Maulana Abul Kalam Azad University of Technology, West Bengal
(Formerly West Bengal University of Technology)
Syllabus for Bachelor in Architecture (B. Arch)
(Applicable from the academic session 2019-2020)

Curriculum Structure

BACHELOR IN ARCHITECTURE (B. Arch.) -- 1st. SEMESTER

Code No.	Subject Name	L	S	P	TO	C
ARCH 101	Language Lab./Special English	2	0	0	2	2
ARCH 102	Mathematics – I	3	0	0	3	3
ARCH 103	Engineering Mechanics	3	0	0	3	3
ARCH 104	History of Art in Architecture	3	0	0	3	3
ARCH 181	Architectural Design - I	0	6	0	6	6
ARCH 182	Architectural Graphics - I	0	6	0	6	5
ARCH 183	Model Making	0	0	3	3	2
ARCH 184	NSS/ ECA/NCC/ Sports	0	0	3	3	2
	TOTAL	**11**	**12**	**6**	**29**	**26**

BACHELOR IN ARCHITECTURE (B. Arch.) – 2nd. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 201	Mathematics – II	3	0	0	3	3
ARCH 202	Strength of Materials	3	0	0	3	3
ARCH 203	History of Architecture-I(Hindu & Buddhist)	3	0	0	3	3
ARCH 204	Materials and construction-I	3	0	0	3	3
ARCH 281	Architectural Design –II	0	6	0	6	6
ARCH 282	Architectural Graphics -II	0	6	0	6	5
ARCH 283	Workshop Practice	0	0	2	2	2
ARCH 284	Educational Tour	0	0	2	2	1
	TOTAL	**12**	**12**	**4**	**28**	**26**

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BACHELOR IN ARCHITECTURE (B. Arch.) – 3rd. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 301	Structure – I	3	0	0	3	3
ARCH 302	Climatology	3	0	0	3	3
ARCH 303	History of Architecture-II(Islamic)	3	0	0	3	3
ARCH 304	Materials and construction-II	3	0	0	3	3
ARCH 381	Architectural Design –III	0	6	0	6	6
ARCH 382	Methods of Construction - I	0	4	0	4	4
ARCH 383	Computer Education	0	0	4	4	2
ARCH 384	Materials Testing Lab	0	0	4	4	2
	TOTAL	**12**	**12**	**6**	**30**	**26**

BACHELOR IN ARCHITECTURE (B. Arch.) – 4th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 401	Structure – II	3	0	0	3	3
ARCH 402	Acoustics	3	0	0	3	3
ARCH 403	History of Architecture-III(Classical & Renaissances)	3	0	0	3	3
ARCH 404	Materials and construction-III	3	0	0	3	3
ARCH 481	Architectural Design – IV	0	6	0	6	6
ARCH 482	Methods of Construction - II	0	4	0	4	4
ARCH 483	Computer Graphics -I	0	0	6	6	3
ARCH 484	Educational Tour	0	0	2	2	1
	TOTAL	**12**	**10**	**8**	**30**	**26**

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BACHELOR IN ARCHITECTURE (B. Arch.) – 5th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 501	Structure – III	3	0	0	3	3
ARCH 502	Building Services –I	3	0	0	3	3
ARCH 503	History of Architecture – IV(Modern)	3	0	0	3	3
ARCH 504	Materials & Construction - IV	3	0	0	3	3
ARCH 581	Architectural Design – V	0	8	0	8	8
ARCH 582	Methods of Construction - III	0	4	0	4	4
ARCH 583	Comp Graphics –II	0	0	2	2	1
ARCH 584	Survey Field work	0	0	2	2	1
	TOTAL	**15**	**6**	**15**	**28**	**26**

BACHELOR IN ARCHITECTURE (B. Arch.) – 6th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 601	Structure – IV	3	0	0	3	3
ARCH 602	Building Services – II	3	0	0	3	3
ARCH 603	History of Architecture –V(Contemporary)	3	0	0	3	3
ARCH 604	Landscape Design	3	0	0	3	3
ARCH 681	Architectural Design – VI	0	8	0	8	8
ARCH 682	Working Drawings	0	4	0	4	4
ARCH 683	Estimation & Valuation	0	0	2	2	1
ARCH 684	Educational Tour	0	0	2	2	1
	TOTAL	**13**	**4**	**19**	**28**	**26**

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BACHELOR IN ARCHITECTURE (B. Arch.) – 7th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 701	Structure in Architecture	3	0	0	3	3
ARCH 702	Building Services - III	3	0	0	3	3
ARCH 703	Bldg. Economics &Construction Management	3	0	0	3	3
ARCH 704	Urban Planning & Human Settlements	3	0	0	3	3
ARCH 781	Architectural Design – VII	0	9	0	9	9
ARCH 782	Interior Design	0	4	0	4	4
ARCH 783	Illumination	0	0	2	2	1
	TOTAL	**12**	**13**	**2**	**27**	**26**

BACHELOR IN ARCHITECTURE (B. Arch.) – 8th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 801	Energy Eff. Architecture	3	0	0	3	3
ARCH 802	Housing & Comm. Planning	3	0	0	3	3
ARCH 803	Urban Design	3	0	0	3	3
ARCH 804	Disaster Mitigation	3	0	0	3	3
ARCH 881	Architectural Design - VIII	0	9	0	9	9
ARCH 882	Thesis Programming	0	4	0	4	4
ARCH 883	Office Management	0	0	2	2	1
	TOTAL	**12**	**13**	**2**	**27**	**26**

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BACHELOR IN ARCHITECTURE (B. Arch.) – 9th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 981	Professional Training ##	0	0	52	52	26
	TOTAL	**0**	**0**	**52**	**52**	**26**

BACHELOR IN ARCHITECTURE (B. Arch.) – 10th. SEMESTER

Code No.	Subject	L	S	P	TO	C
ARCH 1001	**ELEC -I**	3	0	0	3	3
ARCH 1002	**ELEC-II**	3	0	0	3	3
ARCH 1081	**Architectural Thesis**	0	20	0	20	20
	TOTAL	**6**	**20**	**0**	**26**	**26**

ELEC –I   ADVANCED STRUCTURES
               COST EFFECTIVE BLDG.TECH ⎤
               BUILDING MAINTENANCE ⎬ any one subject from these
               INDUSTRIAL ARCHITECTURE ⎦
               BARRIER FREE ARCHITECTURE

ELEC –II   ADVANCED LANDSCAPE ⎤
               VERNACULAR ARCH ⎬ any one subject from these
               ENV. PLANNING ⎦
               CONSERVATION
               RETROFITTING

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At the end of training for full five months, each student will produce a certificate from the trainer firm and a report signed by the latter for a viva voce, evaluation and crediting.
L – lecture classes
S – studio classes
P – practical classes

Note: There will be no examination for Subjects having no Lecture Classes.