

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Deemed to be University

NAAC Accredited with A++ Grade

B. Arch. Scheme Structure & Semester-Wise Credit Distribution (Under Flexible Curriculum)

Annexure -VI

General Definition:

Category Code	Course category
L	Lecture
T	Tutorial
P/ST	Practical / Studio
DC	Departmental(Professional) Core
BSAE	Building Science & Applied Engineering
DE	Departmental(Professional) Elective
PAEC	Professional Ability Enhancement Course
SEC	Skill Enhancement Course
MAC	Mandatory Audit Course

Definition of Credit:

As per Council of Architecture (CoA) Recommendation

1Lecture period/ hour	1 Credit
2Lab/ Workshop/ Studio Exercise Periods/ Hours	1 Credit
1 Design Studio/ Construction Studio/ Project/ Thesis Period/ Hour	1.5 Credit

Credit Requirements & Guidelines for MOOCs

- As per the recommendation and Council of Architecture (CoA), Provision 260 credits have been made to pass the B. Architecture course of five Years.
- Note: In partial fulfillment of the flexible curriculum, a mandate provision to earn credits through E-Learning (NPTEL/MOOC etc.) based Departmental Core/Elective (DC/DE) has been introduced.
- Up to 52 credits out of total 260 credits for B. Architecture students can be earned through SWAYAM /NPTEL / MOOC platform based learning for the award of UG degree in Architecture
- The guidelines regarding “credit transfer from MOOCs” by All India Council of Technical Education (AICTE) and the affiliating university, i.e RGPV Bhopal, as issued from time to time will be binding on the institute.
- The list of courses which the students can opt from the SWAYAM /NPTEL / MOOC platform against DE courses in the scheme will be displayed on the website well in advance, (in November & June) so that students can select the courses of their choice. Each such Course must be of minimum 2 credits.
- For the courses opted under MOOC, the equivalent credit weightage will be given to the students, for the credits earned in online examination on SWAYAM/NPTEL platform and other similar platforms as approved by the authorized bodies (BoS, AC etc) , in the credit plan of the program

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Scheme of Evaluation

2023-2024 batch

Bachelor of Architecture, Third Year, VI Semester

S. No.	Subject Code	Subject Name	Category	Maximum Marks Allotted									Total Marks	Contact Periods per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot			MOOC								
				End Term Evaluation		Continuous Evaluation		End Sem Exam.	Continuous Evaluation										
				End Sem.	Proficiency in subject/ course	Assignm ent	Exam		Lab work & Sessional	Skill based mini project	Assignm ent	Exam		L	T	P			
1.	210625	Architectural Design VI	DC- 13	100	10	20	20	40	30	30			250	2	2	4*(1.5)	10	Offline**	AO
2.	210622	Building Services III (Acoustic & Fire Fighting)	BSAE- 14	50	10	20	20	-	-				100	2	1	-	3	Blended	PP
3.	210623	Site Planning and Landscaping Architecture	DC- 14	50	10	20	20	-	-				100	2	1	-	3	Blended	PP
4.	210626	Working Drawing	PAEC- 2	-	-	-	-	40	30	30			100	-	-	6	3	Offline**	SO
5.	-	ELECTIVE III	DE- 3	50	10	20	20	-	-				100	1	2	-	3	Blended	PP
6.	-	#ELECTIVE IV	DE- 4	-	-	-	-	-	-		25	75	100	2	1	-	3	Offline*	MCQ
7.		Novel engaging course	CLC					-	50				50			2	1	Interactive	SO
8.	210607	Tour/ seminar / Workshop/ Training during winter brea	EC- 8	-	-	-	-	50	-				50	-	-	2	1	Offline	SO
		Total		250	40	80	80	130	110	60	25	75	850	9	7	14	27		
9.	210610	Intellectual Property Rights	MAC-4	50	10	20	20	-	-	-			100	2	-	-	Grade	Blended	PP

Summer Internship Project III: Minimum four weeks duration: Evaluation in VII semester

***Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained etc. in that particular course/subject**

Compulsory registration for one online course using SWAYAM/NPTEL/ MOOC

*One Design Studio/ Construction Studio/ Project/ Thesis Period/ Hour shall have 1.5 Credit `

Mode of teaching				Mode of Exam				Total credits	
Theory			Studio	Theory			Studio		
Offline	Online	Blended		Offline	PP	AO	MCQ		SO
		Offline	Online						
7	-	6	6	8	15	4	-	8	27
26%	-	22%	22%	30%	55%	15%	-	30%	%

S no	Elective	Sub code	Sub Name
1	ELECTIVE III	210611	Housing
		210619	Design Thinking in Architecture
2	ELECTIVE IV# (Opted from NPTEL platform)	210654	Interior Design
		210656	Bioclimatic Architecture: Futureproofing with simple and advanced passive strategies
		210657	Disaster Recovery and Build Back Better

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2022-2023 batch onwards

Bachelor of Architecture, Fourth Year, VIII Semester

S. No.	Subject Code	Subject Name	Category	Maximum Marks Allotted									Total Marks	Contact Periods per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot			MOOC								
				End Term Evaluation		Continuous Evaluation		End Sem Exam.	Continuous Evaluation										
				End Sem.	Proficiency in subject/course	Mid Sem.	Quiz/ Assignment t /Sessional		Lab work & Sessional	Skill based mini project	Assignm ent	Exam		L	T	P			
1.	210815	Architectural Design VIII	DC- 17	-	-	-	-	100	100	50			250	-	-	8*(1.5)	12	Offline**	-
2.	210816	Urban Design	DC- 18	50	10	20	20	20	30				150	1	1	2	3	Blended**	PP
3.	210817	Professional Practice & Ethics	PAEC- 5	50	10	20	20	-	-				100	2	1	-	3	Blended**	PP
4.	210818	Dissertation	PAEC- 6	-	-		-	20	30				50	-	-	4	2	Blended**	-
5.		ELECTIVE VI	DE- 6	50	10	20	20	-	-				100	2	1	-	3	Blended*	PP
6.		ELECTIVE VII	DE- 7	-	-	-	-	-	-		25	75	100	2	1	-	3	Offline*	MCQ
7.	210819	Tour/ seminar / NASA/Workshop/Trainin during winter break	SEC- 10	-	-		-	50	-				50	-	-	2	1	Offline	SO
		Total		150	30	60	60	190	160	50	25	75	800	7	4	16	27		
		Tour/ seminar/ Workshop/ Training during winter break will be evaluated in VIII semester																	
		*Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained etc. in that particular course/subject																	

*One Design Studio/ Construction Studio/ Project/ Thesis Period/ Hour shall have 1.5 Credit

Mode of teaching				Mode of Exam				Total credits
Theory			Studio	Theory			Studio	
Offline	Online	Blended	Offline	PP	AO	MCQ	SO	
		Offline	Online					
7	-	6	6	8	15	4	-	8
26%	-	22%	22%	30%	55%	15%	-	30%
								27
								%

S no	Elective	Sub code	Sub Name	Remarks
1	ELECTIVE VI	210822	Furniture Design	
		210814	Sustainable Intervention in the Historic Building	
		210821	Environment and Architecture	
2	ELECTIVE VII [#]	210867	Research Methodology for Planning and Architectural Studies	Opted from NPTEL platform (Jan- June 2026)
		210866	Augmenting Design Thinking and Human-Computer Interaction	
		210865	Bioclimatic Architecture: Futureproofing with simple and advanced passive strategies	

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Scheme of Evaluation

2021-2022 batch onwards

Bachelor of Architecture, Fifth Year, X Semester

S.No.	Subject Code	Subject Name & Title	Category	Maximum Marks Allotted							Total Marks	Contact Periods per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam
				Theory Slot				Practical Slot									
				End Term Evaluation		Continuous Evaluation		End Sem Exam.	Continuous Evaluation								
				End Sem	Proficiency in subject/ course	Mid Sem. Exam	Quiz/ Assignment / Sessional		Lab work & Sessional	Skill based mini project							
1.	211011	Thesis Project	DC- 19	-	-	-	-	250	400	-	650	-	-	12*(1.5)	18	Blended	SO
2.	211012	Professional Development	SEC- 11	-	-	-	-	20	30	-	50	-	-	4	2	-	SO
3.		ELECTIVE VIII	DE- 8	50	10	20	20	-	-	-	100	-	-	4	2	Online **	Proctored online (MCQ)
		Total		50	10	20	20	270	430		800	-	-	22	22		

*One Design Studio/ Construction Studio/ Project/ Thesis Period/ Hour shall have 1.5 Credit
Professional Development - General Proficiency

Mode of teaching				Mode of Exam		Total credits
Practical				Proctored online	SO	
Offline	Online	Blended				
		Offline	Online			
-	2	14	6	2	20	22
-	9%	64%	27%	9%	91%	%

S no	Elective	Sub code	Sub Name	Remark
1	ELECTIVE DE- VIII	211023	Social Impact Design and Community Engagement	
		211021	Adaptive Reuse and Sustainable Retrofitting	
		211022	Cultural Architecture and Identity	