

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2019-24

1.	OBJECTIVE	To train design professionals who are innovative, creative for the environmental context, sensitive to social responsibilities to develop built environs that are lively, safe and with an identify of their own.				
2.	DURATION (IN MONTHS)	60 (Full Time)				
3.	INTAKE	40				
4.	RESERVATION	I. Within the sanctioned intake	a) SC (In Percentage)	b) ST (In Percentage)	c) Differently abled (In Percentage)	d) Domicile of Nagpur (In Percentage)
			15	7.5	3	25
		II. Over and above the sanctioned intake	a) Kashmiri Migrants (In Seats)		b) International Students (In Percentage)	
			2		15	
5.	ELIGIBILITY	<p>No candidate shall be admitted to architecture course unless she/ he has passed an examination at the end of the 10+2 scheme of examination with at least 50% aggregate marks in Physics, Chemistry & Mathematics and also at least 50% marks in aggregate of the 10+2 level examination OR passed 10+3 Diploma Examination with Mathematics as compulsory subject with at least 50% marks in aggregate or equivalent grade.</p> <p>In addition to the above, the candidate needs to qualify an Aptitude Test in Architecture conducted by the Council or by the competent authority of the Central Government or the respective State Government, complying with the Admission Norms.</p>				
6.	SELECTION PROCEDURE	<p>1. National Aptitude Test in Architecture (NATA) – 50%</p> <p>2. Qualifying examination – 30% i.e. 10+2 OR 10+3 years Diploma recognised by the Central / State governments OR IB Diploma OR equivalent</p> <p>3. Personal interview - 20%.</p>				
7.	MEDIUM OF INSTRUCTION	English				
8.	PROGRAMME PATTERN	Semester				
9.	COURSE & SPECIALIZATION	As per Annexure A				
10.	FEE		Academic Fee p.a	Institute Deposit	Total	

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		Indian Students	300000	20000	320000
		International Students (USD equivalent to INR)	450000	20000	470000
		Nagpur Domicile Students	255000	20000	275000
15 % Concession in the academic fees to the students admitted under 25 % quota for Nagpur domicile students to all programmes to be offered at the proposed Off-Campus Centre at Nagpur, from the Academic Year 2019-20					
11.	ASSESSMENT	All courses, except for Practical Training, would have 50% Internal Component {Continuous Evaluation (CA)} & 50% External Component {End Semester Examination (ESE) (University Examination)}, the weightage of internal marks for various courses of study in B. Arch. Course should not exceed 50% of the total marks. Practical Training would be evaluated for 100% of the marks externally. Internal Assessment of Sessional work shall be done periodically for all courses during a semester, in addition to the End-of-semester examinations.			
12.	STANDARD OF PASSING	The pass percentage shall not be less than 45% in each subject and shall not be less than 50% in aggregate per semester. A candidate shall not be permitted to enroll for the tenth semester Architectural Design Thesis/ dissertation/project course unless he/ she has successfully completed Practical Training/ Internship.			
13.	AWARD OF DEGREE/ DIPLOMA/ CERTIFICATE	Bachelor of Architecture (B. Arch.) will be awarded at the end of semester X examination by taking into consideration the performance of all semester examinations, upon completion of the minimum requirements of the programme. (Refer: Minimum Standards of Architectural Education, 2017 prescribed under section 21 of the Architects Act, 1972)			

14. NATURE WISE DISTRIBUTION OF CREDITS							
Semester	Generic Core	Generic Elective	Specialization Core	Specialization Elective	Open Elective	Audit	Total
1	28	0	0	0	0	0	28
2	28	0	0	0	0	1*	28
3	28	0	0	0	0	0	28
4	24	4	0	0	0	0	28
5	22	6	0	0	0	0	28
6	24	4	0	0	0	0	28
7	24	2	0	0	0	0	26
8	20	0	0	0	0	0	20
9	22	4	0	0	0	0	26
10	21	3	0	0	0	0	24
Total	241	23	0	0	0	0	264

* Satisfactory completion of the letter grade course 'Integrated Disaster Management' is mandatory for award of degree.

Programme Structure is approved by the Academic Council subject to its norms & conditions. Any provision in the Programme Structure which violates the basic rules & regulations is deemed to be termed "Null & Void".

Head-Academics

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Annexure A

Catalog Course Code	Course Code	Course Title	Course Type	Lecture	Tutorial	Studio / Practical	Total Credits	Evaluation	
								CA	ESE
Semester : 1									
Generic Core Courses									
T8559	080221101	Architectural Design I	PC	0	3	4	5	60	65
T8561	080221102	Architectural Graphics Skills I	PC	0	2	6	5	60	65
T8560	080221103	Building Construction and Materials I	BS & AE	1	1	2	3	35	40
T8562	080221104	Basic Design and Visual Arts I	PC	0	2	2	3	35	40
T8563	080221105	Carpentry and Model Making Workshop	PC	0	3	0	3	35	40
T8564	080221106	Structural Design System I	BS & AE	3	0	0	3	35	40
T8565	080221107	Surveying and Leveling	BS & AE	1	0	2	2	25	25
T8566	080221108	Built Environment and Social Science	BS & AE	2	0	0	2	25	25
T8567	080221109	Environmental Studies I	BS & AE	2	0	0	2	25	25
Total				9	11	16	28	335	365
Semester : 2									
Generic Core Courses									
T8568	080221201	Architectural Design II	PC	0	3	4	5	60	65
T8570	080221202	Architectural Graphics Skills II	PC	0	2	6	5	60	65
T8569	080221203	Building Construction and Materials II	BS & AE	1	1	2	3	35	40
T8571	080221204	Carpentry and Model Making Workshop	PC	0	3	0	3	35	40
T8572	080221205	Basic Design and Visual Arts II	PC	0	2	2	3	35	40
T8573	080221206	Structural Design System II	BS & AE	3	0	0	3	35	40
T8574	080221207	History of Architecture and Culture I	PC	2	0	0	2	25	25
T8575	080221208	Climatology I	BS & AE	2	0	0	2	25	25
T8576	080221209	Environmental Studies II	BS & AE	2	0	0	2	25	25
T4005	080221210	Integrated Disaster Management *		0	0	0	Letter Grade	0	0
Total				10	11	14	28	335	365
Semester : 3									
Generic Core Courses									
T8577	080221301	Architectural Design III	PC	0	3	6	6	75	75
T8579	080221302	Architectural Graphics Skills III	PC	0	2	6	5	60	65
T8578	080221303	Building Construction and Materials III	BS & AE	1	1	2	3	35	40
T8580	080221304	Basic Design and Visual Arts III	PC	0	2	2	3	35	40
T8582	080221305	Structural Design System III	BS & AE	3	0	0	3	35	40
T8581	080221306	Architectural Computer Applications	SEC	0	2	0	2	25	25
T8583	080221307	History of Architecture and Culture II	PC	2	0	0	2	25	25
T8584	080221308	Climatology II	BS & AE	2	0	0	2	25	25
T8585	080221309	Art in Public Spaces (IICTE)	OE	0	2	0	2	25	25
Total				8	12	16	28	340	360
Semester : 4									
Generic Core Courses									
T8586	080221401	Architectural Design IV	PC	0	3	6	6	75	75
T8587	080221402	Building Construction & Materials IV	BS & AE	1	1	2	3	35	40

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T8589	080221403	Site Planning	PC	0	3	0	3	35	40
T8590	080221404	Structural Design System IV	BS & AE	3	0	0	3	35	40
T8593	080221405	Specification & Estimation I	PC	3	0	0	3	35	40
F0002	080221406	Flexi-Credit Course		0	0	0	2	50	0
T8588	080221407	Vernacular Architecture	PE	0	0	4	2	25	25
T8591	080221408	Building Services I	BS & AE	2	0	0	2	25	25
T8592	080221409	History of Architecture and Culture III	PC	2	0	0	2	25	25
T8594	080221410	Street Furnitures (IICTE)	OE	0	2	0	2	25	25
Total				11	9	12	28	365	335
Semester : 5									
Generic Core Courses									
T8595	080221501	Architectural Design V	PC	0	4	6	7	85	90
T8597	080221502	Structural Design System V	BS & AE	4	0	0	4	50	50
T8601	080221503	Theoty of Design	PE	0	2	4	4	50	50
T8596	080221504	Building Construction & Materials V	BS & AE	1	0	4	3	35	40
F0002	080221505	Flexi-Credit Course		0	0	0	2	50	0
T8598	080221506	Building Services II	BS & AE	2	0	0	2	25	25
T8599	080221507	History of Architecture and Culture IV	PC	2	0	0	2	25	25
T8600	080221508	Specification and Estimation II	PC	2	0	0	2	25	25
T8FCC	080221509	FCC	OE	0	2	0	2	25	25
Total				11	8	14	28	370	330
Semester : 6									
Generic Core Courses									
T8602	080221601	Architectural Design VI	PC	0	4	6	7	85	90
F0004	080221602	Flexi-Credit Course		0	0	0	4	100	0
T8603	080221603	Building Construction & Materials VI	BS & AE	1	0	4	3	35	40
T8604	080221604	Landscape Design	PC	0	3	0	3	35	40
T8606	080221605	Structural Design System VI	BS & AE	3	0	0	3	35	40
T8605	080221606	Study of Human Settlement	PC	0	2	0	2	25	25
T8607	080221607	Building Byelaws	PAECC	2	0	0	2	25	25
T8608	080221608	Building Services III	BS & AE	2	0	0	2	25	25
T8609	080221609	History of Architecture and Culture V	PC	2	0	0	2	25	25
Total				10	9	10	28	390	310
Semester : 7									
Generic Core Courses									
T8610	080221701	Architectural Design VII (Housing Studio)	PC	0	3	12	9	110	115
T8615	080221702	Seminar	PAECC	0	3	4	5	60	65
T8611	080221703	Building Construction & Materials VII	BS & AE	0	2	2	3	35	40
T8612	080221704	Research Skills	PAECC	0	3	0	3	35	40
F0002	080221705	Flexi-Credit Course		0	0	0	2	50	0
T8613	080221706	Advanced Building Services I	BS & AE	2	0	0	2	25	25
T8614	080221707	Advanced Structural Design System	BS & AE	2	0	0	2	25	25
Total				4	11	18	26	340	310
Semester : 8									

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Catalog Course Code	Course Code	Course Title	Course Type	Lecture	Tutorial	Studio / Practical	Total Credits	Evaluation	
								CA	ESE
Generic Core Courses									
T8820	080221801	Practical Training	PAECC	0	0	40	20	0	500
Total				0	0	40	20	0	500
Semester : 9									
Generic Core Courses									
T8616	080221901	Architectural Design VIII (Urban Design)	PC	0	3	14	10	125	125
T8707	080221902	Dissertation	PAECC	0	5	4	7	85	90
T8618	080221903	Advanced Bulding Services II	BS & AE	0	2	2	3	35	40
F0002	080221904	Flexi-Credit Course		0	0	0	2	50	0
T8617	080221905	Building Construction and Materials VIII	BS & AE	0	1	2	2	25	25
T8619	080221906	Town Planning	PE	0	2	0	2	25	25
Total				0	13	22	26	345	305
Semester : 10									
Generic Core Courses									
T8818	0802211001	Architectural Design IX (Thesis Project)	PC	0	12	12	18	225	225
F0003	0802211002	Flexi-Credit Course		0	0	0	3	75	0
T8621	0802211003	Professional Practice	PAECC	3	0	0	3	35	40
Total				3	12	12	24	335	265

Abbreviations:

1	PC	Professional Core
2	BS & AE	Building Sciences and Applied Engineering
3	EC	Elective Course
4	PE	Professional Elective
5	OE	Open Elective
6	PAEC	Professional Ability Enhancement Courses
7	PAECC	Professional Ability Enhancement Compulsory Courses
8	SEC	Skill Enhancement Courses

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Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester1	0	28	28	700
Semester2	0	28	28	700
Semester3	0	28	28	700
Semester4	2	26	28	700
Semester5	2	26	28	700
Semester6	4	24	28	700
Semester7	2	24	26	650
Semester8	0	20	20	500
Semester9	2	24	26	650
Semester10	3	21	24	600
Total	15	249	264	6600

The approval of the program structure is subject to compliance with norms laid down by Council of Architecture for the B. Arch. Program under:

1. Minimum standards of architectural education, 2017 prescribed under section 21 of the architects act, 1972.
2. The gazette of India, extraordinary part iii, section 4, published by authority, (no. 63) New Delhi, Wednesday, February 13, 2019.