

NAAC Criterion-I

Curricular Aspects

Key Indicator -1.1 Curriculum Design and Development

Sub-Criteria -1.1.2



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Gola ka Mandir, Gwalior - 474005, Madhya Pradesh, India

SEMESTER	2019-2023 BATCH			2020-2024 BATCH			Overall Percentage change due to change in content
	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	
I	210112	Architectural Design I	210112	Architectural Design I	210112	Architectural Design I	26.27
	210113	Building Materials	210113	Building Materials	210113	Building Materials	
	210114	Graphics I	210114	Graphics I	210114	Graphics I	
	210115	Structure I	210115	Structure I	210115	Structure I	
	210116	History of Architecture I	210116	History of Architecture I	210116	History of Architecture I	
	210117	Workshop I	210117	Workshop I	210117	Workshop I	
	210118	Professional Communication	210118	Professional Communication	210118	Professional Communication	
II	210211	Architectural Design II	210211	Architectural Design II	210211	Architectural Design II	
	210212	Building Construction I	210212	Building Construction I	210212	Building Construction I	
	210213	Graphics II	210213	Graphics II	210213	Graphics II	
	210214	Structure II	210214	Structure II	210214	Structure II	
	210215	History of Architecture II	210215	History of Architecture II	210215	History of Architecture II	
	210216	Theory of Design	210216	Theory of Design	210216	Theory of Design	
	210217	Workshop II	210217	Workshop II	210217	Workshop II	
III	210311	Architectural Design III	210311	Architectural Design III	210311	Architectural Design III	
	210312	Building Construction II	210312	Building Construction II	210312	Building Construction II	
	210313	Graphics III	210313	Graphics III	210313	Graphics III	
	210314	Surveying & Leveling	210314	Surveying & Leveling	210314	Surveying & Leveling	
	210315	History of Architecture III	210315	History of Architecture III	210315	History of Architecture III	
	210316	Structure III	210316	Structure III	210316	Structure III	
	AR0323S1/S2/S3	Novel engaging courses Summer Internship Project I	AR0323S1/S2/S3	Novel engaging courses Summer Internship Project I	AR0323S1/S2/S3	Novel engaging courses Summer Internship Project I	
	210310	Biography for Architects	210310	Biography for Architects	210310	Biography for Architects	
IV	210413	Architectural Design IV	210413	Architectural Design IV	210413	Architectural Design IV	
	210414	Building Construction III	210414	Building Construction III	210414	Building Construction III	
	210415	Building Services I (Water Supply & Sanitation)	210415	Building Services I (Water Supply & Sanitation)	210415	Building Services I (Water Supply & Sanitation)	
	210416	History of Architecture IV	210416	History of Architecture IV	210416	History of Architecture IV	
	210417	Structure IV	210417	Structure IV	210417	Structure IV	
	DE I	ELECTIVE I 210421 - Ecology & Environment 210422 - Society, Culture And Architecture Novel engaging courses	DE I	ELECTIVE I 210421 - Ecology & Environment 210422 - Society, Culture And Architecture Novel engaging courses	DE I	ELECTIVE I 210421 - Ecology & Environment 210422 - Society, Culture And Architecture Novel engaging courses	
	210419	Tour/ Seminar / Workshop/ NASA Training during winter break	210419	Tour/ Seminar / Workshop/ NASA Training during winter break	210419	Tour/ Seminar / Workshop/ NASA Training during winter break	
	1000001	Indian constitution & Traditional Knowledge	1000001	Indian constitution & Traditional Knowledge	1000001	Indian constitution & Traditional Knowledge	
V	210514	Architectural Design V	210514	Architectural Design V	210514	Architectural Design V	
	210515	Building Construction IV	210515	Building Construction IV	210515	Building Construction IV	
	210516	Building Services II (Electrical & Mechanical)	210516	Building Services II (Electrical & Mechanical)	210516	Building Services II (Electrical & Mechanical)	
	210517	Building Sciences & Energy Conservation	210520	Green Building & Rating Systems	210520	Green Building & Rating Systems	
	DE II	ELECTIVE II 210521 - Architectural Photography & Journalism 210522 - Vernacular Architecture Novel engaging courses	210521	Culturally Responsive Built Environment	210521	Culturally Responsive Built Environment	
	210518	# Self study, Seminar (SWAYAM/NPTEL & MOOC)	210518	# Self study, Seminar (SWAYAM/NPTEL & MOOC)	210518	# Self study, Seminar (SWAYAM/NPTEL & MOOC)	
	210519	Novel engaging courses Summer Internship Project II	210519	Novel engaging courses Summer Internship Project II	210519	Novel engaging courses Summer Internship Project II	
	210510	Disaster Management	210510	Disaster Management	210510	Disaster Management	
VI	210615	Architectural Design VI	210615	Architectural Design VI	210615	Architectural Design VI	
	210616	Building Services III (Acoustic & Fire Fighting)	210616	Building Services III (Acoustic & Fire Fighting)	210616	Building Services III (Acoustic & Fire Fighting)	
	210617	Site Planning and Landscaping Architecture	210618	Working Drawing	210618	Working Drawing	
	210618	Working Drawing	210620	Building System Integration & Management	210620	Building System Integration & Management	
	DE III	ELECTIVE III 210611 - Housing 210619 - Design Thinking in Architecture Novel engaging courses	210621	Advanced Structural Systems	210621	Advanced Structural Systems	
	DE IV	ELECTIVE IV 210651 - Strategies for Sustainable Design 210652 - Environmental Impact Assessment 210653 - Urban Services Planning Novel engaging courses	DE II	ELECTIVE II 210651 - Strategies for Sustainable Design 210652 - Environmental Impact Assessment 210653 - Urban Services Planning Novel engaging courses	DE II	ELECTIVE II 210651 - Strategies for Sustainable Design 210652 - Environmental Impact Assessment 210653 - Urban Services Planning Novel engaging courses	
	210619	Tour/ seminar / Workshop/ Training during winter break	210619	Tour/ seminar / Workshop/ Training during winter break	210619	Tour/ seminar / Workshop/ Training during winter break	
	210610	Intellectual Property Rights	210610	Intellectual Property Rights	210610	Intellectual Property Rights	
VII	210711	Architectural Design VII	210711	Architectural Design VII	210711	Architectural Design VII	
	210712	Adv Building Construction	210712	Adv Building Construction	210712	Adv Building Construction	
	210713	Project Management & Building economics	210714	Estimating and Costing & Specifications	210714	Estimating and Costing & Specifications	
	210714	Estimating and Costing & Specifications	210720	Building Performance & Compliance	210720	Building Performance & Compliance	
	DE V	ELECTIVE V 210761 - Structural System in Architecture 210762 - Urban Landuse and transportation planning 210763 - Urban governance and Development Management (UGDM) Novel engaging courses	DE III	ELECTIVE III 210761 - Structural System in Architecture 210762 - Urban Landuse and transportation planning 210763 - Urban governance and Development Management (UGDM) Novel engaging courses	DE III	ELECTIVE III 210761 - Structural System in Architecture 210762 - Urban Landuse and transportation planning 210763 - Urban governance and Development Management (UGDM) Novel engaging courses	
	210717	Urban & Regional Planning	210721	Sustainable Cities & Communities	210721	Sustainable Cities & Communities	
	210719	Summer Internship Project III	210719	Summer Internship Project III	210719	Summer Internship Project III	
	210815	Architectural Design VIII	210815	Architectural Design VIII	210815	Architectural Design VIII	
VIII	210816	Urban Design	210817	Professional Practice & Ethics	210817	Professional Practice & Ethics	
	210817	Professional Practice & Ethics	210818	Dissertation	210818	Dissertation	
	210818	Dissertation	210820	Architectural Conservation & Historic Preservation	210820	Architectural Conservation & Historic Preservation	
	DE VI	ELECTIVE VI 210851 - Architectural Journalism 210852 - Housing Novel engaging courses	210821	City & Metropolitan Planning	210821	City & Metropolitan Planning	
	DE VII	ELECTIVE VII 210861 - Interior Design 210862 - Sustainable Architecture Novel engaging courses	210819	210851 - Interior Design 210852 - Housing Novel engaging courses	210819	210851 - Interior Design 210852 - Housing Novel engaging courses	
	210819	Tour/ seminar / NASA/Workshop/Training during winter break	210819	Tour/ seminar / NASA/Workshop/Training during winter break	210819	Tour/ seminar / NASA/Workshop/Training during winter break	
	210911	Professional Training	210911	Professional Training	210911	Professional Training	
IX	210912	Online Course (SWAYAM/ NPTEL/ COURSERA etc)	210912	Online Course (SWAYAM/ NPTEL/ COURSERA etc)	210912	Online Course (SWAYAM/ NPTEL/ COURSERA etc)	
	211011	Thesis Project	211011	Thesis Project	211011	Thesis Project	
X	211012	Professional Development	211012	Professional Development	211012	Professional Development	
	211013	ELECTIVE VIII PROFESSIONAL CERTIFICATION COURSE	211014	Photography, Journalism, Reviews & Travel Diary	211014	Photography, Journalism, Reviews & Travel Diary	
			211015	Geographic Information System	211015	Geographic Information System	