



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

Criteria 2 –Teaching Learning and Evaluation

2.6 .1 Programme Outcomes (POs) and Course Outcomes (Cos) for all Programmes offered by the institution are stated and displayed on website and attained of POs and Cos are evaluated

Table of Content

Sr. No.	Subject
1	History of Architecture and Culture II
2	Advanced Building Technology and Services II
3	Architectural Design III
4	Electives I
5	History of Architecture and Culture III
6	Building Construction and Material I





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. 020-27650896, 27650897 Email. : pdeacoa@gmail.com Web. : www.pdeacoa.edu.in

PO SUMMARY

SUBJECT TITLE: History of Architecture and Culture II				
Subject Code: 1201914				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	1	Sessional	25+25	NA
Studio Periods per week	2	Viva/Oral	NIL	NA
Total Contact Periods (60 min period) per week	45	In-semester Examination	NIL	NA
		End-semester Examination	NIL	NA
Total Credits	2	Total Marks	500	NA

Course Outcome

CO1	Students are able to remember and perceive developments in architecture of India after the advent of Islam.
CO2	Students are able to understand the development of architecture with reference to form, technology and design principles
CO3	Students are able to analyse the different settlement patterns, landscape and architecture as a manifestation of culture
CO4	Students are able to evaluate the architectural developments by referring various structures and settlements & set parameters.





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. 020-27650896, 27650897 Email. : pdeacoa@gmail.com Web. : www.pdeacoa.edu.in

Course Outcome and its Relation to Program outcome:

CO	PO							
	1	2	3	4	5	6	7	8
1	2.3	2	2	2	2.3	2.3	2.3	2.3
2	3	2.8	3	2.8	3	2.8	3	2.8
3	2.6	2.9	2.6	2.9	2.9	2.9	2.6	2.6
4	2.9	2.9	2.6	2.6	2.6	2.6	2.9	2.9
Target Attainment (Average)	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.7

CO	PO							
	1	2	3	4	5	6	7	8
1	3	2	2	2	3	3	3	3
2	3	2	3	2	3	2	3	2
3	2	3	2	3	3	3	2	2
4	3	3	2	2	2	2	3	3
Target (Average)	2.8	2.5	2.3	2.3	2.8	2.5	2.8	2.5





Pune District Education Association's
COLLEGE OF ARCHITECTURE

Sector 28, Pradhikaran, Akurdi, Pune - 411044.



Affiliated to Savitribai Phule Pune University (PU/PN/ARCH/J476/2016)
Approved by Council of Architecture, New Delhi (MH-96) Govt. of Maharashtra, DTE, Mumbai. (DTE Code 6897)

Ph. 020-27650896, 27650897 Email. : pdeacoa@gmail.com Web. : www.pdeacoa.edu.in

PO SUMMARY

SUBJECT TITLE: Advanced Building Technology and Services II				
Subject Code: 4201563				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	3	Sessional	75+75	NA
Studio Periods per week	4	Viva/Oral	50	NA
Total Contact Periods (60 min period) per week	112	In-semester Examination	NIL	NA
		End-semester Examination	NIL	NA
Total Credits	5	Total Marks	200	NA

Course Outcome

CO1	Students are able to remember and perceive various advanced technologies used in construction
CO2	Students are able to understand the different construction details, structural systems, material and services required in buildings
CO3	Students are able to analyse the complex and special requirements of advanced technologies and services in buildings
CO4	Students are able to evaluate the technologies and services by referring various case studies and examples.
CO5	Based on analysis and evaluation, students are able to apply the knowledge of construction systems and services
CO6	Students are able to design and create various details in order to make better buildings





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. 020-27650896, 27650897 Email : pdeacoa@gmail.com Web : www.pdeacoa.edu.in

Course Outcome and its Relation to Program outcome:

CO	PO							
	1	2	3	4	5	6	7	8
1	2.4	2.4	2.1	2.4	2.1	2.4	2.4	2.1
2	2.7	2.7	2.2	2.4	2.4	2.4	2.7	2.7
3	2.8	2.6	2.8	2.8	2.8	2.8	2.6	2.6
4	2.2	2.4	2.4	2.7	2.7	2.4	2.7	2.4
5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
6	1.6	1.9	2.1	1.9	2.1	2.1	1.9	2.1
Target Attainment (Average)	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4

CO	PO							
	1	2	3	4	5	6	7	8
1	3	3	2	3	2	3	3	2
2	3	3	1	2	2	2	3	3
3	3	2	3	3	3	3	2	2
4	1	2	2	3	3	2	3	2
5	3	3	3	3	3	3	3	3
6	1	2	3	2	3	3	2	3
Target (Average)	2.3	2.5	2.3	2.7	2.7	2.7	2.7	2.7





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. 020-27650896, 27650897 Email : pdeacoa@gmail.com Web : www.pdeacoa.edu.in

SEE :

PDEA's COA			
SUBJECT TITLE	Advanced Building Technology and Services II		
Subject Code	4201563		
Academic Year	2021-22		
Year and Division	Fourth Year		
Maximum Marks	200		
Subject Faculty	Prof. Prashant G, Prof. Pooja K and Prof. Arun S		
1. Set Target for AY 2021-22			
Previous Examination Results	Last Academic Year (2020-21)	131.83	
A	Targeted Average marks for AY 2021-22	131.83	
B	Actual Avg Marks scored by students (Evaluated from results 2021-22)	95.55	
If B>A Y or N		N	
If No then set action plan for CO and submit	Remedial classes, site visits and more case studies for better understanding and model making		
If yes then			
C	No. of students on roll	40	
D	No. of students appeared	40	
E	No. of students above actual average marks	18	
F	% above actual avg. marks	45%	
Avg. SEE Attainment in %			
Level of CO Attainment through University Examination	0-30	Attainment Level 1	2
	30-60	Attainment Level 2	
	Above 60	Attainment Level 3	
G	No. of students failed	16	
H	No. of students passed	24	
I	% of passing	60%	

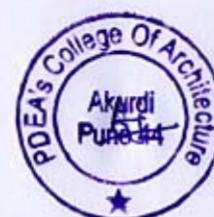


PO SUMMARY

SUBJECT TITLE: Architectural Design III				
Subject Code: 2201926				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	1	Sessional	125+1 25	NA
Studio Periods per week	6	Viva/Oral	50	NA
Total Contact Periods (60 min period) per week	7	In-semester Examination	NIL	NA
		End-semester Examination	NIL	NA
Total Credits	10	Total Marks	250	NA

Course Outcome

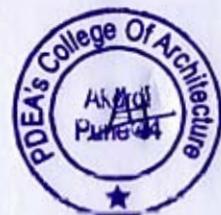
CO1	Students are able to remember and perceive various advanced technologies used in construction
CO2	Students are able to understand the different construction details, structural systems, material and services required in buildings
CO3	Students are able to analyse the complex and special requirements of advanced technologies and services in buildings
CO4	Students are able to evaluate the technologies and services by referring various case studies and examples.
CO5	Based on analysis and evaluation, students are able to apply the knowledge of construction systems and services
CO6	Students are able to design and create various details in order to make better buildings



Course Outcome and its Relation to Program outcome:

CO	PO							
	1	2	3	4	5	6	7	8
1	2.6	2.6	2.4	2.6	2.4	2.6	2.6	2.4
2	2.6	2.6	2.1	2.4	2.4	2.1	2.6	2.6
3	2.7	2.5	2.7	2.2	2.2	2.7	2.5	2.5
4	2.0	2.2	2.2	2.5	2.5	2.2	2.2	2.2
5	2.4	2.6	2.6	2.6	2.6	2.6	2.4	2.1
6	1.8	2.1	2.3	2.3	2.3	2.1	2.1	2.3
Target Attainment (Average)	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.3

CO	PO							
	1	2	3	4	5	6	7	8
1	3	3	2	3	2	3	3	2
2	3	3	1	2	2	1	3	3
3	3	2	3	1	1	3	2	2
4	1	2	2	3	3	2	2	2
5	2	3	3	3	3	3	2	1
6	1	2	3	3	3	2	2	3
Target (Average)	2.17	2.5	2.33	2.50	2.33	2.33	2.33	2.17



SEE :

PDEA's COA			
SUBJECT TITLE	Architectural Design III		
Subject Code	2201926		
Academic Year	2021-22		
Year and Division	Second Year		
Maximum Marks	250		
Subject Faculty	Prof. Swati Rode		
1. Set Target for AY 2021-22			
Previous Examination Results	Last Academic Year (2020-21)		156.5
A	Targeted Average marks for AY 2021-22		169.64
B	Actual Avg Marks scored by students (Evaluated from results 2021-22)		148.6
If B>A Y or N			N
If No then set action plan for CO and submit	Remedial classes, site visits and more case studies for better understanding and model making		
If yes then			
C	No. of students on roll		27
D	No. of students appeared		27
E	No. of students above actual average marks		11
F	% above actual avg. marks		40.7%
Avg. SEE Attainment in %			
Level of CO Attainment through University Examination	0-30	Attainment Level 1	2
	30-60	Attainment Level 2	
	Above 60	Attainment Level 3	
G	No. of students failed		03
H	No. of students passed		24
I	% of passing		88%



PO SUMMARY

SUBJECT TITLE: ELECTIVE I (CONTEMPORARY ARCHITECTURE)				
Subject Code: 3201940				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	1	Sessional	100	NA
Studio Periods per week	2	Viva/Oral	-	NA
Total Contact Periods (60 min period) per week	3	In-semester Examination	-	NA
		End-semester Examination	-	NA
Total Credits	2	Total Marks	100	NA

Course Outcome for Electives 1

CO1	Students are able to remember & correlate various planning styles & construction materials.
CO2	Students are able to the understand process of planning, Post-Modernism and other movements in Architecture.
CO3	Students are able to analyse the contemporary trends.
CO4	Students are able to evaluate the skill of orally presenting a topic of choice, and generating a discussion.
CO5	Based on the analysis & evaluation, Students are able to apply the knowledge to identify contemporary architecture.



Course Outcome and its Relation to Program outcome:

CO	PO							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	2	3	3	2
CO2	3	3	1	2	2	2	3	3
CO3	3	2	3	3	3	3	2	2
CO4	1	1	2	3	2	1	3	2
CO5	3	3	3	3	3	3	3	3
Target (Average)	2.60	2.40	2.20	2.80	2.40	2.40	2.80	2.40

CO	PO							
	1	2	3	4	5	6	7	8
1	2.9	2.9	2.6	2.9	2.6	2.9	2.9	2.6
2	3.0	3.0	2.5	2.8	2.8	2.8	3.0	3.0
3	2.8	2.5	2.8	2.8	2.8	2.8	2.5	2.5
4	2.0	2.2	2.2	2.5	2.5	2.2	2.5	2.2
5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Target Attained (Average)	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.5



SEE :

Collage Name: PDEA College of Architecture			
SUBJECT TITLE	ELECTIVE I (CONTEMPORARY ARCHITECTURE)		
Subject Code	3201940		
Academic Year	2021-22		
Year and Division	Third Year		
Maximum Marks	100		
Subject Faculty	Ar. Abhijit B., Ar. Rashmi R.		
1. Set Target for AY 2021-22			
Previous Examination Results	Last Academic Year (2019-20)	66.45	
	Last Academic Year (2020-21)	39.31	
A	Targeted Average marks for AY 2021-22	52.88	
B	Actual Avg Marks scored by students (Evaluated from results 2021-22)	66.66	
If B>A Y or N		Y	
If No then set action plan for CO and submit			
If yes then			
C	No. of students on roll	12	
D	No. of students appeared	12	
E	No. of students above actual average marks	8	
F	% above actual avg. marks	67%	
Avg. SEE Attainment in %			
Level of CO Attainment through University Examination	0-30	Attainment Level 1	3
	30-60	Attainment Level 2	
	Above 60	Attainment Level 3	
G	No. of students failed	0	
H	No. of students passed	12	
I	% of passing	100%	



PO SUMMARY

HISTORY OF ARCHITECTURE AND CULTURE III

SUBJECT TITLE: HISTORY OF ARCHITECTURE AND CULTURE III				
Subject Code: 2201922 [SS]				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	1	Sessional	50	NA
Studio Periods per week	2	Viva/Oral	-	NA
Total Contact Periods (60 min period) per week	3	In-semester Examination	-	NA
		End-semester Examination	-	NA
Total Credits	2	Total Marks	50	NA

COURSE OUTCOME FOR HISTORY OF ARCHITECTURE AND CULTURE III

COURSE OBJECTIVES (CO)	
CO1	Students are able to remember & perceive various architectural styles & architectural typology, architecture through the historical period.
CO2	Students are able to the understand process relationship of religion and society with architecture.
CO3	Students are able to analyze the drivers of change, revival, and evolution of architecture.



Course Outcome and its Relation to Program outcome:

CO	PO							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	1	2	3	3	3	2
CO2	3	3	3	2	1	3	2	3
CO3	3	2	2	3	2	3	1	1
Target (Average)	3.00	2.33	2.00	2.33	2.00	3.00	2.00	2.00

CO	PO							
	1	2	3	4	5	6	7	8
1	3.0	2.8	2.5	2.8	2.8	3.0	3.0	2.8
2	2.4	2.4	2.4	2.2	1.9	2.4	2.2	2.4
3	2.6	2.4	2.4	2.6	2.4	2.6	2.1	2.1
Target Attained (Average)	2.7	2.5	2.4	2.5	2.3	2.7	2.4	2.4



SEE :

Collage Name			
SUBJECT TITLE	HISTORY OF ARCHITECTURE & CULTURE III		
Subject Code	2201922 [SS]		
Academic Year	2021-22		
Year and Division	Second Year		
Maximum Marks	50		
Subject Faculty	Ar.Pooja Kudale, Ar. Aniket Shendge		
1. Set Target for AY 2021-22			
Previous Examination Results	Last Academic Year (2019-20)	34.15	
	Last Academic Year (2020-21)	32.16	
A	Targeted Average marks for AY 2021-22	33.15	
B	Actual Avg Marks scored by students (Evaluated from results 2020-21)	32.16	
If B>A Y or N		Y	
If No then set action plan for CO and submit			
If yes then			
C	No. of students on roll	27	
D	No. of students appeared	27	
E	No. of students above actual average marks	22	
F	% above actual avg. marks	81.48%	
Avg. SEE Attainment in %			
Level of CO Attainment through University Examination	0-30	Attainment Level 1	3
	30-60	Attainment Level 2	
	Above 60	Attainment Level 3	
G	No. of students failed	2	
H	No. of students passed	25	
I	% of passing	92.60%	



PO SUMMARY

BUILDING CONSTRUCTION AND MATERIAL I

SUBJECT TITLE: Building Construction and Material I				
Subject Code:				
Teaching Scheme		Examination Scheme	Marks	Duration
Theory Periods per week	2	Sessional	50	NA
Studio Periods per week	3	Viva/Oral	50	NA
Total Contact Periods (60 min period) per week	75	In-semester Examination	30	NA
		End-semester Examination	70	NA
Total Credits	7	Total Marks	200	NA

Course Outcome

CO1	Students are able to understand proper material based on contextual needs and apply appropriate technology of construction and material.
CO2	Students are able to develop a basic understanding of structure during detailing of construction
CO3	Students are able to apply knowledge of construction systems, techniques and methodology with specific reference to load bearing construction
CO4	Students are able to design details in order to make better buildings



Course Outcome and its Relation to Program outcome:

CO	PO							
	1	2	3	4	5	6	7	8
1	3.0	2.8	3.0	3.0	2.8	2.8	3.0	2.8
2	2.7	2.2	2.7	2.7	2.7	2.5	2.5	2.5
3	2.5	2.7	2.5	2.7	2.7	2.7	2.7	2.5
4	2.1	2.4	2.1	2.1	2.1	2.1	2.4	2.4
Target Attainment (Average)	2.6	2.5	2.6	2.6	2.6	2.5	2.6	2.5

CO	PO							
	1	2	3	4	5	6	7	8
1	3	2	3	3	2	2	3	2
2	3	1	3	3	3	2	2	2
3	2	3	2	3	3	3	3	2
4	2	3	2	2	2	2	3	3
Target (Average)	2.5	2.3	2.5	2.8	2.5	2.3	2.8	2.3



SEE :

PDEA's COA			
SUBJECT TITLE	Building Construction and Material I		
Subject Code	1201902		
Academic Year	2021-22		
Year and Division	First Year		
Maximum Marks	200		
Subject Faculty	Prof.Vishal Bafna		
1. Set Target for AY 2021-22			
Previous Examination Results	Last Academic Year (2019-20)	125.08	
	Last Academic Year (2020-21)	135.8	
A	Targeted Average marks for AY 2021-22	130.44	
B	Actual Avg Marks scored by students (Evaluated from results 2021-22)	136	
If B>A Y or N		Y	
If No then set action plan for CO and submit			
If yes then			
C	No. of students on roll	4	
D	No. of students appeared	4	
E	No. of students above actual average marks	3	
F	% above actual avg. marks	75%	
Avg. SEE Attainment in %			
Level of CO Attainment through University Examination	0-30	Attainment Level 1	3
	30-60	Attainment Level 2	
	Above 60	Attainment Level 3	
G	No. of students failed	0	
H	No. of students passed	4	
I	% of passing	100%	

