Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

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)	e) International Students (In Percentage)
			15	7.5	3	25 (Includes i. Scheduled Caste (percentage) - 15 ii. Scheduled Tribes (percentage) - 7.5 iii. Differently Abled (percentage) - 3)	15
		II.Over and above the sanctioned intake	**a) Kashmiri Migrants (In Seats)**				
			2				
5.	ELIGIBILITY	(1) No candidate shall be admitted to B.Arch. course unless she/ he has passed in 10+2 scheme of examination with PCM subjects or pass in 10+3 Diploma with Mathematics, as the case may be. (2) The Candidates who have qualified the aptitude test i.e. NATA or JEE, with pass percentage in 10+2 scheme of Examination with PCM or 10+3 Diploma with Mathematics shall be eligible for admission to B.Arch. Course for academic session 2020-21. (The above eligibility shall be applicable for the academic session 2020-2021, as a one-time measure, in view of Covid-19 Pandemic and the resultant restrictions imposed and continuing in larger public interest.)					
6.	SELECTION PROCEDURE	1. Qualify in NATA or JEE Paper. 2. Personal interview - 50%. 3. Qualifying examination i.e. 10+2 OR 10+3 years Diploma recognized by the					

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

		Central / State governments OR IB Diploma OR equivalent - 30%. 4. SSC Examination - 20%.			
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**
		Indian Students	300000	20000	320000
		International Students (USD equivalent to INR)	450000	20000	470000
		Nagpur Domicile Students	255000	20000	275000
11.	**ASSESSMENT**	All external courses would have 40% Internal Component {Continuous Evaluation (CA)} & 60 % External Component {End Semester Evaluation (ESE)}. All Internal courses will have 100 % component as internal evaluation at the Institute level. Internal Assessment of Sessional work shall be done periodically for all courses during a semester, in addition to the end-of-semester evaluation.			
12.	**STANDARD OF PASSING**	The pass percentage shall not be less than 50% in each course. Independent Passing under each Head (CA and ESE) is necessary for all the courses. 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.			

Grading Scale

Grade	Marks	Grade Point	Class
P	50 - 54.99	5.75	Pass Class
D	55 - 59.99	6.25	Second Class
C	60 - 64.99	6.75	Higher Second Class
C+	65 - 69.99	7.25	First Class
B	70 - 74.99	7.75	First Class
B+	75 - 79.99	8.25	First Class
A	80 - 84.99	8.75	First Class with Distinction

A+	85 - 89.99	9.25	First Class with Distinction
O	90 and above	9.75	First Class with Distinction

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 by obtaining 5.75 CGPA out of 10 CGPA. (Refer: 1. Minimum Standards of Architectural Education, 2017 prescribed under section 21 of the Architects Act, 1972. 2. Council of Architecture (Minimum Standards of Architectural Education) (Amendment) Regulations, 2020.)

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	27	0	0	0	0	1*	27
3	27	0	0	0	0	1*	27
4	23	4	0	0	0	1*	27
5	23	4	0	0	0	0	27
6	27	0	0	0	0	0	27
7	21	6	0	0	0	0	27
8	18	0	0	0	0	0	18
9	22	6	0	0	0	0	28
10	20	6	0	0	0	0	26
Total	**236**	**26**	**0**	**0**	**0**	**0**	**262**

* Satisfactory completion of the non letter grade courses 'Integrated Disaster Management' and 'Fitness for Life' and 'Certificate in COVID-19 Care for the Community' is mandatory for the award of degree.

The revised programme structure supersedes the previously approved programme structure dated 08/04/2021 for the programme.

This Programme Structure is aligned with the norms laid down by the University and is approved by the Academic Council.
Hereafter changes (if any) which conform to the policy on "Curriculum Development and Review" would be permissible, subject to revision of the Programme Structure, following the specified processes.

Head - Academics

THIS IS SYSTEM GENERATED DOCUMENT AND REQUIRES NO SIGNATURE.

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Practical / Studio / Tutorial Marks	ESE	Total
									Evaluation		
Semester : 1											
Generic Core Courses											
T8559	0802210101	Architectural Design I	PC	0	2	3	5	125	0	0	125
T8561	0802210102	Architectural Graphics Skills I	PC	5	0	0	5	50	75	0	125
T8560	0802210103	Building Construction and Materials I	BS & AE	1	1	1	3	30	0	45	75
T8562	0802210104	Basic Design and Visual Arts I	PC	3	0	0	3	30	45	0	75
T8651	0802210105	Carpentry and Model Making Workshop I	PC	4	0	0	4	100	0	0	100
T8649	0802210106	Structural Design System I	BS & AE	2	0	0	2	20	0	30	50
T8565	0802210107	Surveying and Leveling	BS & AE	1	1	0	2	50	0	0	50
T8691	0802210108	Introduction to History of Architecture and Culture	PC	2	0	0	2	50	0	0	50
T8567	0802210109	Environmental Studies I	BS & AE	2	0	0	2	50	0	0	50
Total				**20**	**4**	**4**	**28**	**505**	**120**	**75**	**700**
Semester : 2											
Generic Core Courses											
T8568	0802210201	Architectural Design II	PC	0	2	3	5	125	0	0	125
T8570	0802210202	Architectural Graphics Skills II	PC	5	0	0	5	50	75	0	125
T8569	0802210203	Building Construction and Materials II	BS & AE	1	1	1	3	30	0	45	75
T8653	0802210204	Carpentry and Model Making Workshop II	PC	4	0	0	4	100	0	0	100
T8572	0802210205	Basic Design and Visual Arts II	PC	3	0	0	3	30	45	0	75
T8645	0802210206	Structural Design System II	BS & AE	2	0	0	2	20	0	30	50
T8654	0802210207	History of Architecture, Art and Culture I	PC	3	0	0	3	30	0	45	75
T8575	0802210208	Climatology I	BS & AE	2	0	0	2	20	0	30	50
T4005	0802210209	Integrated Disaster Management *		0	0	0	Non Letter Grade	0	0	0	0
Total				**20**	**3**	**4**	**27**	**405**	**120**	**150**	**675**
Semester : 3											
Generic Core Courses											

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation Practical / Studio / Tutorial Marks	ESE	Total
T8577	0802210301	Architectural Design III	PC	0	3	3	6	150	0	0	150
T8655	0802210302	Architectural Graphics Skills III	PC	3	0	0	3	30	45	0	75
T8578	0802210303	Building Construction and Materials III	BS & AE	1	1	1	3	30	0	45	75
T8643	0802210304	Digital Graphics & Art	SEC	3	0	0	3	75	0	0	75
T8646	0802210305	Structural Design System III	BS & AE	2	0	0	2	20	0	30	50
T8656	0802210306	Architecture Computer Application	SEC	3	0	0	3	75	0	0	75
T8657	0802210307	History of Architecture, Art and Culture II	PC	3	0	0	3	30	0	45	75
T8584	0802210308	Climatology II	BS & AE	2	0	0	2	20	0	30	50
T2474	0802210309	Project Business Development	OE	2	0	0	2	50	0	0	50
TH4272	0802210310	Certificate in COVID-19 Care for the Community *		0	0	0	Non Letter Grade	0	0	0	0
		Total		**19**	**4**	**4**	**27**	**480**	**45**	**150**	**675**
		Semester : 4									
		Generic Core Courses									
T8586	0802210401	Architectural Design IV	PC	0	3	3	6	150	0	0	150
T8587	0802210402	Building Construction & Materials IV	BS & AE	1	1	1	3	30	0	45	75
T8647	0802210403	Structural Design System IV	BS & AE	2	0	0	2	20	0	30	50
T8593	0802210404	Specification & Estimation I	PC	3	0	0	3	30	45	0	75
T8369	0802210405	Basics of Media and Film Design	OE	2	0	0	2	50	0	0	50
T8591	0802210406	Building Services I	BS & AE	2	0	0	2	20	0	30	50
T8658	0802210407	History of Architecture, Art and Culture III	PC	3	0	0	3	30	0	45	75
T2802	0802210408	Project-Customer Relationship Management	OE	2	0	0	2	50	0	0	50
TH4095	0802210409	Fitness for Life *		0	0	0	Non Letter Grade	0	0	0	0

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation Practical / Studio / Tutorial Marks	ESE	Total
		Total		**15**	**4**	**4**	**23**	**380**	**45**	**150**	**575**
		Generic Elective Courses Group									
T8680	0802210410	Principles of Product Design	PE	2	0	0	2	50	0	0	50
T8588	0802210411	Vernacular Architecture	PE	2	0	0	2	50	0	0	50
T8682	0802210412	Photography	PE	2	0	0	2	50	0	0	50
T8674	0802210413	Design Thinking and Innovation	PE	2	0	0	2	50	0	0	50
T8642	0802210414	Presentation skills	PE	2	0	0	2	50	0	0	50
T8670	0802210415	Indian Art and Culture	PE	2	0	0	2	50	0	0	50
		Total		**4**	**0**	**0**	**4**	**100**	**0**	**0**	**100**
		Semester : 5									
		Generic Core Courses									
T8595	0802210501	Architectural Design V	PC	0	3	4	7	175	0	0	175
T8648	0802210502	Structural Design System V	BS & AE	2	0	0	2	20	0	30	50
T8596	0802210503	Building Construction & Materials V	BS & AE	1	1	1	3	30	0	45	75
T8598	0802210504	Building Services II	BS & AE	2	0	0	2	20	0	30	50
T8652	0802210505	History of Architecture, Art and Culture IV	PC	3	0	0	3	30	0	45	75
T8600	0802210506	Specification and Estimation II	PC	2	0	0	2	20	30	0	50
T8692	0802210507	Introduction to Working Drawing	SEC	2	0	0	2	20	30	0	50
T6730	0802210508	Short Stories from Around the World	OE	2	0	0	2	50	0	0	50
		Total		**14**	**4**	**5**	**23**	**365**	**60**	**150**	**575**
		Generic Elective Courses Group									
T8669	0802210509	Theory of Design	PE	2	0	0	2	50	0	0	50
T8672	0802210510	Urban Design	PE	2	0	0	2	50	0	0	50
T8671	0802210511	Fundamental of Sculpture	PE	2	0	0	2	50	0	0	50
T8696	0802210512	Advanced Software Skills	PE	2	0	0	2	50	0	0	50
		Total		**4**	**0**	**0**	**4**	**100**	**0**	**0**	**100**
		Semester : 6									
		Generic Core Courses									
T8602	0802210601	Architectural Design VI	PC	0	3	4	7	175	0	0	175
T8000	0802210602	Service Learning	OE	4	0	0	4	40	60	0	100

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Practical / Studio / Tutorial Marks	ESE	Total
T8603	0802210603	Building Construction & Materials VI	BS & AE	1	1	1	3	30	0	45	75
T8604	0802210604	Landscape Design	PC	0	3	0	3	30	45	0	75
T8606	0802210605	Structural Design System VI	BS & AE	3	0	0	3	30	0	45	75
T8607	0802210606	Building Byelaws	PAECC	2	0	0	2	50	0	0	50
T8608	0802210607	Building Services III	BS & AE	2	0	0	2	20	0	30	50
T8659	0802210608	History of Architecture, Art and Culture V	PC	3	0	0	3	30	0	45	75
Total				**15**	**7**	**5**	**27**	**405**	**105**	**165**	**675**
Semester : 7											
Generic Core Courses											
T8616	0802210701	Architectural Design VIII (Urban Design)	PC	0	5	5	10	100	150	0	250
T8661	0802210702	Seminar	PAECC	2	0	0	2	20	30	0	50
T8611	0802210703	Building Construction & Materials VII	BS & AE	1	1	1	3	30	0	45	75
T8613	0802210704	Advanced Building Services I	BS & AE	2	0	0	2	20	0	30	50
T8605	0802210705	Study of Human Settlement	PC	2	0	0	2	20	30	0	50
F0002	0802210706	Flexi-Credit Course	PAECC	2	0	0	2	50	0	0	50
Total				**9**	**6**	**6**	**21**	**240**	**210**	**75**	**525**
Generic Elective Courses Group											
T8686	0802210707	Architectural Journalism	PE	2	0	0	2	20	30	0	50
T8678	0802210708	Green Building Rating System	PE	2	0	0	2	20	30	0	50
T8694	0802210709	Urban Art	PE	2	0	0	2	20	30	0	50
T8681	0802210710	Parametric Architecture	PE	2	0	0	2	20	30	0	50
T8683	0802210711	Typography	PE	2	0	0	2	20	30	0	50
T8684	0802210712	Art Appreciation	PE	2	0	0	2	20	30	0	50
T8685	0802210713	Contemporary Processes in Architecture	PE	2	0	0	2	20	30	0	50
T8677	0802210714	Biomimicry in Architecture	PE	2	0	0	2	20	30	0	50
T8687	0802210715	Architectural Design with Glass and Steel	PE	2	0	0	2	20	30	0	50
Total				**6**	**0**	**0**	**6**	**60**	**0**	**0**	**150**
Semester : 8											
Generic Core Courses											

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation Practical / Studio / Tutorial Marks	ESE	Total
T8818	0802210801	Practical Training	PAECC	18	0	0	18	0	450	0	450
		Total		**18**	**0**	**0**	**18**	**0**	**450**	**0**	**450**
		Semester : 9									
		Generic Core Courses									
T8650	0802210901	Architecture Design VIII (Urban Design)	PC	0	6	6	12	100	200	0	300
T8702	0802210902	Dissertation	PAECC	2	0	0	2	20	30	0	50
T8618	0802210903	Advanced Bulding Services II	BS & AE	2	0	0	2	20	0	30	50
T8693	0802210904	Building Information Modelling	SEC	4	0	0	4	40	60	0	100
T8676	0802210905	Entrepreneurship Skills for Architects	SEC	2	0	0	2	50	0	0	50
		Total		**10**	**6**	**6**	**22**	**230**	**290**	**30**	**550**
		Generic Elective Courses Group									
T8695	0802210906	Campus Planning	PE	2	0	0	2	20	30	0	50
T8705	0802210907	Graphic & Animation Design	PE	2	0	0	2	20	30	0	50
T8704	0802210908	Interior Design	PE	2	0	0	2	20	30	0	50
T8700	0802210909	Regional Architecture	PE	2	0	0	2	20	30	0	50
T8703	0802210910	Architectural Conservation	PE	2	0	0	2	20	30	0	50
T8701	0802210911	High- tech architecture	PE	2	0	0	2	20	30	0	50
T8619	0802210912	Town Planning	PE	2	0	0	2	20	30	0	50
T8673	0802210913	Building Performance and Compliance	PE	2	0	0	2	20	30	0	50
T8675	0802210914	Introduction to Design Management	PE	2	0	0	2	20	30	0	50
		Total		**6**	**0**	**0**	**6**	**60**	**0**	**0**	**150**
		Semester : 10									
		Generic Core Courses									
T8818	0802211001	Architectural Design IX (Thesis Project)	PC	0	9	9	18	200	250	0	450
T8667	0802211002	Professional Practice	PAECC	2	0	0	2	20	0	30	50
		Total		**2**	**9**	**9**	**20**	**220**	**250**	**30**	**500**
		Generic Elective Courses Group									
T8679	0802211003	Earthquake Resistance Architecture	PE	3	0	0	3	30	0	45	75
T8688	0802211004	Disaster Mitigation and Management	PE	3	0	0	3	30	0	45	75

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Annexure A

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	ESE	
T8689	0802211005	Universal Design	PE	3	0	0	3	30	0	45	75
T8699	0802211006	Sustainable Cities and Communities	PE	3	0	0	3	30	45	0	75
T8690	0802211007	Philosophy of Architecture	PE	3	0	0	3	30	45	0	75
T8702	0802211008	Furniture Design	PE	3	0	0	3	30	45	0	75
		Total		6	0	0	6	60	0	90	150

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
9   FCC   Floating Credit Courses

Nature wise Credit Distribution:

Nature	PC	BS&AE	PE	OE	PAEC	SEC	Total
Total credits Existing	130	52	26	12	28	14	262
COA %	50	20	10	5	10	5	100
SSPAD %	**49.6**	**19.8**	**9.9**	**4.6**	**10.7**	**5.3**	**100**

Symbiosis School of Planning, Architecture and Design, Nagpur
Bachelor of Architecture
Programme Structure 2020-25

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	15	13	28	700
Semester 2	9	18	27	675
Semester 3	14	13	27	675
Semester 4	14	13	27	675
Semester 5	13	14	27	675
Semester 6	9	18	27	675
Semester 7	2	25	27	675
Semester 8	0	18	18	450
Semester 9	2	26	28	700
Semester 10	0	26	26	650
Total	**78**	**184**	**262**	**6550**

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.
3. Council of Architecture (Minimum Standards of Architectural Education) (Amendment) Regulations, 2020; dated 6th August 2020.