURSE OBJECTIVES:

To introduce students to Building Services in low, medium and high rise buildings and inculcate in them the understanding of integration of services in architectural design. The Building Services will include

- Solid Waste Management
- Lighting –Natural and Artificial
- Electrification

COURSE CONTENT:

Unit I –Solid Waste Management- This unit covers the collection, treatmentand disposal of organic and in-organic waste

- Collection- Garbage chutes and space requirement for manual mechanism
- Treatment and Disposal -Introduction to vermicomposting, organic waste composters, incinerators etc. and space requirements on site and in building

Unit II -Lighting-Natural- Introduction to integrated design approach for daylighting to cover

- Passive design strategies of siting, form, fenestration design,
- Choice of glazing material
- Methods for predicting daylight i.e. daylight factor.
- New technologies to access (light pipes) and control daylight (Lighting Controls)

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Unit III -Lighting-Artificial

- Introduction to different sources of light, their characteristics (CRI, Color temperature and lamp life, energy consumption) lighting systems (Direct & Indirect) and their applications in building projects
- Lumen Method for designing appropriate lighting as per NBC 2016

Unit IV - Electrification

- Electrical installations in a building from the supply company mains to individual outlet pointsincluding meter board, distribution board, layout of points with load calculations.
- Electrical wiring systems for small and large installations including different materials involved
- Electrical control and safety devices – switches, fuse, circuit breakers,earthing, lightningconductors etc.
- Introduction to alternative sources of energy such as Solar PV, Wind turbines etc. and integration in building design

Unit V-Low Voltage network systems-Introduction to Low Voltage electrical systems and its integration in BMS –

- Wi-Fi and LAN network EPABX & Telecommunication system
- CCTV (Closed circuit TV and camera system)
- FA PA (Fire Alarm and Public address system)
- Access systems (Access control, Tracking, planning and provisions made)

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

- Preparing electrical layout and lighting plan of a building interior supported with necessary calculations (70% weightage).
- Visits to construction sites and preparing site visit reports, market survey and finding out latest trends and new materials for all the units.(30% weightage).

OUTCOME:

Students should be able to understand basic principles of daylight and artificial lighting and should be able to design a lighting plan for a space. They should be able to calculate the energy requirement of building electrical systems. Students should be able to identify space requirements and integration of these systems in architectural design.

RECOMMENDED READINGS:

- NationalBuilding Code of India 2016-Volume 2 , Bureau of Indian Standards
- Building Services and Equipments by Ashok L. Chhatre
- Building Services, By Mrs. ShubhangiBhide
- Building Construction Illustrated by Frances D K Ching

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- Basics Lighting Design Ed. by Bielefeld, Bert
- Daylight in Architecture-Benjamin Evans
- Lighting in Buildings-HapkinsenH.D.Kajr
- Lighting in Architectural Design -Derek Philip

SITE SURVEY AND ANALYSIS			
Course Code		2201934 [SS]	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=1, Studio=3, total=4)		Sessional [CIA 25 + EA 25]	50 nil
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	2

COURSE OBJECTIVES:

- To introduce students to the various factors related to Site Survey and Analysis relevant to Architectural Site Planning
- To enable the students to get conversant with locating the object positions in horizontal and vertical plane
- To prepare and interpret survey drawings.
- To develop understanding ofcontours and grading for Site development
- To analyze physical, socio-cultural and contextual parameters of the siteenabling Site planning

COURSE OUTLINE:

- **Unit 1. Linear Measurements**Measurements in horizontal plane, survey stations, survey lines open and closed traverse, locating objects by chaining and offsetting, direct and indirect ranging, locating field boundaries and working out area of field, measuring distances with chain, tapes, ODM's ,EDM's, introduction to Total Station, survey accessories, measurements along sloping ground. Chain Surveying: Base line, tie lines, check lines,Understanding of land demarcation drawings.

- **Unit 2.Directional and Angular Measurements**Magnetic and true meridian, Magnetic and true bearings, use of bearings, use of prismatic compass, calculation of included angles, Fore and back Bearings, declination plotting and adjustment of closed traverse, Uses of Transit Theodolite. Measuring horizontal and vertical angles, calculation height of buildings, use of Theodolite as technometer, tacheometric tables

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- **Unit 3. Levelling**Dumpy level, auto and tilting level, principle lines of levelling instrument, axis of telescope, axis of bubble tube, line of collimation, vertical axis recording by collimation plane, method and rise-fall method, B.S/I.S/F.S, change point, level surface, horizontal surface, datum,Reduced Level/ elevation of a point, Bench Marks, GTS,PBM/ABM/TBM. Temporary Adjustments.
- **Unit 4. Plane Table Surveys** Accessories used in plane tabling, methods of locating objects, methods of table orientation, Advantages and disadvantages. Use of Planimeter: Area of zero circle, calculating area of irregular shape figures.
- **Unit 5. Contours** Plotting the contours and profiles,interpolation of contours, contour interval, Characteristics of contours, Profile levelling:Understanding gradient, cut and fill for desired ground level,direct and indirect methods of contouring, block contour surveys
- **Unit 6. Site Analysis and Synthesis**Understanding of Natural and Manmade aspects (such as microclimate, topography, hydrology and vegetation), physical and socio-cultural context of the site. Site Analysis of the above parameters, Site Synthesis and Site Suitability

SESSIONAL WORK:

1) Calculation of area of field(Chain and cross staff survey)
2) Compass Survey.
3) Plane Table Survey.
4) Block Contour Survey.
6) Slope Analysis and Profile Levelling.
7) Site Analysis and Synthesis (Associated with Design Project)

COURSE OUTCOME

- At the end of the course students would be able to comprehend the site characteristics, reading and interpreting survey drawings, understanding equipment and methods of surveying leveling.

REFERENCE BOOKS:

1) Basak, N.N, *Surveying and Levelling*, McGraw Hill Education (India) New Delhi, 1994
2) Kanetkar, T.P, Kulkarni, S.V, *Surveying and Levelling, Pune VidyarthiGrihaPrakashan, 2014*
3) Lynch, K, *Site Planning*, Cambridge: The MIT Press, 1962

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Architectural Design IV		
Course Code	3201935 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=6, Total = 7)	Sessional [CIA 100 + EA 100]	200
	Viva [Int 25 + Ext 25]	50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	250
	Total Credits	10

COURSE OBJECTIVE:

To understand Architectural Design as a process of generating design brief and taking design decisions based on the following aspects:

- **Socio-Cultural Aspects:** To introduce students to socio-cultural aspects like lifestyle, culture, traditions, and their effect on architectural design etc.
- **Aesthetics:** To understand the Aesthetic aspects of Design (visual and experiential) along with spatial attributes (scale and proportions, volume, texture, light and shadows, etc.) and formal characteristics. (profile, base, corner, termination).
- **Anthropometry & Function:** To address functional aspects of design (activity, use of space, adequacy and efficiency of space for a particular activity, essential adjacencies of spaces, ease and efficiency of circulation, light, ventilation, user-space relationship, vertical connections)
- **Climate:** To understand the Climatic aspects those have a bearing on architectural design and address climatic concerns like adequate light, ventilation, protection from rain, insulation, shading, heat gain, through passive strategies.
- **Building Material and Construction Technology:** To study relevance of various building materials to a project, to get introduced to various expressions of a building material, to introduce a student to the construction technologies relevant to the building materials chosen, to understand the scope and limitations of a building technique to achieve the desired form and space.
- **Building Services:** To understand the spatial and structural implications of basic services involved in building design.
- **Site :** To understand the site and its context, both immediate and wider, in order to enable students to take decisions of zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **Universal Design:** To understand the concept and principles of universal design.
- **Precedent Studies:** To introduce the students to learn from case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

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Building Construction and Materials V		
Course Code	3201936[P]&3201937 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=3, Total = 5)	Sessional [CIA 25 + EA 25] Viva [Int 25 + Ext 25]	50 50
	In semester exam	30
	End Semester exam	70
	TotalMarks	200
	Total Credits	06

COURSE OBJECTIVES:

- To understand the variations in frame structure with options of different types of slab like flat slab, ribbed and waffle slabs etc. along with pre-stressed RCC technology.
- To understand the construction of single basement along with its waterproofing, provision for access and ventilation details. To understand the construction of different types of retaining walls and the detailing of the same
- To introduce materials and technology of assembling interior elements like partitions, suspended ceiling, furniture units etc.

COURSE CONTENT:

UNIT I Materials for Interior Essentials

Characteristics, Properties and types of following materials and their application for interior essentials.

- Wood, wood derivatives and other panel materials used for interior application.
- Finishing materials like laminates, veneers, plastics and metal sheets.
- Paints and varnishes
- Hardware required for application to interior and furniture elements

UNIT II Foundations, Retaining Wall& single basement construction

- Concept of shallow and deep foundations with respect to basement construction, high rise buildings and different soil conditions
- Study of Single basement construction along with waterproofing details, also study of cast-in-situ and precast Retaining wall and its terminology, proportionsand construction details.

UNIT III Reinforced Cement Concrete construction

- Reinforced cement concrete floor construction systems like flat plate, flat slab, ribbed slab, waffle slab, band beam and slab, pre-stressed slabs along with earthquake resistant features, reference of a RCC drawing

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UNIT IV Partitions and Paneling

- Study of demountable partition construction using proprietary and non-proprietary systems using non-timber materials
- Proprietary and non-proprietary systems of paneling in various materials

UNIT V Suspended Ceiling

- Study of Suspended ceiling construction using proprietary and non-proprietary systems using various materials

UNIT VI Furniture Design and assembly

- Study of furniture for residential, commercial, office buildings and assembly details using timber and other material along with finishing and upholstery.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK: Hand drafted drawings on Units 4, 5 and 6 to cover all the aspects of course outline in sufficient detail;; Assignments on units 1, 2, and 3 including sketches, notes, market survey.

OUTCOME: Students will understand of the principle, methods, advantages and disadvantages of concrete floor construction systems and single basement construction. Students will get to know the proprietary construction techniques for partition ceilings with latest available materials.

RECOMMENDED READINGS:

- Dr. B.C Punmia (2012) *Building Construction* (10th edition) Laxmi Publications.
- Harold B.Olin, John L. Schmidt (1994) *Construction principles, Materials and Methods,* John Wiley & Sons, Inc.
- Narayanamurty, D.; Mohan, D (1972) *The use of Bamboo and reeds in building construction* ,UNO Publications
- Roy Chudley, Roger Greeno (2016), *Construction Technology*, 11th Edition Routledge.
- S.C.Rangwala (2013) Engineering *materials* (Fortieth edition),Charotar Publishing pvt.ltd.
- S.K. Duggal(2016) *Building materials* (4th edition) – New age international publishers.
- Willam Morgan (1977)*The elements of structure: An introduction to the principles of building and structural engineering* Distributed by Sportshelf; 2nd edition
- W.B. Mckay (2015) *Building construction Vol. 1* (5th edition), Vol. 2 (4th edition) and Vol. 3 (5th edition).
- National Building Code of India 2016 (Volume 1) and relevant I.S.I. Specifications.

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Theory of Structures V		
Course Code	3201938 [P]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=0, Total = 2)		
	In semester exam	30
	End Semester exam	70
	TotalMarks	100
	Total Credits	02

COURSE OBJECTIVES:

- *To Understand Doubly Reinforced Beams, T and L Beams and to adopt span to depth ratios for them*
- *To Understand Design of columns across multiple floors changing grade and percentage of steel and grade of concrete*
- *To understand how to increase M.R of girders and Load carrying capacity of Stanchions. To study alternative methods of spanning vis-à-vis Portal Frames*
- *To introduce lateral pressure and understand the proportioning and stability of a gravity retaining wall*

COURSE OUTLINE:

Unit 1:Design of Beams Continued:

- **Doubly Reinforced Beams:**Concept, Need, Applications. **Numerical** on Design of Doubly Reinforced Beams including calculation of Load and Shear Design
- **T Beams and L Beams:** Theory ofDividing a Large Hall Slab into Smaller one way or Two Way Slab units by using T Beams and L Beams. Concept, Applications and Advantages and Disadvantages. **Numerical** on Design of T Beams and L Beams including calculation of Load and Shear Design.
- Theory only on Design of **Coffered Slab** and **Flat Slab Construction**. Concept of Large Beam less Spaces, Column Capitals, Header Beams. I.S.456 Provisions for Various R.C.C Elements

Unit 2: Design of Columns Continued: Reasons for eccentricity of Load on a Column and I.S.Provisionfor eccentricity. **Numerical** on Calculation of load from floor to floor (From Slab to Beam to Column, Also load calculations from a given floor plate to be divided equally over columns). **Numerical** on Design of columns changing concrete grade and / or steel percentage and / or size of column.

Unit 3: Foundations: Theory of Shallow and Deep Foundations. Theory of foundations in Soil of Low S.B.C. Study of Isolated Footing, Combined Footing, Strip Foundations, Raft Foundations, Piles and Pile Caps. **Numerical** on Design of Isolated Footing including Single Shear and Double Shear, **Numerical** on design of combined footing in Plan Only.

Unit 4: Design of Girders and Stanchions Continued:

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- Theory of Girders with flange plates to increase M.R of Section. **Numerical** on Design and Analysis of Steel Girders with flange plates.
- Extending the above Theory to Study Castellated Beams and Plate Girders. Theory only of Gantry Girders, Functions and Loads acting on each element of a Gantry Girder
- Theory of Stanchions with Flange Plates to increase Load Carrying Capacity. **Numerical** on Design and Analysis of Stanchions with Flange Plates, Finding thickness and size of Connecting Plate to Pad Foundation and Design of Pad.
- Theory only of Portal Frames, Basic Concept - Rigid, Two Hinged and Three Hinged Portal Frames with B.M.D. Advantages and Disadvantages of R.C.C Portal Frame - Detailing of Hinged and Pinned Column to Footing Junction. Advantages and Disadvantages of Steel Portal Frame - Detailing of Hinged and Pinned Column to Footing Junction, Rigidity at Beam to Column Junctions.

Unit 5: Retaining Walls:Retaining Walls - Need, Angle of Repose, Rankine's Theory, Different types of Retaining walls and their Applications, Study of Proportioning and Stability of Gravity Retaining Walls, Weep Holes and Effect of Surcharge. **Numerical** on Stability of Gravity Retaining Walls.

Unit 6: Advanced Structures: Pre-stressed Constructions: Concept and Process of Pre-tensioning and Post-Tensioning. Advantages and Disadvantages over Conventional R.C.C Construction. Use of High Strength Concrete and Steel in Pre-Stressed Elements.Methods of Pre-stressing - Freyssinet System. Numerical on Extreme Fibre Stresses at Mid Span and End Span.

Reference Books

1. Design of R.C.C. Structures by H.J.Shah
2. Design of R.C.C. Structures by Punmia and A.K.Jain
3. Design of Reinforced Concrete Structures by N.Krishnaraju
4. R.C.C Theory and Design by Dr. V.L.Shah and Dr.S.R.Karve

Course Outcome:*At the end of semester student develops*

- *The understanding of larger space spanning both in R.C.C and Steel*
- *The understanding of carrying of vertical loads by R.C.C. Columns and Stanchions*
- *The understanding Lateral pressure and structural principles for overcoming it.*

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LANDSCAPE ARCHITECTURE		
Course Code	3201939 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=3, Total =4)	Sessional [CIA 50 + EA 50]	100
	In semester exam	
	End Semester exam	
	TotalMarks	100
	Total Credits	03

COURSE OBJECTIVES:

- To introduce the students to Landscape Architecture and its scope.
- To understand the elements and principles of landscape design and role of landscape elements in design of outdoor environments on the site.
- To understand the Intent and content of designed landscapes.
- To develop understanding of site analysis and site planning and integrated design of open and built spaces.
- Creating awareness about using Landscape design as a tool to address environmental concerns in Architecture.

COURSE OUTLINE:

- **Unit 1.** Introduction to Landscape Architecture and its scope ,elements(natural and manmade) and their application in achieving functional, aesthetic, environmental and cultural goals.
- **Unit 2.** Principles and approaches in Landscape Design. Illustrations can be from contemporary as well as historic landscapes for understanding various approaches of design.
- **Unit 3.** Study of Hard landscape (civil work) details with respect to materials and construction techniques..
- **Unit 4.** Study of Softscape (plant material), their characteristics and contribution in terms of creating and imparting character to outdoor spaces.
- **Unit 5** Introduction to basics of Site planning and process of site planning.

SESSIONAL WORK:

- Minimum two assignments to expose the students to landscape elements, their application, principles of design and approaches of design.
- Short duration projects such as eskees to allow students to explore the palette of landscape elements in open space creation and design. – Minimum 2.

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TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=1, Total =3)	Sessional [CIA 25 + EA 25]	50
	In semester exam	30
	End Semester exam	70
	TotalMarks	150
	Total Credits	03

COURSE OBJECTIVES

- To comprehend building services as an integral part of architectural design process
- To obtain knowledge of technical and design aspects of natural ventilation, heating, cooling and HVAC

COURSE OUTLINE

- Principles of working of natural ventilation, heating, cooling and HVAC systems, components, materials and provisions in architectural design
- Functional and aesthetical aspects of building services coordination in architectural design

TEACHING PLAN

Unit I: Natural ventilation
1.1 Conditions of human thermal comfort
1.2 Factors affecting natural ventilation
1.3 Strategies to effect natural ventilation
Unit II: Mechanical ventilation
2.1 Systems of mechanical ventilation
2.2 Components of mechanical ventilation systems
2.3 Mechanical ventilation - Schematic design
2.4 Introduction to Psychometric charts
Unit III: Heating and cooling
3.1 Passive heating and cooling techniques
3.2 Low energy mechanical cooling techniques
Unit IV: Air-conditioning - 1
4.1 Principles of air-conditioning systems
4.2 Components of air-conditioning systems
Unit V: Air-conditioning – 2
5.1 Types of air-conditioning systems
Unit VI: Air-conditioning – 3
6.1 Onsite case study of air-conditioning system
6.2 Air-conditioning and ducting layout – Schematic calculations and design for a space / part of a building.

SESSIONAL WORK

Tutorials for Units I, II, III, IV and V (50% marks)
Onsite case study report for 6.1 (25% marks)
Schematic air-conditioning calculations and ducting layout for 6.2 (25% marks)

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RECOMMENDED READING

- National Building Code of India 2016
- Air Conditioning Principles and Systems – Edward G Pita
- Environmental Science - B J Smith, G M Phillips, M Sweeney
- Building Service Handbook – Fred Hall and Roger Greeno
- Refrigeration and Air Conditioning – Arora Ramesh Chandra
- Fundamentals of Air Conditioning Systems – Billy C Langley
- Basic Refrigeration and Air Conditioning – P N Ananthanarayanan

WORKING DRAWING I			
Course Code		3201943 [SS]	
TeachingScheme		Examination Scheme	
Total Contact Periodsperweek (lectures=1, Studio=3, total=4)		Sessional [CIA 50 + EA 50]	100
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES

- To enable the students to prepare working drawings of an architectural project and imbibe the significance of working drawings from the point of view of execution of the work on site and as important component of tender documents.

COURSE CONTENT

- Introduction to the concept of working drawings and their importance.
- Graphical presentation of all the components of a building along with dimensioning and annotations.
- Understand and apply IS Codes and internationally accepted norms / conventions / methods of repairing a working drawing along with tabulation of schedules of materials, finishes and hardware.

SESSIONAL WORK

- One working drawing of an architectural design project having load bearing structure with minimum 100 sq. m. carpet area. Manually drafted drawings [minimum 6] sufficiently explaining the building from the execution point of view.
- At least two details related to the design such as doors / windows / railings / kitchen otah etc. to suitable scale. (1 drawing)

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PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

Architectural DesignV		
Course Code	3201944[SV]+3201945[P]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=5, Total = 7)	Sessional [CIA 100 + EA 100] Viva [Int 25 + Ext 25]	200 50
	In semester exam	NIL
	End Semester exam	100
	TotalMarks	350
	Total Credits	10

COURSE OBJECTIVE:

To understand Architectural Design as a processof generating design brief and taking design decisions based on the following aspects:

- **Socio-Cultural Aspects:** To introduce students to socio-cultural aspects like lifestyle, culture, traditions, and their effect on architectural design etc.
- **Aesthetics:** To understand the Aesthetic aspects of Design (visual and experiential) along with spatial attributes (scale and proportions, volume, texture, light and shadows, etc.) and formal characteristics. (profile, base, corner, termination).
- **Anthropometry & Function:** To address functional aspects of design (activity, use of space, adequacy and efficiency of space for a particular activity, essential adjacencies of spaces, ease and efficiency of circulation, light, ventilation, user-space relationship, vertical connections)
- **Climate:** To understand the Climatic aspects those have a bearing on architectural design and address climatic concerns like adequate light, ventilation, protection from rain, insulation, shading, heat gain, through passive strategies.
- **Building Material and Construction Technology:** To study relevance of various building materials to a project, to get introduced to various expressions of a building material, to introduce a student to the construction technologies relevant to the building materials chosen, to understand the scope and limitations of a building technique to achieve the desired form and space.
- **Building Services:** To understand the spatial and structural implications of basic services involved in building design.
- **Site :** To understand the site and its context, both immediate and wider, in order to enable students to take decisions of zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **Universal Design:** To understand the concept and principles of universal design.
- **Precedent Studies:** To introduce the students to learn from case, referral, live studies - process of observation, analysis, documentation and deriving inferences.

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COURSE OUTLINE:

10. Designing of progressively complex spaces and buildings in terms of area, a specific community, typology, function etc, with emphasis on either scale or complexity of the project, or both.
11. Project could be evolved based on the current needs of the city and / or context responding to aspects like heritage and conservation, landscape and ecology, image and identity, etc.
12. Development of building design program from not only client or user's requirements but also in response to context specific factors like socio-economic, socio-cultural, environmental etc.
13. Introduction to develop a design philosophy/narrative as a thought process in design.
14. Analysing activities around the buildings within a campus and understand the same in context to relation of built form and open spaces, elements of landscape, pedestrian and vehicular movement, their segregation, managing sloping sites, contours, etc.
15. In case of multiple buildings (existing and/or proposed) to be accommodated within a site, analyse and understand their relationship with each other in context to establish continuity of form, construction, materials, design theme, climate, etc. and the same should reflect in the drawings and models.
16. Integrating functions, structure and services in a building with relevant structural system and its resultant effect on visual form / character of building
17. To understand various issues and aspects of sustainability, earthquake resistance, construction, universal accessibility, etc. and study how these could be integrated in the architectural design process.
18. To study a location in urban context preferably in a different socio-geographic setting other than the Institute (not mandatory), and document the study done in the tour in the form of a report with emphasis on relevant aspects like climate, social structure, culture, architectural typology, construction technology, urban fabric, economy, etc or any other issues which need to be considered for envisaging a design project in totality.

SESSIONAL WORK

Assessment Criteria: Major project should have 80% weightage and 20% weightage should be given to the minor project.

A] Major project:

System oriented project with emphasis on structural system, vertical and horizontal circulation, services like HVAC, electrical, fire-fighting systems, parking, rules &regulations etc. The project could also be evolved based on the need of the city with socio-economic context, historical context, ecological concerns, etc.

Deliverables:
i. Portfolio A - Architectural drawings at an appropriate scale preferably 1:200/1:100. And model to suitable scale.
ii. Portfolio B - Process drawings / tracings (Recommended)
iii. Study models of various stage (Recommended)

B] Minor project:

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31. David Gosling, Gordon Cullen – Visions of Urban Design.
32. Bawa, G., & Robson, D. (2002). *Geoffrey Bawa: the complete works.* Thames & Hudson..
33. Scheer, B. C. (2017). *The evolution of urban form: Typology for planners and architects.* Routledge.
34. It is strongly recommended that students are exposed on the books on works of Master architects

Building Construction and Materials VI		
Course Code	3201946 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=3, Total = 5)	Sessional [CIA 50 + EA 50] Viva [Int 25 + Ext 25]	100 50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	150
	Total Credits	06

COURSE OBJECTIVES:

- To introduce the design potential of steel as a material in building construction and it's inherent structural benefits.
- To create awareness with the best practices of steel as a construction material.
- To understand the concept of modular co-ordination and industrialized building construction along with precast technology.
- To understand issues and construction of earthquake resistant frame structures.

COURSE CONTENT:

UNIT I Metal and Metal alloys, Sheet roof covering

- Types of steel used in building construction- Use of Structural and non-structural steel for low and medium span building , their properties and advantages of steel in construction.
- Market forms of structural and non-structural steel.
- Use of lightweight steel for building construction.
- Built-up sections for structural purpose.
- Sheet roof coverings --Characteristics, Properties, market forms of sheet roof covering for medium and long spans and their application.

UNIT II Fencing and Gates

- Fencing using different materials like steel, barbed wire, chain-link, weld-mesh and other available materials in market.
- Construction details of fencing and suitable gate with due consideration to design parameters.

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Option 1: **A Time Bound Project** of 12 hours as a means to gauge students' ability to apply the learnings of the design studio and in the process acclimatizing them to work under time constraint and meet deadlines. This project of 12 hrs may be based on the parameters of the Design VI paper such as :

1. The suggested nature of project can be in the form of a social amenity in an urban context.
2. Size of the site given for the design should be such that it fits imperial size sheet.
3. Preferred scale of the drawing would be 1:200.

Deliverables: Architectural drawings in appropriate scale preferably 1:200/1:100. (Model optional).

Or

Option 2: **Study Tour linked short term project**

Deliverables: Study tour documentation must include architectural study supported by drawings, narratives, sketches, photographs and information presented in any other formats deemed suitable by the college and linked short term project.

COURSE OUTCOME:

1] Build competency and ability to make communicative architectural drawings that are of readable scales, preferably in:
- 1:200 (Site level drawings & Model)
- 1:100 (Cluster level drawings)
- Appropriate details to be explored at 1:50/20/10 etc.

2] Be able to negotiate various scales in drawings and models.
3] Be equipped to resolve structural systems of various construction techniques and services.

REFERENCE BOOKS

18. Lynch, K., Lynch, K. R., & Hack, G. (1984). *Site planning*. MIT press.
19. Rybczynski W. (1984). *How the Other half builds, Volume 1 : Space.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
20. Carlos Barquin (1986). *How the Other half builds, Volume 2 : Plots.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
21. Vikram Bhatt. (1990). *How the Other half build, Volume 3 : Self selection Process.* Centre for Mininum Cost Housing. McGill University. Montreal Canada
22. Rapoport, A. (1969). *House form and Cultua.* Prentice-Hall of India Private Ltd.: New Delhi, India.
23. Correa, C. (2010). *A place in the shade: the new landscape & other essays*. Penguin Books India.
24. Dave, B., Thakkar, J., Shah, M., & Hāṇḍā, O. (2013). *Prathaa: Kath-khuni Architecture of Himachal Pradesh.* SID Research Cell, School of Interiour Design, CEPT University.
25. Kanvinde, A., & Miller, H. J. (1969). *Campus design in India: experience of a developing nation.* Jostens/American Yearbook Company.
26. Adler, D. (2007). *Metric handbook.* Routledge
27. Neufert, E., &Neufert, P. (2012) *Architects' data.* John Wiley & Sons.
28. Gropius, W. (1956). *Scope of total architecture.* London: G. Allen &Unwin.
29. Giedion, S. (1967). *Space, time and architecture: the growth of a new tradition*. Harvard University Press.
30. Gibbered, Fredrick: Town Design.

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UNIT III Steel Trusses

- Understanding concepts of trusses, basic connections for trusses along with earthquake resistant features.
- Constructionof trusses for low rise medium span buildings.

UNIT IV Steel structure construction

- Understanding methods of construction of various components of steel structures; steel frame construction for multi-storey steel building.
- Construction details of assembly with stanchion, beams and metal deck flooring along with earthquake resistant features.
- Moisture and fire protections in steel framed buildings

UNIT V Modular co-ordination

- Concept of modular coordination for Industrialized building construction, planning andconstruction details
- Precast floor and roof construction along with the following systems developed by CBRI:

- Floor and roof construction using partially precast planks and joist.
- Floor and roof construction using precast Waffle unit.
- Introduction to locally available proprietary precast systems

UNIT VI Earthquake resistant frame structures.

- Overview of earthquake resisting structural systems.
- Application of Moment resisting frames, crossed braced frames and shear wall for Earthquake resistance structures.

SUBMISSION REQUIREMENT FOR SESSIONAL WORK: Hand drawn drawings on Units 3,4 and 5 to cover all the aspects of course outline in sufficient detail;; Assignments on units 1, 2,6 include sketches, notes, market survey and case-studies.

OUTCOME: Students will develop an understanding of possibilities of steel as an important building construction material. Understanding of properties of ferrous and non ferrous metals as materials for buildings will able students to use Steel innovatively in building projects.

RECOMMENDED READINGS:

- Central Public Work Department, Indian Building Congress. Handbook on Seismic Retrofit of
  Buildings.Narosa Publishing House. 2008
- Andrew Charleson. Seismic Design for Architects: Outwitting the Quake. Elsevier Ltd 2008
- Terri Meyer Boake. Understanding Steel Design: An Architectural Design Manual. Birkhauser Basel 2012.
- Stephen Emmitt. Barry's Advanced construction of buildings. Wiley, 2006

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- Mackay J.K. Building Construction vol.-1-4. Longman Scientific & Technical, 1988.
- IS 7921 : Recommendations for modular coordination in building industry Horizontalcoordination
- IS 7922 : Recommendations for modular coordination in building industry Verticalcoordination
- M. M. Mistry. Modular coordination & prefabrication, Principles of Modular Coordination in building.
- BMTPC. Standards & Specifications for Cost-Effective Innovative Building Materials and Techniques. BMTPC 1996

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Theory of Structures VI		
Course Code	3201947 [P]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=2 Studio=0, Total = 2)		
	In semester exam	30
	End Semester exam	70
	TotalMarks	100
	Total Credits	02

COURSE OBJECTIVES:

- *To the study of effect of Lateral Pressure of Soil and Water for increasing heights.*
- *To Develop in Students the Feel for Structural Principles and their Relates to Building Design*
- *To Develop in Students the Concept that "Every Structure is a System that Forms the Space" and the fact that Architecture and Structure cannot be conceived independently.*
- *To Develop in Students the fact that Structural Engineering is a Specialist Discipline and that the Architect has to appreciate the consultant's concern and make an informed choice about the most appropriate Structural System for his Building with Reasonable Understanding of its Economic and Operational Implications.*
- *To Develop in Students the Mathematical logic that would enable him to Design the Structural System for Ground +2 Storey R.C.C Structure and a medium span Factory Building in steel.*
- *To in-still in the Students a Confidence that they could develop and explore a Structural System of their own design and execute the same.*

Unit 1: Lateral Pressure and Retaining Walls Continued:

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- Theory of **Cantilever Retaining walls**, their Proportioning, Stability, Reinforcement Detailing of Stem and Base, Shear Key. **Numerical** on Stability of Cantilever Retaining Wall, Design of Stem Reinforcement.
- Theory of **Counter Fort Retaining Wall**, Its Parts, Structural Action on Each Part and Reinforcement Detailing
- **Water Tanks in R.C.C:** Joints in Water Tanks, Limit State of Cracking, Minimum Percentage of Steel and Other Standards.
  - R. C.C. Circular Water Tank with Flexible and Rigid Joint between Wall and Base -Concept of Hoop Tension – Reinforcement Detailing.
  - R. C.C. Square and Rectangular Water Tanks -Reinforcement Detailing.
  - R.C.C. Under-Ground Water Tanks - Pressure Conditions -Reinforcement Detailing.
  - Over Head Water Tank - An Intze Tank - Parts and General Detailing

Unit 2: Design of R.C.C Framed Structure:

- **Total review** of design of ground + two storied RCC building. Defining Structural system, different loads, Design sequence, transfer of load, Actual design procedure. Framing of a Given Plan as per constraints on Beam and Slab Depths
- **Understanding Structural Schedules and drawings**, Sketching Based on Given Schedule.

Unit 3: Design of Steel Structures Continued:

- **Compound Stanchions:** Theory of Compound Stanchions. **Numerical** on Design and Analysis of Compound Stanchion. Lateral System Design of Lacing and Battening and other Lateral Systems in Theory Only
- **Trusses:** Truss types, **Numerical** on Design of Purlins and Transfer of Load to Trusses. **Numerical** on Design of Compression and Tension Members withDesign of Bolted and Welded Joints. Connections in Structural Steel.

Unit 4: Design of Steel Framed Factory Buildings:

- Total review of design of medium span factory building in steel. Structural systems, different loads, Design sequence, transfer of load, actual design, procedure, Understanding structural drawings.

Unit 5: Understanding Wind Load:

- Factors Affecting Wind Load. Analysis of Win Load for Ground + 9 Storeyed Building.
- Resulting Stresses in Foundations due to Effect of Wind load on Tall Structures
- Effect of Wind Load on Roof.

Unit 6: Advanced Structures:

- **Long span structural systems** in Steel and R.C.C like Domes. Vaults, Folded Plates, and Tensile Structures using Fabric. Advantages and disadvantages of different systems.

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- **High Rise Buildings Structural System**like Rigid frame, Moment Resisting Frames, Braced Frames, Shear Walls, Out Rigger Systems, Tube Systems, Tube in Tube, Dia-Grid, Exo- Skeleton.Space Trusses etc. Appropriate System as per height.

Course Outcome:*At the end of semester student develops*

1. *The understanding Effects of Lateral Pressure of Soil and Water*
2. *The sense to frame R.C.C and Steel Buildings*
3. *The Understanding of different Structural Systems for Larger Spans and Tall Buildings with an understanding of Wind Load*

Reference Books

1. Design of R.C.C. Structures by H.J.Shah
2. Design of R.C.C. Structures by Punmia and A.K.Jain
3. Design of Reinforced Concrete Structures by N.Krishnaraju
4. R.C.C Theory and Design by Dr. V.L.Shah and Dr.S.R.Karve
5. L.S.Design of Steel Structures by S.K.Duggal
6. Design of Steel Structures By Limit State Method as per I.S.800- 2007 By S.S.Bhavikatti

RESEARCH IN ARCHITECTURE I		
Course Code	3201948 [SS]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=2, Total =3)	Sessional [CIA 25 + EA 25]	50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	50
	Total Credits	02

COURSE OBJECTIVES:

- To introduce students to Research in Architecture and its value in design
- To enable the students to prepare a research proposal.

COURSE OUTLINE:

- Unit I -- Introduction to the meaning and need of research in architecture. Introduction to various concepts such as types of variables, measurement of variables, sample selection, ethics in research.
- Unit II – Process of research – Methodology

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- Unit III – Literature study
- Unit IV – Methods of research in architecture. Use of surveys, observations, experiments, secondary sources.

SESSIONAL WORK:

- Tutorial based on all of the above units
- Literature Review of at least 5 papers related to the topic of their choice.
- Research proposal giving details of aims, objectives, scope, limitations, methods, samples selected on the topic approved by the head of the institution.

NOTE:

- The guide must have minimum 5 years of teaching experience. Preferably a guide should not guide more than 8 students.
- It is desirable that the research proposal is presented in front of experts.
- It is beneficial to the students if the topic is related to the architectural design project of semester X.

REFERENCE BOOKS

Babbie, E.*The Practice of Social Research*.third edition. Belmont: Wadsworth Publishing Co., 1983. book.

Cresswell, J.W. *Research Design: Qualitative and Quantitative Approaches*. Thousand Oaks: Sage, 1994. Book.

De Vaus, D.A. *Surveys in Social Research*. Jaipur: Rawat Publications, 2003. Book.

Dey, I. *Qualitative Data Analysis: A User Friendly Guide for Social Scientists*. London: Routledge, 1993. Book.

Groat, L. & Wang, D. *Architectural Research Methods*. New York: John Wiley and Sons Inc., 2002. Book.

Kothari, C.R. *Research Methodology: Methods and Techniques*. New Delhi: WishwaPrakashan, 2005. Book.

Michelson, William. *Behavioural Methods in Environmental Design*.Stroudsberg, Pennsylvania: Dowden, Hutchinson and Ross, Inc., 1982.

Nachmias, C.F. &Nachmias, D. *Research Methods in Social Sciences*. Great Britain: St. Martin's Press Inc., 1996. Book.

Patton, M.Q. *Qualitative Evaluation Methods*. Newbury Park: Sage Publications, 1980. Book.

Sanoff, H. *Methods of Architectural Programming*.Vol. 29.Dowden Huthinson and Ross, Inc., 1977.document.

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—. *Visual Research Methods in Design.* USA: Van Nostrand Reinhold, 1991.

ELECTIVE II			
Course Code		3201949 [SS]	
Teaching Scheme		ExaminationScheme	
TotalContact Hours per week= (lectures=1, Studio=3, Total=4)		Sessional [CIA 50+EA 50]	100
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	100
		Total Credits	03

Course Objectives:
To allow the students to study a subject of their intrest and develop theoretical as well as practical understanding of the same. As mentioned in the course structure of 2019 pattern syllabus [Appendix B] a student may adhere to a particular stream of elective of his/her choice and ***nurture his/her area of interest and develop his/her expertise.*** However colleges have to ensure that the student does not repeat a particular elective.

Course Outline:
Colleges have to develop course outline for the elective they wish to offer such that theoreticalas well practical aspects are covered linking them to the field of architecture. Apart from lectures delivered by the subject resource persons, self study in form of hands on workshop / field work/ review of literature / seminar or any suitable format of learning may b e adopted.

Sessional Work:
The submission to be devised by the colleges in form suitable to the elective offered. The format could be [but not limited to]as following.

- **Field study reports**
- **Mapping / documentation / photographic / videographic documentation**
- **Measured drawings**
- **Computer based assignments**
- **Tutorials**

Course Specific Outcomes:

Building Services IV	
Course Code	3201950[P] & 3201951 [SS]
TeachingScheme	ExaminationScheme

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TotalContact Hoursperweek (lectures=2 Studio=1, Total =3)	Sessional [CIA 25 + EA 25]	50
	In semester exam	30
	End Semester exam	70
	TotalMarks	150
	Total Credits	03

COURSE OBJECTIVES

- To comprehend building services as an integral part of architectural design process
- To obtain knowledge of fire safety provisions and aspects of good acoustics in architectural design

COURSE OUTLINE

- Properties of sound, strategies for reducing noise, aspects of treatments for good acoustical conditions
- Provisions for fire prevention, life safety and fire protection as per NBC 2016-Part 4

TEACHING PLAN

Unit I: Acoustics- 1

1.4 Generation and propagation of sound, properties of sound, human hearing ranges
1.5 Planning and design to control outdoor noise and indoor noise
1.6 Materials and construction for acoustical treatment, NRC and STC ratings

Unit II: Acoustics -2

2.1 Parameters for good acoustical conditions
2.2 Air and structure borne noise control

Unit III: Acoustics- 3

2.5 Reverberation time calculation and recommendation for acoustical treatment
2.6 Sound amplification systems

Unit IV: Fire prevention

4.1 The fire triangle, causes, impacts, basic terminology
4.2 Occupancy based classification of buildings, fire zones, construction types, fire rating requirements
4.3 Provisions for emergency power, escape lighting and exit signage,fire/smoke dampers
4.4 Provisions related to air conditioning,glazing, interior finishes, firecommand centre

Unit V: Life safety

5.1 Exit requirements, egress components
5.2 Compartmentalistion, provision for basements,gas supply, firedetection and alarm

Unit VI: Fire protection

6.1 Fire extinguishers/fixed firefighting installations, static water storage tanks, pump house, automaticsprinkler installations, automatic high velocity and medium velocity water spray systems, fixed foam installation, gas-based suppression system, automatic water mist systems

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SESSIONAL WORK

- Tutorials for Units I to VI (50% marks)
- Reverberation time calculations and recommendations for acoustical treatment(25% marks)
- Design for provisions for fire prevention, life safety and fire protection (25% marks)

RECOMMENDED READING

- National Building Code of India 2016
- Architectural Acoustics - M. David Egan
- Architectural Acoustics: Principles and Design - Madan Mehta, James Allison Johnson, Jorge Rocafort
- Auditorium Acoustics and Architectural Design - Michael Barron
- Building Services Handbook- Fred Hall, Roger Greeno.

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WORKING DRAWING II			
Course Code		3201952 [SS]	
TeachingScheme		Examination Scheme	
Total Contact Periodsperweek (lectures=1, Studio=3, total=4)		Sessional [CIA 50 + EA 50]	100
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

- To Introduce idea of Design Development and detailing and its relevance in converting 'concept design' to working drawing and hence the realization of design on site.
- To imbibe further the importance of working drawings as an essential tool for effective site execution and execution of a building contract.
- To expose to the standard methods, conventions, drawing annotations including International standards, IS codes, its application in working drawing set with material and component and schedules.

[illegible] OUTLINE:

- Lecture demonstration/s to elaborate on standard practices, conventions, graphic annotations, sequencing and cross reference systems of a good working drawing set.

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- Design development and detailing of own **design** to resolve the design idea to one which can be executed/ constructed, exposing students to construction parameters, limitation and sequencing.
- Generating a working drawing set for the **chosen design/ building** with framed/composite construction including schedules of material, finishes, components and accessories
- Developing and drafting details of Civil work and furniture/ interior design including schedule of finishes

SESSIONAL WORK:

- Preparing a manually drafted/ CAD generated working drawing set of 'own design project' with carpet area not less than 250 Sq. M. and at least Ground plus one storied building having framed/composite construction. The set to also include at least two civil details out of following.
  I. Façade / skin of the building with fenestration and weather protection.
  II. Stairway/ staircase
  III. Public Washroom
- Interior layout of any one space of about 25sq.m. Area showing furniture layout, fittings, lighting, partitions, reflected ceiling plan to a suitably large scale. And any one construction detail related interior finishes/ custom made furniture of following.
  I. Suspended ceiling
  II. Paneling or partitions
- A rough folio comprising of design development drawings, sketches supporting the final working drawing set shall be retained by the candidate.

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SEMESTER VII

ARCHITECTURAL DESIGN VI		
Course Code	4201953 [SV]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 8 (Lectures: 1, Studio: 7)	Sessional [CIA125+EA125]	250
	Viva [INT 25+ EXT 25]	50
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	300
	Total Credits	11

COURSE OBJECTIVES:

To develop to Develop Architectural programming of the entire project for **housing** including the process of generating a design brief, developing design iterations based on issues involved and taking design decisions based on the following aspects

- **Precedent Studies:**
  To analyse cases, referral, live studies through the process of observation, survey and documentation and evaluate them for gaining a design approach.
- **Socio-Cultural Aspects:**
  To evaluate socio-cultural aspects like lifestyle, cultural beliefs and practices, traditions, etc. and their effect on housing design.
- **Economic aspects:**
  To understand the economic concerns with respect to the economic hierarchy of society and the corresponding architectural responses and solutions.
- **Site Context and Analysis:**
  To understand and apply the information of site, its location, topography, scale, context – both- immediate and wider, and land-use and understand the potentials, challenges, future requirements of the site to take decisions about design brief development in terms of numbers and types of tenements, ground coverage, building height, density as well as decisions about zoning, circulation within site, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **House Typology:**
  To evaluate various housing typologies and their suitability to the project at hand. To explore various adaptations of a typology, clustering possibilities, and resultant built form so as to create a housing design using the relevant explorations.

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socio-cultural needs, built-form configuration, structural/ service efficiency, density, topography, climate, etc.

8. To design buildings integrating functions, structural system and services and understand its resultant effect on visual form / architectural character of building.
9. To understand various issues and aspects of sustainability, earthquake resistant construction, universal accessibility, etc. and understand how these may be integrated in the architectural design process.
10. To apply relevant legislative provisions (Building byelaws, GDCR, CRZ, EPA, ECBC, GRIHA etc.) to the design project.

SESSIONAL WORK

- **Unit 1:**
  Case studies and analysis of housing design typology as identified by the institute and the presentation of its findings.
- **Unit 2:**
  A well resolved and communicated architectural design for a multi-family, multi-typology residential development of 100 to 200 tenements evolving out of aspects like mixed-use development, development of communities, addressing issues of social stratification v/s inclusiveness, identification of target group/ end-user's requirements, relation of location/ land values on defining the housing product, typological innovations, context, green initiatives, etc.

DELIVERABLES

The design must be communicated through architectural drawing and graphics, two and three-dimensional sketches, models/ visualisation, and narrative. Emphasis shall be given to the preparation of self-explanatory drawings, as in an Architectural Competition.

It is recommended that:

- 3- or 4-unit types/ sizes be explored in the project.
- The student be able to demonstrate his/her understanding about building technology and spatial provision for services
- The student should be able to demonstrate his/her design response to climate, and an understanding of suitable Landscape ideas.

RECOMMENDED READINGS:

1. The Architecture of Rasem Badran: Narratives on People and Place. James Steele. Thames and Hudson. London, 2005.
2. The Housing Design Handbook: A Guide to Good Practice. David Levitt, Jo McCafferty. Routledge. London, 2019.
3. Atkins: Architecture and Urban Design. Atkins. Images Publishing Group. 2011.

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- **Unit 3: Long span structures**
  Study of long span steel structures [indoor stadia, railway / metro stations, shopping malls, sky walks, Multi-functional building etc] to understand structural behaviour.
  Assignment would be in report form comprising of Case study and sketches of construction details.

OR

- **Unit 3: Industrial structures**
  Design and construction of medium scale industrial structures with reference to all architectural, constructional details.
  Assignment will be on the same. [Minimum two A1 drawings sheets]

RECOMMENDED READINGS:

1. Tricomi, Ernest. ABC of Air-conditioning.1970
2. Smith, Philips & Sweeney. Environmental Science
3. Daniels, Klaus. Advanced Building Systems – A Technical Guide for Architects and Engineers. Birkhauser, Boston. 2003
4. National Building Code of India ,5. PEB manufacturer's details Advanced Building Construction by MACKEY Stadia by John Geraint

URBAN STUDIES I		
Course Code	4201955 [SS]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 4 (Lectures: 2, Studio :2)	Sessional (internal)	50
	Sessional (external)	50
	Viva (internal)	NIL
	Viva (external)	NIL
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	100
	Total Credits	03

COURSE OBJECTIVES:

- To enable students to understand the urban context of an Architectural Project beyond the site and understand the implications of various factors (such as traffic-transportation, socio economics, urban landscape, spatial and visual aspects etc.) influencing the development of an urban area.
- To introduce the students to urban studies and relevance of its learning in Architecture profession; various theories and concepts, facilitating the undertaking of planning and design of large-scale land development.

COURSE OUTLINE:

- **Unit 1**

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8. Down to Earth (magazine edited by Sunita Narain)
9. My Liveable City (magazine co-founded by ShyamKhandekar& Shashikala Venkatraman)

RESEARCH IN ARCHITECTURE II		
Course Code	4201956 [SS]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 3 (Lecture: 1, Studio :2)	Sessional (internal)	25
	Sessional (external)	25
	Viva (internal)	NIL
	Viva (external)	NIL
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	50
	Total Credits	02

COURSE OBJECTIVES:

- To enable students to carry out research focused on an issue related to the built environment
- To prepare students to write a technical research paper
- To train students to present their research paper in front of an audience

COURSE CONTENT:

- **Unit 1**
  Qualitative and Quantitative Data Collection and Analysis
- **Unit 2**
  Presentation of qualitative and quantitative data using various techniques (visual, graphical, numerical, etc.)
- **Unit 3**
  Technical Writing
- **Unit 4**
  Presentation of research paper in a seminar

SUBMISSION REQUIREMENT FOR SESSIONAL WORK:

- Tutorials/ Assignments based on each of the four units
- A Research Paper of minimum 3000 words (maximum 10 pages) excluding bibliography based on original research proposal prepared in Semester VI

NOTE:

- The guide must have minimum five years of teaching experience. The guide shall not guide preferably more than eight students.
- It is desirable that the research paper is presented in a seminar, in front of experts.

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To allow the students to study a subject of their interest and develop theoretical as well as practical understanding of the same

As mentioned in the course structure of 2019 pattern syllabus [Appendix B] a student may adhere to a particular stream of elective of his/her choice and nurture his/her area of interest and develop his/her expertise.

However, colleges have to ensure that the student does not repeat a particular elective.

COURSE OUTLINE:

Colleges have to develop course outline for the elective they wish to offer such that theoretical as well as practical aspects are covered linking them to the field of architecture.

Apart from lectures delivered by the subject resource persons, self-study in form of hands-on workshop / field work/ review of literature / seminar or any suitable format of learning may be adopted.

SESSIONAL WORK:

The submission to be devised by the colleges in form suitable to the elective offered. The format could be [but not limited to] as following.

- Field study reports
- Mapping / documentation / photographic / video graphic documentation
- Measured drawings
- Computer based assignments
- Tutorials

QUANTITY SURVEYING & SPECIFICATION WRITING I		
Course Code	4201958 [THEORY]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 4 (Lectures: 2, Studio :2)	Sessional Viva	NIL
	In-semester exam	30
	End Semester exam	70
	Total Marks	100
	Total Credits	03

COURSE OBJECTIVES:

- To Introduce Estimation as an important Subject for Architecture.
- To Understand Different methods of Computing Quantities for items of work in a structure.
- To acquaint students with methodology of writing specifications with reference to building trades, materials, workmanship & performance of different items of work.

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8. Specification Writing for Architects & Engineers, By Donald A. Watson
9. Specification Writing for Architects & Surveyors, By Arthur J. Wills
10. Estimating, Costing, Specification & Valuation, By M. Chakraborty
11. Reference drawings from offices of MEP consultants

PROFESSIONAL PRACTICE		
Course Code	4201959 [THEORY]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 3 (Lectures: 2, Studio :1)	Sessional Viva	NIL
	In-semester exam	30
	End Semester exam	70
	Total Marks	100
	Total Credits	03

COURSE OBJECTIVE:

- To acquaint the student with the role & stature of the Architect in the society and understand duties, liabilities, responsibilities & ethics as a professional.
- To acquaint the student with the scope & avenues of Professional Architectural services and the demands & mode of Professional Practice field.
- To familiarize & prepare the student with the adequate knowledge of an Architect's office administration, documentation, banking, taxation & other procedures of office along with the Laws applicable to Architects.
- To familiarize the student with the Council of Architecture, Architect's Act, Architectural competitions & other allied professional organizations.

COURSE CONTENT:

- **Unit 1**
  Introduction to the nature, scope and avenues of service and **professional practice as an Architect**, Role of an Architect as a **technical professional**. Illustrate the changing nature of the Architects.
- **Unit 2:**
  The Architects Act 1972, The Council of Architecture, its composition, legal status, and mandate for to Registration of Architects and for monitoring the Academics and Profession of Architecture, Rules and Regulations of the Council regarding Professional Liabilities & Code of Conduct. Introduction to Architectural Competitions, its Pros and Cons. Rules and Regulations as per Council of Architecture
- **Unit 3**
  Avenues of professional service and mode & nature of professional practice - Types of Organizations, Scope of comprehensive Services, Scale of Fees, and Site supervision, Documentation, Introduction to Office Management, & International practice.
- **Unit 4**

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SEMESTER VIII

ARCHITECTURAL DESIGN VII		
Course Code	4201960 [SV]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 8 (Lectures: 1, Studio: 7)	Sessional [CIA125+EA125]	250
	Viva [INT 25+ EXT 25]	50
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	300
	Total Credits	11

COURSE OBJECTIVE

To develop architectural interventions as part of a process to understand complex issues of an urban context, generating design brief and taking design decisions based on the following aspects:

- **Precedent Studies:**
  To introduce the students to Urban spaces from cases, referral, live studies through the process of observation, survey and, documentation and evaluate them for gaining a design approach.
- **Socio-Cultural Aspects:**
  To evaluate socio-cultural aspects like lifestyle, cultural beliefs and practices, traditions, and their effect on urban spaces and architectural design etc.
- **Site Context and Analysis:**
  To understand and apply information about the site, its scale, location, topography, context- both, immediate and wider, and complexity of existing functions, and understand the potentials, challenges, and future requirements of the site to take decisions of design brief development in terms of types of buildings in urban complexes, multiple functions, multifunctional space typologies, area requirements, as well as decisions about zoning, circulation, distribution of built and open spaces, activity relationships and adjacencies, and views.
- **Traffic and vehicular movement:**
  To understand and apply ideas about networking, hierarchy of connectivity, pedestrian and vehicular movements within the masterplan and the surrounding context of site.
- **Building Material and Construction Technology:**

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9. To understand various issues and aspects of sustainability, earthquake resistant construction, universal accessibility, etc. and understand how these may be integrated in the architectural design process.
10. To apply relevant legislative provisions (Building byelaws, GDCR, CRZ, EPA, ECBC, GRIHA etc.) to the design project.

SESSIONAL WORK - ONE OF THE TWO OPTIONS
PROJECT TYPE 1

- **Unit 1:**
  Identification and analysis of issues related to various aspects mentioned above including mobility, networks, inclusiveness, built-form disposition, architectural character, identity, activities, community participation, etc. at an urban neighbourhood level of area (***other than housing***) @ 2-3 hectares with an aim to evolve a design brief and a design solution including a neighbourhood level master- plan and/or intervention guidelines in the context for the same.
    - The Architectural project should evolve from the study of the Area and be an outcome of issues identified, Development Plan proposals for the area if any and a subset of the overall Master Plan for the Area.
- **Unit 2:**
  A well resolved and communicated architectural design of a component/s of the neighbourhood studied as mentioned in Unit 1 above, with a total carpet area of not less than 6000 sqm and not more than 20000 sqm area of Functional Space depending on context and complexity of the project.

OR
PROJECT TYPE 2

- **Unit 1:**
  Study of an urban area (***other than housing***) including aspects like mobility, movement networks, built form disposition, character, identity, activities, open space networks, walkability, inclusiveness, etc. as relevant to the area selected and the design brief proposed as in Unit 2 below.
- **Unit 2:**
  Development of Master Plan area of 2- 3 Ha in a group of three students maximum.
- **Unit 3:**
  Development of Design proposals individually for the area of any and a subset of the overall Master Plan.
    - A well resolved and communicated architectural design for a multi-functional building complex or a specialty building of a total carpet area not less than 6000 sqm and not more than 20000 sqm in an urban context with substantial complexity addressing Issues of architectural character, identity, built form, contextuality, structural system, advanced

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Design and construction of Auditorium (minimum capacity 350 with provision of a balcony and projector room in case of multiplex) along with required services.

Assignment will be on preparing of drawings containing plans and sections, showing all services and constructional details [minimum four A1 drawing sheets]

- **Unit 2: Building elements & Elevation treatments**

  Construction and architectural details of Building elements of design projects (previous semester/ previous year) For example—pergola, porches, atriums, façade, curtain wall, podium (with different use such as parking / landscape) etc.

  Assignment will be based on preparing of drawings with complete details. [Minimum three A1 size drawing sheets].

- **Unit 3: High rise buildings.**

  Introduction to construction of high-rise buildings with RCC as a material. Study of Council Norms with NBC Rules & analysis of structural system behaviour in high rise / super high-rise structures under different loading conditions.

  Assignment will be in form of compiled notes and sketches.

OR

- **Unit 3: Industrial structures**

  Design and construction of medium scale industrial structures with reference to all services details. Assignment will be on the same. [Minimum two A1 drawings sheets]

RECOMMENDED READINGS:

1. Tricomi, Ernest. ABC of Air-conditioning.1970
2. Smith, Philips & Sweeney. Environmental Science
3. Daniels, Klaus. Advanced Building Systems – A Technical Guide for Architects and Engineers. Birkhauser, Boston. 2003 4. National Building Code of India
4. Advance building construction by MACKEY High Rise Buildings by Jaswant Mehta Theatres and Auditoriums by Harold Burris- Meyer & Edward Cole. Architects Working Details

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urban heritage conservation through primary surveys (group work in a group of 5 students) (30 marks) –

3. Two Tutorial based upon course outline (15marks each total 30 marks).

OUTCOME

Students will develop a basic understanding Planning and Urban Design legislation; studying planning process, survey, and application of the same to know about issues like urban economics, transportation.

RECOMMENDED READINGS:

1. Gallion, Arthur.The Urban Pattern. New Delhi: CBS Publishers and Disrtibuters, 2003
2. Bacon, Edmund. Design of Cities London: Thames and Hudson, 1974
3. Paddison, Ronan. Handbook of Urban Studies.London: sage Publications, 2001
4. Spreriegen, Paul. Urban Design: The Architecture of Town and Cities.
5. Malabar,FL-USAKrieger Publishing Co., 1967 Lynch, Kevin. The Image of The City London: The MIT Press, 1960
6. Book of Development Control Regulations by Local Municipal Corporation (latest edition available)
7. Book of AITP Exam study material: 'Planning Law and Legislation' by ITPI New Delhi Guide to Planning Surveys including Landuse Classification: TCPO, Govt of India: 2004
8. Correa, Charles. Housing and Urbanisation. London: Thames and Hudson, 2000.
9. Howard, Ebenezer. Garden Cities of Tomorrow, 1902
10. Maharashtra Regional and Town Planning Act, 1966
11. Traffic and Transportation Planning by L.R. Kadiali
12. Coordinates (is an exclusive monthly magazine on positioning, navigation, associated technologies and applications.
13. Down to Earth (magazine edited by Sunita Narain)
14. My Liveable City (magazine co-founded by Shyam Khandekar& Shashikala Venkatraman)

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ELECTIVE V		
Course Code	4201964 [SS]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 3 (Lecture: 1, Studio :2)	Sessional (internal)	25
	Sessional (external)	25
	Viva (internal)	NIL
	Viva (external)	NIL
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	50
	Total Credits	02

COURSE OBJECTIVES

To allow the students to study a subject of their interest and develop theoretical as well as practical understanding of the same

As mentioned in the course structure of 2019 pattern syllabus [Appendix B] a student may adhere to a particular stream of elective of his/her choice and nurture his/her area of interest and develop his/her expertise.

However, colleges have to ensure that the student does not repeat a particular elective.

COURSE OUTLINE:

Colleges have to develop course outline for the elective they wish to offer such that theoretical as well as practical aspects are covered linking them to the field of architecture.

Apart from lectures delivered by the subject resource persons, self-study in form of hands-on workshop / field work/ review of literature / seminar or any suitable format of learning may be adopted.

SESSIONAL WORK:

The submission to be devised by the colleges in form suitable to the elective offered. The format could be [but not limited to] as following.

- Field study reports
- Mapping / documentation / photographic / video graphic documentation
- Measured drawings
- Computer based assignments
- Tutorials

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- Fire fighting
- Accessibility- arrangements for disabled persons

RECOMMENDED READINGS:

1. B.I.S 1200- Part-I 1992. n.d.
2. Prof. B.N. Dutta, Estimating and Costing in Civil Engineering.
3. B.S.Patil. Civil Engineering Contracts and Estimates.
4. Dr. Roshan Namavati. Professional Practice.
5. Rangawala. Estimating Costing and Valuation.
6. Indian Standard specifications
7. C.P.W.D. Specifications and schedule of rates
8. Specification Writing for Architects & Engineers, By Donald A. Watson
9. Specification Writing for Architects & Surveyors, By Arthur J. Wills
10. Estimating, Costing, Specification & Valuation, By M. Chakraborty
11. Reference drawings from offices of MEP consultants

PROJECT MANAGEMENT		
Course Code	4201966 [THEORY]	
Teaching Scheme	Examination Scheme	
Total Contact Hours per week: 3 (Lectures: 2, Studio :1)	Sessional Viva	NIL
	In-semester exam	30
	End Semester exam	70
	Total Marks	100
	Total Credits	03

COURSE OBJECTIVE

- Students need to understand reality of modern-day Project environment which is getting more complex and more collaborative due to ever demanding requirements of creative and unique design concepts and importance of Project Management to manage this dynamic environment
- Introducing to the students "Management Concepts "and the Role of an Architect as Project Manager in executing a project from conceptualization, design stage through the documentation and construction stage.
- This course will be an introduction to basics of Project Management framework and Knowledge areas giving glimpses on best practices to manage collaborative project environment and roles and responsibilities of various stakeholders of Project and how Project manager leads to successful project completion within cost and time and meets or exceeds project quality standards.

COURSE OUTLINE

- **Unit 1: Introduction Project and Project environment**

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2. Design management for Architects - by Stephen Emmitt
3. Project Management Concepts, Methods, and Techniques - by Claude H. Maley · 2012
4. Construction Project Management Planning, Scheduling and Controlling – by Chitakara.
5. Reference drawings and reports from offices of projects to understand the concepts.

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Equivalence of Subjects for 2015 Pattern and 2019 Pattern

1. Both 2015 and 2019 Syllabi of B. Arch are semester patterns
2. Some subjects are newly introduced in 2019 pattern ,hence the candidate has to take the courses in these subjects

* indicates new subjects introduced in 2019 syllabus

FIRST YEAR SEMESTER I and II

2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
1201501	Design I (SV)	1201901	Basic Design (SS)
1201502	Building Technology & Materials I (SV)	1201903	Building Construction & Materials I (SV)
1201503	Building Technology & Materials I (PP)	1201902	Building Construction & Materials I (PP)
1201504	Theory of Structures I (PP)	1201904	Theory of Structures I (PP)
1201505	Arch Drawing & Graphics I (SS)	1201905	Architectural Graphics and Drawing I (SS)
1201506	Humanities (SS)	1201906	History of Arch. & Culture I (SS)
1201507	Introduction to Architecture (SS)	1201915	Fundamentals of Architecture (SS)
1201508	Workshop I (SS)	1201908	Workshop I (SS)
1201509	Design II (SV)	1201909	Architectural Design I (SV)
1201510	Building Technology & Materials II (SV)	1201911	Building Construction & Materials II (SV)
1201511	Building Technology & Materials II (PP)	1201910	Building Construction & Materials II (PP)
1201512	Theory of Structures II (PP)	1201912	Theory of Structures II (PP)
1201513	Arch Drawing & Graphics II (SS)	1201913	Arch Drawing & Graphics II (SS)
1201514	History of Architecture I (SS)	1201914	History of Arch. & Culture II (SS)
1201515	Climatology (SS)		to appear
1201516	Workshop II (SS)	1201916	Workshop II (SS)
		1201907	Communication Skills**

SECOND YEAR SEMESTER III and IV

2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
2201517	Design III (SV)	2201917	Architectural Design II (SV)
2201518	Building Technology & Materials III(SV)	2201919	Building Construction & Materials III (SV)
2201519	Building Technology & Materials III(PP)	2201918	Building Construction & Materials III (PP)
2201520	Theory of Structures III	2201920	Theory of Structures III
2201521	Building Services I (SS)	2201924	Building Services I (SS)
2201522	Building Services I (PP)	2201923	Building Services I (PP)
2201523	History of Architecture II (SS)	2201922	History of Arch & Culture III (SS)
2201524	Arch Drawing & Graphics III (SS)	2201921	Computers Aided Drawing and Graphics
2201525	Surveying & Levelling (SS)		to appear
		2201925	Climatology (SS) **
2201526	Design IV (SV)	2201926	Architectural Design III(SV)
2201527	Building Technology & Materials IV(SV)	2201928	Building Construction & Materials IV (SV)
2201528	Building Technology & Materials IV (PP)	2201927	Building Construction & Materials IV (PP)
2201529	Theory of Structures IV (PP)	2201929	Theory of Structures IV (PP)
2201530	Building Services II (SS)	2201933	Building Services II (SS)
2201531	Building Services II (PP)	2201932	Building Services II (PP)
2201532	History of Architecture III (SS)	2201931	History of Arch. & Culture IV (SS)
2201533	Technical Communication(SS)		to appear
2201534	Working Drawing I (SS)		to appear
		1101300	Environmental Science
		2201934	Site Survey and Analysis**

THIRD YEAR SEMESTER V and VI

2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
3201535	Design V (SV)	3201935	Architectural Design IV (SS)
3201536	Building Technology & Materials V(SV)	3201937	Building Construction & Materials V (SV)
3201537	Building Technology & Materials V (PP)	3201936	Building Construction & Materials V (PP)
3201538	Theory of Structures V	3201938	Theory of Structures V (PP)
3201539	Landscape Architecture I	3201939	Landscape Architecture (SS)
3201540	Building Services III (SS)	3201942	Building Services III (SS)
3201541	Building Services III (PP)	3201941	Building Services III (PP)
3201542	History of Architecture IV (SS)	3201940	Contemporary Architecture Elective I

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3201543	Working Drawing II (SS)	3201952	Working Drawing II (SS)
		3201943	Working Drawing I**
3201544	Design VI (SV)	3201944	Architectural Design V (SV)
3201545	Design VI (PP)	3201945	Architectural Design V (PP)
3201546	Building Technology & Materials VI(SV)	3201946	Building Construction & Materials VI (SV)
3201547	Building Technology & Materials VI(PP)		to appear
3201548	Theory of Structures VI (SS)	3201947	Theory of Structures VI (SS)
3201549	Landscape Architecture II (SS)		to appear
3201550	Building Services IV(SS)	3201951	Building Services IV(SS)
3201551	Building Services IV (PP)	3201950	Building Services IV(PP)
3201552	Contemporary Arch Seminar (SS)		to appear
3201553	Elective I (SS)	3201949	Elective II
		3201948	Research in Architecture I**

FOURTH YEAR SEMESTER VII and VIII			
2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
4201554	Design VII (SV)	4201953	Architectural Design VI (SV)
4201555	Advanced Building Technology and Services I (SV)	4201954	Advanced Building Construction and Services I (SV)
4201556	Professional Practice I (PP)	4201959	Professional Practice (PP)
4201557	Urban Studies I (SS)	4201955	Urban Studies I (SS)
4201558	Research in Architecture I (SS)		to appear
4201559	Quantity Surveying and Estimation I (PP)	4201958	Quantity Surveying & Specification Writing I (PP)
4201560	Specification Writing I (PP)	4201965	Quantity Surveying & Specification Writing II(PP)
4201561	Elective II (SS)	4201957	Elective III
		4201956	Research in Architecture II**
4201562	Design VIII (SV)	4201960	Architectural Design VII (SV)
4201563	Advanced Building Technology and Services II (SV)	4201961	Advanced Building Construction and Services II (SV)
4201564	Professional Practice II (PP)		to appear
4201565	Urban Studies II (SS)	4201962	Urban Studies II (SS)
4201566	Research in Architecture II (SS)	4201966	Project Management**
4201567	Quantity Surveying and Estimation II (PP)		to appear
4201568	Specification Writing II (PP)		to appear
4201569	Elective III (SS)	4201963	Elective IV
		4201964	Elective V**

FIFTH YEAR SEMESTER IX			
2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
5201570	Practical Training (SV)	5201967	Practical Training (SV)
FIFTH YEAR SEMESTER X			
2015 Pattern		2019 Pattern	
Subject Code	Subject	Subject Code	Subject
5201571	Architectural Design Project (SV)	5201968	Architectural Design Project (SV)
5201572	Elective IV (SS)	5201970	ElectiveVI (SS)
		5201969	Entrepreunarship Development**

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

C) Savitribai Phule Pune University- B. Arch Program Syllabus details

2. 2015 PATTERN

- Syllabus Implementation letter
- Syllabus Course Structure
- Syllabus Course details

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सावित्रीबाई फुले पुणे विद्यापीठ

दूरध्वनी क्रमांक :
०२०-२५६९१२३३
२५६०१२५८
२५६०१२५९

शैक्षणिक विभाग
गणेशखिंड, पुणे-४११ ००७
टेलिग्राफ : 'युनिपुणे'
फॅक्स : ०२०-२५६९१२३३
वेबसाइट : www.unipune.ac.in
इ-मेल : boards@pun.unipune.ac.in

संदर्भ क्र. सी.बी./इंजि / 963

दिनांक : 08/02/2015

परिपत्रक क्र. 94 / २०१५

विषय:— अभियांत्रिकी विद्याशाखेअंतर्गत B. Arch. and M. Arch. (Credit System) च्या नवीन अभ्यासक्रमांस व आराखडयास शैक्षणिक वर्ष २०१५-१६ पासून मान्यता देण्याबाबत..... .....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, अभियांत्रिकी विद्याशाखेअंतर्गत B. Arch. and M. Arch. (Credit System) च्या खालील नवीन अभ्यासक्रमांस व आराखडयास शैक्षणिक वर्ष २०१५-१६ पासून मान्यता देण्यात येत आहे.

1. B. Arch. (2015 Course)
   - First and Second Year B. Arch.
2. M. Arch. (2015 Course):
   - M. Arch. (Landscape); M. Arch. (Environmental Architecture); M. Arch. (Digital Architecture); M. Arch. (Architectural Conservation) and M. Arch. (Computer Applications)

पुणे विद्यापीठाच्या सर्व संलग्न वास्तुशास्त्र महाविद्यालयांचे मा. प्राचार्य यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधित प्राध्यापक व विद्यार्थ्यांच्या निदर्शनास आणून द्यावा.

4/2/15
संचालकांकरिता
(म.वि.वि.मं)

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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ेत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, अभियांत्रिकी विद्याशाखा
२. मा. संचालक, बी.सी.यु.डी.
३. मा. प्राचार्य, सर्व वास्तुशास्त्र महाविद्यालये
४. मा. संचालक, सर्व मान्यताप्राप्त संस्था
५. मा. परीक्षा नियंत्रक, पुणे विद्यापीठ
६. मा. संचालक, स्पर्धा परीक्षा केंद्र
७. मा. उपकुलसचिव, परीक्षा (१,२)
८. मा. सिस्टीम ॲनालिस्ट डेटा प्रोग्रेसिंग युनिट
९. मा. उपकुलसचिव, प्रवेश
१०. मा. उपकुलसचिव, विकास
११. मा. उपकुलसचिव, पात्रता
१२. सहाय्यक कुलसचिव (परीक्षा समन्वय)
१३. सहाय्यक कुलसचिव (परीक्षा—एस.ॲण्ड टी. विभाग)
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१५. सहाय्यक कुलसचिव (परदेशी विद्यार्थी केंद्र)
१६. सहाय्यक कुलसचिव (सभा दप्तर)
१७. कायदा अधिकारी
१८. जनसंपर्क अधिकारी
१९. कक्षाधिकारी (बहि:स्थ)
२०. कक्षाधिकारी (पात्रता विभाग)
२१. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब ४० पीए/४० /१४, दि. ३० डिसेंबर, २०१४

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सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :
०२०–२५६९१२३३
२५६०१२५८
२५६०१२५९

शैक्षणिक विभाग
गणेशखिंड, पुणे–४११ ००७
टेलिग्राफ : 'युनिपुणे'
फॅक्स : ०२०–२५६९१२३३
वेबसाइट : www.unipune.ac.in
इ–मेल : boards@pun.unipune.ac.in

संदर्भ क्र. :सी.बी./इंजि. /34

दिनांक : 10/01/2017

परिपत्रक क्रमांक. 90 /२०१७

विषय :– तृतीय, चतुर्थ व पंचम वर्ष बी.आर्च २०१५ पॅटर्न अभ्यासक्रम शैक्षणिक वर्ष २०१७–१८ पासून लागू करण्यासंदर्भात.

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, तृतीय, चतुर्थ व पंचम वर्ष बी.आर्च २०१५ पॅटर्न अभ्यासक्रमास शैक्षणिक वर्ष २०१७–१८ पासून मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या वेबसाईटवर Syllabi–Engineering या शीर्षकाखाली उपलब्ध आहे.

सावित्रीबाई फुले पुणे विद्यापीठाच्या सर्व संलग्न वास्तुशास्त्र महाविद्यालयांचे मा. प्राचार्य यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधित प्राध्यापक व विद्यार्थ्यांच्या निदर्शनास आणून द्यावा.

10/1/17

संचालकांकरिता
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प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. समन्वयक, अभियांत्रिकी विद्याशाखा
२. मा. संचालक, म.वि.वि.मं
३. मा. प्राचार्य, सर्व वास्तुशास्त्र महाविद्यालये
४. मा. संचालक, सर्व मान्यताप्राप्त संस्था
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१३. सहायक कुलसचिव, शैक्षणिक प्रवेश विभाग
१४. सहायक कुलसचिव (गोपनीय कक्ष)
१५. सहायक कुलसचिव (परीक्षा—एस.ॲण्ड टी. विभाग)
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१७. वरिष्ठ कायदा अधिकारी
१८. जनसंपर्क अधिकारी
१९. कक्षाधिकारी (बहि:स्थ)
२०. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब ०३ पीए/०३/२०१६, दि. २९ नोव्हेंबर, २०१६

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SAVITRIBAI PHULE PUNE UNIVERSITY

COURSE STRUCTURE

FIVE YEAR DEGREE COURSE IN ARCHITECTURE

[B.ARCH.]

TO BE IMPLEMENTED FROM 2015-16

BOARD OF STUDIES IN ARCHITECTURE

FACULTY OF ENGINEERING

PDEA College of Architecture Akurdi, Pune-44

SAVITRIBAI PHULE PUNE UNIVERSITY

BACHELOR OF ARCHITECTURE

COURSE STRUCTURE AND RULES

Preamble

The New Syllabus of the B.Arch course hence forth to be referred as the 2015 Pattern, to be implemented from the year 2015-16, is designed to address and update the knowledge about the field. The course focuses to develop the design ability, impart knowledge about various aspects of architecture and develop various skill sets. Considering this certain subjects are reduced in scope while certain new subjects are added.

As per the University guidelines, the course is structured upon the Credit System Based Assessment. In semester and End semester assessment is introduced for theory paper subjects and at end of the semester sessional assessment for studio based subjects.

Following are the salient features of the course content.

- To bridge the gap between learning Basic Design and its application in Architectural Design, a comprehensive subject titled as "Design" is introduced where in there is simultaneous and synchronized learning of basic design and architectural design fundamentals in the first two years of the course.
- "Introduction to Architecture" a one semester (first semester) course would give an overview of the discipline of architecture as well as the structure of five-year course.
- "Humanities" as a separate subject is introduced to enable the understanding of human culture, society and civilisations and prepare a base for learning the history of architecture in the later semesters. The subject should be taught from the perspective of architecture.
- "Urban Studies" in the fourth year (both the semesters) is a comprehensive subject integrating urban planning, urban design, architectural conservation & byelaws. An introduction to building economics is also included in the course content.
- "Research in Architecture I" would introduce the students to the research methodology and research methods while in "Research in Architecture II" the students would undertake a research project to employ the knowledge they gained in the first leg of this subject.
- "Electives" are introduced from sixth semester onwards. The subjects / topics of the elective are thematically grouped: Sixth semester Elective I (Interior design elective), Seventh semester Elective II (Design and Technology

PDEA College of Architecture Akurdi, Pune-44

elective), Eighth semester Elective III (Allied elective) and Tenth semester Elective IV (Management Elective).

Rule no.1: ELIGIBILITY FOR ADMISSION.
Eligibility Criteria: Students seeking admission to First year of Bachelor's degree course in Architecture must fulfill the eligibility criteria laid down by University of Pune / Govt. of Maharashtra / Council of Architecture as applicable from time to time.

Rule no.2: SCHEME OF ASSESSMENT.
A candidate to be eligible for the degree of Bachelor of Architecture will be required to appear for and pass examinations as under:

Examination Consisting of

STAGE I (Total credits of Stage I = 144)
1. I B.Arch. Semester I & II exams
2. II.B.Arch Semester III & IV exams
3. III.B.Arch. Semester V & VI exams

STAGE II (Total credits of Stage II = 70)
4. IV B.Arch. Semester VII & VIII exams
5. V B.Arch. Semester IX & X exams

Total Credits of the Course = Stage I + Stage II = 214

Rule no. 3: GRANTING OF TERM.
Academic year shall consist of two semesters of 90 teaching days each. Sessional work completed by the students shall be continuously assessed internally during the term and assessed at the end of the academic term jointly by the internal and external examiners. The candidate will be permitted to appear for examination **only if** he/she produces testimonials from the Principal of the College for :

1. 75% attendance in each head of passing of theory and/ or sessional work as prescribed by the University.
2. Satisfactory completion of the sessional work prescribed for each subject and securing minimum 45% marks in the Internal assessment for the same.
3. Good Conduct.

Rule no. 4: PREREQUISITES FOR ADMISSION TO HIGHER CLASSES.

A student shall be promoted to higher class only if he/she has scored minimum 45 % marks in each theory / sessional / sessional and viva-voce head and minimum 50% aggregate.

PDEA College of Architecture Akurdi, Pune 44

For admission to Stage II of the course:

1. Candidates admitted to the course shall complete the first stage within five years of admission to the course.
2. The aggregate marks of F.Y, S.Y., and T.Y. at the end of Stage I should not be less than 50%.

Rule no. 5 : Rules of Passing

5.1 To pass sessional and /or oral, the student has to earn minimum 45% marks in each head.
5.2 To pass the theory subject head the student has to earn minimum of 45% marks in the End semester exam and minimum 45% average marks (In semester + End semester).
5.3 The failing student can repeat the end semester exam to pass the head in any semester and the In semester exam marks will be retained as it is. Or the failing student can repeat for end semester exam as well as in semester exam for the head of even semester in the even semester only and for the head of odd semester in the odd semester only for the theory head.
5.4 To earn credits of a course (paper/sessional/oral) student must pass the course with minimum passing marks / grade.
5.5 Student can apply only for the revaluation / photocopying / verification of answer sheets of End semester exam only.

Rule no. 6: RULES OF A.T.K.T.

1. A student can be admitted for the third semester if he/she earns minimum **50%** credits of the total of first and second semester.
2. A student can be admitted for the fifth semester if he/she earns minimum **50%** credits of the total of third and fourth semester and all the credits (**100%**) of the first and second semester and passing grade of aggregate for first year.
3. A student can be admitted for the seventh semester if he/she earns minimum **50%** credits of the total of the fifth and sixth semesters and all the credits (**100%**) of the third and fourth semesters and passing grade of aggregate for second year.
4. Fourth Year and Final Year are considered as integrated Stage II of the course and hence students will be allowed to take admission to Fifth year irrespective of the credits earned by the student in seventh and eighth semesters.
5. A student would be awarded B.Arch. only if he/she earns 214 (100%) credits and clears all the courses specified in the syllabus and gets passing grade of aggregate.

PDEA College of Architecture Akurdi, Pune-44

Rule no. 7: ASSESMENT AND GRADE POINT AVERAGE

7.1 A grade assigned to each head based upon marks obtained by the student in examination of the course.

Table 1
GRADING SYSTEM FOR PASSING HEADS (theory / sessional / sessional-viva)

Grade	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
E	5	45-49	Below average
F	0	Below 45	Fail

Table 2

GRADING SYSTEM FOR AGGREGATE

Grade	Grade Points	% of Marks Obtained	Remarks
O	10	90-100	Outstanding
A	9	80-89	Very good
B	8	70-79	Good
C	7	60-69	Fair
D	6	50-59	Average
F	0	Below 50	Fail

7.2 Passing grades for various heads: The grades O,A,B,C,D & E are passing grades for various heads (paper / sessional / sessional viva voce). A candidate acquiring any one of these grades in a course shall be declared as pass only in that particular subject head. And student shall earn the credits for a course only if the student gets passing grade in that course (which includes paper and/or sessional and/ or sessional viva voce).

7.3 Passing grades for Aggregate : The grades O,A,B,C & D are passing grades in the aggregate.

7.4 F grade for various heads: The grade F is a failure grade. The student with F grade will have to pass the concerned course by reappearing for the examination.

7.5 F grade for aggregate: The grade F is a failure grade for aggregate. The student with F grade will have to appear for paper &/ or sessional & /or session viva voce for improvement of aggregate.

PDEA College of Architecture Akurdi, Pune 44

Rule no. 8: EXAMINATIONS.

i. Paper **and/ or**
ii. Sessional / Sessional and Viva-voce based on sessional work,
as prescribed in the subjects will be treated as **separate heads of passing**.

8.1 Structure of Theory Paper Examinations
The theory Examination shall be conducted in two phases for the subjects as indicated in the structure viz.: In Semester Examination and End Semester examination. The structure detailing the time, mode of syllabus coverage, maximum marks etc is given below. This structure of examinations shall be followed by the regular candidates :-

Phase of examination	Time	Mode	Syllabus Coverage	Duration	Max. Marks
In semester	End of 6th week	Written	Unit I & II	60 minutes	30
End Semester	End of Semester	Written	All Units	150 minutes	70

The detail examination schedule shall be decalred at the beginning of the semester by the Savitribai Phule Pune University.

Rule no. 9: CONDUCT OF EXAMINATIONS.

9.1 All the examinations will be conducted at University level.

9.2 In-Semester Examination : Shall be carried out at concerned college by appointing examiners from the panel given by the 32/5 committee of the University and the result to be conveyed to the University.

9.3 End-Semester Examination : Shall be carried out at concerned college as per the University schedule of examination program and the question paper will be made available by the University.

Rule no. 10: Assesment

10.1 **In-semester Examination Assessment** will be done at the College by the expert who is appointed as the examiner for the subject as per 32/5 Panel of the In-semester exam.

10.2 **End-Semester Examination Assessment** will be done at the CAP center by the Expert(s) appointed as the examiner for the subject as per 32/5 Panel of the End-semester exam for Third to Fifth Yr.

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10.3 SESSIONAL WORK ASSESSMENT.

a. The sessional and /or oral examinations is to be conducted and assessed jointly by external and internal examiner approved by the University.
b. In respect of Sessional work at F. Y. B.Arch., S. Y. B.Arch., T. Y. B.Arch. Fourth Yr. B.Arch and Fifth Year B.Arch. target date shall be fixed for the completion of each assignment and the same shall be competed and collected on the fixed target date. All assignments shall be continuously assessed by the teacher during semester.
c. At the end of each semester sessional work shall be assessed jointly by the internal and external examiners from amongst the panel approved by the University.
d. Performance of Sessional / Viva-voce Examination shall be assessed on the basis of understanding of the principles involved and not on the basis of mere correctness or results and ornamental or colourful presentation.
e. Drawings and reports / notes shall be manually prepared. Students may use computers for sessional work under the guidance of the teachers where nature of work is individual and stress is on content rather than skill. The work done by the students has to be authenticated for its originality by the concerned teachers.
f. At all the examinations **except** for the SEMESTER X : ARHITECTURAL PROJECT, external assessment shall be carried out by Internal teachers from other college in the University not teaching that or any other subject in the institute where the examination is being conducted.
g. For tenth semester Architectural Project an external examiner means a professional not teaching in any of the colleges under University of Pune.
h. Internal Examiner : Internal Examiner is one who is teaching that particular subject in the same/any other college under University.
i. An Examiner for any of the subjects of examination from 1st year to 3rd. Year Architecture, shall have a minimum of 3 years teaching / professional experience in his/her field of study.
j. An Examiner for any of the subjects of examination for 4th year and Final Year Architecture, shall have a minimum of 5 years teaching / professional experience in his/her field of study.
k. To qualify for the External Examiner at the tenth semester Architectural Project, the professional shall have a minimum of five years professional experience.

Rule no.11 : PERFORMANCE INDICES

PDEA College of Architecture Akurdi, Pune-44

1. The semester end grade sheet will contain grades for the course along with titles and SGPA. Final grade sheet and transcript shall contain CGPA.
2. **SGPA** : The performance of a student in a semester is indicated by a number called the semester grade point average (SGPA). The SGPA is the weighted average of grade points obtained in all the courses registered by the student during the semester.

Semester Grade Point Average (SGPA) =

$$SGPA = \frac{\sum_{i=1}^{p} CiGi}{\sum_{i=1}^{p} Ci}$$

$$= \frac{\sum \ Grade\ Points\ earned\ X\ Credits\ for\ each\ course}{\text{Total Credits}}$$

For example : Suppose in a given semester a student has registered for five courses having credits C1, C2, C3, C4, C5 and his / her grade points in those courses are G1, G2, G3, G4, G5 respectively,

Then the SGPA would be

$$SGPA = \frac{C1G1 + C2G2 + C3G3 + C4G4 + C5G5}{C1 + C2 + C3 + C4 + C5}$$

SGPA is calculated up to two decimal places by rounding off.

3. **CGPA** : The CGPA is the weighted average of the grade points obtained in all the courses (theory /sessional /vivavoce) of **seventh, eighth, ninth and tenth** semesters. It is calculated in the same manner as the SGPA. It is calculated based upon the SGPA of the concerned semesters.

Rule no. 12: RESULT

Based on the performance of the student in the semester examinations, the Savitribai Phule Pune University will declare the results and issue the Semester grade sheets.

The class shall be awarded to a student on the CGPA calculated in rule no. 11(3). The award of the class shall be as per the table no. 3 below.

PDEA College of Architecture Akurdi, Pune-44

Table 3

Sr.No.	CGPA	Class of the degree awarded
1	7.75 or more than 7.75	First class with distinction
2	6.75 or more but less than 7.75	First class
3	6.25 or more but less than 6.75	Higher second class
4	5.5 or more but less than 6.25	Second class

Rule no. 13: EXEMPTIONS

In case a candidate fails in an examination but desires to appear again,

a) Examinations will be held in Oct. / Nov. & Apr / May.
b) He/ She may be exempted from appearing in the head/s of passing in which he/she has passed.
c) The students failing to get minimum passing grade for aggregate in a year can also appear for the examinations (paper and/or sessional and/or sessional-vivavoce) to enhance their marks in maximum four heads.

Rule no. 14: INTRODUCTION OF THIS CURRICULUM.

The new curriculum for the Degree course in Architecture B.Arch will be introduced gradually as under:

a) First Yr. B. Arch. course from June 2015
b) Second Yr. B. Arch. course from June 2016
c) Third Yr. B. Arch. course from June 2017
d) Fourth Yr. B. Arch. course from June 2018
e) Final Yr. B. Arch. course from June 2019

Note : The B.Arch. course introduced in June 2015 would be conducted by the University for 10 consecutive years since inception for the Students admitted between June 2015 to June 2019. However the student has to pass the first stage of this course in maximum five years since admission.

Rule no. 15: OTHER RULES.

University may frame additional rules and regulations or modify these regulations if needed and once approved by the University they would be binding on the students.

PDEA College of Architecture Akurdi, Pune-44

COURSE STRUCTURE
FIVE YEARS DEGREE COURSE
BACHELOR OF ARCHITECTURE

As per the Council of Architecture guidelines approx. 75% course curriculum is prescribed. While remaining may be as per the individual philosophy of the institute. A total of 40 periods (45 min duration) per week per term shall be conducted for the course. Out of these 36 periods are specified below. 4 periods per week are given to the institutions to orient the course as per their own philosophy. Intensive study as per the institution's philosophy may also be done in addition to the detail syllabus in each subject.

The periods considered for calculating the teaching load are of 45 min duration. The credit calculation is based upon 60 minutes amounting to one credit.

Considering the peculiarity of Architecture Education, the studio load is considered equal to the lecture load as one to one contact with the students is desirable and hence credits are calculated by considering full load of lecture and studio periods.

The detail structure of the syllabus for the ten semesters course is given below.

(Note : SS= Sessional work ; PP=theory Paper ; SV = Sessional + Viva voce)

FIRST YEAR B.ARCH. SEM. I

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
1201501	Design I	3	7	--	200	50	--	250	7
1201502	Building Technology & Materials I (SV)	3	4	30			70	200	5
1201503	Building Technology & Materials I (PP)				50	50			
1201504	Theory of Structures I (PP)	1	2	30			70	100	2
1201505	Arch Drawing & Graphics I	2	5	--	100	--	--	100	4
1201506	Humanities	2	1	--	50	--	--	50	2
1201507	Introduction to Architecture	2	1	--	50	--	--	50	2
1201508	Workshop I	1	2	--	50	--	--	50	2
		14	22					**800**	**24**

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FIRST YEAR B.ARCH. SEM. II

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
1201509	Design II	3	7	--	200	50	--	250	7
12015010	Building Technology & Materials II(SV)	3	4	30			70	200	5
12015011	Building Technology & Materials II (PP)				50	50			
1201512	Theory of Structures II	1	2	30			70	100	2
1201513	Arch Drawing & Graphics II	2	5	--	100	--	--	100	4
1201514	History of Architecture I	2	1	--	50	--	--	50	2
1201515	Climatology	2	1	--	50	--	--	50	2
1201516	Workshop II	1	2	--	50	--	--	50	2
		14	22					800	24

SECOND YEAR B.ARCH. SEM. III

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
2201517	Design III	3	8	--	200	50	--	250	7
2201518	Building Technology & Materials III(SV)	3	4	30			70	200	5
2201519	Building Technology & Materials III(PP)				50	50			
2201520	Theory of Structures III	1	2	30			70	100	2
2201521	Building Services I (SS)	2	2		50			150	3
2201522	Building Services I (PP)			30			70		
2201523	History of Architecture II	2	1	--	50	--	--	50	2
2201524	Arch Drawing & Graphics III	2	3	--	100	--	--	100	3
2201525	Surveying & Levelling	1	2	--	50	--	--	50	2
		14	22					900	24

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SECOND YEAR B.ARCH. SEM. IV

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
2201526	Design IV	3	8	--	200	50	--	250	7
2201527	Building Technology & Materials IV(SV)	3	4	30			70	200	5
2201528	Building Technology & Materials IV (PP)				50	50			
2201529	Theory of Structures IV	1	2	30			70	100	2
2201530	Building Services II (SS)	2	2		50			150	3
2201531	Building Services II (PP)			30			70		
2201532	History of Architecture III	2	1	--	50	--	--	50	2
2201533	Technical Communication	1	2		50			50	2
2201534	Working Drawing I	2	3		100			100	3
		14	22					**900**	**24**

THIRD YEAR B.ARCH. SEM. V

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
3201535	Design V	3	8	--	200	50	--	250	7
3201536	Building Technology & Materials V(SV)	3	4	30			70	200	5
3201537	Building Technology & Materials V (PP)				50	50			
3201538	Theory of Structures V	1	2	30			70	100	2
3201539	Landscape Architecture I	1	3		50			50	2
3201540	Building Services III (SS)	2	2		50			150	3
3201541	Building Services III (PP)			30			70		
3201542	History of Architecture IV	2	1	--	50	--	--	50	2
3201543	Working Drawing II	2	2		100			100	3
		14	22					**900**	**24**

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THIRD YEAR B.ARCH. SEM. VI

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
3201544	Design VI (SV)	3	8	--	200	50		350	7
3201545	Design VI (PP)			--	--	--	100		
3201546	Building Technology & Materials VI(SV)	3	4	30			70	200	5
3201547	Building Technology & Materials VI (PP)				50	50			
3201548	Theory of Structures VI	1	2	30			70	100	2
3201549	Landscape Architecture II	1	3		50			50	2
3201550	Building Services IV(SS)	2	2		50			150	3
3201551	Building Services IV (PP)			30			70		
3201552	Contemporary Arch Seminar	1	3	--	50	--	--	50	3
3201553	Elective I	1	2		50			50	2
		12	24					950	24

FOURTH YEAR B.ARCH. SEM. VII

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
4201554	Design VII	3	9		200	50		250	8
4201555	Advanced Building Technology and Services I	3	4		150	50		200	5
4201556	Professional Practice I	1	2	30			70	100	2
4201557	Urban Studies I	1	2		50			50	2
4201558	Research in Architecture I	1	2		50			50	2
4201559	Quantity Surveying and Estimation I	1	2	30			70	100	2
4201560	Specification Writing I	1	2	30			70	100	2
4201561	Elective II	1	1		50			50	1
		12	24					900	24

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THIRD YEAR B.ARCH. SEM. VI

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
3201544	Design VI (SV)	3	8	--	200	50		350	7
3201545	Design VI (PP)			--	--	--	100		
3201546	Building Technology & Materials VI(SV)	3	4	30			70	200	5
3201547	Building Technology & Materials VI (PP)				50	50			
3201548	Theory of Structures VI	1	2	30			70	100	2
3201549	Landscape Architecture II	1	3		50			50	2
3201550	Building Services IV(SS)	2	2		50			150	3
3201551	Building Services IV (PP)			30			70		
3201552	Contemporary Arch Seminar	1	3	--	50	--	--	50	3
3201553	Elective I	1	2		50			50	2
		12	24					950	24

FOURTH YEAR B.ARCH. SEM. VII

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
4201554	Design VII	3	9		200	50		250	8
4201555	Advanced Building Technology and Services I	3	4		150	50		200	5
4201556	Professional Practice I	1	2	30			70	100	2
4201557	Urban Studies I	1	2		50			50	2
4201558	Research in Architecture I	1	2		50			50	2
4201559	Quantity Surveying and Estimation I	1	2	30			70	100	2
4201560	Specification Writing I	1	2	30			70	100	2
4201561	Elective II	1	1		50			50	1
		12	24					900	24

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FOURTH YEAR B.ARCH. SEM. VIII

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
4201562	Design VIII	3	9		200	50		250	8
4201563	Advanced Building Technology and Services II	3	4		150	50		200	5
4201564	Professional Practice II	1	2	30			70	100	2
4201565	Urban Studies II	1	2		50			50	2
4201566	Research in Architecture II	1	2		50			50	2
4201567	Quantity Surveying and Estimation II	1	2	30			70	100	2
4201568	Specification Writing II	1	2	30			70	100	2
4201569	Elective III	1	1		50			50	1
		12	24					**900**	**24**

FIFTH YEAR B.ARCH. SEM. IX

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
5201570	Practical Training	--	--	--	150	50	--	200	8
		--						**200**	**8**

FIFTH YEAR B.ARCH. SEM. X

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
5201571	Architectural Design Project	4	16	--	350	100	--	450	12
5201572	Elective IV	1	2		50			50	2
		5	18					**500**	**14**

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DESIGN I

Design I			
Subject Code		1201501	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3 Studio=7)	10	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	250
		Total Credits	7

COURSE OBJECTIVES:

- To introduce the students to the fundamentals and principles of basic design and to enable them to undertake design by application of basic design principles.
- To comprehend Design as a creative process of choice making and statement of intent.

COURSE OUTLINE:

- Creation, creativity and motivation for architects. Relationship between visual aesthetics, design and creativity.
- Elements of Composition: Study of Point, Lines, Planes, Shapes, Material and Texture, Colour, Light etc.
- Principles of Composition: Alignment, Repetition, Pattern, Rhythm, Balance, Hierarchy, Focus, Axis, Emphasis, Juxtaposition, etc.
- Scale, proportion and anthropometry and spatial experience.
- Attributes of Form and Space, Forms in Nature, Platonic Forms, Derivative forms and transformation. Principles of Organization of Form & Space.
- Activation of space, Positive and Negative space; Relationship to location of composition with surroundings.
- Study and analysis of small scale built structure with respect to its context, comfort, function anthropometrical data, and space layout.

SESSIONAL WORK:

- Minimum 8 tasks based upon elements and principles of composition on A3 sheets and/or models.
- Minimum one simple spatial design exercise such as seating area in public space, bus shelter, kiosks, play area, entrance gate etc. demonstrating the application of the design principles and communicated effectively through two and three-dimensional hand done drawings, sketches and models.

RECOMMENDED READINGS

- Ching Francis D. K., Form Space and Order.
- Ching Francis D. K., A Visual Dictionary of Architecture.
- John R. Mather -Climatology: Fundamentals and Application.
- Christopher Alexander- Pattern Language.
- Robert Sommer. -Design Awareness.
- C.M. Deasy -Design for Human Affairs.
- Pierre Von Meiss -Elements of Architecture from form to place.
- Yatin Pandya- Elements of Space Making
- Paul Lassau – Graphic Thinking for Architects and Planners.

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BUILDING TECHNOLOGY AND MATERIALS I

BUILDING TECHNOLOGY AND MATERIALS I			
Subject Code		1201502(SV) 1201503(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3 Studio=4)	7	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 25 25
		In semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	5

COURSE OBJECTIVES

- To help students understand the basic building elements, their function and behavior under various conditions with specific reference to load bearing construction.
- To help students to develop a clear understanding of the basic principles of construction and materials suitable for load bearing construction.
- To help students develop and analytical and logical sequence in thinking about structural aspects of architecture.
- To encourage a mix of classroom and field learning.

COURSE CONTENTS:

Unit 1

Introduction to various elements of building from foundation to roof.

Unit 2

2.1 Principles of load bearing construction.
2.2 Introduction to various building materials which are commonly used in load bearing construction like stone, brick, concrete blocks, mud blocks, etc. with reference to their characteristics, market forms, applications and common quality tests. Cement and cement mortar.

Unit 3

3.1 Different types of soils and bearing capacity, concept of bulb of pressure.
3.2 Strip Foundations suitable for load bearing structures in stone and brick upto plinth level including foundation for steps
3.2 Plinth formation, DPC.
3.3 Introduction to various tools and equipment commonly used in excavation.

Unit 4

4.1 Load bearing and non- load bearing masonry construction using various masonry materials, various types of masonry walls and bonds.
4.2 Study of types of arches and lintels, principles and terminology of arch construction, spanning of openings using brick and stone arches and lintels.

Unit 5

Various pointing and plastering techniques and their processes.

Unit 6

Introduction to types of earthquakes and earthquake resistant measures for load bearing construction.

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SESSIONAL WORK

Hand drawn drawings on Units 3 and 4; Assignments on units 1, 2, 5 and 6.

RECOMMENDED READINGS

1. 'Elements of Structure' by Morgan
2. Structure in Architecture' by Salvadori
3. 'Building Construction' by Mackay W. B., Vol. 1 – 4
4. 'Building Construction' by Barry, Vol. 1 – 5
5. 'Construction Technology' by Chudley, Vol. 1 – 6
6. 'Building construction Illustrated' by Ching Francis D. K.
7. 'Elementary Building Construction' by Michell
8. 'Structure and Fabric' by Everet
9. 'Engineering Materials' by Chaudhary
10. 'Building Construction Materials' by M. V. Naik
11. 'Civil Engineers' Handbook' by Khanna
12. 'Vastu Rachan' by Y. S. Sane
13. National Building Code and I.S.I. Specifications
14. 'Materials and Finishes' by Everet
15. 'A to Z Building Materials in Architecture' by Hornbostle

THEORY OF STUCTURES I

THEORY OF STRUCTURES I			
Subject Code		1201504	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1 Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	NIL NIL NIL NIL
		In semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

- To Introduce Applied Mechanics as an important Subject for Architecture.
- To Understand Different Systems of Forces and their Equilibrium and that a Building is a System of Forces in Equilibrium.
- To Introduce and Understand Concepts of Support, Support Reactions, Beams, Loads, Bending and Shear.

COURSE OUTLINE:

Unit 1. Forces.

1. Applied Mechanics, Statics and Dynamics. Importance of Study.
2. Forces, Definition, Effects, Different Systems, Principle of Transmissibility and Superimposition of Forces. Resolution and Composition of Forces.
3. Equilibrium of Concurrent Forces. Parallelogram, Polygonal & Triangular Law of Forces. Lami's Theorem. Analytical and Graphical Solution of Forces. Resultant and Equilibrant of a System of Concurrent Forces.
4. Equilibrium of Non Concurrent Forces. Varignon's Principle. Resultant of a system of noncurrent forces as in a beam.

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ARCHITECTURAL DRAWING AND GRAPHICS I

ARCHITECTURAL DRAWING AND GRAPHICS I			
Subject Code		1201505	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2 Studio=5)	7	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	50 50 NIL NIL
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	100
		Total Credits	4

COURSE OBJECTIVES:

- To introduce students to architectural drawing techniques and to the language of graphics, its vocabulary and grammar such as scale, annotations, labelling and dimensioning.
- To enable students to express simple three dimensional objects and building components through Technical Drawings, using various graphic projection systems such as orthography, Isometric and Axonometric projections.
- To introduce various techniques of sketching for recording, studying and communicating objects, buildings and building components.

COURSE OUTLINE:

Unit 1 Introduction to various drawing instruments and methods of employing them for technical drawing and sketching.

Unit 2 Introduction to graphic language and its components:

- Line types: meaning and application
- Architectural Lettering and dimensioning techniques
- Architectural annotations and conventions including representation of various building materials and building components
- Graphic scales and their application

Unit 3 Plane and Solid geometry:

- Introduction to graphical construction of various plane geometrical shapes.
- Introduction to various projection systems used in Architectural drawing; such as Orthographic, Isometric and Axonometric projections to draw and represent various three dimensional geometrical objects/forms including Section/s.

Unit 4 Scale Drawing:

- Scale drawing (plan/s section/s and elevation/s) of a simple building of sufficient size to demonstrate use of various metric scales, conventions and standard annotations.

Unit 5 Sketching:

- Introduction to architectural sketching using various mediums such as graphite pencil, charcoal, pens, markers etc.
- Principles of free hand sketching such as proportions, light and shade; with primary thrust on sketching of building elements and built environment.

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INTRODUCTION TO ARCHITECTURE

INTRODUCTION TO ARCHITECTURE			
Subject Code		1201507	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2 Studio=1)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

To introduce the students to the field of Architecture, its scope, and fundamentals.

COURSE OUTLINE

- Introduction to the profession of architecture and its distinguishing characteristics with respect to other professions, trades and businesses.
- Scope of Architecture as a discipline and Architect as a professional.
- Fundamentals of architecture- function, form and structure, and their integration.
- Generators of architectural design- site, function, circulation, context, structural system and materials, aesthetic principles, sustainability.

SESSIONAL WORK

- Minimum 3 individual assignments covering the generators of architectural design as mentioned above.

RECOMMENDED READINGS

1. Architecture : Form, Space and Order – F.D.K.Ching
2. Design fundamentals in Architecture – Pramar
3. A Visual Dictionary of Architecture - F.D.K.Ching

WORKSHOP I

WORKSHOP I			
Subject Code		1201508	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2 Studio=1)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- Introducing students to various materials and techniques used in making Architectural models.
- Enabling Students to make Architectural models for study and presentation.

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SESSIONAL WORK:

- Minimum 6 number of assignments to cover the study of forms and spaces and principles of organization, scale and experience, etc. on A3 size sheets and/or models.
- Graphic documentation and analysis of the settlement study with sufficient individual work contribution.
- One spatial/ building design projects with single use spaces approximately 150-200 sq.m such as café, reading hall, parking layout, tourist facility, public toilet etc. preferably in the context of settlement/community study carried out and communicated effectively through graphical drawings, two and three-dimensional sketches, models and narratives.

RECOMMENDED READINGS

1. Peter Pearce, Structure in Nature – Strategy for Design.
2. Peter Streens, Patterns in Nature.
3. Anthony Antoniadis - Poetics in Architecture: Theory of design.
4. Am heim Rudolf, Visual Thinking.
5. John R. Mather -Climatology: Fundamentals and Application.
6. Maxwell Fry And Jane Drew -Tropical Architecture.
7. Paul Lassau - Graphic thinking for Architects and planners.
8. Jonathan A. Hale -Building Ideas. An introduction to Architectural Theory.

BUILDING TECHNOLOGY AND MATERIALS II

BUILDING TECHNOLOGY AND MATERIALS II			
Subject Code		1201510(SV) 1201511(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3 Studio=4)	7	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 25 25
		In semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	5

COURSE OBJECTIVES

- To help students understand the basic building elements, their function and behaviour under various conditions with specific reference to timber construction.
- To help students to develop a clear understanding of the basic principles of construction and materials suitable for load bearing construction.
- To help students develop and analytical and logical sequence in thinking about structural aspects of architecture.

COURSE CONTENTS

Unit 1

- Construction of reinforced masonry walls, pillars and lintels

Unit 2

- Study of building materials like bamboo, timber, timber derivatives, roofing materials for small span sloping roofs including Mangalore tiles with reference to their characteristics, market forms, applications and preservation, etc.

Unit 3

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COURSE OBJECTIVES:

1. To Analyze the forces in a Frame.
2. To Study and analyze the stresses in various Building Elements like Columns and Beams.
3. To Study the deflection effect of loads on Beams.
4. To Study Combined Stresses on Eccentrically Loaded Columns and Apply the Same to the Design of Foundations of Load Bearing Walls.

COURSE OUTLINE.

Unit 1. Simple Stresses and Strains

1. Linear Stresses and Strains. Hooke's Law. Stress Strain Diagram for Various Materials. Lateral Strain, Poisson's Ratio, and . Elongation of Long Rods , Volumetric Strain, Bulk Modulus. Shear Stress. Modulus of Rigidity. Relationship between various Modulli. Composite Materials, Modulus Ratio and Equivalent Area e.g. R.C.C Column with Concrete and Steel.
2. Elastic, Plastic, Brittle and Ductile Materials. Yield Stress, Factor of Safety and Working or Permissible or Safe Stress.

Unit 2. Spanning Members.

1. Bending Stresses. Theory of Simple Bending. Assumptions, Flexural Formula, Stress Distribution across a Section and across the span of the Beam. Modulus of Resistance. Section Modulus and how M.R is proportional to square of depth.
2. Shear Stresses. Formula, Shear Stress Distribution across a Rectangular, Circular, T, C, L, I Section.

Unit 3. Deflection.

1. Deflection. Concept of Slope and Deflection. Double Integration Method and Derivation of Formula for a S.S Beam with Full U.D.L only. Formula for Deflection and Slope in the Standard cases (studied in Sem. I). Application in Problems.
   a. Propped Cantilever. Use Deflection to Find Reactions in this case of a Statically Indeterminate Structure.

Unit 4. Combined Stresses

1. Compressive Members Subjected to Eccentric Loading. Stresses developed at four corners.
2. Middle third Rule, Kernel of a Column. Application of Middle Third Rule in Foundations.
3. Application of the theory to Chimneys.

Unit 5. Frames and Trusses.-1

1. Introduction of Trusses as a Building Element and Why Important.
2. Perfect and Imperfect Frames. Redundant Members.
3. Analytical Solutions. – Method of Joints, Method of Sections

Unit 6. Frames and Trusses.-2

1. Graphical Solution of Frames

RECOMMENDED READING

1. Design of steel structures-Vazirani – Rathwani.
2. Design of steel structures- L.S. Negi.
3. R.C.C. Design – Khurmi, Punmia, Sushilkumar.
4. Elements of Structures – Morgan.
5. Structure in Architecture – Salvadon and Heller.
6. Structure Decisions – F. Rosenthal.
7. Strength of Materials by Amol Dongre

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a	Architectural scales and annotations	2 to 3 Assignments
b	Orthographic (plan, section/s, elevation/s) isometric, axonometric projections of three dimensional objects and building components	5 Assignment
c	Scale drawing of building/s of sufficient size to demonstrate basic building components, standard annotations.	1 to 2 Assignments

RECOMMENDED READINGS

1. Ching Francis D.K.: Architectural Graphics
2. Kelsey W. E.: Geometrical & Building Drawing
3. Leslie Martin: Architectural graphics:
4. B. James: Essential of Drafting
5. H. Joseph and Morris: Practical plane and solid geometry
6. Gill Robert: Rendering with pen and ink
7. Burden Ernest: Architectural Delineation

HISTORY OF ARCHITECTURE I

HISTORY OF ARCHITECTURE I			
Subject Code		1201514	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2 Studio=1)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVE

- To introduce student to architectural development with reference to time, space and people.

COURSE OUTLINE

- To introduce students to the historical architecture of various civilisations before 1 century CE. : Ancient Civilisations of Egypt, Mesopotamia, Indian sub-continent, China, and Mediterranean region.
- To sensitise students to the linkages between architecture and the socio- cultural, political, geographical and economic context with respect to the ancient civilisations.
- To familiarise students with noteworthy architectural production from the period under study and their significance.

SESSIONAL WORK

- At least 3 project based assignments including one tutorial.

RECOMMENDED READINGS

1. History of Architecture by Sir Bannister Fletcher.
2. History of Architecture by Spiro Kostof.
3. The Story of Western Architecture by Bill Risebero.

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WORKSHOP II

WORKSHOP II			
Subject Code		1201516	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1 Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- Introducing students to various materials and techniques used in making Architectural models.
- Enabling Students to make Architectural models for study and presentation.
- To introduce computer aided 3D modeling.

COURSE OUTLINE:

- Introduction to materials such as balsa wood, plastics, cork and the techniques to make Architectural Models should preferably be co-ordinated with subjects like 'Design', 'Building Technology and Materials' etc.
- Introducing computer aided 3D Modeling of simple and composite objects.

SESSIONAL WORK:

- Sufficient number of assignments to cover the topics given below, with thrust on exploring maximum materials and techniques, understanding their appropriateness for the purpose and skill development.

a	Producing 2-dimensional drawing of small scale building using computer aided drafting softwares	2 Assignments
b	3-dimensional model of small scale building/ building construction details etc using softwares	2 Assignments

RECOMMENDED READING:

- Sandeep Singh Beginning Google Sketch up
- Aidan Chopra, Sketchup-2014 for Dummies
- Chris Grover, Google Sketch up

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DESIGN III

Design III			
Subject Code		2201517	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3, Studio=8)	11	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	250
		Total Credits	7

COURSE OBJECTIVES:

- To comprehend Design as iterative process at various scales/ levels.
- To comprehend relationship between design, visual arts, building construction, climatology, building materials, structure etc and evolve a design solution.

COURSE OUTLINE:

- Aesthetical, functional (activity, user, space relation) , technical (construction and material) and environmental (climatic, socio-geographic) aspects of architectural design.
- Various sources for inspiration for architectural design such as nature, history, geometry, culture etc.
- Design projects to focus on multi-functional, multi-cellular built environments such as nursery school, library, canteen, house, primary medical centre, creshe, community hall, health club, hobby centre for children etc.

SESSIONAL WORK:

Minimum two Architectural design assignments with multi-cellular dual level spaces approximately 300-500 sq.m and communicated effectively through architectural graphics, two and three-dimensional sketches, models and narratives. Additional one eskee of short duration.

REFERENCE BOOKS

1. Antoniades, C. Anthony: Epic Space: Towards roots of Western Architecture.
2. Robert Sommer. -Design Awareness.
3. C.M. Deasy -Design for Human Affairs.
4. Christopher Alexander- Pattern Language.
5. Anthony Sealey, Introduction to Climatology.
6. Karen A. Frank and R. Bianca Lepori, Architecture from the Inside Out.
7. Heller Robert and Salvadori Mario, Structure in Architecture.

BUILDING TECHNOLOGY AND MATERIALS III

BUILDING TECHNOLOGY AND MATERIALS III			
Subject Code		2201518(SV) 2201519(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3, Studio=4)	7	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 25 25
		In-semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	5

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8. 'Structure and Fabric' by Everet
9. 'Engineering Materials' by Chaudhary
10. 'Building Construction Materials' by M. V. Naik
11. 'Civil Engineers' Handbook' by Khanna
12. 'Vastu Rachan' by Y. S. Sane
13. National Building Code and I.S.I. Specifications
14. 'Materials and Finishes' by Everet
15. 'A to Z Building Materials in Architecture' by Hornbostle

THEORY OF STUCTURES III

THEORY OF STRUCTURES III			
Subject Code		2201520	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	Nil NIL NIL NIL
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES

1. To understand the concept of Buckling and Crushing in Columns.
2. To understand Fixity at supports and Concept of Continuity over supports and Negative Bending Moments
3. To understand the principles of Load Bearing Construction, Use of Arches and Lintels.
4. To Study the strength of one Material - Steel and the use of these material as Beams, and Columns or as members of a Truss.
5. Design By **Working Stress Method**

COURSE CONTENT

Unit 1 - Analysis of Columns

1. Euler's and Rankine's Theory for Buckling and Crushing Failure in Columns. Assumptions and Limitations. Concepts of End Conditions, Slenderness Ratio. No Derivations, Simple Problems only.

Unit 2 - Analysis of Fixed Beams and Continuous Beams

1. Fixed Beam as a statically in-determinate structure. Concept of Negative Bending Moment at supports. Fixed End Reactions (No derivations). Simple Problems with full u.d.l and one or two point Loads.
2. Continuous Beams. Concept of continuity over supports and Typical B.M.D to explain the negative B.M.D over supports. Enlist methods for computing B.M.D. Theory only. No problems.

Unit 3- Loading on Structures, Transfer of loads, Load Bearing Constructions.

1. Loads classified as Live Loads (as per occupancy), Dead Loads (Densities), Wind Loads (Wind Pressure Tables, Reversal of Stresses), Snow Load, and Seismic Loads. Loads Transfer from Slab to Beam to Columns to Footing. Beam Loads to Include Brick wall Loads.

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Acquainting students to indoor lighting systems, natural and artificial. Introduction to electrical Installation in a building, from the supply company. Mains to individual outlet points, including all components and systems involved.

UNIT I Water supply - I

1.1 Tapping of water mains on street by means of ferrule
1.2 Storage and distribution of water in the premises
- Sump / Suction tank, overhead water storage tank / pressure tanks, community over head water storage tanks.
- Lifting of water from the sump / suction tank to the overhead water storage tank with the use of Pumps.

1.3 Pipes and piping network
- Pipes made of materials commonly used that is Galvanized Iron , P.V.C., Copper etc.
- Classification of pipes, specials used in the network , joinery. Installation of the network – open and concealed.

1.4 Various control valves

UNIT II Water supply - II

2.1 Taps, faucets and other fittings
- Bib taps (ordinary, Screw down , half turn , quarter turn using ceramic disks) variations such as pillar taps , angle valves , shower roses etc.
- Mixing units for wash-hand basins, kitchen sinks, shower units, baths etc. (Both of valve and diverter type and single lever type)

2.2 Flushing cisterns and flush valves.

UNIT III Hot Water Supply.

2.1 Systems of hot water supply using conventional and non conventional energy sources.
- Direct systems, In-direct systems , components and equipments used for the same.

2.2 Circulation systems i.e. ring system, up feed systems , drop system etc.]
2.3 Insulation of piping and safety devices.

UNIT IV Drainage-I

4.1 Sanitary fittings – Water Closets (Indian and European) Wash down, double syphonic , floor mounted , wall hung etc.
- Bidets
- Wash hand Basins, Bath- Tubs.
- Kitchen and laboratory sinks.
- Urinals.

4.2 Traps: their uses and functioning.
- 'p' , 's' , and 'q' traps for Water Closets.
- Bottle traps, floor traps, gully traps, grease traps and disconnecting traps.

4.3 Pipes and piping network.
- Single and double stack systems.
- Materials of pipes – Cast iron , P.V.C. , A.C. Stoneware , R.C.C. etc. and their methods of jointing.
- Specials- Jointing and installations.
- Anti- Siphonage Pipes.

UNIT V Drainage-II

Underground Drainage
- Locations and use of appurtenances i.e. inspection chambers , manholes, disconnecting chambers, ventilating shafts , light shafts etc.
- Storm water drainage systems- Separate, combined, partially separate.
- Ventilation of building drainage system.
- Self cleansing velocity- Thumb rules for diameters and gradients of pipes in relation to self cleansing velocity.
- Laying of underground drainage systems.
- Testing of building drainage systems.
-

UNIT VI Sewage Treatment

Disposal within the Premises.
- Septic tanks, its function and design.

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2. History of Architecture by Spiro Kostof.
3. The Story of Western Architecture by Bill Risebero.
4. Indian Architecture (Vol. I & II) by Percy Brown.
5. History of Indian and Eastern Architecture by James Fergusson.
6. Hindu India by Henry Stierlin.
7. Islamic Architecture in India by Satish Grover.
8. The History of Architecture in India by Christopher Tadgell.
9. A History of Fine Arts in India and West by Edith Tomory.

ARCHITECTURAL DRAWING AND GRAPHICS III

ARCHITECTURAL DRAWING AND GRAPHICS III			
Subject Code		2201524	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2, Studio=3)	5	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	50 50 NIL NIL
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	100
		Total Credits	3

COURSE OBJECTIVES:

- To enable the students to communicate an architectural idea / proposal in a legible and effective manner through perspective projections, use of shades and shadows, and various architectural presentation and rendering techniques.
- To enable the students to generate simple architectural drawing using **CAD**

COURSE OUTLINE:

Unit 1 Perspective Drawing:

- Drawing one-point and two-point perspective of objects and buildings/ building components using various methods including grid method.
- Introduction to concept of bird's eye view, worm's eye view etc

Unit 2 Sciography: Principles of Sciography (shades and shadows) for 3-Dimensional objects and buildings on plans, elevation, isometric and perspective.

Unit 3 Presentation Techniques: Introduction to various mediums for architectural presentations in various drawing formats.

Unit 4 Sketching: Introduction to Sketching techniques using various mediums to capture spatial character (built or inbuilt)

Unit 5 Computer Aided Drawing: Advance commands in CAD such as Setting Drawing parameters, Layer controls, Hatching, Model and paper space settings etc

Draughting single building from Semester II Design on CAD

SESSIONAL WORK:

- Sessional work should be planned to cover all the units mentioned in course outline with thrust on skill development, accuracy and understanding of the topics.
- Minimum of Eight manually drafted and at least one CAD assignment to cover the course outline and based on the following modules:

a	One-point and two-point perspective (objects and buildings)	3 to 4 Assignments
b	Sciography of objects and buildings/ building components	3 to 4 Assignments
c	Demonstration of Presentation techniques in various drawing formats (Preferably with 'own Design Drawings')	2 to 3 Assignments
d	CAD drawings (Plan, Section/s Elevation/s) with layers and hatch.	1 Assignment

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Unit VI:

- Plane Table Surveys; Accessories used in plane tabling, methods of locating objects, methods of table orientation, Advantages and disadvantages.

Unit VII:

- Use of Planimeter: Area of zero circle, calculating area of irregular shape figures.

SESSIONAL WORK

Based on field measurements sheet entered in field book :
1) Calculation of area of field(Chain and cross staff survey)
2) Compass Survey.
3) Plane Table Survey.
4) Block Contour Survey.
5) Profile Levelling.

DESIGN IV

Design IV			
Subject Code		2201526	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3, Studio=8)	11	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	250
		Total Credits	7

COURSE OBJECTIVES:

- To comprehend site specific stimuli through responses to physical, climate, visual, cultural contexts through indigenous construction, technology, building materials, structure etc.

COURSE OUTLINE:

1. Multiple layering of architectural space (without aid of mechanical means of vertical transport), its relationship with structure, technology and resultant built form; Concept of earthquake resilient structural systems for indigenous applications.
2. Attributes of Architectural character through application of indigenous materials, construction methods.
3. Function and space studies; defined user group specific perception of space; Concept of minimum and maximum limits of development wrt to foot print, building heights.
4. Concept of Passive solar responses; fenestration design.
5. Site analysis wrt to surroundings; zoning and activity distribution;Circulation and activity relationships through adjacencies, achieving performance integrity through functional adjacencies and elementary services of water and drainage.
6. Study and analysis of multicellular multiple level (without aid of mechanical means of vertical transport), spacesby application of principles of functionality, climate, composition, and aesthetics.
7. Study of a settlement of a semi urban type/ community in an urban location and the analysis and documentation w.r.t. lifestyle of occupants, climatic and topographical response, semipublic built and open spaces, and associated architectural character.

SESSIONAL WORK:

- Graphic documentation and analysis of the settlement study and along with a short written report with one design assignment related to the settlement studied.
- Minimum one architectural design project (other than the one mentioned above) with multicellular multi-level spaces such as primary school, hostel, sports facility, resorts, medical facility etc. approximately 1000-1200 sq.m. and effectively communicated through architectural graphics, two and three-dimensional sketches, models and narratives.

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24. 'Engineering Materials' by Chaudhary
25. 'Building Construction Materials' by M. V. Naik
26. 'Civil Engineers' Handbook' by Khanna
27. 'Vastu Rachan' by Y. S. Sane
28. National Building Code and I.S.I. Specifications
29. 'Materials and Finishes' by Everet
30. 'A to Z Building Materials in Architecture' by Hornbostle

THEORY OF STUCTURES IV

THEORY OF STRUCTURES IV			
Subject Code		2201529	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	Nil NIL NIL NIL
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES

1. To Study Wood as a Material.
2. To Study Limit State Method.
3. To Study Reinforced Cement Concrete as a Material.
4. To Design Simple Compressive and Flexural Members in R.C.C.

COURSE CONTENT

Unit 1.Wood by W.S Method

1. Introduction to I.S.883. Study of Wood as a Material. Different Grades Available
2. Design of a Wooden Flexural Member either as a Simple Supported Beam or a Cantilever with Simple Loading. Depths Limited to 300 mm. Design by Working Stress.
3. Introduction to Modification Factors and Form Factors in Design of Wood.

Unit 2 - Concrete Technology

1. Concrete Technology. I.S.456 – Different Grades of Concrete. Different Grades of Cement and Steel Used. Study of Cement, Sand, Aggregate and Water. Process of Concreting, Curing, Form Work and Stripping, Water Cement Ratio, and various other details, tests in brief.
2. Basic R.C.C section and terms like Effective depth, covers, Overall Depth. Covers for different R.C.C members.

Unit 3.Limit State Design

1. Concept, Various Limit States, Partial Factors of Safety. Characteristic Stresses and Loads
2. Assumptions, Limitations, Advantages and Disadvantages.
3. Stress Block Diagram for Flexural Members and Derivation of Formulae.
4. Combination of M20 Grade concrete and Fe 500 Steel.
5. Balanced, Under Reinforced, Over Reinforced Sections.

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UNIT III Electrification.

- Introduction to general distribution of electric power in urban areas, substations for small schemes in industrial units.
- Electrical installations in a building from the supply company mains to individual outlet points including meter board, distribution board, layout of points with load calculations.
- Electrical wiring systems for small and large installations including different materials involved
- Electrical control and safety devices – switches, fuse,circuit breakers earthing, lightning conductors etc.

SESSIONAL WORK

- Preparing electrical layout and lighting plan of a building interior supported with necessary calculations (70% weightage).
- Visits to construction sites and preparing site visit reports, market survey and finding out latest trends and new materials (30% weightage).

RECOMMENDED READING

- Daylight in Architecture-Benjamin Evans.
- Lighting in Buildings-Hapkinsen H.D.Kajr.
- Lighting in Architectural Design.-Derek Philips.
- BBC83 P[art VII, Section I, Lighting and Ventilation.

HISTORY OF ARCHITECTURE III

HISTORY OF ARCHITECTURE III			
Subject Code		2201532	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2, Studio=1)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVE

- To introduce student to architectural development with reference to time, space and people.

COURSE OUTLINE

- To introduce students to the evolution of architecture of the Indian sub-continent from 1st century CE to 18th century CE.
  - Architecture of the Buddhists, Hindus and Jains and its evolution with reference to regional and stylistic variations.
  - Architecture under Islam.
  - Evolution of form, technique and ornamentation, and regional and stylistic variations in Indian architecture
  - Architecture of Maharashtra in the 18th and 19th centuries.
- To sensitize students to the linkages between architecture and the socio- cultural, political and economic context of the period.
- To introduce students to the developments in technology and the subsequent effect on architecture.

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COURSE OBJECTIVES

- To enable the students to prepare working drawings of an architectural project and imbibe the significance of working drawings from the point of view of execution of the work on site and as important component of tender documents.

COURSE CONTENT

- Introduction to the concept of working drawings and their importance.
- Graphical presentation of all the components of a building along with dimensioning and annotations.
- Understand and apply IS Codes and internationally accepted norms / conventions / methods of repairing a working drawing along with tabulation of schedules of materials, finishes and hardware.

SESSIONAL WORK

- One working drawing of an architectural design project having load bearing structure with minimum 100 sq. m. carpet area. (4 to 5 drawings).
- At least two details such as doors / windows / railings / kitchen otah etc. (1 drawing)

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Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
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DRAFT SYLLABUS FOR APPROVAL OF FACULTY

Third year 2015 Pattern

Semester V

PDEA College of Architecture Akurdi, Pune-44

Design V			
Subject Code		3201535	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 11 (lectures=3, Studio=8)		Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	250
		Total Credits	7

COURSE OBJECTIVES:

- Design of Campus comprising of more than one building and evolving design in response to the site, its characteristics and the context.
- Designing of buildings with different functions, requiring spaces of different scales and employing suitable structural systems.

COURSE OUTLINE:

- Designing in a different socio geographic context [other than where the institute is located].
- Undertake programming research to understand the socio-cultural patterns, geographic context and address the needs of the users and the site and evolve a sustainable design.
- Creation and design of open spaces within the campus.
- Study, analysis and synthesis of various design parameters in built-unbuilt spatial relationship.
- Conceptualizing services such as storm water management, locations of water tanks, sewage disposal system, etc.
- Introduction to functions requiring column free spaces and employing suitable structural systems.
- Modular planning, grid planning and coordination of various grids in plan and three dimensions.
- Time bound decision making and preparing sketch design.

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SESSIONAL WORK:

- A major design project of duration 10-12 weeks of campus planning. Example : Residential school, Club, Institutional buildings, Home for the elderly, Community centre, Resort etc.
- A minor design project of duration 4-6 weeks which could be stand alone building on a site with a focus on two to three activities housed in one building with area not less than 1500 sq.m. Example : Diagnostic centre, Dining hall, Convenience shopping etc.
- One time bound project of duration around 12 hours. The typology and scale of the project can be decided by the college.

Important Note : At least one of the two projects [major or minor] mentioned above has to be in a different socio geographic context. The design has to be communicated through architectural graphics, two and three-dimensional sketches, models and narratives. All the design projects must have different sites.

PDEA College of Architecture Akurdi, Pune-44

REFERENCE BOOKS

It is strongly recommended that students refer books focusing on various building types, journals, magazines to widen their knowledge of design and the readings not to be limited to the list of books given below.

Correa, C. (2010). A Place in Shade. Delhi: Penguin Books.

Kanvinde, A., & Miller, H. (1969). *Campus Design in India*. Topeka: ostens/American Yearbook Co. .

Lynch, K. (1962). *Site Planning*. MIT Press.

Pandya, Y., & Foundation, V. S. (2007). *Elements of Space Making*. Ahmedabad: Mapin Publishing Pvt Ltd.

White, S. (1995). *Building in the Garden: Architecture of Joseph Allen Stein in India and California*. Delhi: Oxford India Paperbacks.

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Building Technology and Materials-V			
Subject Code		3201537(SV), 3201536(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3, Studio=4)	7	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	25
		Viva (External)	25
		In-semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	5

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To understand the variations in frame structure with options of different types of slab like flat slab, ribbed and waffle slabs etc. along with pre-stressed RCC technology.
- To understand various structural system to be employed for long span structures.
- To introduce materials and technology of assembling interior elements like partitions, suspended ceiling, furniture units etc.

COURSE OUTLINE:

Unit-1: Characteristics, Properties and types of following materials and their application in interior elements.

a) Wood, wood derivatives and other panel materials used for interior application.
b) Finishing materials like laminates, veneers, plastics and metal sheets.
c) Paints and varnishes.
d) Hardware required for application to interior and furniture elements.

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Unit-2: Various types of Reinforced Cement Concrete Flooring Systems for medium spans.

a) Flat plate, Flat slab, Ribbed slab, Waffle slab, Band beam and slab.
b) Pre-stressed slabs.

Unit-3: Partitions and Paneling

a) Demountable Partition construction using proprietary and non-proprietary systems using all available materials.
b) Proprietary and non-proprietary systems of paneling in timber, timber derivative materials plastic, metal and other materials.

Unit 4: Suspended Ceiling.

a) Suspended Ceiling construction using proprietary and non-proprietary systems using all available materials.

Unit 5: Furniture Design and assembly using timber and other material along with finishing and upholstery.

Unit 6: Construction systems used for long span construction.

a) Section/bulk active systems (beam structure, frame structure, slab structure)
b) Vector active systems (portal frames, 2-D and 3-D trusses etc.)
c) Surface active systems (Shell structures, folded plate structures etc)
d) Form active systems (Tensile structures, Pneumatic structures, Arch structures etc.)

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

SESSIONAL WORK:

Unit-1:	Compilation of market surveys in form of relevant hand drawn sketches, notes and tabulated information regarding; available types, commercial sizes, properties, unit of measurement, rates etc.
Unit-2:	Sketches and notes in the journal.
Unit-3:	Manually drafted scaled drawings of Partitions and Paneling using proprietary and non-proprietary systems of construction using various materials.
Unit4:	Manually drafted scaled drawings of Suspended Ceiling using proprietary and non-proprietary systems of construction using various materials.
Unit5:	Manually drafted scaled drawings of furniture units like Bed, Dining Table, etc. using various materials.
Unit6:	Sketches and notes in the journal.

REFERENCE BOOKS

1. Ching Francis D.K. Building Construction illustrated. John Wiley & sons. 2014
2. National Building Code-2005 & ISI specifications for Materials and Methodology of Various Construction.
3. Technical Manuals of various manufacturing companies for proprietary systems of partitions, paneling and suspended ceilings.
4. Alan Everett, Yvonne Dean. Mitchell building series, Building materials and finishes. Routledge 2014
5. Mackay J.K. Building Construction vol.-1-4. Longman Scientific & Technical, 1988.
6. Barry. 'Building Construction' Vol. 1 – 5
7. Cudley. 'Construction Technology' Vol. 1 – 6

PDEA College of Architecture Akurdi, Pune-44

THEORY OF STRUCTURE V			
Subject Code		3201538(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	nil nil nil nil
		In-semester exam	30
		Semester exam.	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

1. To design complex RCC structural elements.
2. Different types of staircases.
3. Types of beams like doubly reinforced,' T' and 'L'
4. Design of continuous equal span slab by I.S.456 factors.
5. Different structural elements like pre-stressed construction and flat slabs.
6. Columns in multistoried buildings.
7. Types of foundations and design of isolated column footing.
8. Need of retaining wall and design of gravity type retaining wall.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OUTLINE:

Unit 1: –Staircase Support Systems

Numerical on Design of Dog Legged Staircase with Beams at Various Positions:

Theory only on Support Systems and Reinforcement Detailing in the following Cases

a. Stringer Beams - End Stringer Beams with S.S Slabs Treads.
b. Stringer Beams - Central Stringer Beams with cantilever Slab Treads.
c. Folded Plate Staircases.
d. Open Well Staircases.
e. Spiral staircase
f. Dog-legged Staircase with Various Beam Positions.

Unit 2: Design of Beams

I. **Doubly Reinforced Beam** –Concept, Detailing, Need, Locations. ***Numerical*** on Design of Doubly Reinforced Beams

II. **I Beams, L Beams / One Way Continuous Slabs:** Divisions of Larger Spaces into smaller one way or two way Slab Units by Using Intermediate Beams. T Beams and L Beams. I.S. Provisions for same.

1. ***Numerical*** on Design of T Beams and L Beams - N.A position within flange.
2. **Numerical** on Design of One Way Continuous Slabs - 3 equal spans using I.S.456 Coefficients
3. ***Theory only*** on Design of Coffered Slab.

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Unit 3: Column Design across Multiple Floors:

Design of Columns across Vertical Floors: Vertical Load Calculation, Change of Size, Change of Grades (not for problems), Change of Percentage of Steel.

1. ***Numerical*** on design of columns with change in size and percentage of steel.
2. ***I. S. provisions for eccentrically loaded columns.***

Unit 4: Pre-stressed constructions and Flat Slabs:

1. **Pre-stressed Concrete**:
   1. Concept and Process of **Pre-tensioning and Post-Tensioning.**
   2. Advantages and Disadvantages over Conventional R.C.C Construction.
   3. Use of High Strength Concrete and Steel in Pre-Stressed Elements
   4. Methods of Pre-stressing - Freyssinet System
   5. ***Numerical*** on Extreme Fiber Stresses at Mid Span and End Span.

2. **Flat Slab Construction**: Concept of Large Beam less Spaces, Column Capitals, Header Beams I.S.456 Provisions for Various R.C.C Elements

Unit 5: Foundations:

1. Shallow and Deep Foundations
2. Isolated Footings to Combined Footings to Strip Footings to Raft Foundations
3. **Foundations in Soil of low S.B.C** , Piles ,Group of Piles and Pile Caps, Reinforcement Detailing involved
4. ***Numerical*** on Design of Isolated Footing for Square and Rectangular Column, Pad Footing with **One Way and Two Way Shear.**
5. ***Numerical*** on Design of **Combined Footing** - Finding Dimensions in Plan only
6. ***Theory only on*** Design of Combined Footing - B.M.D and Reinforcement Detailing

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

Unit 6: Retaining Walls:

1. Need for **Retaining Wall**, Angle of Repose, Rankine's Theory for Active and Passive Earth Pressures. Types of Retaining Walls.
2. **Gravity Retaining Walls** - Height, Proportioning –***Numerical*** on Stability Study for O.T.M, Sliding, Maximum and Minimum Pressure at Base

REFERENCE BOOKS

1. R.C.C. design – Khurmi, Punmia, Sushilkumar.
2. Design of steel structures- L. S. Negi., Vajrani-Ratwani.
3. Structure in Architecture – Salvadori and Heller.
4. Structural Decisions.- F. Rosenthal
5. I.S. 456, I.S. 800, I.S. 875, I.S. 1893, I.S. 13920

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LANDSCAPE ARCHITECTURE I			
Subject Code		3201539(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=3)	04	Sessional (Internal)	25
		Sessional (External) Viva	25 nil
		(Internal)	nil
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- To introduce the students to Landscape Architecture and its scope.
- To understand the elements and principles of landscape design and role of landscape elements in design of outdoor environments on the site.
- To introduce the students to various traditions in designed and vernacular landscapes.
- To develop understanding of site analysis and site planning and integrated design of open and built spaces.
- Creating awareness about using Landscape design as a tool to address environmental concerns in Architecture.

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COURSE OUTLINE:

Unit 1. Introduction to Landscape Architecture and its scope ,elements(natural and manmade)and their application in achieving functional, aesthetic, environmental and cultural goals.

Unit 2. Introduction to Landscape history/traditions (Eastern, western, central) with emphasis on Indian Landscape traditions.

Unit 3. Study of Hardscape (civil work) details with respect to materials and construction techniques. This study should be conducted through visits to designed landscapes.

Unit 4. Study of Softscape (plant material), their characteristics and contribution in terms of creating and imparting character to outdoor spaces. This study should be conducted through site/ nursery visit with emphasis on native and naturalized species.

Unit 5 Introduction to environmental concerns and sustainable site planning (rain water harvesting, solid waste management, passive climate control, etc)

Unit 6. Site analysis including understanding natural and manmade aspects (such as microclimate, topography, hydrology, vegetation), physical and socio-cultural context of the site. Introduction to basics of Site planning.

Unit 7. Relevence of Art in landscape design (Land art, art in public spaces, etc) for. Eg. works of Andy Goldsworthy, Richard Shilling, Walter Mason, Jim Denevan, Robert Smithson, Andrew Rogers,Dani Caravan, Simon Beck, AnishKapoor, Neckchand, Subodh Kerkar.

Unit 8. Landscape design Project I- A small scale, theme based Landscape design project culminating into an idea/ concept generation/ 3D visualization that encourages creative thinking.

SESSIONAL WORK:

- Assignments that shall individually or comprehensively cover unit 1 – unit 5. Duration 10-12 weeks.

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- Landscape design project with drawings, views, model (optional) holistically representing the concept and the design process .4- 6 weeks.

NOTE: It is expected that application of Unit 6 will be demonstrated in landscape design projects.

REFERENCE BOOKS

1. Mcharg, I, *Design with Nature*.John Wiley and co. 1978.
2. Jellicoe, G and Jellicoe, S, *The Lasndscpae of Man*, London: Thames and Hudson, 1991.
3. Simonds, J .O, *Landscape Architecture: The Shaping of Man's Natural Environment*, N Y: McGraw Hill Book Co.Inc. 1961.
4. Lynch, K, *Site Planning*, Cambridge: The MIT Press, 1962.
5. Shaheer, M, Wahi Dua, G and Pal A (editors), *Landscape Architecture In India, A Reader*: LA, Journal of Landscape Architecture, 2013.
6. Lyall, S, *Designing The New Landscape*: UK:Thames and Hudson, 1998.
7. Dee, C, Form And Fabric In Landscape Architecture: A Visual Introduction, UK: Spon Press, 2001.
8. Eckbo, G, *Urban Landscape Design*, N Y: McGraw hill co. 1961.
9. Laurie, M, *An Introduction to Landscape Architecture*, N Y: American Elsevier Pub. Co. Inc. 1975
10. Rutledge, A J. *A Visual Approach to Park Design*. New York: John Wiley and Sons, 1985.
11. Randhawa, M S, *Flowering Trees*, New Delhi: National Book Trust, 1998.
12. Bose, T K and Choudhary, K, *Tropical Garden Plants in Colour*, Horticulture and Allied Publishers, 1991.
13. Krishen, P. *Trees of Delhi: A Field Guide*, Penguin India, 2006.
14. Mukherjee, P, *Trees of India (WWF Natures Guide)*, Oxford, 2008.
15. Sahni, K C,*The Book of Indian Trees (Bombay Natural History Society)*, Oxford, 1998.
16. Krishna, N and Amrithalingam, M, *Sacred Plants of India*, Penguin Books Limited, 2014.
17. Motloch, J.L. *Introduction to Landscape Design*, US: John Wiley and Sons, 2001.
18. Dines, N and Harris, C, *Timesavers Standards for Landscape Architecture*, McGraw Hill Education, 1998.
19. Reid, G, L, *Landscape Graphics*, Watson-Guptill, 2002.
20. Botkin, D. B and Keller, E. A, *Environmental Science: Earth As a Living Planet*, N Y: John Wiley And Co. 1995.
21. Grosholz, E,*The Poetics of Landscape Architecture*, University of Pennsylvania Press, 2010.

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DRAFT FOR BOARD OF STUDIES APPROVAL ONLY

BUILDING SERVICES III			
Subject Code		3201540 (SS) 3201541(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (Lectures = 2 Studio = 2)	4	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	nil
		Viva (External)	nil
		In-Semester exam	30
		End-Semester exam	70
		Total Marks	150
		Total Credits	3

COURSE OBJECTIVES:

- To comprehend building services as an inclusive part of architectural design process
- To obtain knowledge of technical and design aspects of natural ventilation and HVAC

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COURSE OUTLINE:

- Technical and environmental aspects as principles of working, components, construction and materials of natural ventilation and HVAC system
- Functional and aesthetical aspects of services layout for comprehensive architectural design.

Teaching Plan:

Unit I: Natural Ventilation

1.1. Indicators for comfortable condition
1.2. Wind and stack effects, evaporative cooling
1.3. Examples (book/ on site): Implementation of various methods of natural and composite ventilation system in architectural design

Unit II: Mechanical ventilation

2.1. Forced ventilation system
2.2. Types of fans and blowers
2.3. Mounting, sizes and calculation of fans

Unit III: Air-conditioning system 1

3.1. Principles of air-conditioning system
3.2. Components of air-conditioning system

Unit IV: Air-conditioning system 2

4.1 Types of conventional systems of air-conditioning
4.2 Non-conventional systems of air-conditioning

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Unit V: Air-conditioning 3

5.1 Air-conditioning layout calculation
5.2 Air-conditioning layout design

Unit VI: Air-conditioning 4

6.1 On site case study: Air-conditioning system

SESSIONAL WORK: (with marking scheme)

- Tutorials for four Units (I to IV): 25% marks
- Layout of air-conditioning (preferably architectural design of the earlier semester to be considered): 50% marks
- On site Case study: 25% marks

REFERENCE BOOKS

1. Tricomi, Ernest. *ABC of Air-conditioning*.1970
2. Smith, Philips & Sweeney. *Environmental Science*
3. Daniels, Klaus. *Advanced Building Systems – A Technical Guide for Architects and Engineers*. Birkhauser, Boston. 2003
4. National Building Code of India

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History of Architecture IV			
SubjectCode		3201542 (SS)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=2, Studio=1)	3	Sessional(Internal)	25
		Sessional(External)	25
		Viva (Internal)	nil
		Viva (External)	nil
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	2

COURSE OBJECTIVES:

- To understand the architecture and architectural discourse in the nineteenth and twentieth centuries and the various factors like industrialization, modernity, wars, global-local concerns, etc. that shaped it.
- To get acquainted with various important architectural works and the contribution and role of individual designers that distinctively marked the course of architecture in the nineteenth and twentieth centuries.

COURSE OUTLINE:

- The course intends to present architecture as a product of its times especially with reference to the salient socio- political, cultural, economic and technological markers of the nineteenth and twentieth centuries. It also intends to bring out the plurality of approaches as a response to the above contexts and examine the different strands of architectural practice and works that developed as a result.
- The study should include examples of architectural works and designers drawn from across the world wherever relevant and necessary while also emphasizing the happenings in India.
- The course should inculcate an analytical thinking about architecture, introduce various theoretical positions, and train the students to research and isolate a thought of their own.

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Unit 1: **Architecture of the Industrial Period**
Revivalism
Introduction of steel and glass as new materials in architecture
New building types
Reactions to Industrialization: Arts and Crafts, Art Nouveau

Unit 2: **Architecture of the Twentieth Century**
Stylistic explorations: Expressionism, De Stilj, Art Deco, etc.
Influences like various manifestoes, congresses, writings, Bauhaus
Modernism and International style
Experiments and explorations around the world
Development of the high-rise
Influential Designers: Frank Lloyd Wright, Mies van der Rohe, Le Corbusier, Louis Kahn, etc.

Unit 3: **Architecture of India**
Colonial architecture: European Revivalist and Indian adaptations
Search for a National idiom: Claude Batley to G BMhatre
Indian Modernists: AchyutKanvinde, Charles Correa, BalkrishnaDoshi, etc.
Influence of Indian works of international architects

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SESSIONAL WORK:

The sessional work shall comprise of individual/ group work of the students completed under the guidance of the subject teacher as follows:

1. Journal: Hand written notes and manually drawn sketches of relevant examples of most of the contents mentioned above. Journal is an individual work. 20 marks
2. Project work: An exploratory or critical report/ graphical presentation/ analytical models/ tutorials/ etc. based on any relevant topic from the contents mentioned above. Project work could be undertaken in groups such that the contribution of individual students in the group is identifiable. 30 marks

REFERENCE BOOKS

1. Bhatt, V., & Scriver, P. (1990). *Contemporary Indian Architecture- After the Masters.* Ahmedabad: Mapin Publishing.
2. Chhaya, N. (Ed.). *Harnessing the Intangible.* New Delhi: National Institute of Advanced Studies in Architecture.
3. Ching, F. D. (1997). *A Visual Dictionary of Architecture.* New York: Van Nostrand Reinhold.
4. Correa, C. (2010). *A Place in Shade.* Delhi: Penguin Books.
5. Curtis, W. (1988). *Balkrishna Doshi- An Architecture for India.* New York: Rizzoli International.
6. Curtis, W. J. (1996). *Modern Architecture Since 1900.* London: Phaidon Press.
7. Dhongde, S., & Sahasrabudhe, C. (Eds.). (2009). *Achyut Kanvinde.* Pune: BNCA Publication Cell.
8. Didee, J., & Gupta, S. (2013). *Pune - Queen of Deccan.* Pune: INTACH Pune Chapter.
9. Dwivedi, S., & Mehrotra, R. (2008). *Bombay Deco.* Mumbai: RMA Architects.
10. Ford, E. R. (1997). *The Details of Modern Architecture.* MIT Press.
11. Frampton, K. (1992). *Modern Architecture- A Critical History.* London: Thames and Hudson Ltd.
12. Jain, K. (2012). *Architecture- Concept to the Manifest.* Ahmedabad: AADI Centre.
13. Kagal, C. (Ed.). (1986). *Utsava- The Architecture of India.* Bombay: The Festival of India.
14. Kanvinde, A. J., & Miller, H. (1969). *Campus Design in India.* Topeka: Fostens/American Yearbook Co. .
15. Lang, J., Desai, M., & Desai, M. (1997). *Architecture and Independence: The search for identity, India-1880 to1980.* New Delhi: Oxford University Press.
16. Pallasmaa, J. (2009). *The Thinking Hand : Existential and Embodied Wisdom in Architecture.* London: John Wiley and Sons Ltd.
17. Pandya, Y. (2013). *Concpets of Space in Traditional Indian Architecture.* Ahmedabad: Mapin Publisihing.
18. Pandya, Y., & Foundation, V. S. (2007). *Elements of Space Making.* Ahmedabad: Mapin Publishing Pvt Ltd.
19. White, S. (1995). *Building in the Garden: Architecture of Joseph Allen Stein in India and California.* Delhi: Oxford India Paperbacks.
20. Wolfe, T. (1981). *From Bauhaus to Our House.* New York: Farrar Straus Giroux.

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WORKING DRAWING II			
Subject Code		3201543(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=2, Studio=2)	4	Sessional (Internal)	50
		Sessional (External)	50
		Viva (Internal)	Nil
		Viva (External)	Nil
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	100
		Total Credits	3

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COURSE OBJECTIVES:

- To Introduce idea of Design Development and detailing and its relevance in converting 'concept design' to working drawing and hence the realization of design on site.
- To imbibe further the importance of working drawings as an essential tool for effective site execution and execution of a building contract.
- To expose to the standard methods, conventions, drawing annotations including International standards, IS codes, its application in working drawing set with material and component and schedules.

COURSE OUTLINE:

- Lecture demonstration/s to elaborate on standard practices, conventions, graphic annotations, sequencing and cross reference systems of a good working drawing set.
- Design development and detailing of own **design** to resolve the design idea to one which can be executed/ constructed, exposing students to construction parameters, limitation and sequencing.
- Generating a working drawing set for the **chosen design/ building** with framed/composite construction including schedules of material, finishes, components and accessories
- Developing and drafting details of Civil work and furniture including schedule of finishes

SESSIONAL WORK:

- Preparing a manually drafted/ CAD generated **working drawing** set of 'own design project' with carpet area not less than 250 Sq. M. and at least Ground plus one storied building having framed/composite construction. **The set to also include** at least two civil details out of following.
  - I. Facade / skin of the building with fenestration and weather protection,
  - II. Stairway/ staircase
  - III. Public Washroom

  And

  Any one detail related interior finishes/ custom made furniture of following
  - IV. Floorings,
  - V. False ceiling
  - VI. Paneling or partitions
  - VII. Built in or stand alone furniture
- A rough folio comprising of design development drawings, sketches supporting the final working drawing set shall be retained by the candidate.

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Third year 2015 Pattern

Semester VI

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DESIGN VI

Design VI			
Subject Code		3201544(SV),3201545(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 11 (lectures=3, Studio=8)	11	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	100 [12 hours duration – to be conducted 6 hours for two days en-lodge]
		Total Marks	350
		Total Credits	7

COURSE OBJECTIVES:

- Designing a building by stacking of different functions vertically and addressing various concerns such as coordinating various building services, vertical circulation, basement parking, and structural grids with introduction to disaster management design strategies/techniques and universal design.

COURSE OUTLINE:

- Introduction to various concerns of building design in an urban context on sites with limited areas there by necessitating multi storied buildings.
- Strengths and weaknesses of horizontal vis à vis vertical spatial arrangements in buildings.
- Study of buildings in which vertical arrangements are desired.
- Design and layering of different activity areas with different spatial scales.
- Coordination of various building services such as water supply, lifts, drainage, garbage disposal, lighting, air conditioning etc.
- Exposure to natural disaster management or disaster management through design mitigation.
- Exposure to Universal Design or Accessible Design concept.

DRAFT SUBJECT FOR APPROVAL OF FACULTY

SESSIONAL WORK:

- A major design project of duration 10-12 weeks of a building complex. Example : Hotel, Hospital, Office building, commercial complex, bus station etc.
- A minor design project of duration 4-6 weeks which could be stand alone building on a site with area not less than 1500 sq.m. It is recommended that the minor project may be programmed to integrate knowledge of art-architecture history, contemporary art-architecture movements learnt by the student in history / contemporary architecture seminar.
- One time bound project of duration around 12 hours. The typology and scale of the project can be decided by the college.

Important Note : At least one of the two projects [major or minor] mentioned above has to be in a different socio geographic context. The design has to be communicated through architectural graphics, two and three dimensional sketches, models and narratives. All the design projects must have different sites.

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REFERENCE BOOKS

It is strongly recommended that students refer books focusing on various building types, journals, magazines to widen their knowledge of design and the readings not to be limited to the list of books given below.

1. Correa, C. (2010). A Place in Shade. Delhi: Penguin Books.
2. Kanvinde, A., & Miller, H. (1969). *Campus Design in India.* Topeka: ostens/American Yearbook Co. .
3. Lynch, K. (1962). *Site Planning.* MIT Press.
4. Pandya, Y., & Foundation, V. S. (2007). *Elements of Space Making.* Ahmedabad: Mapin Publishing Pvt Ltd.
5. White, S. (1995). *Building in the Garden: Architecture of Joseph Allen Stein in India and California.* Delhi: Oxford India Paperbacks.

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Building Technology and Materials-VI			
Subject Code		3201546(PP), 3201547(SV)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=3, Studio=4)	7	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	25
		Viva (External)	25
		In-semester exam	30
		End Semester exam	70
		Total Marks	200
		Total Credits	5

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To understand the construction of basement along with its waterproofing, provision for access and ventilation details. To understand the construction of different types of retaining walls and the detailing of the same.
- To understand issues and construction of earthquake resistant frame structures.
- To understand the concept of modular co-ordination and industrialized building construction along with precast technology.
- Introduction to steel structures and detailing of trusses and deck floors.

COURSE OUTLINE:

Unit-1: Characteristics, Properties and types of following materials and their application in buildings.

a) Glass
b) Metal & Metal alloys
c) Plastics and rubbers
d) Adhesives and sealants

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Unit 2: Earthquake resistant frame structures.

1. Ductility and Rigidity of building and earthquake loads
2. Overview of earthquake resisting structural systems.
3. Application of Moment resisting frames, crossed braced frames and shear wall for Earthquake resistance structures.
4. Role of Floor and Roof Diaphragm in earth quake resistance.
5. Retrofitting and base isolation.

Unit-3: Single basement construction along with waterproofing details, alternative ways of providing and constructing access and provisions to be made for ventilation.

Unit-4: Retaining wall and its terminology (mass/gravity retaining, cantilever retaining, counter-fort retaining wall and precast retaining wall, etc.)

Unit 5: Steel structures -

a) Structural steel sections, Built-up sections.
b) Assembly of steels structure with trusses with north light truss (Industrial building)
c) Multi-storey steel building assembly with stanchion, beams and metal deck flooring.

Unit 6: Modular co-ordination and Industrialized building construction, Planning and construction details.

1. Precast floor and roof construction along with the following systems developed by CBRI
2. Floor and roof construction using partially precast planks and joist
3. Floor and roof construction using precast Waffle unit
4. Introduction to locally available proprietary Precast systems.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

SESSIONAL WORK:

Unit-1: Compilation of market surveys in form of relevant hand drawn sketches, notes and tabulated information regarding; available types, commercial sizes, properties, unit of measurement, rates etc.
Unit-2: Sketches and notes in the journal.
Unit-3: Manually drafted scaled drawings of Single and multi-basement construction with various types of waterproofing Techniques. Information on materials and methodology for waterproofing should be included in the journal.
Unit4: Sketches and notes in the journal.
Unit5: Manually drafted scaled drawings of various steel trusses, north light truss etc with details of fixing of roofing sheets and sheet cladding. Details of multi-storied steel structure with construction of steel deck and steel staircase.
Unit6: Manually drafted scaled drawings of modular coordinated building using precast building components. Sketches and notes in the journal.

REFERENCE BOOKS

1. Central Public Work Department, Indian Building Congress. Handbook on Seismic Retrofit of Buildings. Narosa Publishing House. 2008 Andrew Charleson. Seismic Design for Architects: Outwitting the Quake. Elsevier Ltd 2008
2. Terri Meyer Boake. Understanding Steel Design: An Architectural Design Manual. Birkhauser Basel 2012.

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3. Stephen Emmitt. Barry's advanced construction of buildings. Wiley, 2006
4. Central Public works Department CPWD), IBC, CEAI & CCPS. Guidelines on use of Glass in Buildings - Human Safety.
5. Mackay J.K. Building Construction vol.-1-4. Longman Scientific & Technical, 1988.
6. IS 7921 : Recommendations for modular coordination in building industry Horizontal coordination
7. IS 7922 : Recommendations for modular coordination in building industry Vertical coordination
8. M. M. Mistry. Modular coordination & prefabrication, Principles of Modular Coordination in building.
9. BMTPC. Standards & Specifications for Cost–Effective Innovative Building Materials and Techniques. BMTPC 1996

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THEORY OF STRUCTURE VI			
Subject Code		3201548(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	nil nil nil nil
		In-semester exam	30
		Semester exam	70
		Total Marks	100
		Total Credits	2

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

1. Types of RCC retaining walls and their use.
2. Different types of liquid retaining structures and their structural detailing.
3. Design of Steel structure elements by L.S.M.
4. To Develop in Students the Feel for **Structural Principles** and their Relates to Building Design
5. To Develop in Students the Concept that ***"Every Structure is a System that Forms the Space"*** and the fact that ***Architecture and Structure cannot be conceived independently.***
6. To Develop in Students the fact that Structural Engineering is a Specialist Discipline and that the Architect has to appreciate the consultant's concern and make an **informed** choice about the most appropriate Structural System for his Building with Reasonable Understanding of its **Economic and Operational Implications.**
7. To Develop in Students the Mathematical logic that would enable him to Design the Structural System for Ground +2I Storey R.C.C Structure and a medium span Factory Building in steel.
8. To instill in the Students a Confidence that they could develop and explore a Structural System of their own design and execute the same.

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COURSE OUTLINE:

Unit 1: Retaining Walls

R.C.C Cantilever Retaining Wall - Proportioning and Need. ***Numerical*** on Stability and Design of Stem Reinforcement: ***Theory only.*** Detailing of Base Reinforcement, Shear Key, Retaining Wall without Toe and without Heel

1. **Counter Fort and Buttress type Retaining Walls** – ***Theory only*** on parts and Structural Action and Reinforcement Detailing
2. ***Theory only*** on Weep Holes and Effects of Surcharge on Retaining Walls

Unit 2: R.C.C Water Tanks and Portal frames: ***Theory only:***

a. Water Tanks

1. Joints in Water Tanks, Minimum Percentage of Steel,Other Standards.
2. R. C.C. Circular Water Tank with Flexible and Rigid Joint between Wall and Base -Concept of Hoop Tension – Reinforcement Detailing.
3. R. C.C. Square and Rectangular Water Tanks -Reinforcement Detailing.
4. R.C.C. Under-Ground Water Tanks - Pressure Conditions -Reinforcement Detailing.
5. Over Head Water Tank - An Intze Tank - Parts and General Detailing

b. Portal Frames: Theory only:

1. Basic Concept - Rigid, Two Hinged and Three Hinged Portal Frames with B.M.D.
2. Advantages and Disadvantages of R.C.C Portal Frame - Detailing of Hinged and Pinned Column to Footing Junction.
6. Advantages and Disadvantages of Steel Portal Frame - Detailing of Hinged and Pinned Column to Footing Junction, Rigidity at Beam to Column Junctions.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

Unit 3: Design of RCC structure:

a) Total review of design of ground + two storied RCC building.
b) Defining Structural system, different loads, Design sequence, transfer of load, actual design procedure.
c) Understanding structural schedules and drawings.
d) R.C.C Detailing- Diagrams from Schedules: Sketching Based on Given Schedule

Unit 4: Design of Steel Structures

1. Introduction to Limit State in Steel i.e. Plastic Design in Steel:

a. ***Theory only*** on Yield Strength, Ultimate Strength, Partial Factors of Safety for Yield and Ultimate Strength, Shear, Load as per I.S.800 2007
b. ***Numerical*** on Design on Steel Beams for Flexure, Shear and Deflection. Plastic Flexure Diagram, Zp (Section Modulus Plastic). Classification of Sections as Plastic, Compact and Semi Compact.
c. ***Numerical*** of Analytical type in Increasing the Strength of a Beam Section by adding Flange Plates.
d. ***Theory only*** on Castellated Girders, Plate Girders and Gantry Girders.
e. ***Numerical*** on Design of Stanchions in Limit State and ***Analytical Numerical*** on Stanchion with Flange Plates to Increase Their Strength:
f. **Numerical** on Design of Compound Stanchions - Design and Analytical Problem.
g. ***Theory only*** on Lacing and Battening Systems – I.S. Provisions – Need and Sketches.

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h. ***Theory only*** on Moment Resisting Columns – for wind load and gantry load.

Unit 5: Elements of a Factory Building in Steel Structures:

a) Total review of design of medium span factory building in steel.
b) Structural systems, different loads, Design sequence, transfer of load, actual design procedure.
c) Understanding structural drawings.

Unit 6: Advance structural systems for long span and high rise buildings

1. Long span structural systems like, cable structure, arches, shell, dome, vaults, folded plate, geodesic domes, space frames, tensile structure, fabric etc
2. Appropriate use of structural system in Architectural design.
3. Advantages and disadvantages of different systems.
4. High rise buildings structural system like Rigid frame, Framed truss, Framed tube, Tube in tube, Shear wall etc.

References :

1. R.C.C. design – Khurmi, Punmia, Sushilkumar.
2. Design of steel structures- L. S. Negi., Vajrani-Ratwani.
3. Structure in Architecture – Salvadori and Heller.
4. Structural Decisions.- F. Rosenthal
5. I.S. 456, I.S. 800, I.S. 875, I.S. 1893, I.S. 13920

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LANDSCAPE ARCHITECTURE II

SubjectCode		3201549(SS)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=1, Studio=3)	04	Sessional(Internal) Sessional(External) Viva (Internal) Viva (External)	25 25 nil nil
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	2

COURSE OBJECTIVES:

- To study use of Landscape design as a tool to address environmental concerns in Architecture.
- Application of site planning principles in integrated design of open and built spaces.
- To study the work of Master Landscape Architects and their contribution to built environment.

COURSE OUTLINE:

- **Unit 1.** Study of Works of Master Landscape Architects like Humphrey Repton, Andre Le Notre, 'Capability' Lancelot Brown, William Kent, Sir Geoffrey Jellicoe, Fredrick Law Olmstead and Calvert Vaux, Ian Mcharg, Lawrence Halprin,Gertrude Jekyll, Edwin Lutyens, Dan Kiley, Luis Barragan, Bernard Tschumi, Peter Walker, Martha

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Schwartz, Robert Burle Marx, Geoffrey and Bevis Bawa, Ram Sharma, Mohammad Shaheer, Ravindra Bhan, Prabhakar Bhagwat, etc. and contemporary landscape projects.

- **Unit 2.**Introduction to site services like lighting and water management to be integrated in the landscape design project II.
- **Unit 3.**Landscape design Project : Essentially related to III Year Architectural Design studio (sem V / VI) which demonstrates application of all studied theory units.

SESSIONAL WORK:

- Assignment based in the form of drawings /report/ presentation on theme based topics from Unit 1wherein the students are encouraged to critically appraise the works of the landscape architects, understand various design approaches, undertake comparative studies, region specific design language etc. Duration 4-6 weeks.
- Portfolio comprising of drawings , views, model (optional) representing built and open space relationship, circulation (vehicular and pedestrian) parking, levels , schematic planting, schematic site services, material palette , nomenclature of outdoor spaces. All the theoretical aspects in Semester V and VI must be applied in this Landscape design Project II. Duration 10-12 weeks.

REFERENCE BOOKS

1. Mcharg, I, *Design with Nature*.John Wiley and co. 1978.
2. Jellicoe, G and Jellicoe, S, *The Lasndscpae of Man*, London: Thames and Hudson, 1991.
3. Simonds, J .O, *Landscape Architecture: The Shaping of Man's Natural Environment*, N Y: McGraw Hill Book Co.Inc. 1961.
4. Lynch, K, *Site Planning*, Cambridge: The MIT Press, 1962.
5. Shaheer, M, Wahi-Dua, G and Pai, A (editors), *Landscape Architecture In India, A Reader*. LA, Journal of Landscape Architecture, 2013.
6. Lyall, S, *Designing The New Landscape*: UK:Thames and Hudson, 1998.
7. Dee, C, Form And Fabric In Landscape Architecture: A Visual Introduction, UK: Spon Press, 2001.
8. Eckbo, G, *Urban Landscape Design*, N Y: McGraw hill co. 1961.
9. Laurie, M, *An Introduction to Landscape Architecture*, N Y: American Elsevier Pub. Co. Inc. 1975
10. Rutledge, A J. *A Visual Approach to Park Design*. New York: John Wiley and Sons, 1985.
11. Randhawa, M S, *Flowering Trees*, New Delhi: National Book Trust, 1998.
12. Bose, T K and Choudhary, K, *Tropical Garden Plants in Colour*, Horticulture and Allied Publishers, 1991.
13. Krishen, P. *Trees of Delhi: A Field Guide*, Penguin India, 2006.
14. Mukherjee, P, *Trees of India (WWF Natures Guide)*, Oxford, 2008.
15. Sahni, K C,*The Book of Indian Trees (Bombay Natural History Society)*, Oxford, 1998.
16. Krishna, N and Amrithalingam, M, *Sacred Plants of India*, Penguin Books Limited, 2014.
17. Motloch, J. L, *Introduction to Landscape Design*, US: John Wiley and Sons, 2001.
18. Dines, N and Harris, C, *Timesavers Standards for Landscape Architecture*, McGraw Hill Education, 1998.
19. Reid, G. L, *Landscape Graphics*, Watson-Guptill, 2002.
20. Botkin, D. B and Keller, E. A, *Environmental Science: Earth As a Living Planet*, N Y: John Wiley And Co. 1995.
21. Grosholz, E,*The Poetics of Landscape Architecture*, University of Pennsylvania Press, 2010.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

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PDEA College of Architecture Akurdi, Pune 44

SESSIONAL WORK:

- Tutorials for four Units (I to IV): 25% marks
- Reverberation Time calculations and recommendations for acoustical treatment with layout (preferably architectural design IV of the earlier semester to be considered): 50% marks
- Live case study: 25% marks

REFERENCE BOOKS

5. Leslie, Doelle. *Environmental Acoustics.* McGraw Hill.1972
6. Kundsen, V.O. & Harris, C.M. *Acoustical designing in Architecture.* John Wiley. 1950
7. Egan, M. David. Architectural Acoustics. McGraw-Hill, NY.1988
8. Mehta, Madan, Johnson, J., Rocafort, J. *Architectural Priciples and Design.* Prentise_Hall, NJ. 1999
9. National Building Code of India

CONTEMPORARY ARCHITECTURE SEMINAR			
Subject Code		3201552 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (Lectures=1, Studio=3)	4	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External) In-semester exam	25 25 - - nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	3

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To establish a critical and comprehensive viewpoint about the contemporary trends/approaches in architectural production in terms of design, practices, its perception, appreciation and critical discourses.
- To develop the ability in students to position themselves in today's time so as to be able to establish an argument and testify the same.

COURSE OUTLINE:

- Course aims at critical inquiry into the contemporary (post 1980s) thought processes involved in architectural production, its perception and appreciation.
- Seminar should encourage students to assess and establish their relevance and/or validity in today's context.
- Though it's a seminar course, subject teachers are advised to take introductory lectures about today's (post 1980s) trends, various critical discourses and current architectural issues so as to put students in the frame of critical thinking.

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SESSIONAL WORK:

Each student to write a paper of about 1500-2000 words critically discussing or deliberating the current phenomenon in architecture especially related to its production and appreciation. Preferably paper should be focusing on local and regional issues in architecture. This paper to be presented at the end of the semester orally with the help of computer media as required.

Students should be encouraged to write this paper manually and to follow the formalities of writing a paper in terms of references and acknowledgements.

Students should be assessed primarily for the identification of issues, ability to take position and development of an architectural argument.

REFERENCE BOOKS

1. Hays, K. Michael. *Architecture Theory since 1968 (2000)*. MIT Press., Oct 1997, Feb. 2000.
2. Buchanan, Peter. *"The Big Rethink"*. The Architectural Review (AR), (Articles – December 2011, January to May 2012, July – September 2012, November 2012)
3. Leach, Neil. *Anaesthetics of Architecture*, MIT Press, 1999
4. Plasmas, Juhani. *The Eyes of the Skin: Architecture and the Senses*. Academy Press, 2 edition, 2005
5. Correa, Charles. *A Place in the Shade: The New Landscape and Other Essays*. Penguin Books India, 2010.
6. Mehrotra, Rahul. *Architecture In India: Since 1990*. Pictor Publishing, 2007.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

ELECTIVE I – INTERIOR DESIGN			
Subject Code		3201553(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1,Studio=2)	03	Sessional (Internal) Sessional(External) Viva	25 25 NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- To enable students to comprehend relationship between Architecture and Interior Design as a Space making disciplines.
- To evolve understanding about thoughtful design of interior spaces & how it can increase efficiency and add depth and meaning to the built environment.
- To enable students to comprehend the connection that the subject of Interior design has with other Design Disciplines like Conservation, Preservation, Restoration, Sustainability, Art ,Product design and Graphic design.

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COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable Interior Design elective topics are – [the list is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Exhibition Design
- Set Design
- Commercial & Office Space Design
- Residential Interiors
- Specialized interiors – Hospitals, Laboratories, Auditoriums, Gymnasiums.
- Furniture Design
- Product Design
- Graphic Design
- Retrofitting of Buildings

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects (including basic principles, case studies, application in building projects etc.) of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an**A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

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PDEA College of Architecture Akurdi, Pune-44

Fourth year 2015 Pattern

Semester VII

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

PDEA College of Architecture Akurdi, Pune 44

DESIGN VII			
Subject Code		4201554 (SV)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 12 (lectures=3, Studio=9)	12	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	250
		Total Credits	8

Course Objective

Subject aims at preparing the students to handle complex architectural issues at this stage addressing various challenges in terms of scale, complexity of functions, social economic context, traffic and vehicular movement and so on. Along with the challenges of physical issues, students are also now expected to address spatial and visual language of their project with reference to the urban context and setting of their site.

Course Outline

- Multifamily Residential Development with Focus on : Mixed Use Development, Development of Communities, Addressing Issues of Social Stratification v/s Inclusiveness, Identification of target Group/ End User's requirement, Relation of Location/ Land values on Defining the Housing Product, Project being part of the City Context, Green Initiatives, Efficient Planning of Services, Minimum Area 100 to 200 depending on Context and Complexity. Designed within parameters as laid out by Local Authority and NBC.
- One Esquee / Charette be undertaken in each of the Terms (One week Duration) exploring design solution for a project / component , ideas for which would help the Main Design project.

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Submissions

The design has to be communicated through architectural graphics, two and three-dimensional sketches, models and narratives.

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ADVANCED BUILDING TECHNOLOGY AND SERVICES I			
Subject Code		4201555 (SV)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 07 (lectures=3, Studio=4)	07	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	75 75 25 25
		In semester exam	nil
		End Semester exam	nil
		Total Marks	200
		Total Credits	5

PDEA College of Architecture Akurdi, Pune-44

COURSE OBJECTIVES:

- To introduce advanced structural systems, materials and services required in buildings with complex and special requirements and enable the students to integrate the same in design.

COURSE OUTLINE:

Unit 1 .Multi-basements. Design and construction of multi-basements giving constructional details required for natural Lighting, ventilation and surface water disposal. Study of various methods of access to parking areas other than ramps. Drawings to include application of all required services. [Minimum four A1 drawings]

- Unit 2. Industrial Buildings. : Types of roofing systems, PEB systems, Proprietary systems, Industrial flooring.
  Assignments. Drawings showing structural system, construction details and services in plan, section and elevation [minimum two A1 drawings]

- Unit 3. Swimming pools.
  Design and construction of swimming pools (Olympic size, semi Olympic, leisure pools) and study of situations such as -- at ground level , podium level and upper / roof level with reference to all constructional and services details. [Minimum two A1 drawings]

- Unit 4 Study of long span structures [indoor stadia, railway / metro stations, shopping malls, sky walks etc] in RCC and Steel to understand structural behavior. Introduction of lighting and ventilation of spaces in such large buildings.
  Assignment would comprise of Case study report and construction details in sketch form.

SESSIONAL WORK:

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- Drawings / sketches / notes to be as mentioned in the course outline above. Computerized drawings may be allowed only when individual design / detailing is undertaken.

REFERENCE BOOKS

PEB manufacturer's details
Advanced Building Construction By MACKEY
Stadia by John Geraint

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PROFESSIONAL PRACTICE I			
Subject Code :		4201556(PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week = 3 (Theory Lectures – 1 + studio -2)	03	Sessional (Internal)	Nil
		Sessional (External)	Nil
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

- To acquaint the Student with the Role and Stature of an Architect in Society, and understand the duties, responsibilities, liabilities and ethics as a professional.

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- To acquaint the Student with the Scope and Avenues of professional Architectural services, and the demands and Mode of professional practice, and to prepare the Student for the professional field.
- To familiarize and prepare the Student with adequate knowledge of an Architect's office administration, documentation and procedures of office and site management to enhance his comprehension and utility during his professional training in the field in Semester IX.

COURSE OUTLINE :

Unit 1 Introduction to the nature, scope and avenues of service and professional practice as an Architect. Define the Role of an Architect as a technical professional - who is not a Trader or a Businessman. Illustrate the changing nature of the Architects profession- Local & Global competition in the field.

UNIT 2 The Architects Act 1972 - The Council of Architecture, its composition, legal status and mandate for to Registration of Architects and for monitoring the Academics and Profession of Architecture, Rules and Regulations of the Council regarding Professional Liabilities & Code of Conduct.

Unit 3 Avenues of Professional service and mode and nature of professional Practice - Types of Organisations - Scope of comprehensive Services, Scale of Fees, and Office Management, Project management, Site supervision, Documentation, Taxation, Banking and Insurance.

Unit 4 Architectural Competitions - Pros and Cons - with Rules and Regulations of the Council.

Unit 5 Introduction to IIA, IIID, IUDI, ITPI, ISOLA and such professional organisations and the need for Architects to be aware, sensitive and active in Social and Civic issues in Urban context.

REFERENCE BOOKS :

1) Handbook of Professional Documents - Council of Architecture publication
2) The Architects Act, 1972 - Govt. of India publication
3) Professional Practice - By R.Shah, H.Nanavati
4) Professional Practice in India - By Madhav G. Deobhakta
5) Architectural Practice and Procedure - By Vasant .S. Apte

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

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URBAN STUDIES-I			
Subject Code		4201557 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	03	Sessional (Internal)	25
		Sessional (External) Viva	25
		(Internal)	nil
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	02

COURSE OBJECTIVES:

- To enable students to understand the urban context of an Architectural Project beyond the site and understand the implications of various factors (such as traffic-transportation, socio economics, urban landscape, spatial and visual aspects etc) influencing the development of an urban area.
- To introduce the students to urban planning and design theories and concepts and enable them to undertake planning and design of large scale land development.

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COURSE OUTLINE:

- Introduction to urban studies and relevance of its learning in Architecture profession. Principles and theories of Urban Planning and Urban Design.
- Various aspects of urban land.
- Urban residential developments such as neighborhood planning, high-rise housing, slum rehabilitation, public housing, town planning schemes etc
- Affordable housing: introduction and concepts.

SESSIONAL WORK:

- **Handwritten journal** based upon the theory syllabus as above.
- **Assignments:**
  1. Subdivision of land for residential development (approx area 4Ha) –Individual submission (20 marks)
  2. Study of housing typologies as mentioned in course outline- Case study in a group of maximum 5 students (20 Marks)
  3. One Tutorial based upon course outline (10 marks)

REFERENCE BOOKS

1. Gallion, Arthur. ***The Urban Pattern***. New Delhi: CBS Publishers and Disrtibuters, 2003
2. Bacon, Edmund. ***Design of Cities*** London: Thames and Hudson, 1974
3. Paddison, Ronan. ***Handbook of Urban Studies***.London: sage Publications, 2001
4. Correa, Charles. ***Housing and Urbanisation***. London: Thames and Hudson, 2000.
5. Mohanty , Swati. ***Slum in India***. New Delhi:APH Publishing Corp.,2005.
6. Jagdale, Rohit. ***Slum Rehabilitation Schems in Mumbai***. University of Texas 2014.

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RESEARCH IN ARCHITECTURE I			
Subject Code		4201558 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 - -
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- To introduce students to Research in Architecture and its value in design
- To enable the students to prepare a research proposal.

COURSE OUTLINE:

- Unit I -- Introduction to the meaning and need of research in architecture. Introduction to various concepts such as types of variables, measurement of variables, sample selection, ethics in research.
- Unit II – Process of research – Methodology
- Unit III – Literature study

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Specification Writing I			
Subject Code		4201560 (PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (Lectures = 1 Studio = 2)	3	Sessional (Internal)	nil
		Sessional (External)	nil
		Viva (Internal)	nil
		Viva (External)	nil
		In-Semester exam	30
		End-Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

- To acquaint students with methodology of writing specifications with reference to building trades, materials, workmanship & performance of different items of work.
- To know importance of specifications in contract document for any construction project.

COURSE OUTLINE:

- Techniques, Importance & methods of writing different types of specifications of different items of works in construction.
- Technical and functional role of specifications in any construction project.

Unit I: Specifications

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1.4. Definition, need & importance of Specification writing
1.5. Relation with working drawing, bill of quantities, schedule of rates
1.6. Specification as a integral part of contract document

Unit II: Types of Specifications

2.1. Basic types like open, closed, restricted etc
2.2. Use of manufacturers guide
2.3. Combination of above types

Unit III: Specification writing (Workmanship)

3.1. Item-wise detailed specifications including methods
3.2. Forms of writing descriptive notes on material and workmanship based on working drawing

Unit IV: Specifications for construction works

4.2 Demolition work of existing buildings
4.2Formwork

REFERENCE BOOKS

1. Indian Standard specifications
2. C.P.W.D. Specifications and schedule of rates
3. Specification Writing for Architects & Engineers, By Donald A. Watson
4. Specification Writing for Architects & Surveyors, By Arthur J. Wills
5. Estimating, Costing, Specification & Valuation, By M. Chakraborty

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ELECTIVE II - DESIGN & TECHNOLOGY ELECTIVE			
Subject Code		4201561(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 2 (lectures=1, Studio=1)	2	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	1

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt,to make their career in future.

The Design and technology elective aims at exploring the recent developments in the field of architecture from point of view of building design, services and construction. Aspects such as disaster resistance, accessibility, retrofitting, conservation, architectural design theory, can be addressed through these electives.

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COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable elective topics are – [the list is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Universal Design
- Seismic Resistance design
- Services in High rise buildings.
- Design theory
- Architectural Conservation
- Computer & design
- Modular design
- Prefabricated & Precast construction
- Advanced Landscape Design

Note : The topics selected in this elective should not focus on any of the aspects of interior design.

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

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The students are expected to present the work done in an**A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

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PDEA College of Architecture Akurdi, Pune 44

Fourth year 2015 Pattern

Semester VIII

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

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DESIGN VIII			
Subject Code		4201562(SV)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 12 (lectures=3, Studio=9)		Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	100 100 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	250
		Total Credits	8

Course Objective

Subject aims at preparing the students to handle complex architectural issues at this stage addressing various challenges in terms of scale, complexity of functions, social economic context, traffic and vehicular movement and so on. Along with the challenges of physical issues, students are also now expected to address spatial and visual language of their project with reference to the urban context and setting of their site.

Course Outline [Project type 1 – one of the two options & Project type 2]

1. Study of Urban Areas in terms of Urban level issues like Mobility, movement network, builtform, disposition, character, identity, activities, open space networks, walkability, inclusiveness, etc.

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Community participation initiatives and analysis.

Identify issues related to above aspects at Neighbourhood level and offer design solutions for improving the status of the neighbourhood with reference to the above aspects. Setting up of Guidelines to achieve the master plan objectives and broad implementation strategy to achieve sustainable neighbourhoods.

The project shall include a Study area and Master Plan area of 2- 3 Ha. with detailed Architectural Resolution of a component/s admeasuring not less than 10000 to 20000 sqm Area of Functional space depending on Context and Complexity.

The Architectural project should evolve of the study of the Area and be an outcome of issue formulation, Development Plan proposals for the area if any and a subset of the overall Master Plan for the Area.

OR

1. Multi Functional Complex of Buildings or Speciality Building in an Urban Context with substantial Complexity addressing Issues of Character, Identity, Builtform, Contextuality, Advanced Services, Green Initiatives , landscape integration, traffic management with impact on immediate surroundings, structural resolution in detail. Building Quantum not less than 10000 to 20000 sqm Area of Functional space depending on Context and Complexity and appropriate plot Area. (eg. Healthcare facility, Educational Institution, 5 Star Hotel, Convention Centre, Multimodal Transport Hub, Shopping Mall and Multiplex, redevelopment project etc.).

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Project should explore the Impact on the Surrounds and from the Surrounds with reference to the Urban Insert being proposed.

2. One Esquee / Charette be undertaken in each of the Terms (One week Duration) exploring design solution for a project / component , ideas for which would help the Main Design project.

Submissions

The design has to be communicated through architectural graphics, two and three-dimensional sketches, models and narratives.

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ADVANCED BUILDING TECHNOLOGY AND SERVICES II			
Subject Code		4201563 (SV)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 07 (lectures=3, Studio=4)	7	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	75 75 25 25
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	200
		Total Credits	5

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To introduce advanced structural systems, materials and services required in buildings with complex and special requirements and enable the students to integrate the same in design.

COURSE OUTLINE:

- Unit 1. .Auditoriums - Design and construction of Auditorium of min capacity 500 with provision of a balcony and application of all required services.
  All architectural drawings, framing plans and sections, showing all services and constructional detail for balcony [minimum four A1 drawings]

- Unit 2. Construction details of architectural features in design projects.
  Assignment -- Complete details with reference to materials used and details of construction. Minimum five working details to an appropriate scale. [Minimum 3 A1 size drawing].

- Unit 3. Introduction to high rise buildings.
  Behavior of high rise structures under different loading conditions. Understanding of structural systems for high rise structures. Assignment; Notes and sketches.

- Unit 4 Curtain walls-- Framing systems and construction details for a curtain wall.
  Assignment -- Students shall study cases of curtain wall and prepare working details for the same. [minimum one A1 size drawing].

SESSIONAL WORK:

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- Drawings / sketches / notes to be as mentioned in the course outline above. Computerized drawings may be allowed only when individual design / detailing is undertaken.

REFERENCE BOOKS

Advance building construction by MACKEY
High Rise Buildings by JASWANT MEHTA
Theatres and Auditoriums byHarold Burris- Meyer &Edward Cole.
Architects Working Details

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PROFESSIONAL PRACTICE II			
Subject Code :		4201564 (PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week = 3 [Lecture 1, Studio 2]	3	Sessional (Internal)	Nil
		Sessional (External)	Nil
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

COURSE OBJECTIVES:

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

- To acquaint the Student with the Role and Stature of an Architect in Society, and understand the duties, responsibilities, liabilities and ethics as a professional.
- To acquaint the Student with the Scope and Avenues of professional Architectural services, and the demands and Mode of professional practice, and to prepare the Student for the professional field.
- To familiarize and prepare the Student with adequate knowledge of an Architect's office administration, documentation and procedures of office and site management to enhance his comprehension and utility during his professional training in the field in Semester IX.

COURSE OUTLINE:

Unit 1 Introduction to Construction Management - Types and Systems of Tendering - Open and Invited Tenders - Pre-Qualification and Empanelment procedures - Selection of Contractors.

Unit 2 Introduction to Contracts - Articles of Agreement and Conditions of Contract (IIA document) Contents of a Tender - Terms of Reference - Specifications - Bill of Quantities - Billing, Measurement of work and Payments - Advances and recovery - Bonus and Penalties, etc ..

Unit 3 Introduction to National Building Code - ISI Codes and Standards, Limits and Tolerances.

Unit 4 Role of Architects in Construction / Site management - Supervision and monitoring of Speed, Quality and Economy - Status on project sites - Meetings, Minutes, Instructions & Records.

Unit 5 General Introduction to the Role and Legal duties of Architects in Arbitration and Valuation.

SESSIONAL WORK : Preparation of a JOURNAL with NOTES based upon the syllabus content. Journal to be submitted at the end of Term-II for Internal and External Marking.

REFERENCE BOOKS :

1) Handbook of Professional Documents - Council of Architecture publication
2) The Architects Act, 1972 - Govt. of India publication

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3) Professional Practice - By Roshan H. Namavati
4) Professional Practice in India - By Madhav G. Deobhakta
5) Architectural Practice and Procedure - By Vasant .S. Apte

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Urban Studies-II			
SubjectCode		4201565 (SS)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=1, Studio=2)	03	Sessional(Internal) Sessional(External) Viva (Internal) Viva (External)	25 25 nil nil
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	02

COURSE OBJECTIVES:

- To introduce the students to the process of planning and urban development and associated legislation.
- To introduce the students to urban economics.

COURSE OUTLINE:

- Study of planning process in detail (Survey, analysis, proposals and development)
- Conservation and related Urban Design controls
- Planning and Urban Design legislation: introduction and relevance
- Unified Building bye laws and Development Control rules of local authorities.
- Urban economics: introduction and concepts (demand and supply, housing finance, Government schemes and various bodies etc)

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

SESSIONAL WORK:

- **Handwritten journal** based upon the theory syllabus as above.
- **Assignments**:
  1. Reading of Urban fabric: Study of existing town and town planning proposals for municipal council level town-(group work) (20 marks)
  2. Identification of urban issues related to various aspects such as environment, society, traffic and transportation, hills and hill slopes, riverfront development, urban heritage conservation through primary surveys(group work in a group of 5 students) (20 marks)
  3. One Tutorial based upon course outline (10 marks)

REFERENCE BOOKS

Urban Pattern: Arthur Gallion
City in History: Lewis Mumford
Spreriegen, Paul. Urban Design: ***The Architecture of Town and Cities.*** Malabar,FL-USAKrieger Publishing Co., 1967
Lynch, Kevin. ***The Image of The City*** London: The MIT Press, 1960
Book of Development Control Regulations by Local Municipal Corporation (latest edition available)
Book of AITP Exam study material: 'Planning Law and Legislation' by ITPI New Delhi
Guide to Planning Surveys including Landuse Classification: TCPO, Govt of India: 2004

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Housing and Urbanization: Charles Correa
Garden Cities of Tomorrow: Sir Ebenezer Howard
Maharashtra Regional and Town Planning Act, 1966
Traffic and Transportation Planning by L.R. kadiali

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Research in Architecture II			
Subject Code		4201566 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	3	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	25 25 - -
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- To enable students to undertake research focussed on an issue related to the built environment.
- To report research in a technical manner.

COURSE OUTLINE:

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

- Unit I Data collection and Analysis preferably with use of statistics
- Unit II Presentation of data using various techniques (verbal, visual, graphical, numerical)
- Unit III Technical writing
- Unit IV Presentation of a research paper in form of a seminar

SESSIONAL WORK:

- Tutorial based on units I to III.
- To undertake original research work on the research proposal prepared in Semester VII and report the research in form of a technical paper of 4000 words minimum.

NOTE:

- The guide must have minimum 5 years of teaching experience. Preferably a guide should not guide more than 8 students.
- It is desirable that the research seminar is presented in front of experts.
- It is beneficial to the students if the topic of research is related to the architectural design project of semester X.

REFERENCE BOOKS

Babbie, E. *The Practice of Social Research*. third edition. Belmont: Wadsworth Publishing Co., 1983. book.
Cresswell, J.W. *Research Design: Qualitative and Quantitative Approaches*. Thousand Oaks: Sage, 1994. Book.

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De Vaus, D.A. *Surveys in Social Research*. Jaipur: Rawat Publications, 2003. Book.
Dey, I. *Qualitative Data Analysis: A User Friendly Guide for Social Scientists*. London: Routledge, 1993. Book.
Groat, L. & Wang, D. *Architectural Research Methods*. New York: John Wiley and Sons Inc., 2002. Book.
Kothari, C.R. *Research Methodology: Methods and Techniques*. New Delhi: Wishwa Prakashan, 2005. Book.
Michelson, William. *Behavioural Methods in Environmental Design*. Stroudsberg, Pennsylvania: Dowden, Hutchinson and Ross, Inc., 1982.
Nachmias, C.F. & Nachmias, D. *Research Methods in Social Sciences*. Great Britain: St. Martin's Press Inc., 1996. Book.
Patton, M.Q. *Qualitative Evaluation Methods*. Newbury Park: Sage Publications, 1980. Book.
Sanoff, H. *Methods of Architectural Programming*. Vol. 29. Dowden Huthinson and Ross, Inc., 1977. document.
—. *Visual Research Methods in Design*. USA: Van Nostrand Reinhold, 1991.

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Quantity Surveying And Estimation - II			
Subject Code		4201567 (PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1, Studio=2)	03	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	Nil Nil Nil
		In-semester exam	30
		End Semester exam	70
		Total Marks	100
		Total Credits	2

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To enable students in working out quantities for items of plumbing and sanitation work in a structure.
- To enable students in working out quantities of various items of work for an Industrial structure and acquaint them for preparing rate analysis and indent of material.

COURSE OUTLINE:

Unit I. Introduction to Analysis of Rate, Factors affecting Rate of any Item of work, Importance of Rate Analysis, Essentials of Rate Analysis.

Unit II. Unit Rate, Direct Cost, Indirect Cost, Overhead Charges, Day Work, Task Work, Piece work, Indent of Material,

Unit III. Studying and Working out rate Analysis of minimum 20 numbers of standard items of work based on prevailing market rates.

Unit IV Studying and preparing Indent of Material of minimum 20 numbers of standard items of work.

Unit V Working out quantities for plumbing and sanitation items of work and preparing measurement sheet and abstract for all items of work.

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Unit VI Working out quantities for Industrial structure of approximately 200-300 sqm with steel Truss and sheet roofing and preparing measurement sheet and abstract for all items of work.

REFERENCE BOOKS

- *B.I.S 1200- Part-I 1992*. n.d.
- Prof. B.N.Dutta, *Estimating and Costing in Civil Engineering.*
- B.S.Patil. *Civil Engineering Contarcts and Estimates.*
- Dr. Roshan Namavati. *Profe ssional Practice.*
- Rangawala. *Estimating Costing and Valuation.*

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Specification Writing II			
Subject Code		4201568 (PP)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (Lectures = 1 Studio = 2)	3	Sessional (Internal)	nil
		Sessional (External)	nil
		Viva (Internal)	nil
		Viva (External)	nil
		In-Semester exam	30
		End-Semester exam	70
		Total Marks	100
		Total Credits	2

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

- To acquaint students with methodology of writing specifications with reference to service installations of different items of work in construction.
- To know importance of specifications in contract document for any construction project.

COURSE OUTLINE:

- Techniques, Importance & methods of writing different types of specifications of different items of works in construction.
- Technical and functional role of specifications in any construction project.

Unit I: Detailed Specifications

1.3. Checklist preparation

Unit II: Specification for Building Services

2.1. Water Supply & Drainage
2.2. Acoustics
2.3. Electrification
2.4. HVAC installation

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Unit III: Building Trades

3.1. Different Building trades scope & contents

Unit IV: Broad outline specification for service installations

4.4. Communication systems- elevators, escalators
4.5. Accessibility- arrangements for disabled persons
4.6. Water proofing- cement, bitumen, polymer based
4.7. External development- roads, pavements, kerbs, lighting

REFERENCE BOOKS

- Indian Standard specifications
- C.P.W.D. Specifications and schedule of rates
- Specification Writing for Architects & Engineers, By Donald A. Watson
- Specification Writing for Architects & Surveyors, By Arthur J. Wills
- Estimating, Costing, Specification & Valuation, By M. Chakraborty

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ELECTIVE III – ALLIED ELECTIVE			
Subject Code		4201569 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 2 (lectures=1, Studio=1)	2	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	NIL
		Viva (External)	NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	1

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt,to make their career in future.

The allied elective gives opportunity to the students to explore links of design as a faculty with allied fields such as social sciences, visual art, performing arts, psychology, etc.

COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable elective topics are – [the list

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is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Music and Architecture
- Environmental psychology
- Art movements and Architecture
- Sociology and Architecture
- Building Economics
- Biomimicry

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an**A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

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Fifth year 2015 Pattern

Semester IX

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

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Practical Training		
Subject Code	5201570 (SV)	
Teaching Scheme	**Examination Scheme**	
Student should work for Total 120 working days in organization where architecture or its allied disciplines are practiced under supervision of a professional who is registered with COA India.	Sessional (Internal) Sessional (External) Viva (Internal) Viva (External)	75 75 25 25
	In-semester exam	NIL
	End Semester exam	NIL
	Total Marks	200
	Total Credits	8

Objectives:

- To undertake practical training under the guidance of experts / professionals.
- To Learn about architect's office management and learn about the process of design, execution and management of a project.

Course outline:

- Students should work in organization where architecture or its allied disciplines are carried under professional who is registered architect with COA
- In case a student undergoes Training at a firm outside India, the professional should be registered with the professional body governing practice in that country / in addition to the registration with COA India.
- Total duration of Professional Training will be 120 working days in IX sem

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Submissions :

- Prepare a separate report along with formal log book & work diary.
- Student should maintain week wise work record in a diary to summarize the work done in the office, site visits, meetings with clients, agencies, interaction with principal architect. This diary should be authenticated by the architect every week.
- Professionals should issue a certificate of performance to the student with respect to the work quality, overall approach, attitude towards office work.
- Students should produce report, log book, work diary & some drawings with permission from the employer [to indicate the kind of work s/he has carried out] at the time of sessional -viva voce examination.

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Fifth year 2015 Pattern

Semester X

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

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Elective IV			
SubjectCode		5201572 (SS)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=1, Studio=2)	3	Sessional(Internal) Sessional(External) Viva (Internal) Viva (External)	25 25 NIL NIL
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	2

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt,to make their career in future.

Architecture professionals will have to deal with more and more complex buildings as well as organizational structures to realize a project .Architects need to be introduced to "Management Concepts" if they are to manage projects right from design stage through the documentation and construction stage.Acknowledging the fact that the Architectural Practice is a team effort and understanding the necessity of management in this field, the following elective topics have been suggested.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

Note:This elective will not focus on design and technology aspects of the topics offered.

COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable management elective topics are as follows:

- Project Management
- Construction Management
- Environment and Energy management
- Architectural Design Management

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects (including basic principles, case studies, application in building projects etc.) of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an**A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned

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Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

Guidelines for content for the electives

Construction Management

Human Resource Management in Construction
Contracts and Claims Management
Construction Materials, Stores and Inventory Control and Technology Management
Construction Equipment Management
Construction Quality and Safety Management
Construction Site Administration and Control
Introduction to Computer applications for construction management

Project Management

Soft Skills in Project Management
Project Risk Management
Project Cost Estimation and Cost Control
Contracts and Claims Management
Project Procurement and Materials Management
Project Quality and Safety Management
Introduction to Computer Application in Contract Management

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

Environment and Energy Management

Environment and Energy Policies and Management in Indian Context
Environment Technology Management-Water and Waste Management Technologies
Energy Management in Buildings (Demand and Supply Management)
Building Management Systems

Architectural Design Management

Design Management
Drawing and Documentation Management
Computer Applications for Design Management

Architectural Design Project			
SubjectCode		5201571 (SV)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek=20 (lectures=4, Studio=16)	20	Sessional(Internal) Sessional(External) Viva (Internal) Viva (External)	175 175 50 50
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	450
		Total Credits	12

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OBJECTIVE: To provide an opportunity to the students to apply the **knowledge gained** in earlier years to full-fledged Architectural Design project of student's choice with a holistic approach including background research, programme formulation, site selection investigations and design demonstration.

COURSE OUTLINE: The Architectural Design Project shall consist of **Design Demonstration** i.e. formulation of design programme, site investigation and selection, and culmination in architectural design proposal.

TOPIC FOR ARCHITECTURAL PROJECT: The topic for the project shall be approved by the Institute and guided by the Faculty. The student may consult external resource persons specializing in the chosen topic but the assessment shall be done by the faculty. **A guide** may guide upto EIGHT students during the session. In order to qualify to work as a Guide, the faculty must possess minimum of **ten** YEARS of teaching / professional experience.

SESSIONAL WORK:

The portfolio of the work submitted by the student shall contain MANUALLY LABOURED / COMPUTER GENERATED drawings **of sheet sizes as per international standards** and a PHYSICAL MODEL explaining the architectural proposal. Alongwith the drawings A4/A3 size report consisting of the background and rationale of the project, the methodology and the prints of the final proposal shall be submitted after the oral examination, to be kept in the library of the college. The choice of the size of the report is left to the institute , however, within one institute report size should be constant.

In addition the student may show other presentations like 3D views, walkthroughs etc. if permitted by the examiners.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

SESSIONAL ASSESSMENT:

The Internal assessment of architectural project shall be carried out STAGE WISE as decided by the college. The final assessment in the examination shall be done by both Internal and External examiner in which the student shall display the work on the space allotted to him/her and explain his work and answer all the queries raised by the examiner.

The examiners shall assess the work done and presented by the student, duly approved by the Faculty. The drawings and models, duly stamped and signed by the Faculty shall be treated as authentic work done by the student under the guidance of the Faculty. The student may submit sufficient number of drawings required to satisfactorily explain the project. The student shall also present a separate portfolio of study & process sheets, study models etc.

ORAL EXAMINATION : The oral shall be held in the physical presence of the student in **examination centre of the candidate** jointly by the internal and external examiners. The student shall be allowed to present his project for minimum 10 minutes without any interruption. The student shall be judged for the depth of understanding of the subject and clarity of graphical presentation of the project.

RECOMMENDED READING:

All books relevant to the topic of the architectural project.

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

D) Institute Time table and Teaching Load details

1. AY- 2021-2022

- **Time Table - Sem-I & SEM-II**
- **Teachers Teaching Load**

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Academic Year 2021-22 (Odd Sem)

Load Calculation

Name Of Faculty	Subject	Year	Subject Load	Total Load
Prof. Anita J.	Thesis	5th	10	10
Prof. Prashant G.	ADVANCED BUILDING TECHNOLOGY AND SERVICES I	4th	7	20
	Building Services III	3rd	3	
	Thesis	5th	10	
Prof. Nishant G.	Thesis	5th	10	10
Prof. Abhijit B.	Thesis	5th	10	28
	PROFESSIONAL PRACTICE I	4th	3	
	RESEARCH IN ARCHITECTURE I	4th	3	
	ELECTIVE II	4th	2	
	Arch. Design V	3rd	7	
	Electives I (contemporary arch.)	3rd	3	
Prof. Deepali R.	Building Construction and Materials V	3rd	5	28
	Arch. Design V	3rd	7	
	Building Services I	2nd	3	
	Climatology	2nd	3	
	Thesis	5th	10	
Prof. Swati R.	Working Dwg. I	3rd	4	23
	Architectural Design II	2nd	7	
	Climatology	2nd	3	
	ARCHITECTURAL GRAPHICS AND DRAWING I	1st	5	
	Computer Aided Drawing and Graphics	2nd	4	
Prof. Rashmi R.	PROFESSIONAL PRACTICE I	4th	3	23
	RESEARCH IN ARCHITECTURE I	4th	3	
	ELECTIVE II	4th	2	
	DESIGN VII	4th	12	
	Electives I (contemporary arch.)	3rd	3	
Prof. Shivali L.	ADVANCED BUILDING TECHNOLOGY AND SERVICES I	4th	7	
	Landscape Architecture	3rd	4	
	Building Services III	3rd	3	
Prof. Shourya S.	Quantity Surveying And Estimation - I	4th	3	15
	Specification Writing I	4th	3	
	Theory of Structures V	3rd	3	
	Theory of Structures III	2nd	3	
	THEORY OF STUCTURES I	1st	3	
Prof. Pooja K.	URBAN STUDIES-I	4th	3	21
	HISTORY OF ARCHITECTURE AND CULTURE III	2nd	3	
	BASIC DESIGN	1st	7	
	BUILDING CONSTRUCTION AND MATERIALS I	1st	5	
	WORKSHOP I	1st	3	
Prof. Vishnu S.	COMMUNICATION SKILLS	1st	3	22
	WORKSHOP I	1st	3	
	Architectural Design II	2nd	7	
	Building Construction and Materials III	2nd	5	
	Computer Aided Drawing and Graphics	2nd	4	
Prof. Shusmita P.	ELECTIVE II	4th	2	14
	DESIGN VII	4th	12	
Prof. Rakesh M.	Building Construction and Materials III	2nd	5	18
	URBAN STUDIES-I	4th	3	
	Working Dwg. I	3rd	4	
	DESIGN VII	4th	6	
Prof. Aniket S.	HISTORY OF ARCHITECTURE AND CULTURE III	2nd	3	18
	BASIC DESIGN	1st	7	
	ARCHITECTURAL GRAPHICS AND DRAWING I	1st	5	
	HISTORY OF ARCHITECTURE AND CULTURE I	1st	3	
Prof. Ketaki A.	COMMUNICATION SKILLS	1st	3	14
	HISTORY OF ARCHITECTURE AND CULTURE I	1st	3	
	Building Services I	2nd	3	
	Building Construction and Materials V	3rd	5	
Visting Faculty				
Prof.Vishal Bafna	Building Construction and Materials I	1st	5	5

Academic Co-Ordinator

Principal
Principal
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Akurdi, Pune - 411 044.

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Academic Time –Table 2021-22 (1st YR.- I SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	HOA-I	HOA-I	Short Break	HOA-I	B. DESIGN-I	Long Break	B. DESIGN-I
TUESDAY	A.G.D.- I	A.G.D.- I		A.G.D.- I	A.G.D.- I		A.G.D.- I
WEDNESDAY	BCM-I	BCM-I		BCM-I	BCM-I		BCM-I
THURSDAY	COMM. SKILL	COMM. SKILL		COMM. SKILL	TOS-I		TOS-I
FRIDAY	B. DESIGN-I	B. DESIGN-I		B. DESIGN-I	B. DESIGN-I		B. DESIGN-I
SATURDAY 2nd& 4th	WORKSHOP	WORKSHOP		WORKSHOP	WORKSHOP		WORKSHOP

SUBJECT NAME	BASIC DESIGN	BCM-I	A.G.D.- I	COMM. SKILL	HOA-I	TOS-I	WORKSHOP
SUBJECT TEACHER	AR. ANIKET S. AR. POOJA K.	AR. VISHAL B. AR. POOJA K.	AR. SWATI R. AR. ANIKET S.	AR. VISHNU S. AR. KETAKI A.	AR. ANIKET S. AR. KETAKI A.	ER. SHOURYA S.	AR. POOJA K AR. AR.VISHNU S.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Vishnu Suresh
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2021-22 (2ND YR.- III SEM)

Day/Time	08.00-09 00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	A. DESIGN-II	A. DESIGN-II	Short Break	A. DESIGN-II	A. DESIGN-II	Long Break	A. DESIGN-II
TUESDAY	TOS-III	TOS-III		HOA-III	HOA-III		HOA-III
WEDNESDAY	B.S.- I	B.S.- I		B.S.- I	B.S.- I		LIBRARY
THURSDAY	BCM-II	BCM-III		BCM-III	BCM-III		BCM-III
FRIDAY	COMP.AIDED & GRAPHICS	COMP.AIDED & GRAPHICS		COMP.AIDED & GRAPHICS	A. DESIGN-II		A. DESIGN-II
SATURDAY 2nd& 4th	CLIMATOLOGY	CLIMATOLOGY		CLIMATOLOGY	CLIMATOLOGY		CLIMATOLOGY

SUBJECT NAME	A.D.- II	B.C.M.-III	B.S.-I	COMP.AIDED & GRAPHICS	H.O.A.-III	T.O.S.-III	CLIMATOLOGY
SUBJECT TEACHER	AR. SWATI R. AR. VISHNU S.	AR. RAKESH M. AR. VISHNU S.	AR.DEEPALI R. AR. KETAKI A.	AR. SWATI R. AR. VISHNU S.	AR. POOJA K. AR. ANIKET S.	ER. SHOURYA S.	AR.DEEPALI R. AR. SWATI R.

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Ar. Anita Joshi
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Academic Time –Table 2021-22 (3rd YR.- V SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	DESIGN-V	DESIGN-V	Short Break	DESIGN-V	DESIGN-V	Long Break	DESIGN-V
TUESDAY	BCM-V	BCM-V		BCM-V	BCM-V		BCM-V
WEDNESDAY	W.D.-I	W.D.-I		W.D.-I	W.D.-I		LANDSCAPE-I
THURSDAY	TOS-V	TOS-V		B.S.- III	B.S.- III		B.S.- III
FRIDAY	ELECTIVE-I	ELECTIVE-I		ELECTIVE-I	DESIGN-V		DESIGN-V
SATURDAY 2nd& 4th	LANDSCAPE-I	LANDSCAPE-I		LANDSCAPE-I	LANDSCAPE-I		LANDSCAPE-I

SUBJECT NAME	DESIGN- V	B.T.M.-V	B.S.-III	W.D.-I	ELECTIVE-1 (CONTEMPORY ARCH.)	T.O.S.-V	LANDSCAPE-I
SUBJECT TEACHER	AR. ABHIJIT B. AR.DEEPALI R.	AR.DEEPALI R. AR. KETAKI A.	AR. PRASHANT G. AR. SHIVALI L.	AR. SWATI R. AR. RAKESH M.	AR. ABHIJIT B. AR. RASHMI R.	ER. SHOURYA S.	AR. SHIVALI L.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar.Swati Rode
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2021-22 (4th YR.- VII SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	DESIGN-VII	DESIGN-VII	Short Break	DESIGN-VII	DESIGN-VII	Long Break	DESIGN-VII
TUESDAY	URBAN STUDIES-I	URBAN STUDIES-I		URBAN STUDIES-I	SPECIF.-I		SPECIF.-I
WEDNESDAY	ABTS-I	ABTS-I		ABTS-I	ABTS-I		ABTS-I
THURSDAY	P.P.- I	P.P.- I		RESEARCH-I	RESEARCH-I		ELECTIVE-II
FRIDAY	ELECTIVE-II	DESIGN-VII		DESIGN-VII	DESIGN-VII		DESIGN-VII
SATURDAY 2nd& 4th	Q.S & E-I	Q.S & E-I		ELECTIVE-II	ELECTIVE-II		ELECTIVE-II

SUBJECT NAME	DESIGN-VII	ABT&S-I	P.P.-I	URBAN.STUDY.-I	RESEARCH IN ARCHI.-I	Q.S& E-I	SPECIFICATION WRITING-I	ELECTIVE-II
SUBJECT TEACHER	AR. RAKESH M. AR. RASHMI R. AR. SUSMITA P.	AR. PRASHANT G. AR. SHIVALI L.	AR. ABHIJIT B. AR. RASHMI R.	AR. RAKESH M. AR. POOJA K.	AR. ABHIJIT B. AR. RASHMI R.	ER. SHOURYA S.	ER. SHOURYA S.	AR. ABHIJIT B. AR. RASHMI R. AR. SHUSMITA P.

Ar. Abhijit Bhagat
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Ar. Deepali Randhe
Class Teacher

Ar. Anita Joshi
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Academic Year 2021-22 (Even Sem)

Load Calculation

Name Of Faculty	Subject	Year	Subject Load	Total Load
Prof. Anita J.	Architectural Design Project	5	20	20
Prof. Prashant G.	Building Construction and Materials VI	3	5	41
	Building Services IV	3	3	
	ADVANCED BUILDING TECHNOLOGY AND SERVICES II	4	7	
	PROFESSIONAL PRACTICE II	4	3	
	Elective IV (Construction/Project Management)	5	3	
	Architectural Design Project	5	20	
Prof. Nishant G.	DESIGN VIII	4	12	32
	Architectural Design Project	5	20	
Prof. Abhijit B.	Arch. Design V	3	7	33
	Research in Architecture I	3	3	
	RESEARCH IN ARCHITECTURE II	4	3	
	Architectural Design Project	5	20	
Prof. Deepali R.	Building Services II	2	4	27
	Arch. Design V	3	7	
	Architectural Design Project	5	10	
	Research in Architecture I	3	3	
	Elective IV (Energy efficiency)	5	3	
Prof. Swati R.	ARCHITECTURAL GRAPHICS AND DRAWING II	1	5	24
	Architectural Design III	2	7	
	Environmental Science	2	3	
	WORKING DRAWING II	3	4	
	RESEARCH IN ARCHITECTURE II	4	3	
	ELECTIVE III - (Biomimicry)	4	2	
Prof. Shivali L.	BASIC DESIGN	1	7	23
	WORKSHOP II	1	3	
	BUILDING CONSTRUCTION AND MATERIALS I	1	5	
	Building Construction and Materials IV	2	5	
	Building Services IV	3	3	
Prof. Shourya S.	THEORY OF STUCTURES II	1	2	21
	Theory of Structures IV	2	2	
	SITE SURVEY AND ANALYSIS	2	4	
	Theory of Structures VI	3	2	
	Quantity Surveying And Estimation - II	4	3	
	Specification Writing II	4	3	
	Building Construction and Materials IV	2	5	
Prof. Pooja K.	ADVANCED BUILDING TECHNOLOGY AND SERVICES II	4	7	24
	DESIGN VIII	4	12	
	ELECTIVE III - DESIGN & TECHNOLOGY ELECTIVE	4	2	
	Urban Studies-II	4	3	
Prof. Vishnu S.	BUILDING CONSTRUCTION AND MATERIALS I	1	5	24
	COMMUNICATION SKILLS	1	3	
	WORKSHOP II	1	3	
	Architectural Design III	2	7	
	HISTORY OF ARCHITECTURE AND CULTURE IV	2	3	
	Elective-II	3	3	
Prof. Shusmita P.	Elective-II	3	3	18
	DESIGN VIII	4	12	
	Urban Studies-II	4	3	
Prof. Rakesh M.	Building Construction and Materials IV	2	5	24
	WORKING DRAWING II	3	4	
	DESIGN VIII	4	12	
	Urban Studies-II	4	3	
Prof. Aniket S.	BASIC DESIGN	1	7	25
	ARCHITECTURAL GRAPHICS AND DRAWING II	1	5	
	HISTORY OF ARCHITECTURE AND CULTURE II	1	3	
	Environmental Science	2	3	
	Architectural Design III	2	7	
Prof. Aditya M	BUILDING CONSTRUCTION AND MATERIALS I	1	5	18
	FUNDAMENTAL IN ARCHITECTURE	1	3	
	Architectural Design III	2	7	
	HOA-HISTORY OF ARCHITECTURE-IV	2	3	
Prof. Rashmi R.	HISTORY OF ARCHITECTURE AND CULTURE II	1	3	13
	HOA-HISTORY OF ARCHITECTURE-IV	2	3	
	Arch. Design V	3	7	
Prof. Pradumna G.	Building Services II	2	4	10
	PROFESSIONAL PRACTICE II	4	3	
	Quantity Surveying And Estimation - II	4	3	
Prof. Arun S.	ELECTIVE III - DESIGN & TECHNOLOGY ELECTIVE	4	2	12
	ADVANCED BUILDING TECHNOLOGY AND SERVICES II	4	7	
	Specification Writing II	4	3	
Prof. Prachi A.	Research in Architecture I	3	3	9
	RESEARCH IN ARCHITECTURE II	4	3	
	Building Services IV	3	3	
Visting Faculty				
Prof.Hrishikesh S.	FUNDAMENTAL IN ARCHITECTURE	1	3	10
	Building Construction and Materials V	3	7	
Prof. Prasad Ganpule	Specification Writing II	4	3	6
	Quantity Surveying And Estimation - II	4	3	

Academic Co-Ordinator

Principal
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Academic Time –Table 2021-22 (1ST YR.- II SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	HOA-II	HOA-II	Short Break	HOA-II	B. DESIGN-	Long Break	B. DESIGN-
TUESDAY	A.G.D.- II	A.G.D.- II		A.G.D.- II	A.G.D.- II		A.G.D.- II
WEDNESDAY	BCM-II	BCM-II		BCM-II	BCM-II		BCM-II
THURSDAY	FUND. IN ARCH.	FUND. IN ARCH.		FUND. IN ARCH.	TOS-II		TOS-II
FRIDAY	B. DESIGN	B. DESIGN		B DESIGN	B DESIGN		B DESIGN
SATURDAY 2nd& 4th	WORKSHOP- II	WORKSHOP- II		WORKSHOP-II	WORKSHOP-II		WORKSHOP-II

SUBJECT NAME	BASIC DESIGN	BCM-II	A.G.D.- II	FUNDAMENTAL IN ARCH.	HOA-II	TOS-II	WORKSHOP- II
SUBJECT TEACHER	AR. ANIKET S. AR. SHIVALI L.	AR. ADITYA M. AR. SHIVALI L.	AR. SWATI R. AR. ANIKET S.	AR. ADITYA M. AR. HRISHIKESH S.	AR. RASHMI R. AR. ANIKET S.	ER. SHOURYA S.	AR. VISHNU S. AR. SHIVALI L.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Shivali Lalbige
Class Teacher

Ar. Anita Joshi
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Academic Time –Table 2021-22 (2ND YR.- IV SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	A. DESIGN-III	A. DESIGN-III	Short Break	A. DESIGN-III	A. DESIGN-III	Long Break	A. DESIGN-III
TUESDAY	TOS-IV	TOS-IV		HOA-IV	HOA-IV		HOA-IV
WEDNESDAY	B.S.- II	B.S.- II		B.S.- II	B.S.- II		LIBRARY
THURSDAY	BCM-IV	BCM-IV		BCM-IV	BCM-IV		BCM-IV
FRIDAY	E.S.	E.S.		E.S.	A. DESIGN-III		A. DESIGN-III
SATURDAY 2nd& 4th	LIBRARY	LIBRARY		SITE SURVEY	SITE SURVEY		SITE SURVEY

SUBJECT NAME	A. DESIGN-III	BCM-IV	B.S.- II	ENVIRONMENTAL SCIENCE	HOA-IV	TOS-IV	SITE SURVEY
SUBJECT TEACHER	AR. SWATI R. AR. ADITYA M. AR. ANIKET S.	AR. RAKESH M. AR. SHIVALI L. ER. SHOURYA S.	AR. PRADHUMNA G. AR. DEEPALI R.	AR. SWATI R. AR. ANIKET S.	AR. RASHMI R. AR. ADITYA M.	ER. SHOURYA S.	ER. SHOURYA S.

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Academic Time –Table 2021-22 (3RD YR.- VI SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	DESIGN-V	DESIGN-V	Short Break	DESIGN-V	DESIGN-V	Long Break	DESIGN-V
TUESDAY	BCM-VI	BCM-VI		BCM-VI	BCM-VI		BCM-VI
WEDNESDAY	W.D.-II	W.D.-II		W.D.-II	W.D.-II		ELECTIVE-II
THURSDAY	TOS-VI	TOS-VI		B.S.- IV	B.S.- IV		B.S.- IV
FRIDAY	RESEARCH IN ARCH.-I	RESEARCH IN ARCH.-I		RESEARCH IN ARCH.-I	DESIGN-V		DESIGN-V
SATURDAY 2nd& 4th	ELECTIVE-II	ELECTIVE-II		ELECTIVE-II	ELECTIVE-II		ELECTIVE-II

SUBJECT NAME	DESIGN-V	BCM-VI	B.S.- IV	WORKING DRAWING-II	RESEARCH IN ARCH.-I	TOS-VI	ELECTIVE-II
SUBJECT TEACHER	AR. ABHIJIT B. AR. DEEPALI R. AR. RASHMI R.	AR. PRASHANT G. AR. HRISHIKESH S.	AR. PRASHANT G. AR. SHIVALI L. AR. PRACHI A.	AR. RAKESH M. AR. SWATI R.	AR. ABHIJIT B. AR. DEEPALI R. AR. PRACHI A.	ER. SHOURYA S.	AR. SUSMITA P. AR. VISHNU S.

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Academic Time –Table 2021-22 (4th YR.- VIII SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY	DESIGN-VIII	DESIGN-VIII	Short Break	DESIGN-VIII	DESIGN-VIII	Long Break	DESIGN-VIII
TUESDAY	URBAN STUDIES-II	URBAN STUDIES-II		URBAN STUDIES-II	SPECIF.-II		SPECIF.-II
WEDNESDAY	ABTS-II	ABTS-II		ABTS-II	ABTS-II		ABTS-II
THURSDAY	P.P.- II	P.P.- II		RESEARCH-II	RESEARCH-II		ELECTIVE-III
FRIDAY	ELECTIVE-III	DESIGN-VIII		DESIGN-VIII	DESIGN-VIII		DESIGN-VIII
SATURDAY 2nd& 4th	Q,S & E-II	Q,S & E-II		ELECTIVE-III	ELECTIVE-III		ELECTIVE-III

SUBJECT NAME	DESIGN-VIII	ABTS-II	P.P.- II	URBAN STUDIES-II	RESEARCH-II	Q,S & E-II	SPECIF.-II	ELECTIVE-III
SUBJECT TEACHER	AR. NISHANT G. AR. RAKESH M. AR. POOJA K. AR. SUSMITA P.	AR. PRASHANT G. AR. POOJA K. AR. ARUN S.	AR. PRADHUMNA G. AR. PRASHANT G.	AR. RAKESH M. AR. SUSMITA P. AR. POOJA K.	AR. ABHIJIT B. AR. SWATI R. AR. PRACHI A.	AR. PRASAD G. AR. PRADHUMNA G. ER. SHOURYA S.	AR. PRASAD G. ER. SHOURYA S. AR. ARUN S.	AR. SWATI R. AR. POOJA K. AR. ARUN S.

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Ar. Pooja Kudale
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Academic Time –Table 2021-22 (5th YR.- X SEM)

Day/Time	08.00-09.00	09.00-10.00	10.00-10.15	10.15-11.15	11.15-12.15	12.15-1.00	01.00-02.00
MONDAY			Short Break			Long Break	
TUESDAY	ADP	ADP		ADP	ADP		Elective-VI
WEDNESDAY	ADP	ADP		ADP	ADP		Elective-VI
THURSDAY	ADP	ADP		ADP	ADP		Elective-VI
FRIDAY							
SATURDAY 2nd& 4th	ADP Review	ADP Review		ADP Review	ADP Review		ADP Review

SUBJECT NAME	ADP	Elective-VI
SUBJECT TEACHER	AR. ANITA J. AR. PRASHANT G. AR. NISHANT G. AR. ABHIJIT B.	AR. PRASHANT G. AR. DEEPALI R.

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Ar. Deepali Randhe
Class Teacher

Ar. Anita Joshi
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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

D) Institute Time table and Teaching Load details

1. AY- 2020-2021

- Time Table - Sem-I & SEM-II
- Teachers Teaching Load

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Academic Year 2020-21 (odd Sem)

Load Calculation

ONLINE LECTURE- TIME TABLE 2020-21

Name Of Faculty	Subject	Subject Load	Year	Total Load
Prof. Nishant G.	DESIGN VII	12	4th yr.	17
	URBAN STUDIES-I	3	4th yr.	
	Elective-II	2	4th yr.	
Prof. Abhijit B.	Design V	8	3rd yr.	16
	PROFESSIONAL PRACTICE I	3	4th yr.	
	Elective-II	2	4th yr.	
	RESEARCH IN ARCHITECTURE I	3	4th yr.	
Prof. Deepali R.	Design V	8	3rd yr.	22
	BTM-V	7	3rd yr.	
	Climatology	3	2nd yr.	
	B.S.-I	4	2nd yr.	
Prof. Swati R.	Architectural Design II	7	2nd yr.	18
	Comp. Aided Drawg & Graphics	4	2nd yr.	
	Climatology	3	2nd yr.	
	W.D.-II	4	3rd yr.	
Prof. Rashmi R.	DESIGN VII	12	4th yr.	27
	W.D.-II	4	3rd yr.	
	H.O.A-IV	3	3rd yr.	
	Elective-II	2	4th yr.	
	RESEARCH IN ARCHITECTURE I	3	4th yr.	
	H.O.A-III	3	2nd yr.	
Prof. Prachi Agrawal	B. S. III	4	3rd yr.	14
	Comp. Aided Drawg & Graphics	4	2nd yr.	
	Elective-II	2	4th yr.	
	Landscape- I	4	3rd yr.	
Prof. Chirag G.	A.B.T. & S	7	4th yr.	14
	TOS-III	2	2nd yr.	
	TOS-V	2	3rd yr.	
	Quantity Surveying - I	3	4th yr.	
Prof. Ketki A.	B.C.M- III	5	2nd yr.	16
	Landscape- I	4	3rd yr.	
	Architectural Design II	7	2nd yr.	
Visting Faculty				
Prof. Prasad Ganpule	Specification Writing I	4	3	6
	Quantity Surveying And Estimation - I	4	3	

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Academic Time –Table 2020-21 (2ND YR.- III SEM)

ONLINE LECTURE- TIME TABLE					
2nd year (SEM III)					
TIMING/DATE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9.00 A.M. TO 10.30 A.M.	A.D. - II	B.C.M.-III	T.O.S.-III	B.S.-I	A.D.-II Review
10.30 A.M. TO 12.00 P.M.	A.D. - II	H.O.A-III	Graphics	Climatology	A.D.-II Review

SUBJECT NAME	A.D.- II	B.C.M.-III	B.S.-I	COMP.AIDED & GRAPHICS	H.O.A.-III	T.O.S.-III	CLIMATOLOGY
SUBJECT TEACHER	AR. SWATI R. AR. KETAKI A.	AR. KETAKI A.	AR.DEEPALI R.	AR. SWATI R. AR. PRACHI A.	AR. RASHMI R.	ER.CHIRAG G.	AR.DEEPALI R. AR. SWATI R.

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Academic Time –Table 2020-21 (3rd YR.- V SEM)

ONLINE LECTURE- TIME TABLE					
3rd year (SEM V)					
TIMING/DATE	MONDAY	TUESDAY	WEDNESDAY	THUSDAY	FRIDAY
9.00 A.M. TO 10.30 A.M.	Design - V	B.T.M.-V	Landscape-I	T.O.S.-IV	Design - V Review
10.30 A.M. TO 12.00 P.M.	Design - V	B.S.-III	H.O.A-IV	W.D.-I	Design - V Review

SUBJECT NAME	DESIGN- V	E.T.M.-V	B.S.-III	W.D.-I	H.O.A.-IV	T.O.S.-V	LANDSCAPE-I
SUBJECT TEACHER	AR. ABHIJIT B. AR.DEEPALI R.	AR.DEEPALI R.	AR. PRACHI A.	AR. SWATI R. AR. RASHMI R.	AR. RASHMI R.	ER.CHIRAG G.	AR. PRACHI A. AR. KETAKI A.

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Academic Time –Table 2020-21 (4th YR.- VII SEM)

ONLINE LECTURE- TIME TABLE					
4th year (SEM VI)					
TIMING/DATE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9.00 A.M. TO 10.30 A.M.	Design VII/U.Study-I	IQ.S&T-I	Research In Arch.-I	Elective-II	ABTS-I
10.30 A.M. TO 12.00 P.M.	Design VII/U.Study-I	Specification Writing I	P.P.-I	Elective-II	Design VII Review

SUBJECT NAME	DESIGN-VII	ABT&S-I	P.P.-I	URBAN.STUDY.-I	RESEARCH IN ARCHI.-I	Q.S& E-I	Specification Writing I	ELECTIVE-II
SUBJECT TEACHER	AR. NISHANT G. AR. RASHMI R.	ER.CHIRAG G.	AR. ABHIJIT B.	AR. NISHANT G.	AR. ABHIJIT B. AR. RASHMI R.	PROF.PRASAD GANPULAY. ER.CHIRAG G.	PROF.PRASAD GANPULAY ER.CHIRAG G.	AR. NISHANT G. AR. ABHIJIT B. AR. RASHMI R. AR. PRACHI A.

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Ar. Rashmi Rawat
Class Teacher

Ar. Anita Joshi
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Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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Academic Year 2020-21 (Even Sem)

Load Calculation

ONLINE LECTURE- TIME TABLE 2020-21

Load Calculation

Name Of Faculty	Subject	Year	Subject Load	Total Load
Prof. Anita J.	Environmental Science	2	3	7
	Elective-II	3	3	
	Arch.Design-I		7	
Prof. Nishant G.	DESIGN VIII	4	12	12
Prof. Arun S.	BCM-IV	2	5	15
	ADVANCED BUILDING TECHNOLOGY AND S	4	7	
	PROFESSIONAL PRACTICE II	4	3	
Prof. Abhijit B.	RESEARCH IN ARCHITECTURE II	4	3	17
	WORKSHOP-II		3	
	Arch. Design VI	3	7	
	Contempropry Architecture	3	4	
Prof. Deepali R.	B.S.-II		4	22
	Arch. Design VI	3	7	
	Building Construction and Materials VI	3	7	
	Elective 1	3	4	
Prof. Swati R.	ADG-II	1	5	23
	Design-III	2	11	
	Elective 1	3	4	
	Elective-II	3	3	
Prof. Rashmi R.	HOA-HISTORY OF ARCHITECTURE-IV	2	3	19
	Contempropry Architecture	3	4	
	DESIGN VIII	4	12	
Prof. Prachi Agrawal	Landscape - II	3	4	26
	DESIGN VIII	4	12	
	ADVANCED BUILDING TECHNOLOGY AND S	4	7	
	Urban Studies-II	4	3	
Prof. Chirag G.	TOS-II	1	3	17
	Theory of Structures IV	2	2	
	SITE SURVEY AND ANALYSIS	2	4	
	Theory of Structures VI	2	2	
	Specification Writing II	4	3	
	Quantity Surveying And Estimation - II	4	3	
Prof. Ketki A.	Fundamental of architecture	1	3	23
	Design-III	2	11	
	Landscape - II	3	4	
	BCM-IV	2	5	
Ar. Aniket S.	Arch.Design-I	1	7	7
	H.O.A-III	2	3	
Ar. Pooja K.	Arch.Design-I	1	7	15
	DCM-II	1	5	
	WORKSHOP-II	1	3	
Visting Faculty				
Prof.Vishal Bafna	BCM-II	1	5	5
Prof.Hrishikesh S.	FUNDAMENTAL IN ARCHITECTURE	1	3	10
	Building Construction and Materials VI	3	7	
Prof. Prasad Ganpule	Specification Writing II	4	3	6
	Quantity Surveying And Estimation - II	4	3	
Prof. Rakesh M.	Urban Studies-II	4	3	3

Academic Co-Ordinator

Principal

PDEA's College Of Architecture Akurdi Pune 44

Principal
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Academic Time –Table 2020-21 (1st YR.- II SEM)

ONLINE LECTURE- TIME TABLE						
TIMING/DATE	**MONDAY**	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY 2nd& 4th**
9.00 A.M. TO 10.30 A.M.	TOS- I	ARCHITECTURAL DESIGN I	HOA-II	BCM-II	ARCHITECTURAL DESIGN I	WORKSHOP- II
10.30 A.M. TO 12.00 P.M.	TOS- I	ARCHITECTURAL DESIGN I	A.G.D.- II	FUND. OF ARCH.	ARCHITECTURAL DESIGN I	WORKSHOP-II

SUBJECT NAME	ARCHITECTURAL DESIGN I	BCM-II	A.G.D.- II	FUNDAMENTAL OF ARCHITECTURE	HOA-II	TOS-II	WORKSHOP-II
SUBJECT TEACHER	AR. ANITA J. AR. ANIKET S. AR. POOJA K.	AR VISHAL B. AR POOJA K.	AR. SWATI R. AR. ANIKET S.	AR. KETAKI A.	AR. ANIKET S.	ER.CHIRAG G.	AR. ABHIJIT B. AR. POOJA K

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Pooja Kudale
Class Teacher

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Ar. Anita Joshi
Principal

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Academic Time –Table 2020-21 (2ND YR.- IV SEM)

ONLINE LECTURE- TIME TABLE						
TIMING/DATE	**MONDAY**	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**	**SATURDAY 2nd& 4th**
9.00 A.M. TO 10.30 A.M.	A.D. – III	B.C.M.-IV	H.O.A.-IV	ENVIRON.SCI.	A.D.-III	SITE SURVEY
10.30 A.M. TO 12.00 P.M.	A.D. - III	H.O.A-IV	T.O.S.-IV	B.S.-II	A.D.-III	SITE SURVEY

SUBJECT NAME	A.D.- III	B.C.M.-IV	B.S.-II	ENVIRONMENTAL SCIENCE	HOA-IV	TOS-IV	SITE SURVEY
SUBJECT TEACHER	AR. SWATI R. AR. KETAKI A.	AR. ARUN S. AR. KETAKI A.	AR.DEEPALI R.	AR. ANITA J.	AR. RASHMI R.	ER.CHIRAG G.	ER.CHIRAG G

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Swati Rode
Class Teacher

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Ar. Anita Joshi
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Academic Time –Table 2020-21 (3rd YR.- VI SEM)

ONLINE LECTURE- TIME TABLE						
TIMING/DATE	MONDAY	TUESDAY	WEDNESDAY	THUSDAY	FRIDAY	SATURDAY 2nd& 4th
9.00 A.M. TO 10.30 A.M.	Design – VI	B.T.M.-VI	Elective-I	Contemporary Arch.	Design – VI	Landscape -II
10.30 A.M. TO 12.00 P.M.	Design – VI	B.S.-IV	Landscape -II	T.O.S.-VI	Design – VI	Elective-I

SUBJECT NAME	DESIGN-VI	BTM-VI	B.S.- IV	LANDSCAPE-II	CONTEMP. ARCH	TOS-VI	ELECTIVE-I
SUBJECT TEACHER	AR. ABHIJIT B. AR. DEEPALI R.	AR. HRISHIKESH S. AR. DEEPALI R.	AR. ARUN S. AR. PRACHI A.	AR. PRACHI A. AR. KETAKI A.	AR. ABHIJIT B. AR. RASHMI R.	ER.CHIRAG G.	AR. DEEPALI R. AR. SWATI R.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Deepali Randhe
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2020-21 (4th YR.- VIII SEM)

ONLINE LECTURE- TIME TABLE						
TIMING/DATE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY 2nd& 4th
9.00 A.M. TO 10.30 A.M.	U.Study-II	Q.S&T-II	P.P.-II	ABTS-II	Design VII	Elective-II
10.30 A.M. TO 12.00 P.M.	Design VII	Specification Writing II	Research In Arch.-II	Elective-II	Design VII	Elective-II

SUBJECT NAME	DESIGN-VIII	ABTS-II	P.P.- II	URBAN STUDIES-II	RESEARCH-II	Q.S & E-II	SPECIF.-II	ELECTIVE-II
SUBJECT TEACHER	AR. NISHANT G. AR. RASHMI R. AR. PRACHI A.	AR. ARUN S. AR. PRACHI A	AR. ARUN S.	AR. RAKESH M. AR. PRACHI A.	AR. ABHIJIT B.	PROF. PRASAD G. ER.CHIRAG G.	PROF. PRASAD G. ER.CHIRAG G.	AR. ANITA J. AR. SWATI R.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Prachi Agrawal
Class Teacher

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Ar. Anita Joshi
Principal

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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

D) Institute Time table and Teaching Load details

1. AY- 2019-2020

- **Time Table - Sem-I & SEM-II**
- **Teachers Teaching Load**

PDEA College of Architecture Akurdi, Pune-44

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Academic Year 2019-20 (Odd Sem)

Load Calculation

Name Of Faculty	Subject	Year	Subject Load	Total Load
Prof. Nishant G.	ARCHITECTURAL GRAPHICS AND DRAWING I	1st	5	12
	Architectural Design & Graphics III	2nd	7	
Prof. Anita J.	Arch. Design V	3rd	7	7
Prof. Arun S.	Building Technology and Materials III	2nd	5	15
	Arch. Design V	3rd	7	
	Building Services III	3rd	3	
Prof. Abhijit B.	WORKSHOP I	1st	3	10
	Architectural Design III	2nd	7	
Prof. Deepali R.	WORKSHOP I	1st	3	18
	Architectural Design III	2nd	7	
	Building Services I	2nd	3	
	Building Technology and Materials V	3rd	5	
Prof. Swati R.	ARCHITECTURAL GRAPHICS AND DRAWING I	1st	5	16
	Architectural Design & Graphics III	2nd	7	
	Working Dwg. II	3rd	4	
Prof. Rashmi R.	WORKSHOP I	1st	3	13
	HISTORY OF ARCHITECTURE AND CULTURE II	1st	3	
	Arch. Design V	3rd	7	
Prof. Prachi Agrawal	Building Technology and Materials III	2nd	5	22
	Architectural Design & Graphics III	2nd	7	
	Building Services III	3rd	3	
	HISTORY OF ARCHITECTURE AND CULTURE IV	2nd	3	
	Landscape Architecture	3rd	4	
Prof. Chirag G.	THEORY OF STUCTURES I	1st	3	18
	Building Technology and Materials III	2nd	5	
	Theory of Structures III	2nd	3	
	Survey and leveling	2nd	4	
	Theory of Structures V	3rd	3	
Prof. Ketki A.	BASIC DESIGN	1st	7	20
	Building Construction and Materials I	1st	5	
	COMMUNICATION SKILLS	1st	3	
	ARCHITECTURAL GRAPHICS AND DRAWING I	1st	5	
Visting Faculty				
Prof. Asmita M.	BASIC DESIGN	1st	7	7
Prof. Dhanashree G.	HISTORY OF ARCHITECTURE AND CULTURE I	1st	3	3
Prof.Hrishikesh S.	Building Technology and Materials V	3rd	5	9
	Working Dwg. II	3rd	4	
Prof.Vishal Bafna	Building Construction and Materials I	1st	5	5

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Principal

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Academic Time –Table 2019-20 (1st YR.- SEM-I)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	H.O.A.-I	H.O.A.-I	H.O.A.-I	SHORT BREAK	H.O.A.-I	BASIC DESIGN	LONG BREAK	BASIC DESIGN	BASIC DESIGN
TUESDAY	B.C.M.-I	B.C.M.-I	B.C.M.-I		B.C.M.-I	A.D.G.-I		A.D.G.-I	A.D.G.-I
WEDNESDAY	BASIC DESIGN	BASIC DESIGN	BASIC DESIGN		BASIC DESIGN	BASIC DESIGN		BASIC DESIGN	BASIC DESIGN
THURSDAY	T.O.S.-I	T.O.S.-I	T.O.S.-I		A.D.G.-I	A.D.G.-I		A.D.G.-I	A.D.G.-I
FRIDAY	B.C.M.-I	B.C.M.-I	B.C.M.-I		LIB.	C.S.		C.S.	C.S.
SATURDAY 2nd & 4th	WORKSHOP-I	WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I

SUBJECT NAME	B.D.	B.C.M.-I	C.S.	A.D.G.-I	H.O.A.-I	T.O.S.-I	WORKSHOP – I
SUBJECT TEACHER	AR. ASMITA M. AR. KETKI A.	AR. VISHAL B. AR. KETKI A.	AR. KETKI A.	AR. NISHANT G. AR. SWATI R. AR. KETKI A.	AR. D. GUPTE	ER.CHIRAG G.	AR. ABHIJIT B. AR. DEEPALI R. AR. RASHMI R.

Ar. Abhijit Bhagat
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Ar.Ketki Ashtekar
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2019-20 (2ND YR.- SEM-I)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	A.D.G.-III	A.D.G.-III	A.D.G.-III	SHORT BREAK	DESIGN-III	DESIGN-III	LONG BREAK	DESIGN-III	DESIGN-III
TUESDAY	BTM-III	BTM-III	BTM-III		BTM-III	LIB.		TOS-III	TOS-III
WEDNESDAY	BTM-III	BTM-III	BTM-III		B.S.-I	B.S.-I		B.S.-I	B.S.-I
THURSDAY	DESIGN-III	DESIGN-III	DESIGN-III		DESIGN-III	DESIGN-III		DESIGN-III	DESIGN-III
FRIDAY	A.D.G.-III	A.D.G.-III	H.O.A.-II		H.O.A.-II	H.O.A.-II		TOS-III	TOS-III
SATURDAY 2nd& 4th	SURVEY/ LEVELLING	SURVEY/ LEVELLING	SURVEY/ LEVELLING		SURVEY/ LEVELLING	SURVEY/ LEVELLING		SURVEY/ LEVELLING	SURVEY/ LEVELLING

SUBJECT NAME	DESIGN-III	BTM-III	B.S.- I	ADG-III	HOA-II	TOS-III	SURVEY & L
SUBJECT TEACHER	AR. ABHIJIT B. AR. DEEPALI R.	AR. ARUN S. ER.CHIRAG G. AR. PRACHI A.	AR. DEEPALI R.	AR. NISHANT G. AR. SWATI R. AR. PRACHI A.	AR. RASHMI R.	ER.CHIRAG G.	ER.CHIRAG G.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Rashmi Rawat
Class Teacher

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Academic Time –Table 2019-20 (3RD YR.- SEM-I)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	BTM-V	BTM-V	BTM-V	SHORT BREAK	W.D.-II	W.D.-II	LONG BREAK	W.D.-II	W.D.-II
TUESDAY	TOS-V	TOS-V	LIB.		DESIGN-V	DESIGN-V		DESIGN-V	DESIGN-V
WEDNESDAY	TOS-V	TOS-V	LIB.		B.S.-III	B.S.-III		B.S.-III	B.S.-III
THURSDAY	DESIGN-V	DESIGN-V	DESIGN-V		DESIGN-V	DESIGN-V		DESIGN-V	DESIGN-V
FRIDAY	BTM-V	BTM-V	BTM-V		BTM-V	H.O.A-IV		H.O.A-IV	H.O.A-IV
SATURDAY 2nd& 4th	LANDSCAPE-I	LANDSCAPE-I	LANDSCAPE-I		LANDSCAPE-I	LANDSCAPE-I		LANDSCAPE-I	LANDSCAPE-I

SUBJECT NAME	DESIGN-V	BTM-V	W.D.-II	B.S.-III	HOA-IV	TOS-V	LANDSCAPE
SUBJECT TEACHER	AR. ANITA J. AR. ARUN S. AR. RASHMI R.	AR. HRISHIKESH S. AR. DEEPALI R.	AR. HRISHIKESH S. AR. SWATI R.	AR. ARUN S. AR. PRACHI A.	AR. PRACHI A.	ER.CHIRAG G.	AR. PRACHI A.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Prachi Agrawal
Class Teacher

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Academic Year 2019-20 (Even Sem)

Load Calculation

Name Of Faculty	Subject	Year	Subject Load	Total Load
Prof. Nishant G.	Building Technology and Materials VI	3rd	5	5
Prof. Anita J.	Building Technology and Materials VI	3rd	5	5
Prof. Arun S.	Building Technology and Materials IV	2nd	5	12
	Working Dwg. I	3rd	4	
	Building Services IV	3rd	3	
Prof. Abhijit B.	WORKSHOP II	1st	3	13
	Contemprory Architecture	3rd	3	
	Architectural Design IV	2nd	7	
Prof. Deepali R.	Building Services II	2nd	3	18
	Elective	3rd	3	
	Building Technology and Materials VI	3rd	5	
	Architectural Design IV	2nd	7	
Prof. Swati R.	BASIC DESIGN	1st	7	16
	ADG-II	1	5	
	Working Dwg. I	3rd	4	
Prof. Rashmi R.	H.O.A-II	2	3	17
	WORKSHOP II	1st	3	
	Building Technology and Materials IV	2nd	5	
	Contemprory Architecture	3rd	3	
	H.O.A-III	2	3	
Prof. Prachi Agrawal	Building Technology and Materials IV	2nd	5	12
	Building Services IV	3rd	3	
	Landscape Architecture-II	3rd	4	
Prof. Chirag G.	THEORY OF STUCTURES II	1st	3	9
	Theory of Structures IV	2nd	3	
	Theory of Structures VI	3rd	3	
Prof. Ketki A.	BASIC DESIGN	1st	7	20
	Building Construction and Materials II	1st	5	
	FUNDAMENTAL IN ARCHITECTURE	1	3	
	ADG-II	1	5	
Visting Faculty				
Prof.Hrishikesh S.	Building Technology and Materials VI	3rd	5	5
Prof.Vishal Bafna	Building Construction and Materials II	1st	5	5
Prof. Himani A.	FUNDAMENTAL IN ARCHITECTURE	1	3	9
	H.O.A-III	2	3	
	H.O.A-II	2	3	
Prof. Gayatri D.	WORKSHOP II	1st	3	3
Prof. Vishal D.	Building Services II	2nd	3	10
	Elective	3rd	3	
	Landscape Architecture-II	3rd	4	

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Academic Time –Table 2019-20 (1st YR.- IISEM)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	A.D.G-II	A.D.G-II	A.D.G-II	SHORT BREAK	A.D.G-II	A.D.G-II	LONG BREAK	A.D.G-II	LIB.
TUESDAY	H.O.A.-II	H.O.A.-II	H.O.A.-II		H.O.A.-II	LIB.		DESIGN-I	DESIGN-I
WEDNESDAY	B.C.M.-II	B.C.M.-II	B.C.M.-II		LIB.	TOS-II		TOS-II	TOS-II
THURSDAY	DESIGN-I	DESIGN-I	DESIGN-I		DESIGN-I	DESIGN-I		DESIGN-I	DESIGN-I
FRIDAY	B.C.M.-II	B.C.M.-I	B.C.M.-II		FUNDAM. OF ARCH.	FUNDAM. OF ARCH.		FUNDAM. OF ARCH.	FUNDAM. OF ARCH.
SATURDAY 2nd& 4th	WORKSHOP-II	WORKSHOP-II	WORKSHOP-II		WORKSHOP-II	WORKSHOP-II		WORKSHOP-II	WORKSHOP-II

SUBJECT NAME	A. DESIGN-I	B.C.M.-II	FUNDAMENTAL OF ARCH.	A.D.G.-II	H.O.A.-II	T.O.S.-II	WORKSHOP-II
SUBJECT TEACHER	AR. SWATI R. AR. KETKI A.	AR. VISHAL B. AR. KETKI A.	AR. KETKI A. AR. HIMANI A.	AR. SWATI R. AR. KETKI A.	AR. HIMANI A. AR. RASHMI R.	ER.CHIRAG G.	AR. ABHIJIT B. AR. GAYATRI D. AR. RASHMI R.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar.Ketki Ashtekar
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2019-20(2ND YR.- IV SEM)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	COMM. SKILL	COMM. SKILL	COMM. SKILL	SHORT BREAK	DESIGN-IV	DESIGN-IV	LONG BREAK	DESIGN-IV	DESIGN-IV
TUESDAY	W.D.- I	W.D.- I	W.D.- I		W.D.- I	W.D.- I		B.S.-II	B.S.-II
WEDNESDAY	BTM-IV	BTM-IV	BTM-IV		BTM-IV	BTM-IV		BTM-IV	BTM-IV
THURSDAY	DESIGN-IV	DESIGN-IV	DESIGN-IV		DESIGN-IV	DESIGN-IV		DESIGN-IV	DESIGN-IV
FRIDAY	H.O.A.-III	H.O.A.-III	H.O.A.-III		H.O.A.-III	LIB.		TOS-IV	TOS-IV
SATURDAY 2nd& 4th	B.S.-II	B.S.-II	B.S.-II		B.S.-II	LIB.		TOS-IV	TOS-IV

SUBJECT NAME	DESIGN-IV	BTM-IV	B.S.- II	W.D.-I	HOA-III	TOS-IV	COMM. SKILL
SUBJECT TEACHER	AR. ABHIJIT B. AR. DEEPALI R.	AR. ARUN S. AR. PRACHI A.	AR. VISHAL D. AR. DEEPALI R.	AR. ARUN S. AR. SWATI R.	AR. RASHMI R. AR. HIMANI A.	ER.CHIRAG G.	AR. ABHIJIT B. AR. HIMANI A.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Rashmi Rawat
Class Teacher

Ar. Anita Joshi
Principal

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Academic Time –Table 2019-20 (3RD YR.- VI SEM)

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	B.S.-IV	B.S.-IV	LIB.	SHORT BREAK	DESIGN-VI	DESIGN-VI	LONG BREAK	DESIGN-VI	DESIGN-VI
TUESDAY	C.A.	C.A.	TOS-VI		TOS-VI	TOS-VI		B.S.-IV	B.S.-IV
WEDNESDAY	C.A.	C.A.	LIB.		LIB.	ELECTIVE		ELECTIVE	ELECTIVE
THURSDAY	DESIGN-VI	DESIGN-VI	DESIGN-VI		DESIGN-VI	DESIGN-VI		DESIGN-VI	DESIGN-VI
FRIDAY	BTM-VI	BTM-VI	BTM-VI		BTM-VI	BTM-VI		BTM-VI	BTM-VI
SATURDAY 2nd& 4th	LANDSCAPE-II	LANDSCAPE-II	LANDSCAPE-II		LANDSCAPE-II	LANDSCAPE-II		LANDSCAPE-II	LANDSCAPE-II

SUBJECT NAME	DESIGN-VI	BTM-VI	ELECTIVE	B.S.-IV	CONTEM. ARCHI.	TOS-VI	LANDSCAPE-II
SUBJECT TEACHER	AR. ANITA J. AR. NISHANT G. AR. RASHMI R.	AR. HRISHIKESH S. AR. DEEPALI R.	AR. VISHAL D. AR. DEEPALI R.	AR. ARUN S. AR. PRACHI A.	AR. ABHIJIT B. AR. RASHMI R.	ER.CHIRAG G.	AR. VISHAL D. AR. PRACHI A.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Prachi Agrawal
Class Teacher

Ar. Anita Joshi
Principal

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D) Institute Time table and Teaching Load details

1. AY- 2018-2019

- **Time Table - Sem-I & SEM-II**
- **Teachers Teaching Load**

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Academic Time –Table 2018-19 (1ST YR.) Sem-1				
Load Calculation				
Sr.No.	**Name Of Faculty**	**Subject**	**Subject Load**	**Total Load**
1	Prof. Nishant G.	ADG-I	7	18
		Design-III	11	
2	Prof. Abhijeet B.	I.T.A.	3	17
		Design-III	11	
		WORKSHOP I	3	
3	Prof. Deepali R.	BTM-I	7	25
		WORKSHOP I	3	
		Design-III	11	
		B.S.-I	4	
4	Prof. Swati R.	DESIGN-I	11	26
		ADG-I	7	
		ADG-III	5	
		HOA-II	3	
5	Prof. Chirag G.	TOS-I	3	14
		TOS-II	3	
		Servey	3	
		BTM-III	5	
6	Prof. Prashant P.	I.T.A.	3	7
		B.S.-I	4	
Visting Faculty				
8	Prof. Asmita M.	DESIGN-I	11	11
9	Prof. Dhanashree G.	Humanities	3	3
10	Prof.Vishal Deshmukh	BTM-III	5	5
11	Prof.Vishal Bafna	BTM-I	7	7
12	Prof.Aniket S.	Humanities	3	6
		HOA-II	3	

Academic Co-ordinator

Principal Sign

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Academic Time –Table 2018-19 (1st YR.) Sem-1

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	HUMANITIES	HUMANITIES	HUMANITIES	SHORT BREAK	DESIGN-I	DESIGN-I	LONG BREAK	DESIGN-I	DESIGN-I
TUESDAY	ADG-I	ADG-I	ADG-I		BTM-I	BTM-I		BTM-I	BTM-I
WEDNESDAY	I.T.A.	I.T.A.	I.T.A.		TOS-I	TOS-I		TOS-I	LIB.
THURSDAY	ADG-I	ADG-I	ADG-I		ADG-I	BTM-I		BTM-I	BTM-I
FRIDAY	DESIGN-I	DESIGN-I	DESIGN-I		DESIGN-I	DESIGN-I		DESIGN-I	DESIGN-I
SATURDAY 2nd & 4th	WORKSHOP-I	WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I

SUBJECT NAME	DESIGN-I	BTM-I	I.T.A.	ADG-I	HUMANITIES	TOS-I	WORKSHOP
SUBJECT TEACHER	AR.ASMITA M. AR. SWATI R.	AR. VISHAL B. AR. DEEPALI R.	AR. ABHIJIT B. AR. PRASHANT P.	AR. SWATI R. AR. NISHANT G.	AR. D. GUPTE AR. ANIKET S.	ER.CHIRAG G.	AR. ABHIJIT B. AR. DEEPALI R.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Swati Rode
Class Teacher

Ar. Nishant Gawande
Principal

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Academic Time –Table 2018-19 (1ST YR.) Sem-2				
Load Calculation				
Sr.No.	**Name Of Faculty**	**Subject**	**Subject Load**	**Total Load**
1	Prof. Nishant G.	ADG-II	7	18
		Design-IV	11	
2	Prof. Abhijeet B.	I.T.A.	3	24
		Design-IV	11	
		W.D-I	4	
		TECH. COMMU.	3	
		WORKSHOP II	3	
3	Prof. Deepali R.	BTM-III	7	28
		WORKSHOP II	3	
		Design-IV	11	
		Climatology	3	
		B.S.-II	4	
4	Prof. Swati R.	Design-II	11	25
		ADG-II	7	
		W.D-I	4	
		HOA-III	3	
5	Prof. Chirag G.	TOS-IV	3	14
		TOS-II	3	
		Servey	3	
		BTM-IV	5	
6	Prof. Prashant P.	I.T.A.	3	13
		Climatology	3	
		TECH. COMMU.	3	
		B.S.-II	4	
Visting Faculty				
7	Prof. Asmita M.	DESIGN-II	11	11
8	Prof. Dhanashree G.	HOA-I	3	3
9	Prof.Vishal Deshmukh	BTM-IV	5	5
10	Prof.Vishal Bafna	BTM-III	7	7
11	Prof.Aniket S.	HOA-I	3	6
		HOA-III	3	

Academic Co-ordinator

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Academic Time –Table 2018-19 (2ND YR.) Sem-1

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	HOA-II	HOA-II	HOA-II	SHORT BREAK	DESIGN-III	DESIGN-III	LONG BREAK	DESIGN-III	DESIGN-III
TUESDAY	BTM-III	BTM-III	BTM-III		BTM-III	TOS-III		TOS-III	TOS-III
WEDNESDAY	ADG-III	ADG-III	ADG-III		ADG-III	ADG-III		B.S.- I	B.S.- I
THURSDAY	BTM-III	BTM-III	BTM-III		B.S.- I	B.S.- I		LIB.	LIB.
FRIDAY	DESIGN-III	DESIGN-III	DESIGN-III		DESIGN-III	DESIGN-III		DESIGN-III	DESIGN-III
SATURDAY 2nd & 4th	SURVEY & L.	SURVEY & L.	SURVEY & L.		SURVEY & L.	SURVEY & L.		SURVEY & L.	SURVEY & L.

SUBJECT NAME	DESIGN-III	BTM-III	B.S.- I	ADG-III	HOA-II	TOS-II	SURVEY & L
SUBJECT TEACHER	AR. ABHIJIT B. AR. DEEPALI R. AR. NISHANT G.	AR. VISHAL D. ER.CHIRAG G.	AR. DEEPALI R. AR. PRASHANT P.	AR. NISHANT G. AR. SWATI R.	AR. SWATI R. AR. ANIKET S.	ER.CHIRAG G.	ER.CHIRAG G.

Ar. Abhijit Bhagat
Academic Co-Ordinator

Ar. Deepali Randhe
Class Teacher

Ar. Nishant Gawande
Principal

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D) Institute Time table and Teaching Load details

1. AY- 2017-2018

- Time Table - Sem-I & SEM-II
- Teachers Teaching Load

PDEA College of Architecture Akurdi, Pune-44

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Academic Time –Table 2017-18 (1ST YR.) Sem-1				
Load Calculation				
Sr.No.	**Name Of Faculty**	**Subject**	**Subject Load**	**Total Load**
1	Prof. ASMITA T.	DESIGN-I	10	10
2	Prof. Deepti Soni	WORKSHOP I	3	6
		I.T.A.	3	
3	Ms. Namrata K.	DESIGN-I	10	17
		Humanities	3	
		ADG-I	7	
4	Prof. Prashant P.	DESIGN-I	10	27
		BTM-I	7	
		I.T.A.	3	
		ADG-I	7	
5	Prof. Abhishek D.	BTM-I	7	7
6	Prof. Chirag G.	TOS-I	3	10
		BTM-I	7	
Visting Faculty				
7	Prof. Dhanashree G.	Humanities	3	3
8	Prof.Manasi D.	WORKSHOP I	3	3

Principal Sign

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Academic Time –Table 2017-18 (1ST YR.) Sem-1

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	TOS-I	DESIGN-I	DESIGN-I	SHORT BREAK	DESIGN-I	DESIGN-I	LONG BREAK	DESIGN-I	DESIGN-I
TUESDAY	I.T.A.	I.T.A.	I.T.A.		HUMANITIES	HUMANITIES		HUMANITIES	LIB.
WEDNESDAY	BTM-I	BTM-I	BTM-I		BTM-I	BTM-I		BTM-I	BTM-I
THURSDAY	ADG-I	ADG-I	ADG-I		ADG-I	ADG-I		ADG-I	ADG-I
FRIDAY	TOS-I	TOS-I	DESIGN-I		DESIGN-I	DESIGN-I		DESIGN-I	LIB.
SATURDAY 2nd & 4th	WORKSHOP-I	WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I

SUBJECT NAME	DESIGN-I	BTM-I	I.T.A.	ADG-I	HUMANITIES	TOS-I	WORKSHOP I
SUBJECT TEACHER	AR.ASMITA M. AR. NAMRATA K. AR. PRASHANT P.	AR. ABHISHEK D. AR. PRASHANT P. ER.CHIRAG G.	AR. DEEPTI SONI AR. PRASHANT P.	AR. NAMRATA K. AR. PRASHANT P.	AR. D. GUPTE AR. NAMRATA K.	ER.CHIRAG G.	AR. DEEPTI SONI AR. MANASI D.

Ar. Prashant P.

Class Teacher

Ar. Asmita Tolmare

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Academic Time –Table 2017-18 (1ST YR.) Sem-2				
Load Calculation				
Sr.No.	**Name Of Faculty**	**Subject**	**Subject Load**	**Total Load**
1	Prof. ASMITA T.	DESIGN-II	10	10
2	Ms. Namrata K.	DESIGN-II	10	17
		HOA-I	3	
		ADG-II	7	
3	Prof. Deepti Soni	WORKSHOP II	3	6
		CLIMATOLOGY	3	
4	Prof. Prashant P.	DESIGN-II	10	27
		BTM-II	7	
		CLIMATOLOGY	3	
		ADG-II	7	
5	Prof. Abhishek D.	BTM-II	7	7
6	Prof. Chirag G.	TOS-II	3	10
		BTM-II	7	
	Visting Faculty			
7	Prof. Dhanashree G.	HOA-I	3	3
8	Prof.Manasi D.	WORKSHOP II	3	3

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Academic Time –Table 2017-18 (1st YR.) Sem-2

Day/Time	8.00-8.45	8.45-9.30	9.30-10.15	10.15-10.30	10.30-11.15	11.15-12.00	12.00-12.45	12.45-1.30	1.30-2.15
MONDAY	HOA-I	HOA-I	HOA-I	SHORT BREAK	A.DESIGN-II	A.DESIGN-II	LONG BREAK	A.DESIGN-II	A.DESIGN-II
TUESDAY	BTM-II	BTM-II	BTM-II		BTM-II	ADG-II		ADG-II	ADG-II
WEDNESDAY	CLIMO.	CLIMO.	CLIMO.		TOS-IV	TOS-IV		TOS-IV	TOS-IV
THURSDAY	BTM-II	BTM-II	BTM-II		ADG-II	ADG-II		ADG-II	ADG-II
FRIDAY	A.DESIGN-II	A.DESIGN-II	A.DESIGN-II		A.DESIGN-II	A.DESIGN-II		A.DESIGN-II	LIB.
SATURDAY 2nd & 4th	WORKSHOP-I	WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I		WORKSHOP-I	WORKSHOP-I

SUBJECT NAME	DESIGN-II	BTM-II	CLIMATOLOGY	ADG-II	HOA-II	TOS-II	WORKSHOP-II
SUBJECT TEACHER	AR. ASMITA M. AR. NAMRATA K. AR. PRASHANT P.	AR. ABHISHEK D. AR. PRASHANT P. ER.CHIRAG G.	AR. DEEPTI SONI AR. PRASHANT P.	AR. NAMRATA K. AR. PRASHANT P.	AR. D. GUPTE AR. NAMRATA K.	ER.CHIRAG G.	AR. DEEPTI SONI AR. MANASI D.

Ar. Prashant P.

Class Teacher

Ar. Asmita Tolmare

Principal

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E) TEACHTNG PLAN- SAMPLES

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's

College of Architecture, (Akurdi) Pune

Teaching Plan

Class :	4th Year	**Academic Year: 2021-2022**	
Subject :	Advanced Building Technology and Services II	Subject Code:	4201563 [SV]
Subject Teacher :	Prof. Prashant G, Prof. Pooja K and Prof. Arun S		

Teaching Scheme:	Lectures: 3		Studio:4	7
Examination Scheme:	Sessional (Internal)-	75	Viva (Internal)-	25
	Sessional (External) -	75	Viva (External)	25
	Total Marks-	200	Total Credits-	5

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
	January				
1.	Introduction to the syllabus **Unit 1-** Auditoriums (Floor Plans and Sections)	05/01/2022	05/01/2022	Gadre	
2.	**Unit 1-** Guest Lecture on Services Calculations. Fire Fighting Layout for Auditoriums	12/01/2022	12/01/2022	Gadre	
3.	**Unit 1-**Acoustical calculations and Layout for Auditoriums	18/01/2022	19/01/2022	Gadre	
	February				
4.	**Unit 1-** HVAC calculations and Layout for Auditoriums	02/02/2022	02/02/2022	Gadre	
5.	**Unit 2-** Construction Details of Architectural features Canopy Details	090/2/2022	09/02/2022	Gadre	
6.	**Unit 2-** Construction Details of Architectural features Façade and Fabrication Details	16/02/2022	16/02/2022	Gadre.	
7.	**Unit 2-** Construction Details of Architectural features Detail of any one feature of choice	23/02/2022	230/2/2022	Gadre	
	March				
8.	**Unit 3-** Introduction to High Rise Buildings	02/03/2022	02/03/2022	Gadre	

9.	**Unit 3-** Guest Lecture for structural systems in High rise buildings.	09/03/2022	09/03/2022	Gadre	
10.	**Unit 3-** Literature survey and case study for High rise building.	16/03/2022	16/03/2022	Gadre	
11.	**Unit 3-** Introduction to service details- Elevators and Escalators in high rise buildings.	23/03/2022	23/03/2022	Gadre	
12.	**Unit 4-** Introduction to curtain walls and its literature survey	30/03/2022	30/03/2022	Gadre	
April					
13.	**Unit 4-** Case study for curtain walls	06/04/2022	06/04/2022	Gadre	
14.	**Unit 4-** Framing systems and construction details for curtain walls	13/04/2022	13/04/2022	Gadre	
15.	**Unit 4-** Framing systems and construction details for curtain walls	20/04/2022	20/04/2022	Gadre	
16.	Final Submission	27/04/2022	27/04/2022	Gadre	

Subject Teacher

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Teaching Plan

Class :	3rd Year	Academic Year: 2021-2022	
Subject :	Elective I [Contemporary Architecture]	Subject Code:	3201940 [SS]
Subject Teacher :	Prof.Abhijit B. and Prof. Rashmi R.		

Teaching Scheme:	Lectures: 1	-	Studio:2	3
Examination Scheme:	Sessional(Internal)- Sessional (External)	50 50	Insem: End sem:	- -
	Total Marks-	100	Total Credits-	02

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
	June				
1.	Introduction to syllabus & Contemporary Architecture	18/06/2021	18/06/21	Rashmi..	
2.	Introduction of Assignment – Post Modernism and Movement_ Literature review.	25/06/2021	25/6/21	Rashmi..	
	July				
3.	Data Collection	02/07/2021	2/7/21		
4.	Presentation	09/07/2021	9/7/21		
5.	Introduction of Assignment – Post Modernism and Movement_ Case Study PPT.	16/07/2021	16/7/21	Rashmi..	
6.	Data Collection	23/07/2021	23/7/21		
7.	Data Collection	30/07/2021	30/7/21	Rashmi..	
	August				
8.	Discussion on PPT	06/08/2021	6/8/21	Rashmi..	
9.	Discussion on PPT	13/08/2021	13/8/21	Rashmi..	
10.	Presentation on Post 2000 CE Trends	20/08/2021	20/8/21		
11.	Introduction of Assignment	27/08/2021	27/8/21		
	September				
12.	Discussion	03/09/2021	3/9/21	Rashmi..	
13.	Pre-Final Submission	17/09/2021	17/9/21	Rashmi..	
14.	Introduction to unit 3	24/09/2021	24/9/21		
	October				
15.	Discussion & Student Presentation	01/10/2021	1/10/21	Rashmi..	

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16.	Introduction to Assignment 4 – Poster Making	08/10/2021	8/10/21	Rashmi..	
17.	Discussion on Assignment	22/10/2021	22/10/21	Rashmi..	
18.	Introduction to Assignment 5– Essay on Trends and Material.	29/10/2021	29/10/21	Rashmi..	
November					
19.	Submission of Assignment 5	12/11/2021	12/11/21		
20.	Final Submission for pre-final marking.	26/11/2021	26/11/21		
December					
21.	Final Submission	03/12/2021	3/12/21	Rashmi..	

Rashmi..
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Teaching Plan

Class :	2nd Year	**Academic Year: 2021-2022**	
Subject :	History of Architecture & Culture III	Subject Code:	1201902 [T] & 1201903 [SV]
Subject Teacher :	Prof. Pooja Kudale & Prof. Aniket Shedge		

Teaching Scheme:	Lectures: 1		Studio:2	3
Examination Scheme:	Sessional(Internal)- Sessional (External)	25 25	Insem: End sem:	00 00
	Total Marks-	50	Total Credits-	2

Lecture No	Topic to be Covered	Date Plan	Date Actual	Faculty Sign	H.O.D. Sign
	August				
1.	**GREEK ARCHITECTURE** Introduction Palace of King Knossos, Crete The Classical Order Temples, Acropolis, Parthenon, Erichtheon etc. Urban Architecture – Agora, Athens	25/08/2021	25/08/2021	Pooja.	
	September				
2.	**ROMAN ARCHITECTURE** Introduction, Domestic Architecture, Temple of Pantheon, Tranjan – Basilica	01/09/2021	02/09/2021	Pooja.	
3.	**ROMAN ARCHITECTURE** Thermae of Caracalla, Rome Coliseum, Rome Circus Maximus	08/09/2021	10/09/2021	Pooja.	
4.	**Submission of Unit 1 & 2**	15/09/2021	15/09/2021	Pooja.	
5.	**EARLY CHRISTIAN BYZANTINE** Introduction, Architectural Character, Basilica of St. Peters	22/09/2021	23/09/2021	Aniket.	
6.	**EARLY CHRISTIAN BYZANTINE** Byzantine Architectural Character, Hagia Sophia, Istanbul	29/09/2021	30/09/2021	Pooja.	
	October				
7.	**ROMANESQUE ARCHITECTURE** Architectural Character of Romanesque, Typical Romanesque Church, Pisa Complex (Baptistery, Campanile, Cathedral)	06/10/2021	06/10/2021	Aniket	
8.	**ROMANESQUE ARCHITECTURE** Central Rome, Worms Cathedral, S.Michele Pavia.	13/10/2021	15/10/2021	Aniket	

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9.	**Submission of Unit 3 & 4**	20/10/2021	20/10/2021	Aniketa	
10.	**GOTHIC ARCHITECTURE** Architectural Character and Details, Reims Cathedral, Gothic British Isles.	27/10/2021	29/10/2021	Aniketa	
	November				
11.	**GOTHIC ARCHITECTURE** Parish Church, Chateau Castles, Stokesay Castles, Manor House.	10/11/2021	10/11/2021	Pooja	
12.	**RENAISSANCE ARCHITECTURE** Introduction, Early Renaissance – Florence, High Renaissance – Palazzo Genoa, Doges Palace, Venice St. Peters Cathedral, Rome Berini Piazza Renaissance in France	17/11/2021	19/11/2021	Pooja	
13.	**RENAISSANCE ARCHITECTURE** Chateau de Chambord Dome of Invalides, Paris Pantheon Paris Capitol Complex, Rome Villa Capra at Vicenza Greenwich Hospital St. Pauls Cathedral, London	24/11/2021	26/11/2021	Aniketa	
	December				
14.	**Pre-Final Submission**	01/12/2021	03/12/2021	Pooja	
15.	**Final Submission**	08/12/2021	08/12/2021	Aniketa	

Pooja
Aniketa

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Teaching Plan

Class :	1st Year	**Academic Year: 2021-2022**	
Subject :	History of Architecture and Culture II	Subject Code:	1201914 [SS]
Subject Teacher :	Prof.Rashmi R and Prof. Aniket S		

Teaching Scheme:	Lectures: 1		Studio:2	3
Examination Scheme:	Sessional(Internal)- Sessional (External)	25 25	Insem: End sem:	NIL NIL
	Total Marks-	50	Total Credits-	2

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
	April				
1.	Introduction to the syllabus and course objectives.	04/04/2022	04/04/2022		
2.	Unit 1- Islamic principles of architectural form, ornament and meaning. Sheets 2- Mosque typology, Features of Mosque.	11/04.2022	11/04.2022		
3.	Unit 1- Architecture under the Delhi Sultanate- Slave and Khilji dynasties.	18/04/2022	18/04/2022		
4.	Unit 1- Architecture under the Delhi Sultanate- Tughlaq, Sayyid and Lodi dynasties.	25/04/2022	25/04/2022		
	May				
5.	Unit 2- Islamic architecture of Bengal and Malwa	2/5/2022	2/5/2022		
6.	Unit 2- Islamic architecture of Gujarat (Gujarat provincial style)	9/5/2022	9/5/2022		
7.	Unit 3- Mughal architecture (Babur, Humayun and Akbar)	23/5/2022	23/5/2022		
8.	Unit 3- Mughal architecture (Jahangir, Shahjahan and Aurangzeb)	30/5/2022	30/5/2022		
	June				
9.	Unit 4- Post Mughal architecture of India	06/06/2022	06/06/2022		
10.	Unit 5- Development of architecture in the Deccan since the 12th AD	13/06/2022	13/06/2022		

	(Gulbarga, Bidar and Golkonda)				
11.	Unit 5- Development of architecture in the Deccan since the 12th AD (Bijapur)	20/06/2022	20/06/2022		
12.	Unit 6- Architecture of the Peshwa region and Western Maharashtra (Background- Political)	27/06/2022	27/06/2022		
July					
13.	Unit 6- Architecture of the Peshwa region and Western Maharashtra (Architecture)	4/07/2022	4/07/2022		
14.	Site Visit- Omkareshwar Temple, Pune	11/07/2022	11/07/2022		
15.	Final Submission	18/07/2022	18/07/2022		

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Teaching Plan

Class :	1st Year	**Academic Year: 2021-2022**	
Subject :	Building Construction and Material I	Subject Code:	1201902 [T] & 1201903 [SV]
Subject Teacher :	Prof.Vishal Bafna		

Teaching Scheme:	Lectures: 2		Studio:3	5
Examination Scheme:	Sessional(Internal)- Sessional (External)	50 50	Insem: End sem:	30 70
	Total Marks-	200	Total Credits-	7

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
	December				
1.	Introduction to BCM I –	14/12/2021	14/12/2021	VB	
2.	Introduction to Building Elements	21/12/2021	21/12/2021	VB	
3.	Assignment	28/12/2021	28/12/2021	VB	
4.	Introduction to building materials for Load Bearing Structure	4/01/2022	4/01/2022	VB	
	January, February				
5.	Various pointing and plastering techniques	11/01/2022	11/01/2022	VB	
6.	Strip Foundations suitable for load bearing structures- Stone	18/01/2022	18/01/2022	VB	
7.	Strip Foundations suitable for load bearing structures- Brick	25/01/2022	25/01/2022	VB	
8.	DPC-- Introduction to various tools and equipment	1/02/2022	1/02/2022	VB	
9.	Load bearing- Stone, bricks, concrete blocks, soil stabilized blocks, rammed earth construction- Sheet 1	8/02/2022	8/02/2022	VB	
	February, March				
10.	non load bearing masonry construction- Sheet 2	15/02/2022	15/02/2022	VB	
11.	non load bearing masonry construction- Sheet 3	22/02/2022	22/02/2022	VB	
12.	Types of arches and lintels- Sheet 1	8/03/2022	8/03/2022	VB	
13.	Types of arches and lintels- Sheet 2	18/03/2022	18/03/2022	VB	
14.	Final Submission	22/03/2022	22/03/2022	VB	

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Teaching Plan

Class :	**Second Year**	**Academic Year: 2020-21**	
Subject :	Architectural Design III	Subject Code:	2201926 [SV]
Subject Teacher :	01. Ar. Swati Rode		

Teaching Scheme:	Lectures:	01	Studio:	06
Examination Scheme:	Sessional(Internal)-	125	Sessional (External):	125
	Total Marks-	250	Total Credits-	10

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
	January				
1.	Syllabus discussion	12 Jan 22	12 Jan 22		
2.	Design problem discussion	15 Jan 22	15 Jan 22		
3.	Case study requirements discussion	19 Jan 22	19 Jan 22		
4.	Case study presentation	25 Jan 22	25 Jan 22		
	February				
5.	Case study presentation	01 Feb 22	01 Feb 22		
6.	Presentation on Resort	05 Feb 22	05 Feb 22		
7.	Data collection discussion	09 Feb 22	09 Feb 22		
8.	Concept development discussion	26 Feb 22	26 Feb 22		
	March				
9.	Submission up to concept development	02 Mar 22	02 Mar 22		
10.	Site Plan Discussion	05 Mar 22	05 Mar 22		
11.	Sections, Elevation Discussion finalisation	15 Mar 22	15 Mar 22		
12.	Final views	26 Mar 22	26 Mar 22		
13.	Rendering discussion	30 Mar 22	30 Mar 22		
	April				
14.	Give corrections if needed	06 April 22	06 April 22		
15.	Final portfolio and Final model submission	13 April 22	13 April 22		

Subject Teacher

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Teaching Plan

Class :	**1nd year**	**Academic Year: 2018-18 (Semester –III)**	
Subject :	Architectural Graphics & Graphics- I	Subject Code:	1201905 [SS]
Subject Teacher :	Ar. Swati Rode & Ar. Aniket Shendge		

Teaching Scheme:	Lectures:	1	Studio:	4
Examination Scheme:	Sessional(Internal)-	50	Sessional (External):	50
	Total Marks-	100	Total Credits-	3

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
1.	INTRODUCTION To various drawing instruments & methods of employing them for technical drawing & sketching. 1 Problem (Use of Instruments) - Sheet no-01 Assignment –sketches every day.	10/02/2021			
2.	Submission of sheet-01 INTRODUCTION TO GRAPHICS LANGUAGE & ITS COMPONENTS Line types , lettering ,dimension techniques , Annotation, graphic scale & their application.	17/02/21	19/02/21		
3.	1 Problem (Line Types) -Sheet no-02	24/02/21			
4.	2 Problem (Lettering)- Sheet no-03 Submission of sheet no-02,03	03/03/21			
5.	(Submission of sheet no-02,03) Lettering) - Sheet no-04, Annotation ,sheet no-05	10/03/21	12/21		
6.	(Submission of sheet no-04,05)Plane (two dimensional) and Solid (three dimensional) geometry -06 ,07	17/03/21			
7.	Submission of sheet no -06,07 Sketching Programme	24/03/21			
8.	Introduction Orthographic, Isometric and Axonometric projections & Assignment -08	31/03/21			
9.	(Submission of sheet no – 08) Introduction – Measured Drawing	17/04/21			
10.	Lecture on how to draw section ,Elevation & Plan	14/04/21	16/21		
11.	Measure Drawing introduction	21/04/21			
12.	Sheets Requirement discussion	28/04/21			
13.	Measure Drawing submission minimum 3 sheets	05/05/21	06/21		

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14.	Portfolio Submission	12/05/21			
15.	Checking of Portfolio and corrections given	19/05/21			
16.	Final Portfolio Submission.	26/05/21			

Ar. Swati Rode
& Ar. Aniket Shendge

Subject Teacher

Ar. Abhijit Bhagat

Academic Coordinator

Ar. Nishant Gawande

Principal

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Teaching Plan

Class :	**4th year**	**Academic Year: 2020-2021**	
Subject :	Professional Practise	Subject Code:	
Subject Teacher :	Abhijit Bhagat		

Teaching Scheme:	Lectures:	01	Studio:	-----
Examination Scheme:	Sessional(Internal)-		Sessional (External):	-----
	Total Marks-	70+30=100	Total Credits-	

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
January					
1.	Introduction to subject	13 jan	14 Jan		
2.	Unit -1	20 jan	21 Jan		
3.	Unit -1	27 jan	26 Jan		
February					
4.	Unit -2	10 Feb	11 Feb		
5.	Unit -2	17 Feb	19 feb		
6.	Unit -3	24 Feb	26 feb		
March					
7.	Unit -3	03 Mar	6 march		
8.	Unit -4	10 Mar	12 march		
9.	Unit -4	17 Mar	19 march		
10.	Unit -5	24 Mar	26 march		
11.	Unit -5	31 Mar	30 march		
April					
12.	Test	07 Apr	08 April		

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Teaching Plan

Academic Year: 2020-2021

Class :	**FIRST YEAR**	**(Semester – I)**	
Subject :	**WORKSHOP I**	**Subject Code:**	**1201908 [SS]**
Subject Teacher :	**1. AR. ABHIJIT BHAGAT**	**2. AR.POOJA KUDALE**	

Teaching Scheme:	Lectures:	01	Studio:	02
Examination Scheme:	Sessional (Internal)	50	Sessional (External):	50
	Total Marks-	100	Total Credits-	02

Lect. No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
FEBRUARY					
01	Introduction	13 Feb	16 feb		
02	Surface Model making with card board	27 Feb	29 feb		
MARCH					
03	Composition	13 march	14 march		
04	Surface development-Cut & paste method	27 march	27 march		
APRIL					
05	Craving in Oasis Bricks	10 April	12 April		
06	Model of Types of Bricks	24 April	26 April		
MAY					
07	Model of Types of Bonds	8 May	9 may		
08	Pre final Submission	22 May	24 may		

1. Subject Teacher: Ar Abhijit Bhagat

2. Subject Teacher: Ar Pooja Kudale

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Teaching Plan

Sem I

Class :	3rd year	**Academic Year:**	2019 - 2020
Subject :	History IV	Subject Code:	
Subject Teacher :	Prachi Agrawal		

Teaching Scheme:	Lectures:		Studio:	
Examination Scheme:	Sessional(Internal)-		Sessional (External):	
	Total Marks-		Total Credits-	

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Plan	Actual		
Journal 1.	Introduction / steel and glass as a new material	18/06/19			
sketches 2.	Arts and crafts / Art Nouveau.	25/06/19			
Journal 3.	stylistic explorations. Modernism and international	2/07/19			
4.	influences like various manifestoes, congresses writings, Bauhaus.	9/07/19			
sheet 5.	Influential Designers	16/07/19			
sheet 6.	—— // ——	23/07/19			
sheet 7.	—— // ——	30/07/19			
sheet 8.	Development of high rise —— // ——	6/08/19			

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sheet	9.	Influential Designers.	13/09/19			
Journel sketches	10.	colonial architecture	20/09/19			
Journel sketches	11.	search for national idiom.	27/09/19			
Journel	12.	Indian Modernists	3/09/19			
sketches	13.	Influence of Indian works of	17/09/19			
	14.	international architects Model + work completion	24/09/19			
	15.	model + work completion	1/10/19			
	16.	model + work completion	5/10/19			
	17.					
	18.					
	19					
	20.					
	21.					

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Teaching Plan BTM 17-18

SR NO	Name	Dates	Perticulers	Remark
1	unit -I	[redacted]	Unit-1: Introduction to various elements of building from foundation to roof.	
		[redacted]	Unit-1: Introduction to various elements of building from foundation to roof.	
2	unit -II	[redacted]	Unit-2: 2.1 Principles of load bearing construction.	
		[redacted]	Unit-2: 2.1 Principles of load bearing construction.	
		[redacted]	Unit-2: 2.2 Introduction to various building materials which are commonly used in load bearing construction	
		[redacted]	Unit-2: 2.2 Introduction to various building materials which are commonly used in load bearing construction	
		[redacted]	Submission	
3	unit -III	[redacted]	Unit-3: 3.1 Different types of soils and bearing capacity, concept of bulb of pressure.	
		[redacted]	Diwali Holiday	
		[redacted]	Unit-3: 3.2 Plinth formation, DPC.	
4	unit -IV	[redacted]	Unit 4 4.1 Load bearing and non- load bearing masonry construction using various masonry materials, various types of masonry walls and bonds.	
		[redacted]	Unit 4 4.2 Study of types of arches and lintels, principles and terminology of arch construction, spanning of openings using brick and stone arches and lintels.	
5	unit -V	[redacted]	Unit 5 Various pointing and plastering techniques and their processes.	
		[redacted]	Unit 6 Introduction to types of earthquakes and earthquake resistant measures for load bearing construction.	
6	unit -VI	[redacted]	Unit 6 Introduction to types of earthquakes and earthquake resistant measures for load bearing construction.	
		[redacted]	Submission	

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(Ar. Prashant Patil)
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Teaching Plan

Class :			
Subject :	HISTORY OF ARCHITECTURE I	Subject Code:	120154
Subject Teacher :	DHANASHREE GUPTE		

Acad. Year: 2017-18 (Semester –II)

Teaching Scheme:	Lectures:	2 Per week	Studio:	1 Per week
Examination Scheme:	Sessional(Internal)-	25	Sessional (External):	25
	Total Marks-	50	Total Credits-	2

Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Planned	Actual		
1	Introduction to syllabus (discussion on various architectural structures in different civilizations)	12 Jan	12 Jan		
2	(Made Groups for Presentation) Data collection in Groups for making PPT.	18 Jan ~~25 Jan~~	18 Jan		
3	Discussion on data collection on various civilization for PPT	25 Jan	25 Jan		
4	PPT by Students on ① Mesoptamian ② Indus valley civiliz in groups. inputs by faculty	1 Feb ~~8 Feb~~			

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Lecture No	Topic to be Covered	Date		Faculty Sign	H.O.D. Sign
		Planned	Actual		
5	PPT on Ancient China	Feb 8	8 Feb		
	PPT on Egyptian civilization		22 Feb		
	inputs by faculty.				
6	Sheets making	Feb 15	15 Feb		
		Feb 22			
	PPT on Mediterenean region by faculty	March 1			
	(Model making in individual groups)	March 8			
7	Continue model making				
	Sheet sub^{n} & Journal sub^{n}	15 March.			
	Continue model making &	22 March.			
8	Pre Final Submn Sheets & hardcopy PPT –	April 5			
	Journals. –	April 12			
	with models.				
	Final Submission	April 19			

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RECOMMENDED READINGS

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Academic Year - 2017-18 **Year of study:** 1st year B.Arch.

Subject: Humanities

Teachers: Ar.Dhanashree Gupte and Ar.Namrata Kulkarni

TOTAL PERIODS PER WEEK - (LECTURES = 2, STUDIO - 1) SESSIONAL (INTERNAL) - 25M
(TOTAL MARKS - 50M) SESSIONAL SESSIONAL (EXTERNAL) - 25M.

1.0 Subject Outline

1. To introduce disciplines of study such as anthropology, sociology,linguistics,philosophy, history, political science and understanding their connection with understanding of architecture
2. To introduce the students to the aspects of human society, civilization and culture.

2.0 Objectives for Students

1. To study Humanities and its importance in understanding of human settlements and architecture

3.0 Schedule of Lectures/ studios

Week	Date	Details of the Topic	Lecture / Studio conducted by:	Introduction of Assignments/ Important notes	Submissions:
Week 1	29-8-17	Introduction to the syllabus(subject), Introduction to evolution of life, Big Bang theory	DNG/ NMK	4nos.A3 sheets- select 3 historic structures and analyse it to their undrstanding	
Week 2	05-9-17	Evolution of Human Being, study of philosophers	DNG/ NMK	Selection of philosopher and analysis of one of its work- 2nos A3 sheets	4nos.A3 sheets- select 3 historic structures and analyse it to their undrstanding
Week 3	12-9-17	Study and understanding of civilizations with its socioeconomic and political conditions- mesopotamian	DNG/ NMK	Notes in journal and a sheet on Mesopotamian civilisation	Selection of philosopher and analysis of one of its work- 2nos A3 sheets
Week 4	19-9-17	Study and understanding of civilizations with its socioeconomic and political conditions- Egyptian	DNG/ NMK	Notes in journal and a sheet on Egyptian civilisation	Notes in journal and a sheet on Mesopotamia n civilisation
Week 5	26-9-17	Study and understanding of civilizations with its socioeconomic and political conditions- Indus Valley	DNG/ NMK	Notes in journal and a sheet on Indus Valley civilisation	Notes in journal and a sheet on Egyptian civilisation

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Week	Date	Details of the Topic	Lecture / Studio conducted by:	Introduction of Assignments/ Important notes	Submissions:
Week 6	03-10- 17	Selection of Artefact from ancient civilization and analysis	DNG/ NMK	Studio work on tracing and submission on A3 sheet(analysis)	Notes in journal and a sheet on Indus Valley civilisation
Week 7	10-10- 17	Design of object inspired from artefact	DNG/ NMK	Studio – design of object and submission on A3 sheet	Submission of tracing and submission on A3 sheet(analysis)
Week8	24-10- 17	Design of object inspired from artefact	DNG/ NMK	Studio – design of object and submission on A3 sheet	Submission of tracing and submission on A3 sheet(analysis)
Week9	31-10- 17	Design of object inspired from artefact	DNG/ NMK	Studio – design of object and submission on A3 sheet	Submission of tracing and submission on A3 sheet(analysis)
	07-11-17 **Prefinal Submission of Journal and Portfolio of sheets**				
	14-11-17	**Final Submission of Journal and Portfolio of sheets**			
	21-11-17	**Final marking**			

Principal
PDEA
College of Architecture,
Akurdi, Pune - 411 044.

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

F) Savitribai Phule Pune University- B. Arch Program Exam Time-Table

1. AY- 2021-2022

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO. 07 OF. 2022

BACHELOR OF ARCHITECTURE (2015 & 2019 PATTERN)

Examination of SUMMER-2022

(Under Faculty of SCIENCE AND TECHNOLOGY: B) ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination Centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of other materials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
- Use of non-programmable battery-operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics
  Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

SEMESTER - VII

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 20-06-2022	4201556	Professional Practice I
Wednesday 22-06-2022	4201559	Quantity Surveying and Estimation I
Friday 24-06-2022	4201560	Specification Writing I

SEMESTER - VIII

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 27-06-2022	4201564	Professional Practice II
Wednesday 29-06-2022	4201567	Quantity Surveying and Estimation II
Friday 01-07-2022	4201568	Specification Writing II

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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THIRD YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)

SEMESTER - V

Time:-10.00 AM To 12.30 PM

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	3201936	Building Construction & Materials V
Thursday 23-06-2022	3201938	Theory of Structures V
Saturday 25-06-2022	3201941	Building Services III

SEMESTER - VI

Time:-10.00 AM To 12.30 PM

Day & Date	Paper Code	Subject
Tuesday 28-06-2022	3201947	Theory of Structures VI
Thursday 30-06-2022	3201950	Building Services IV
Monday 04-07-2022	3201945	Architectural Design V **Time:-10.00 AM To 04.00 PM**
Tuesday 05-07-2022	3201945	Architectural Design V * **Time:-10.00 AM To 05.00 PM**

Note :- * Break between 01:00 PM to 02:00 PM

PDEA College of Architecture Akurdi, Pune-44

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SECOND YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)

SEMESTER - III

Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 20-06-2022	2201918	Building Construction & Materials III
Wednesday 22-06-2022	2201920	Theory of Structures III
Friday 24-06-2022	2201923	Building Services I

SEMESTER - IV

Time:-02.00 PM To 04.30 PM

Day & Date	Paper Code	Subject
Monday 27-06-2022	2201927	Building Construction & Materials IV
Wednesday 29-06-2022	2201929	Theory of Structures IV
Friday 01-07-2022	2201932	Building Services II

Ganeshkhind, Pune - 411 007

Ref.No/XCT: 141

Date: 28 /05/2022

Director,
Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO. 22 OF. 2022

BACHELOR OF ARCHITECTURE (2015 & 2019 PATTERN)

Examination of SUMMER-2022

(Under Faculty of SCIENCE AND TECHNOLOGY: B) ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

- Candidates are required to be present at the examination Centre, THIRTY MINUTES before the stipulated time.
- Candidates are forbidden from taking any material into the examination hall that can be treated as a malpractice.
- Candidates are requested to see the Notice Board at their center of examination regularly for changes if any that may be notified later in the program.
- No request shall be granted for change in time or date for the University Examination on any ground.
- Candidates are requested to note the Day, Date and Time of Paper.
- Candidates are permitted to use stencils at the time of examination.
- The exchanges of side-rules, drawing instruments of othermaterials used in the examination hall is not permitted at the time of examination. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances
- Use of non-programmable battery-operated electronic pocket size Calculator is allowed. The exchange of Calculators is not allowed. Electronics
  Devices including mobile are not allowed at the time of examination.
- The written examination will be conducted in the following order.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SECOND YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)

SEMESTER - III

Time:-02.00 PM To 04.30 PM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	2201918	Building Construction & Materials III
Thursday 23-06-2022	2201920	Theory of Structures III
Monday 27-06-2022	2201923	Building Services I

SEMESTER - IV

Time:-02.00 PM To 04.30 PM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Thursday 30-06-2022	2201927	Building Construction & Materials IV
Monday 04-07-2022	2201929	Theory of Structures IV
Thursday 07-07-2022	2201932	Building Services II

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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THIRD YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)

SEMESTER - V

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Tuesday 21-06-2022	3201936	Building Construction & Materials V
Friday 24-06-2022	3201938	Theory of Structures V
Tuesday 28-06-2022	3201941	Building Services III

SEMESTER - VI

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Friday 01-07-2022	3201947	Theory of Structures VI
Tuesday 05-07-2022	3201950	Building Services IV
Friday 08-07-2022	3201945	Architectural Design V Time:-10.00 AM To 04.00 PM
Saturday 09-07-2022	3201945	Architectural Design V * Time:-10.00 AM To 05.00 PM

Note :- * Break between 01:00 PM to 02:00 PM

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

SEMESTER – VI

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Saturday 25-06-2022	3201547	Building Technology & Materials VI

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

SEMESTER - VII

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Monday 20-06-2022	4201556	Professional Practice I
Thursday 23-06-2022	4201559	Quantity Surveying and Estimation I
Monday 27-06-2022	4201560	Specification Writing I

SEMESTER - VIII

Time:- 09.00 AM To 11.30 AM (Additional 15 Minutes per hour)

Day & Date	Paper Code	Subject
Thursday 30-06-2022	4201564	Professional Practice II
Monday 04-07-2022	4201567	Quantity Surveying and Estimation II
Thursday 07-07-2022	4201568	Specification Writing II

Ganeshkhind, Pune - 411 007

Ref.No/XCT: 157

Date: 05 /06/2022

Director,
Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune-44

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FIRST YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)/F-2022

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO. 135 OF. 2022

FIRST YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)

Examination of MAR/APR 2022

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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FIRST YEAR BACHELOR OF ARCHITECTURE (2019 PATTERN)/F-2022

SEMESTER - II

Time:-09.00 AM To 11.30 AM

Day & Date	Paper Code	Subject
Monday 01-08-2022	1201910	BUILDING CONSTRUCTION & MATERIALS-II
Wednesday 03-08-2022	1201912	TEHORY OF STRUCTURES-II

SEMESTER - I

Time:-09.00 AM To 11.30 AM

Day & Date	Paper Code	Subject
Tuesday 02-08-2022	1201902	BUILDING CONSTRUCTION & MATERIALS I
Thursday 04-08-2022	1201904	THEORY OF STRUCTURES I

Note :-

Additional 15 minutes per hour to each paper

Ganeshkhind, Pune - 411 007

Ref.No/XCT: 416

Date:15/07/2022

Director,

Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune-44

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SAVITRIBAI PHULE PUNE UNIVERSITY
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Timetable For Fresh & Backlog Online Examination of October/November 2021

Faculty of Science & Technology : Engineering

Course_Name	SUBJECT CODE	SUBJECT NAME	YEAR	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201915	BUILDING CONSTRUCTION & MATERIALS II [P]	1	2	15 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201912	THEORY OF STRUCTURES II	1	2	16 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201918	BUILDING CONSTRUCTION & MATERIALS III [P]	2	3	18 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201920	THEORY OF STRUCTURES III	2	3	21 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201923	BUILDING SERVICES II [P]	2	3	22 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201927	BUILDING CONSTRUCTION & MATERIALS IV [P]	2	4	15 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201929	THEORY OF STRUCTURES IV	2	4	16 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	2201932	BUILDING SERVICES II [P]	2	4	17 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	3201936	Building Construction & Materials V [P]	3	5	18 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	3201938	Theory of Structures V	3	5	21 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	3201941	Building Services III [P]	3	5	22 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	3201546&47	BUILDING TECHNOLOGY & MATERIALS VI	3	6	15 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	3201548	THEORY OF STRUCTURES VI	3	6	16 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	3201550&51	BUILDING SERVICES IV	3	6	17 February, 2022	01.00 PM To 03.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201556	PROFESSIONAL PRACTICE I	4	7	15 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201559	QUANTITY SURVEYING & ESTIMATION I	4	7	16 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201560	SPECIFICATION WRITING I	4	7	17 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201564	PROFESSIONAL PRACTICE II	4	8	18 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201567	QUANTITY SURVEYING & ESTIMATION II	4	8	21 February, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE(REV.2015)	4201568	SPECIFICATION WRITING II	4	8	22 February, 2022	10.00 AM to 12.00 PM

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SAVITRIBAI PHULE PUNE UNIVERSITY
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Timetable For Fresh & Backlog Online Examination of October/November 2021

Faculty of Science & Technology : Engineering

Course_Name	SUBJECT CODE	SUBJECT NAME	YEAR	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	1201502	BUILDING CONSTRUCTION & MATERIALS (P)	1	1	29 March, 2022	10.00 AM to 12.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit Pattern	1201504	THEORY OF STRUCTURES-I	1	1	29 March, 2022	10.00 AM to 12.00 PM

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Savitribai Phule Pune University
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Telephone No. 020-25621343
25621346
website : www.unipune.ac.in

Director,
Board of Examinations and Evaluation,
Savitribai Phule Pune University,
Ganeshkhind - 411 007
bee@pun.unipune.ac.in

संदर्भ : परिक्षा / एस आणि टी / १३७ दिनांक : ०४/०२/२०२२

प्रति,
मा. प्राचार्य / संचालक,
सर्व संलग्नित महाविद्यालये व मान्यताप्राप्त संस्था,
(पुणे, नाशिक, आणि अहमदनगर)

विषय: महाविद्यालयामार्फत on-line परिक्षेव्यतिरीक्त (Practical/Oral/TermWork/Seminar/Projects and Dissertation etc.) इ. सर्व परीक्षांचे महाविद्यालय स्तरावर आयोजन करणेबाबत...

महोदय / महोदया,

सर्व विद्याशाखांच्या अभ्याराक्रमांचे ऑक्टोंबर / नोव्हेंबर २०२१ सत्रांच्या परीक्षांचे आवेदन पत्र भरणेची प्रक्रिया पूर्ण झालेली आहे. परीक्षा विभागात विद्यार्थ्यांची विषयावर रामरी बनविण्याचे काम सुरु झालेले आहे. ही रामरी महाविद्यालयांना लवकरच उपलब्ध केली जाईल. विद्यापीठाकडून घ्यावयाच्या on-line लेखी परिक्षेव्यतिरीक्त इतर सर्व (Practical/Oral/Term Work/Seminar/Projects and Dissertation etc.) परीक्षांचे आयोजन महाविद्यालय स्तरावर आयोजित करण्यात यावे. सदर परीक्षांचे आयोजन महाविद्यालय स्तरावर कोरोना प्रादुर्भावाच्या पार्श्वभूमीवर शासनाने निर्धारित केलेल्या सर्व नियमांचे पालन करुन करण्यात यावे. प्रथम वर्षाचे सत्र उशिरा सुरु झाल्यामुळे परीक्षांचे आयोजन मार्च महिन्यात करण्यात यावे. वाणिज्य व व्यवस्थापन विद्याशाखेअंतर्गत येणा–या MBA and MCA Programs या अभ्याराक्रमांसाठी परीक्षकांची यादी परीक्षा विभागाकडून महाविद्यालयांकडे पाठवली जाईल. वर निर्देशित सर्व परीक्षांचे आयोजन करुन सर्व अंतर्गत गुण / ग्रेड्स विद्यापीठाच्या on-line पोर्टलवर परीक्षेपूर्वी भरावेत.

संलग्नित महाविद्यालयांना / संस्थाना परीक्षा विभागाने आवश्यक माहिती उपलब्ध करुन दिल्यानंतर विद्यार्थ्यांचे उपरोक्त विविध परीक्षांचे सर्व अंतर्गत गुण / ग्रेड्स भरणेबाबत संबंधित विषय शिक्षकांना आदेशित करावे.

मा. प्राचार्य / संचालक यांना विनंती करण्यात येते की वरील पत्राचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

कळावे,

आपला,

महेश काकडे
संचालक
(परीक्षा व मूल्यमापन मंडळ)

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

Timetable For B. Arch. (2015) -Design VI Paper OFFLINE Examination of October/November 2021

Faculty of Science & Technology : B) Engineering							
Course_Name	Pattern Id	SUBJECT CODE	SUBJECT NAME	YEAR	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE(REV 2015)	11515	3201545	Design VI	3	6	19 February, 2022	12.30 PM to 1.00 PM

This examination will be conducted in offline mode, for details please contact to your own college.

DATE : 16 February 2022

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's

COLLEGE OF ARCHITECTURE

Sector 28, Pradhikaran, Akurdi, Pune - 411044.

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SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

Timetable For Fresh & Backlog Online Examination of October/November 2020

Faculty of Science & Technology (B) Engineering

Course_Name	SUBJECT	SUBJECT NAME	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE (REV.2015)	4201564	PROFESSIONAL PRACTICE II	8	10 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	413431	PROFESSIONAL PRACTICE (2008/2012)	Annual	10 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201527& 28	BUILDING TECHNOLOGY & MATERIALS - IV	4	10 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	4201568	SPECIFICATION WRITING II	8	12 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	413427	SPECIFICATION WRITING (2008/2012)	Annual	12 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201529	THEORY OF STRUCTURES - IV	4	12 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	4201567	QUANTITY SURVEYING & ESTIMATION II	8	15 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	413425	QUANTITY SURVEYING & EST. (2008/2012)	Annual	15 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201530& 31	BUILDING SERVICES - II	4	15 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	413429	TOWN PLANNING (2008/2012)	Annual	16 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201518& 19	BUILDING TECHNOLOGY & MATERIALS - III	3	17 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	4201556	PROFESSIONAL PRACTICE I	7	17 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	413431	PROFESSIONAL PRACTICE (2008/2012)	Annual	17 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	2201520	THEORY OF STRUCTURES - III	3	18 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	4201560	SPECIFICATION WRITING I	7	18 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	413427	SPECIFICATION WRITING (2008/2012)	Annual	18 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	2201521& 22	BUILDING SERVICES - I	2	19 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	4201559	QUANTITY SURVEYING & ESTIMATION I	7	19 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	413425	QUANTITY SURVEYING & EST. (2008/2012)	Annual	19 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	2201546& 47	BUILDING TECHNOLOGY & MATERIALS - VI	6	22 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201510& 11	BUILDING TECHNOLOGY & MATERIALS - II	2	22 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	313424	BLDG. TECH & MATERIALS III (2008/2012)	Annual	22 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	4201548	THEORY OF STRUCTURES - VI	6	23 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	1201512	THEORY OF STRUCTURES - II	2	23 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	2201550& 51	BUILDING SERVICES IV	6	24 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	1201502& 3	BUILDING TECHNOLOGY & MATERIALS - I	1	25 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	313424	BLDG. TECH & MATERIALS III (2008/2012)	Annual	25 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201566& 67	BUILDING TECHNOLOGY & MATERIALS - V	5	26 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	1201504	THEORY OF STRUCTURES - I	1	26 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE (REV.2015)	2201538	THEORY OF STRUCTURES - V	5	26 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE (REV.2015)	2201540& 41	BUILDING SERVICES - III	5	27 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit	2201818	BUILDING CONSTRUCTION & MATERIALS III (P)	3	17 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE 2019 Credit	2201820	THEORY OF STRUCTURES III	3	18 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE 2019 Credit	2201823	BUILDING SERVICES III (P)	3	19 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE 2019 Credit	2201918	BUILDING CONSTRUCTION & MATERIALS II	2	22 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit	2201912	THEORY OF STRUCTURES II	2	23 April 2021	12.00 PM To 2.00 PM
BACHELOR OF ARCHITECTURE 2019 Credit	2201902	Building Construction & Materials I	1	25 April 2021	9.00 AM To 11.00 AM
BACHELOR OF ARCHITECTURE 2019 Credit	2201904	Theory of Structures I	1	26 April 2021	9.00 AM To 11.00 AM

DATE: 25 March 2021

Shri. Mahesh Kakade
Director
Board of Examinations & Evaluations

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

Timetable For B. Arch. (2015) -Design VI Paper OFFLINE Examination of October/November 2020

Faculty of Science & Technology : 01 Engineering

Course_Name	Pattern Id	SUBJECT CODE	SUBJECT NAME	YEAR	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE(REV 2015)	11515	5201545	Design VI	3	6	16-04-2021	01.00 PM To 2.30 PM

This examination will be conducted on offline mode, for details, students please contact to your own college.

DATE : 01 April 2021

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
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The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

F) Savitribai Phule Pune University- B. Arch Program Exam Time-Table

3. AY- 2019-2020

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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SAVITRIBAI PHULE PUNE UNIVERSITY
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B. Arch. (2015) -Design VI Paper OFFLINE Examination of APR/MAY 2020

Faculty of Science & Technology : B) Engineering

Course_Name	SUBJECT CODE	SUBJECT NAME	YEAR	SEM.	Exam_Date	TIME SLOT
BACHELOR OF ARCHITECTURE(REV.2015)	3201545	Design VI	3	6	08 December 2020 , Tuesday	10.00 AM To 11.00 AM

This examination will be conducted in offline manner, for details, students please contact to your own college

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2020

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.1 OF. 2020

FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of APR/MAY 2020

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Common Instructions:

- The examination will be conducted in on-line as well as in off-line mode based on the option given by students. Time slot for both examinations i.e. (on-line and off-line examination) is same.
- All relevant communication related to on-line as well as off-line examinations will be done through the email on registered email address and through sms on registered mobile number. Both these communications details are collected by the examination section through the students' profile filled by these students at the time of filling the examination form. It is suggested not to change email address and mobile number till completion of October, 2020 examination.
- Hall tickets are sent to the concerned affiliated colleges. Students can collect hall tickets from their respective colleges. To avoid inconvenience to students, examination section has provided a special facility to download hall tickets directly from student's login. Those students, who had opted for the off-line OMR based examination, shall carry hall tickets at the examination centre.
- For physically challenged students, for the on-line examination, time will automatically get set to 80 minutes. For the off-line examination, the examination centres are instructed to allot 20 minutes extra to these students. For both on-line and off-line examination permission is granted to take help of writer/assistant during the examination.

2. Instructions to candidates appearing for the on-line examinations:

- Candidates shall appear for the on-line examination from the place of their convenience.
- Candidate can login using their mobile, laptop, PC or I-Pad. Please take care that batteries of these units are properly charged prior to examination and also connected through internet facility.
- In case of any technical difficulty during the examination, software support is provided by the University. On-line examination will get resumed for the remaining duration in case of technical interruptions during the examinations. Answers of the questions attempted by student before the occurrence of the interruption will get saved automatically on University server. A mock test will be provided to all students. Time table of mock test/s will get communicated to students through Student's login.

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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2020

SEMESTER - VII

Time:-10.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Monday 12-10-2020	4201556	Professional Practice I
Tuesday 13-10-2020	4201559	Quantity Surveying and Estimation I
Wednesday 14-10-2020	4201560	Specification Writing I

SEMESTER - VIII

Time:-10.00 AM To 11.00 AM

Day & Date	Paper Code	Subject
Thursday 15-10-2020	4201564	Professional Practice II
Friday 16-10-2020	4201567	Quantity Surveying and Estimation II
Sunday 18-10-2020	4201568	Specification Writing II

Ganeshkhind, Pune - 411 007

Ref.No/XCT:106

Date:02/10/2020

Director,

Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune-44

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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/240/S-2019

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.240 OF. 2019

FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2019

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA College of Architecture Akurdi, Pune 44

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FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/240/S-2019

SEMESTER - VIII

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Friday 01-11-2019	4201564	Professional Practice II
Tuesday 05-11-2019	4201567	Quantity Surveying and Estimation II
Thursday 07-11-2019	4201568	Specification Writing II

SEMESTER - VII

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Wednesday 13-11-2019	4201556	Professional Practice I
Friday 15-11-2019	4201559	Quantity Surveying and Estimation I
Monday 18-11-2019	4201560	Specification Writing I

NOTE: -

The Sessional assessment & viva-voce, oral examination will be conducted between 18.10.2019 To 26.10.2019.

Ganeshkhind, Pune - 411 007

Ref.No/XCT:1122

Date:31/08/2019

Director,

Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune-44

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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/238/S-2019

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.238 OF. 2019

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2019

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/238/S-2019

SEMESTER - VI

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 04-11-2019	3201546	Building Technology & Materials VI
Wednesday 06-11-2019	3201548	Theory of Structures VI
Friday 08-11-2019	3201551	Building Services IV
Wednesday 20-11-2019	3201545A	Design VI (Enlodge) **Time:-10.00 AM To 04.00 PM**
Thursday 21-11-2019	3201545B	Design VI * **Time:-10.00 AM To 05.00 PM**

SEMESTER - V

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Thursday 14-11-2019	3201536	Building Technology & Materials V
Saturday 16-11-2019	3201538	Theory of Structures V
Tuesday 19-11-2019	3201541	Building Services III

NOTE: -

* Interval 1:00 pm to 2:00 pm

The Sessional assessment & viva-voce, oral examination will be conducted between 18.10.2019 To 26.10.2019.

Ganeshkhind, Pune - 411 007

Ref.No/XCT:1117

Date:31/08/2019

Director,

Board of Examinations and Evaluation

PDEA College of Architecture Akurdi, Pune 44

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F) Savitribai Phule Pune University- B. Arch Program Exam Time-Table

4. AY- 2018-2019

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO.128 OF. 2018

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of March/April/May 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SEMESTER - I

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 07-05-2018	1201502	BUILDING TECHNOLOGY & MATERIALS-I
Tuesday 08-05-2018	1201504	THEORY OF STRUCTURES - I

SEMESTER - II

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Friday 11-05-2018	1201510	BUILDING TECHNOLOGY & MATERIALS - II
Saturday 12-05-2018	1201512	THEORY OF STRUCTURES - II

NOTE: -

The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 23.04.2018 To 28.04.2018

Ganeshkhind, Pune - 411 007

Ref.No/XCT:583

Date:08/03/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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02/2018

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

Examination Circular No. 02 of 2018 T.E. (All Branches) Feb. 2018.

Programme of FIRST & SECOND YEAR B. ARCH. (In Sem.- II & IV) [2015 Course]

In Semester Examinations, February, 2018

INSTRUCTIONS FOR CANDIDATES

1. **Candidates are required to present at the Respective College of the examination, FIFTEEN MINUTES before the time of the first paper and TEN MINUTES before the time of each subsequent paper.**
2. **Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.**
3. **No request for any special concession such as a change in time or any day fixed for the University Examination on religious or any other ground shall be granted.**
4. **Candidates are requested to see the Notice Board at their place of examination regularly for changes if any that may be notified later in the programme.**
5. **Candidates are requested to note the Day, Date & Time of every paper on every day.**
6. **Candidates are permitted to use stencils at time of examination.**
7. **Candidates please refer to rules & regulations of examination for appearance & passing criteria.**
8. **The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is not permitted while the examinations are is process. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstance.**
9. **Use of Non-Programmable battery operated electronics Calculators of Pockets-size is allowed. The exchange of calculators is not allowed.**
10. **The Written Examination will be conducted in the following order.**
11. **This time table is applicable to the students who are admitted in academic year in FY & SY BArch. (2015 pattern) till academic year 2016-17 And having backlog in In Sem exam.**

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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First Year B. Arch. (2015 Course) In Sem. Examination
Semester- II : Time 11 .00 a.m. To 12.00 noon

Day & Date	First Year B. Arch. (2015 Course)
Monday, 05/02/2018	Building Technology & Materials II (1201510)
Tuesday, 06/02/2018	Theory of Structures II (1201512)

Second Year B. Arch. (2015 Course) In Sem. Examination
Semester – IV : Time 11.00 a.m. To 12.00 noon

Day & Date	Second Year B. Arch. (2015 Course)
Wednesday, 07/02/2018	Building Technology & Materials IV (2201527)
Thursday, 08/02/2018	Theory of Structures IV (2201529)
Friday, 09/02/2018	Building Services II (2201531)

Ganeshkhind, Pune - 411007
Ref. No. XCT/224

Date : 25 .01.2018

Dr. Ashok Chavan
Director ,
Board of Examinations & Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2018

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO.126 OF 2016

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)

REVISED AS ON :07/03/2018

Examination of APR/MAY 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2018

	THIRD YEAR B.ARCH.(BRIDGE COURSE)	THIRD YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Monday 16/04/2018	BUILDING TECHNOLOGY & MATERIALS – III (313423)	BUILDING TECHNOLOGY & MATERIALS – III (313424)
Tuesday 17/04/2018	THEORY OF STRUCTURES –III (313425)	THEORY OF STRUCTURES – III (313426)
Thursday 19/04/2018	BUILDING SERVICES-I (313428)	BUILDING SERVICES-II (313428)
Friday 20/04/2018	QUANTITY SURVEYING & ESTIMATING (313430)	ARCHITECTURAL DESIGN III ***(Enlodge)** (313422) **10.30 AM To 04.30 PM**
Saturday 21/04/2018	SPECIFICATION WRITING (313431)	ARCHITECTURAL DESIGN – III * (313422) **10.30 AM To 05.30 PM**

	FOURTH YEAR B.ARCH.(BRIDGE COURSE)	FOURTH YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Monday 23/04/2018	TOWN PLANNING (413429)	TOWN PLANNING (413429)
Tuesday 24/04/2018	PROFESSIONAL PRACTICE (413431)	PROFESSIONAL PRACTICE (413431)
Wednesday 25/04/2018	ARCHITECTURAL DESIGN-IV * **(Enlodge)** (413424) **10.30 AM To 04.30 PM**	QUANTITY SURVEYING & ESTIMATING (413425)
Thursday 26/04/2018	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	SPECIFICATION WRITING (413427)
Friday 27/04/2018	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	

NOTE:-

** Interval 1:30 pm to 2:30 pm*
The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 26.03.2018 To 07.04.2018

Ganeshkhind, Pune - 411 007
Ref.No/XCT/586
Date:07/03/2018

Dr. Ashok Chavan
Controller of Examinations

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.127 OF. 2018

SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

REVISED AS ON :07/03/2018

Examination of March/April/May 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SEMESTER - III

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 16-04-2018	2201518	Building Technology & Materials III
Thursday 19-04-2018	2201520	Theory of Structures III
Saturday 21-04-2018	2201522	Building Services I

SEMESTER - IV

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Tuesday 24-04-2018	2201527	Building Technology & Materials IV
Thursday 26-04-2018	2201529	Theory of Structures IV
Saturday 28-04-2018	2201531	Building Services II

NOTE: -

The Sessional Assessment & viva-voce, oral examination will be conducted between 26.03.2018 To 07.04.2018.

Ganeshkhind, Pune - 411 007

Ref.No/XCT:584

Date:07/03/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.125 OF. 2018

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

REVISED AS ON :07/03/2018

Examination of March/April/May 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/F-2018

SEMESTER - V

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Tuesday 17-04-2018	3201536	Building Technology & Materials V
Friday 20-04-2018	3201538	Theory of Structures V
Monday 23-04-2018	3201541	Building Services III

SEMESTER - VI

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Wednesday 25-04-2018	3201546	Building Technology & Materials VI
Friday 27-04-2018	3201548	Theory of Structures VI
Wednesday 02-05-2018	3201551	Building Services IV
Thursday 03-05-2018	3201545	Design VI * (Enlodge) Time:-10.30 AM To 05.30 PM
Friday 04-05-2018	3201545	Design VI * Time:-10.30 AM To 05.30 PM

NOTE: -

* Interval 1:30 pm to 2:30 pm
The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 26.03.2018 To 07.04.2018

Ganeshkhind, Pune - 411 007

Ref.No/XCT:585

Date:07/03/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
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1st year

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/396/S-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.396 OF. 2018

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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2nd year

SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/397/S-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.397 OF. 2018

SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

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SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/397/S-2018

SEMESTER - IV

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 22-10-2018	2201527	Building Technology & Materials IV
Wednesday 24-10-2018	2201529	Theory of Structures IV
Friday 26-10-2018	2201531	Building Services II

SEMESTER - III

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 29-10-2018	2201518	Building Technology & Materials III
Thursday 01-11-2018	2201520	Theory of Structures III
Saturday 03-11-2018	2201522	Building Services I

NOTE: -

The Sessional assessment & viva-voce, oral examination will be conducted between 08.10.2018 To 17.10.2018.

Ganeshkhind, Pune - 411 007
Ref.No/XCT:1428
Date:18/09/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
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3rd year

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/398/S-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.398 OF. 2018

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/398/S-2018

SEMESTER - VI

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Tuesday 23-10-2018	3201546	Building Technology & Materials VI
Thursday 25-10-2018	3201548	Theory of Structures VI
Saturday 27-10-2018	3201551	Building Services IV
Tuesday 30-10-2018	3201545	Design VI * (Enlodge) Time:-10.00 AM To 05.00 PM
Wednesday 31-10-2018	3201545	Design VI * Time:-10.00 AM To 05.00 PM

SEMESTER - V

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Friday 02-11-2018	3201536	Building Technology & Materials V
Monday 12-11-2018	3201538	Theory of Structures V
Wednesday 14-11-2018	3201541	Building Services III

NOTE: -

* Interval 1:00 pm to 2:00 pm
The Sessional assessment & viva-voce, oral examination will be conducted between 08.10.2018 To 17.10.2018.

Ganeshkhind, Pune - 411 007
Ref.No/XCT:1429
Date:18/09/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

4th year

FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/399/S-2018

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.399 OF. 2018

FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2018

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, THIRTY MINUTES before the time fixed for paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

FOURTH YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/399/S-2018

SEMESTER - VII

Time:-10.00 AM To 01.00 PM

Day & Date	Paper Code	Subject
Monday 22-10-2018	4201556	Professional Practice I
Wednesday 24-10-2018	4201559	Quantity Surveying and Estimation I
Friday 26-10-2018	4201560	Specification Writing I

NOTE: -

The Sessional assessment & viva-voce, oral examination will be conducted between 08.10.2018 To 17.10.2018

Ganeshkhind, Pune - 411 007

Ref.No/XCT:1430

Date:18/09/2018

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

F) Savitribai Phule Pune University- B. Arch Program Exam Time-Table

5. AY- 2017-2018

PDEA College of Architecture Akurdi, Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/01/F-2017

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.01 OF. 2017

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of March/April/May 2017

(Under Faculty of Engineering)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/01/F-2017

SEMESTER - I

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Monday 24-04-2017	1201502	BUILDING TECHNOLOGY & MATERIALS-I
Tuesday 25-04-2017	1201504	THEORY OF STRUCTURES - I

SEMESTER - II

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Wednesday 26-04-2017	1201510	BUILDING TECHNOLOGY & MATERIALS - II
Thursday 27-04-2017	1201512	THEORY OF STRUCTURES - II

NOTE: -
The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 03.04.2017 to 08.04.2017

Ganeshkhind, Pune - 411 007

Ref.No/XCT:131

Date:11/01/2017

Dr. Ashok Chavan
Controller of Examinations

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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425 /S/2016

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

Examination Circular No. 425 of 2016 F.Y. B. ARCH. January, 2017.

Programme of FIRST YEAR B. ARCH. (In Semester- II) [2015 Pattern]

Examinations, January , 2017

INSTRUCTIONS FOR CANDIDATES

1. **Candidates are required to present at the Respective College of the examination, FIFTEEN MINUTES before the time of the first paper and TEN MINUTES before the time of each subsequent paper.**
2. **Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.**
3. **No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.**
4. **Candidates are requested to see the Notice Board at their place of examination regularly for changes if any that may be notified later in the programme.**
5. **Candidates are requested to note the Day, Date & Time of every paper on every day.**
6. **Candidates are permitted to use stencils at time of examination.**
7. **Candidates please refer to rules & regulations of examination for appearance & passing criteria.**
8. **The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is not permitted while the examinations are is process. Candidates must bring their own instruments and will not be allowed to brow from each other under any circumstance.**
9. **Use of Non-Programmable battery operated electronics Calculators of Pockets-size is allowed. The exchange of calculators is not allowed.**
10. **The Written Examination will be conducted in the following order.**

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
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SECOND YEAR BACHELOR OF ARCHITECTURE
(2015 PATTERN)/02/F-2017

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.02 OF. 2017

SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of March/April/May 2017

(Under Faculty of Engineering)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/02/F-2017

SEMESTER - III

Time:-02.30 PM To 05.30 PM

Day & Date	Paper Code	Subject
Monday 24-04-2017	2201518	Building Technology & Materials III
Tuesday 25-04-2017	2201520	Theory of Structures III
Wednesday 26-04-2017	2201522	Building Services I

SEMESTER - IV

Time:-02.30 PM To 05.30 PM

Day & Date	Paper Code	Subject
Thursday 27-04-2017	2201527	Building Technology & Materials IV
Saturday 29-04-2017	2201529	Theory of Structures IV
Tuesday 02-05-2017	2201531	Building Services II

NOTE: -

The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 03.04.2017 to 08.04.2017

Ganeshkhind, Pune - 411 007

Ref.No/XCT:132

Date:11/01/2017

Dr. Ashok Chavan
Controller of Examinations

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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410 /S/2016

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

Examination Circular No. 410 of 2016 S.Y. B. ARCH. January, 2017.

Programme of SECOND YEAR B. ARCH. (Semester- IV) | 2015 Course|

In Semester Examinations, January, 2017

INSTRUCTIONS FOR CANDIDATES

1. **Candidates are required to present at the Respective Co llege of the examination, FIFTEEN MINUTES before the time of the first paper and TEN MINUTES before the time of each subsequent paper.**
2. **Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.**
3. **No request for any special concession such as a change in time or any day fixed for the University Examination on religious or any other ground shall be granted.**
4. **Candidates are requested to see the Notice Board at their place of examination regularly for changes if any that may be notified later in the programme.**
5. **Candidates are requested to note the Day, Date & Time of every paper on every day.**
6. **Candidates are permitted to use stencils at time of examination.**
7. **Candidates please refer to rules & regulations of examination for appearance & passing criteria.**
8. **The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is not permitted while the examinations are is process. Candidates must bring their own instruments and will not be allowed to brow from each other under any circumstance.**
9. **Use of Non-Programmable battery operated electronics Calculators of Pockets-size is allowed. The exchange of calculators is not allowed.**
10. **The Written Examination will be conducted in the following order.**

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

Second Year B. Arch. (2015 Course) In Sem. Examination

Semester – IV : Time 11.00 a.m. To 12.00 noon

Day & Date	Second Year B. Arch. (2015 Course)
Monday, 16/01/2017	Building Technology & Materials IV (2201527)
Tuesday, 17/01/2017	Theory of Structures IV (2201529)
Wednesday, 18/01/2017	Building Services II (2201531)

Ganeshkhind, Pune - 411007
Ref. No. XCT/ 1690 /2016

Date : 15 .12.2016

Dr. Ashok Chavan
Controller of Examinations

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2017

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO.429 OF 2016

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)

Examination of APR/MAY 2017

(Under Faculty of Engineering)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2017

	THIRD YEAR B.ARCH.(BRIDGE COURSE)	THIRD YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Monday 17/04/2017	BUILDING TECHNOLOGY & MATERIALS – III (313423)	BUILDING TECHNOLOGY & MATERIALS – III (313424)
Tuesday 18/04/2017	THEORY OF STRUCTURES –III (313425)	THEORY OF STRUCTURES – III (313426)
Wednesday 19/04/2017	BUILDING SERVICES-I (313428)	BUILDING SERVICES-II (313428)
Thursday 20/04/2017	QUANTITY SURVEYING & ESTIMATING (313430)	ARCHITECTURAL DESIGN III ***(Enlodge)** (313422) **10.30 AM To 04.30 PM**
Friday 21/04/2017	SPECIFICATION WRITING (313431)	ARCHITECTURAL DESIGN – III * (313422) **10.30 AM To 05.30 PM**

	FOURTH YEAR B.ARCH.(BRIDGE COURSE)	FOURTH YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Saturday 22/04/2017	TOWN PLANNING (413429)	TOWN PLANNING (413429)
Monday 24/04/2017	PROFESSIONAL PRACTICE (413431)	PROFESSIONAL PRACTICE (413431)
Tuesday 25/04/2017	ARCHITECTURAL DESIGN-IV * **(Enlodge)** (413424) **10.30 AM To 04.30 PM**	QUANTITY SURVEYING & ESTIMATING (413425)
Wednesday 26/04/2017	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	SPECIFICATION WRITING (413427)
Thursday 27/04/2017	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	

NOTE:-

** Interval 1:30 pm to 2:30 pm*

The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 03.04.2017 To 08.04.2017

Ganeshkhind, Pune - 411 007
Ref.No/XCT/1734
Date:28/12/2016

Dr. Ashok Chavan
Controller of Examinations

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
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FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/202/S-2017

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.202 OF. 2017

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2017

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

FIRST YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/202/S-2017

SEMESTER - II

Time:-10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Tuesday 12-12-2017	1201510	BUILDING TECHNOLOGY & MATERIALS - II
Wednesday 13-12-2017	1201512	THEORY OF STRUCTURES - II

SEMESTER - I

Time :10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Thursday 14-12-2017	1201502	BUILDING TECHNOLOGY & MATERIALS-I
Friday 15-12-2017	1201504	THEORY OF STRUCTURES - I

NOTE: -
The Sessional assessment & viva-voce, oral examination (2015-Pattern) will be conducted between 25.09.2017 to 07.10.2017

Ganeshkhind, Pune - 411 007
Ref.No/XCT:945
Date:03/07/2017

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
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SECOND YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/203/S-2017

SEMESTER - IV

Time : 02.30 PM To 05.30 PM

Day & Date	Paper Code	Subject
Monday 23-10-2017	2201527	Building Technology & Materials IV
Tuesday 24-10-2017	2201529	Theory of Structures IV
Wednesday 25-10-2017	2201531	Building Services II

SEMESTER - III

Time : 02.30 PM To 05.30 PM

Day & Date	Paper Code	Subject
Thursday 26-10-2017	2201518	Building Technology & Materials III
Friday 27-10-2017	2201520	Theory of Structures III
Saturday 28-10-2017	2201522	Building Services I

NOTE: -
The Sessional assessment & viva-voce, oral examination (2015-Pattern) will be conducted between 25.09.2017 to 07.10.2017

Ganeshkhind, Pune - 411 007
Ref.No/XCT:946
Date:03/07/2017

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
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THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/204/S-2017

SAVITRIBAI PHULE PUNE UNIVERSITY
(Formerly University of Pune)

EXAMINATION CIRCULAR NO.204 OF. 2017

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)

Examination of Oct/Nov/Dec 2017

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
Sector 28, Pradhikaran, Akurdi, Pune - 411044.
Affiliated to Savitribai Phule Pune University (PU/PN/ARCH./476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

THIRD YEAR BACHELOR OF ARCHITECTURE (2015 PATTERN)/204/S-2017

SEMESTER - V

Time : 10.30 AM To 01.30 PM

Day & Date	Paper Code	Subject
Thursday 26-10-2017	3201536	Building Technology & Materials V
Friday 27-10-2017	3201538	Theory of Structures V
Saturday 28-10-2017	3201541	Building Services III

NOTE: -
The Sessional assessment & viva-voce, oral examination (2015-Pattern) will be conducted between 25.09.2017 to 07.10.2017

Ganeshkhind, Pune - 411 007

Ref.No/XCT:947

Date:03/07/2017

Dr. Ashok Chavan
Director,
Board of Examinations and Evaluation

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's
COLLEGE OF ARCHITECTURE
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Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2017

SAVITRIBAI PHULE PUNE UNIVERSITY

(Formerly University of Pune)

EXAMINATION CIRCULAR NO.189 OF 2017

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)

Examination of OCT/NOV 2017

(Under Faculty of SCIENCE AND TECHNOLOGY : B)ENGINEERING)

INSTRUCTIONS FOR CANDIDATES

1. Candidates are required to be present at the examination centre, FIFTEEN MINUTES before the time fixed for the first paper and TEN MINUTES before the time of each subsequent paper.
2. Candidates are forbidden from taking any material into the examination hall, that can be used for malpractice at the time of examination.
3. Candidates are requested to see the Notice Board at their place of examination regularly for changes if any, that may be notified later in the program.
4. No request for any special concession such as a change in time or any day fixed for the University Examination on any ground shall be granted.
5. Candidates are requested to note the Day, Date and Time of every Paper on every day.
6. Candidates are permitted to use stencils at the time of examination.
7. Candidates appearing for the examinations are expected to provide themselves with Side- rules.
8. The exchange or loan of side-rules, drawing instruments of other materials used in the examination hall is Not Permitted while the examinations are in process.
9. Candidates must bring their own instruments and will not be allowed to borrow from each other under any circumstances.
10. Use of non-programmable battery operated electronic Calculator of Pocket-size is allowed. The exchange of Calculators is not allowed.
11. The written examination will be conducted in the following order.

PDEA's College Of Architecture Akurdi Pune 44

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COLLEGE OF ARCHITECTURE
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Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 | E-mail : principal@coa-pdea.org | Web. : www.coa-pdea.org

PROGRAMME OF B.ARCH. & B.ARCH.(BRIDGE COURSE) (2008 PATTERN)/F-2017

	THIRD YEAR B.ARCH.(BRIDGE COURSE)	THIRD YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Monday 23/10/2017	BUILDING TECHNOLOGY & MATERIALS – III (313423)	BUILDING TECHNOLOGY & MATERIALS – III (313424)
Tuesday 24/10/2017	THEORY OF STRUCTURES –III (313425)	THEORY OF STRUCTURES – III (313426)
Wednesday 25/10/2017	BUILDING SERVICES-I (313428)	BUILDING SERVICES-II (313428)
Thursday 26/10/2017	QUANTITY SURVEYING & ESTIMATING (313430)	ARCHITECTURAL DESIGN III *(Enlodge) (313422) **10.30 AM To 04.30 PM**
Friday 27/10/2017	SPECIFICATION WRITING (313431)	ARCHITECTURAL DESIGN – III * (313422) **10.30 AM To 05.30 PM**

	FOURTH YEAR B.ARCH.(BRIDGE COURSE)	FOURTH YEAR B.ARCH.
Day & Date	**Time-10.30 AM To 01.30 PM**	**Time-10.30 AM To 01.30 PM**
Saturday 28/10/2017	TOWN PLANNING (413429)	TOWN PLANNING (413429)
Monday 30/10/2017	PROFESSIONAL PRACTICE (413431)	PROFESSIONAL PRACTICE (413431)
Tuesday 31/10/2017	ARCHITECTURAL DESIGN-IV * (Enlodge) (413424) **10.30 AM To 04.30 PM**	QUANTITY SURVEYING & ESTIMATING (413425)
Wednesday 01/11/2017	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	SPECIFICATION WRITING (413427)
Thursday 02/11/2017	ARCHITECTURAL DESIGN-IV * (413424) **10.30 AM To 05.30 PM**	

NOTE:-

NOTE:-
** Interval 1:30 pm to 2:30 pm*
The Sessional assessment & viva-voce, oral examination of Third Year (2008-Pattern) will be conducted between 25.09.2017 To 07.10.2017

Ganeshkhind, Pune - 411 007
Ref.No/XCT/909
Date:28/06/2017

Dr. Ashok Chavan
Director
Board of Examinations And Evaluation

PDEA's College Of Architecture Akurdi Pune-44

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COLLEGE OF ARCHITECTURE
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1.1.1.

The Institution Ensures Effective Curriculum Planning And Delivery Through A Well-Planned And Documented Process

G) Academic Meeting Notices (AY- 2021-22 to 2017-2018)

PDEA College of Architecture Akurdi, Pune-44

Pune District Education Association's

College of Architecture, Akurdi, Pune - 411044

COA/A/2022-23 Date:22 Dec 2022

NOTICE

This is to inform all Teaching and Non-Teaching staff that, there will be a meeting at 12:00pm on Saturday 24th December 2022. Attendance to this meeting is compulsory for all our teaching and non-teaching staff. This meeting will be for a discussion regarding the Examination work.

Principal

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Pune 44

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College of Architecture, Akurdi, Pune - 411044

COA/A/2022-23 Date: 24 December 2022

Teaching Staff & Non Teaching Staff			
Sr.No	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor **(Design Chair)**	
4	Prof. Shouryashil Saste	Assistant Professor **CEO**	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rakesh Mutha	Assistant Professor	
7	Prof. Aniket Shendge	Assistant Professor	
8	Prof. Aditya Malkar	Assistant Professor	
9	Prof. Maitreyee joshi	Assistant Professor	
10	Prof. kajal Sawant	Assistant Professor	
11	Prof. samruddhi Arte	Assistant Professor	
12	Prof. Siddharth Oswal	Assistant Professor	
13	D.B.Taksale	Librarian	
14	Ravindra Waidande	Accountant	
15	Deepali Sarolikar	Clerk	
16	Vikas Darwatkar	Technician	
17	Chandrkant Bhosle	Attendant	

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COA/A/2021-22 Date:23rd Nov 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11.30am on Wednesday 23rd November, 2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the New Session Start Academic Year 2022-23 1st Year,2nd Year,3rd Year,4th Year,5th Year.

- **Agenda of the staff meeting:**

1. New Session Start 1,2,3,4,5
2. Final Year Thesis Schedule
3. COA Portfolio Finalization Discussion
4. Current Sessional Marks Discussion

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COA/A/2022-23 Date: 23rd November 2022

Teaching Staff			
Sr.No	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor **(Design Chair)**	
4	Prof. Shouryashil Saste	Assistant Professor **CEO**	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rakesh Mutha	Assistant Professor	
7	Prof. Aniket Shendge	Assistant Professor	
8	Prof. Aditya Malkar	Assistant Professor	
9	Prof. Maitreyee joshi	Assistant Professor	
10	Prof. kajal Sawant	Assistant Professor	
11	Prof. samruddhi Arte	Assistant Professor	
12	Prof. Siddharth Oswal	Assistant Professor	

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COA/A/2021-22

Date: 28th Sept 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 02.00pm on Monday 03/10/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the students Result Analysis (Backlog / YD)/ submission.

- **Agenda of the staff meeting:**

1. Students /Teacher Attendance
2. Teaching Plan (including submission dates)
3. Syllabus completion
4. Subject portfolio & academic Year 2021-22/ 2022-23
5. Result Analysis (Including Backlogs/ Y.D)

Pune District Education's College of Architecture Sector No. 28, PCNDTA, Akurdi, Pune - 411 044.

Principal

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COA/A/2022-23 Date: 3rd October 2022

Teaching Staff			
Sr.No	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (Design Chair)	
4	Prof. Shouryashil Saste	Assistant Professor CEO	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rakesh Mutha	Assistant Professor	
7	Prof. Aniket Shendge	Assistant Professor	
8	Prof. Shivali Lalbige	Assistant Professor	
9	Prof. Aditya Malkar	Assistant Professor	
10	Prof. Maitreyee joshi	Assistant Professor	
11	Prof. kajal Sawant	Assistant Professor	
12	Prof. samruddhi Arte	Assistant Professor	

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College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date: 03rd August 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 2.00pm on Wednesday 03/08/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the Timetable, committee, portfolio, workshops.

- **Agenda of the staff meeting:**

1. Timetable Discussion
2. Committee
3. Portfolio Finalization & Subject
4. August – workshop / Guest lecture Details.

Ar. Samruddhi Sarte
Ar. Kajal S.
Ar. Maitreyee Joshi
Ar. Shivali L.
Ar. Aditya M.
Ar. Prachi P.
AR. DEEPALI R.
AR. Pooja Kudale
S. M. Sarte

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COA/A/2021-22 Date: 02nd August 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:30 am on Thursday 03/08/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the Timetable, committee, portfolio, workshops.

- **Agenda of the staff meeting:**

1. Timetable Discussion
2. Committee
3. Portfolio Finalization & Subject
4. August – workshop / Guest lecture Details.

Pune District Education's College of Architecture PCNDTA, Akurdi, Pune - 411 044. Sector No. 28,

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COA/A/2022-23 Date: 03rd August 2022

Teaching Staff			
Sr.No	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (Design Chair)	
4	Prof. Abhijit Bhagat	Associate Professor HOD	
5	Prof. Pradhumn Ghugare	Associate Professor	
6	Prof. Shoryashil Saste	Assistant Professor CEO	
7	Prof. Deepali Randhe	Assistant Professor	
8	Prof. Rakesh Mutha	Assistant Professor	
9	Prof. Aniket Shendge	Assistant Professor	
10	Prof Pooja Kudale	Assistant Professor	
11	Prof. Shivali Lalbige	Assistant Professor	
12	Prof. Aditya Malkar	Assistant Professor	
13	Prof. Maitree joshi	Assistant Professor	
14	Prof. kajal Sawant	Assistant Professor	
15	Prof. samruddhi Arte	Assistant Professor	

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Pune District Education Association's

College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date: 30th August 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11.00pm on Friday 02/09/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the 4th year subject & Allotment, staff Attendance, students Attendance (August)Tour Discussion.

- **Agenda of the staff meeting:**

1. 4th Year Subject & Allotment
2. Staff Attendance
3. Students Attendance (August)
4. Tour Discussion

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COA/A/2022-23 Date: 02nd September 2022

Teaching Staff			
Sr.No	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (Design Chair)	
4	Prof. Abhijit Bhagat	Associate Professor HOD	
5	Prof. Pradhumn Ghugare	Associate Professor	
6	Prof. Shoryashil Saste	Assistant Professor CEO	
7	Prof. Deepali Randhe	Assistant Professor	
8	Prof. Rakesh Mutha	Assistant Professor	
9	Prof. Aniket Shendge	Assistant Professor	
10	Prof. Shivali Lalbige	Assistant Professor	
11	Prof. Aditya Malkar	Assistant Professor	
12	Prof. Maitree joshi	Assistant Professor	
13	Prof. kajal Sawant	Assistant Professor	
14	Prof. samruddhi Arte	Assistant Professor	

PDEA's College of Architecture Akurdi Pune-44

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College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date 21st July 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:30 am on Friday, 22/07/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the Academic Session 2022-23

- **Agenda of the staff meeting:**

1. Academic Session 2022-23
2. Timetable Discussion
3. Subject Allotment
4. Students Attendance
5. Teaching Plans and Related Design Topics Discussion.
6. [Review & under graduate under form – B] – COA
7. Admission 1st Year
8. Portfolio & Events in College
9. Attendance of staff on Regular Timing –
10. Load Adjustment should give before taking Leave/ Emergency leave.

Pune District Education's College of Architecture ★ Register No. 28, PCMDTA, Akurdi, Pune - 411 044.

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COA/A/2022-23 Date: 22st July 2022

Teaching Staff			
S.No.	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (**Design Chair**)	
4	Prof. Abhijit Bhagat	Associate Professor **HOD**	
5	Prof. Pradhumn Ghugare	Associate Professor	
6	Prof. Shoryashil Saste	Assistant Professor **CEO**	
7	Prof. Deepali Randhe	Assistant Professor	
8	Prof. Rakesh Mutha	Assistant Professor	
9	Prof. Aniket Shendge	Assistant Professor	
10	Prof. Pooja Kudale	Assistant Professor	
11	Prof. Shivali Lalbige	Assistant Professor	
12	Prof. Aditya Malkar	Assistant Professor	

PDEA's College Of Architecture Akurdi Pune 44

College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date- 10th March 2022

Notice

This is to inform all our teaching staff that there will be a meeting at 11:00 am on Thursday 16/03/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the student result analysis (Backlog/YD) and there submission.

- **Agenda of the staff meeting:**

5. Students/ Teacher Attendance.
6. Teaching plan (including submission dates).
7. Syllabus completion.
8. Result Analysis.

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COA/A/2021-22 Date: 16/03/ 2022

Teaching Staff			
S.No.	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (Design Chair)	
4	Prof. Abhijit Bhagat	Associate Professor **HOD**	
5	Prof. Shoryashil Saste	Assistant Professor **CEO**	
6	Prof. Deepali Randhe	Assistant Professor	14/03/22
7	Prof. Swati Rode	Assistant Professor	14/03/22
8	Prof. Prachi Agrawal	Assistant Professor	
9	Prof. Rashmi Rawat	Assistant Professor	
10	Prof. Rakesh Mutha	Assistant Professor	
11	Prof. Aniket Shendge	Assistant Professor	
12	Prof. Pooja Kudale	Assistant Professor	
13	Prof. Shivali Lalbige	Assistant Professor	
14	Prof. Susmita Pansare	Assistant Professor	

PDEA's College Of Architecture Akurdi Pune 44

Pune District Education Association's

College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date 12th April 2022

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:30 am on Tuesday, 12/04/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the NATA, Academic Progress.

- **Agenda of the staff meeting:**
  1. NATA
  2. Academic Progress
  3. Cultural
  4. Staff Attendance

HOD

Pune District Education's, College of Architecture Sector No. 28, PCNDTA, Akurdi, Pune - 411 044.

Principal

Principal
PDEA
College of Architecture,
Akurdi, Pune - 411 044.

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College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date: 12 April 2022

Teaching Staff			
S.No.	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor **(Design Chair)**	
4	Prof. Abhijit Bhagat	Associate Professor **HOD**	
5	Prof. Pradhumn Ghugare	Associate Professor	
6	Prof. Shoryashil Saste	Assistant Professor **CEO**	
7	Prof. Deepali Randhe	Assistant Professor	12/04/22
8	Prof. Swati Rode	Assistant Professor	12/04/22
9	Prof. Prachi Agrawal	Assistant Professor	
10	Prof. Rashmi Rawat	Assistant Professor	
11	Prof. Rakesh Mutha	Assistant Professor	12/04/22
12	Prof. Aniket Shendge	Assistant Professor	
13	Prof. Pooja Kudale	Assistant Professor	
14	Prof. Shivali Lalbige	Assistant Professor	Lalbige S.S
15	Prof. Aditya Malkar	Assistant Professor	

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College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date- 21st January 2022

Notice

This is to inform all our teaching staff that there will be a meeting at 11:00 am on Monday 31/01/2022. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the student result analysis (Backlog/YD) and there submission.

- **Agenda of the staff meeting:**

1. Students/ Teacher Attendance.
2. Teaching plan (including submission dates).
3. Syllabus completion.
4. Result Analysis.

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Principal

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College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date: 31st Jan 2022

Teaching Staff			
S.No.	**Name of the Candidate**	**Academic Designation**	**Sign**
1	Prof. Anita Joshi	**Principal**	
2	Prof. Nishant Gawande	**Vice Principal**	
3	Prof. Prashant Gadre	Professor (Design Chair)	
4	Prof. Abhijit Bhagat	Associate Professor **HOD**	
5	Prof. Shoryashil Saste	Assistant Professor **CEO**	
6	Prof. Deepali Randhe	Assistant Professor	
7	Prof. Swati Rode	Assistant Professor	
8	Prof. Prachi Agrawal	Assistant Professor	
9	Prof. Rashmi Rawat	Assistant Professor	
10	Prof. Rakesh Mutha	Assistant Professor	
11	Prof. Aniket Shendge	Assistant Professor	
12	Prof. Pooja Kudale	Assistant Professor	
13	Prof. Shivali Lalbige	Assistant Professor	
14	Prof. Susmita Pansare	Assistant Professor	
15	Prof. Vishnu Suresh	Assistant Professor	

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COA/A/2021-22 Date 22th Dec 2021

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:00 am on Friday, 24 December 2021. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the Academic progress review & next semester planning.

- **Agenda of the staff meeting:**
  1. Submission progress + Marking
  2. New year teaching plans
  3. Final year progress and Thesis + Guide Allotment
  4. Design briefs for all years
  5. Time tables for all years
  6. Exam Coordinator Duties

HOD

Principal

Principal
PDEA
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Pune District Education Association's

College of Architecture, Akurdi, Pune - 411044

COA/A/2021-22 Date 15th Nov. 2021

Teaching Staff			
Sr. No.	**Name**	**Designation**	**Sign**
1	Prof. Anita Joshi	Principal	
2	Prof. Nishant Gawande	Vice Principal	
3	Prof. Prashant Gadre	Professor	
4	Prof. Abhijit Bhagat	Associates Professor HOD	
5	Prof. Shouryashil Saste	Assistant Professor CEO	
6	Prof. Deepali Randhe	Assistant Professor	
7	Prof. Rashmi Rawat	Assistant Professor	–
8	Prof. Swati Rode	Assistant Professor	
9	Prof. Prachi Agarawal	Assistant Professor	–
10	Prof. Pooja Kudale	Assistant Professor	–
11	Prof. Aniket Shendge	Assistant Professor	
12	Prof. Shivali Lalbige	Assistant Professor	
13	Prof. sushmita Pansare	Assistant Professor	
14	Prof. Rakesh Mutha	Assistant Professor	
15.	Vishnu Suresh	"	

PDEA's College Of Architecture Akurdi Pune 44

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COA/A/2020-21 Date 5th August 2021

NOTICE

This is to inform all our teaching staff that there will be a meeting at 10:30 am on Thursday, 5th August, 2021. Attendance to this meeting is compulsory for all our Teaching Staff. This meeting will be for a discussion regarding the Academic Progress review of month July, 2021.

- Agenda of the staff meeting:
  - 1.Discussion on subject reports.
  - 2. Discussion on attendance
  - 3.Current status of marking with subjects of first year
  - 4. Discussion regarding commencement and conclusion of second year 2021.

HOD

Principal

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COA/A/2020-21 Date 5th August 2021

Teaching Staff			
Sr. No.	**Name**	**Designation**	**Sign**
1	Prof. Anita Joshi	Principal	
2	Prof. Nishant Gawande	Principal	
3	Prof. Abhijit Bhagat	Associates Professor HOD	
4	Prof. Chirag Gujar	Assistant Professor CEO	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rashmi Rawat	Assistant Professor	
7	Prof. Swati Rode	Assistant Professor	
8	Prof. Prachi Agarawal	Assistant Professor	
9	Prof. Ketaki Ashtekar	Assistant Professor	
10	Prof. Pooja Kudale	Assistant Professor	
11	Prof. Aniket Shendge	Assistant Professor	
12	Prof. Rakesh Mutha	Assistant Professor	

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COA/A/2020-21 Date 26th June 2021

NOTICE

This is to inform all our teaching staff that there will be a meeting at 10:00 am on Saturday, 26th June, on following link. Attendance to this meeting is compulsory for all our Teaching Staff. This meeting will be for a discussion regarding the Academic Progress review of month July, 2021.

Google Meet joining infoVideo call link: https://meet.google.com/gwk-udbb-dvq

- Agenda of the staff meeting:
  - 1.Discussion on subject reports.
  - 2.Current status of marking with subjects submission
  - 3.New syllabus and New Time Table
  - 4.Teaching Plan and schedule for next Month
  - 5. Preparation for new First year.

HOD

Principal

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COA/A/2020-21

Date 26th June 2021

Teaching Staff			
Sr. No.	**Name**	**Designation**	**Sign**
1	Prof. Anita Joshi	Principal	
2	Prof. Nishant Gawande	Vice Principal	
3	Prof. Abhijit Bhagat	Associates Professor HOD	
4	Prof. Chirag Gujar	Assistant Professor CEO	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rashmi Rawat	Assistant Professor	
7	Prof. Swati Rode	Assistant Professor	
8	Prof. Prachi Agarawal	Assistant Professor	
9	Prof. Ketaki Ashtekar	Assistant Professor	
10	Prof. Pooja Kudale	Assistant Professor	
11	Prof. Aniket Shendge	Assistant Professor	

12 Prof. Rakesh Mutha Assistant Professor

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COA/A/2019-20 Date- 07th June 2019

Notice

This is to inform all our teaching staff that there will be a meeting at 11:00 am on Monday 10/06/2019. Attendance to this meeting is compulsory for all our teaching staff. This meeting will be for a discussion regarding the time table, portfolio and subject allotment.

- **Agenda of the staff meeting:**

1. Timetable discussion.
2. Committee and portfolio allotment.
3. Workshop and guest lecture details.

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Academic Year 2019-20 Semester - I

Name and Designation of faculties and respectable persons' present on this meeting on Monday Dt. 10th June 2019 Moring 11:00am

Meeting member Attendance list –

Sr. No.	Name	Designation	Sign
1	Prof. Anita Joshi	Principal	
2	Prof. Nishant Gawande	Vice Principal	
3	Prof. Abhijit Bhagat	Associates Professor HOD	
4	Prof. Chirag Gujar	Assistant Professor CEO	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rashmi Rawat	Assistant Professor	
7	Prof. Swari Rode	Assistant Professor	
8	Prof. Prachi Agarawal	Assistant Professor	
9	Prof. Shruti Dhamane	Assistant Professor	
10	Prof. Asmita Medhi	Assistant Professor	
11	Prof. Rushikesh Shembekar	Assistant Professor	

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COA/A/2020-21 Date 4th June 2021

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:00 am on Friday, 4th June, 2021. Attendance to this meeting is compulsory for all our Teaching Staff. This meeting will be for a discussion regarding the Academic Progress review of month June, 2021.

- Agenda of the staff meeting:
  - Discussion regarding of online examination of April / May 2021
  - Evaluation of current Progress of teaching
  - Analysis of Student progress in month of May, 2021

HOD 04/06/2021

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Date 4th June 2021

Teaching Staff			
Sr. No.	**Name**	**Designation**	**Sign**
1	Prof. Anita Joshi	Principal	
2	Prof. Nishant Gawande	Principal	
3	Prof. Abhijit Bhagat	Associates Professor HOD	
4	Prof. Chirag Gujar	Assistant Professor CEO	
5	Prof. Deepali Randhe	Assistant Professor	
6	Prof. Rashmi Rawat	Assistant Professor	
7	Prof. Swati Rode	Assistant Professor	
8	Prof. Prachi Agarawal	Assistant Professor	
9	Prof. Ketaki Ashtekar	Assistant Professor	
10	Prof. Pooja Kudale	Assistant Professor	
11	Prof. Aniket Shendge	Assistant Professor	

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Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)
Ph. : 020-27650788, 25438705 E-mail : principal@coa-pdea.org Web. : www.coa-pdea.org

Date 27th July 2018

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:30 am on Monday, 6th August, 2018. Attendance to this meeting is compulsory for all our employees. This meeting will be for a discussion regarding the First Year Bachelor of Architecture Academic Progress review of month August 2018.

- Agenda of the staff meeting:
  - Discussion regarding Teaching Plans of all subjects
  - Evaluation of current Progress of teaching
  - Analysis of assignments for all subject
  - Analysis of Student progress in month of August 2018

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Date 28th August 2018

NOTICE

This is to inform all our teaching staff that there will be a meeting at 10:30 am on Monday, 3rd September, 2018. Attendance to this meeting is compulsory for all our employees. This meeting will be for a discussion regarding the First and Second Year Bachelor of Architecture Academic Progress review of month September 2018.

- Agenda of the staff meeting:
  - Discussion regarding Teaching Plans of all subjects
  - Evaluation of current Progress of teaching
  - Analysis of assignments for all subject
  - Analysis of Student progress in month of August 2018

HOD

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Date 3th April 2018

NOTICE

This is to inform all our teaching staff that there will be a meeting at 11:30 am on Wednesday, 4th April, 2018. Attendance to this meeting is compulsory for all our employees. This meeting will be for a discussion regarding the Academic Progress review of month March 2018.

- Agenda of the staff meeting:
  - Discussion regarding Teaching Plans of all subjects
  - Evaluation of current Progress of teaching
  - Analysis of assignments for all subject
  - Analysis of Student progress in month of March 2018

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Minutes of History Staff-Student Committee Meeting
04/04/2018 10.30am – 11-30am.

Present

Ar,Nishant Gawande
Ar.Abhijit Bhagat
Ar.Prashant Patil
Ar.Asmita Medhi
Er.Chirag Gujar

Minutes of Last Meeting

The minutes of the last meeting were read by the Chair and agreed to be accurate by those present.

Survey of Courses

1.Design-II = Basic Design Completed Design problem started
2.Tos-II = One-unit remaining
3.A.D.G.= Sketches with Cad Drawing started.
4.Climatology = Model making is remaining for climate zones.
5.Workshop= Wooden joinery completed and ADG model started
6.History = Models remaining, one assignment is pending
7.B.T.M.-II= All units are covered; three sheets need to finish in studio

Head of Department

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Date 1st Feb. 2018

NOTICE

This is to inform all our teaching staff that there will be a meeting at 10:30 am on Friday, 2nd February, 2018. Attendance to this meeting is compulsory for all our employees. This meeting will be for a discussion regarding the Academic Progress review of month January 2018.

- Agenda of the staff meeting:
  - Discussion regarding Teaching Plans of all subjects
  - Evaluation of current Progress of teaching
  - Analysis of assignments for all subject
  - Analysis of Student progress in month of January 2018

01/02/2018

HOD

01/02/18

Principal

Principal
PDEA's College Of Architecture
Akurdi
Pune 44

Minutes of History Staff-Student Committee Meeting
02/02/2018 10.30am – 11-30am.

Present

Ar,Nishant Gawande
Ar.Abhijit Bhagat
Ar.Prashant Patil
Ar.Asmita Medhi
Er.Chirag Gujar

Minutes of Last Meeting

The minutes of the last meeting were read by the Chair and agreed to be accurate by those present.

Survey of Courses

1.Design-II = Basic design need to start with six exercises
2.Tos-II = Two units completed
3.A.D.G.= Assignments needs to complete early.
4.Climatology = Assignments given need to complete early.
5.Workshop= Wooden Joinery need to start.
6.History = Model making for various subject need to start.
7.B.T.M.-II=Four need to complete

Head of Department

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Principal

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Date 5th March. 2018

NOTICE

This is to inform all our teaching staff that there will be a meeting at 10:30 am on Wednesday, 7th March, 2018. Attendance to this meeting is compulsory for all our employees. This meeting will be for a discussion regarding the Academic Progress review of month February 2018.

- Agenda of the staff meeting:
  - Discussion regarding Teaching Plans of all subjects
  - Evaluation of current Progress of teaching
  - Analysis of assignments for all subject
  - Analysis of Student progress in month of February 2018

HOD

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Principal

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Minutes of History Staff-Student Committee Meeting
07/03/2018 10.30am – 11-30am.

Present

Ar,Nishant Gawande
Ar.Abhijit Bhagat
Ar.Prashant Patil
Ar.Asmita Medhi
Er.Chirag Gujar

Minutes of Last Meeting

The minutes of the last meeting were read by the Chair and agreed to be accurate by those present.

Survey of Courses

1.Design-II = Design Project need to introduce
2.Tos-II = Four units completed
3.A.D.G.= Seven Sheets completed
4.Climatology = Assignments given need to complete early and Journal writing work is given
5.Workshop– Wooden Joinery started and B'I'M model need to start.
6.History = Model making started with Assignments given to students.
7.B.T.M.-II=Two units need to complete

Head of Department

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