



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

SIU/ACAD/2024/1041

Date: 28/02/2024

To
The Director
Symbiosis School of Planning, Architecture and Design,
Nagpur

Reference: SIU letters **SIU/U-110(SSPAD)/2021/1574** dated April 09, 2021, **SIU/U-110(SSPAD)/2021/1442** dated March 31, 2021, **SIU/U-110(SSPAD)/2020/2065** dated June 29, 2020, **SIU/U-110(SSPAD)/2020/431** dated January 23, 2020, **SIU/U-110(SSPAD)/2019/5758** dated December 20, 2019, **SIU/U-110(SSPAD)/2019/5457** dated December 05, 2019 and programme structure approval letter dated October 16, 2019.

Subject: Approval of the Revised Programme Structure of Bachelor of Architecture Programme for the batch 2019-24

Dear Madam,

Please find attached the revised programme structure of Bachelor of Architecture Programme Structure batch 2019-24.

The revised programme structure supersedes the previously approved programme structures referred in the above letter

Sr. No.	Programme	Revision No.
1	Bachelor of Architecture	R07

Thanking you.

Sincerely,

Dr. Asmita Dani
Director- Academics

Copy to: Controller of Examinations, SIU

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) Scheduled Castes – 15%
 b) Scheduled Tribes – 7.5%
 c) Differently Able - 3%
 d) International Students – 15%
 e) Domicile of Nagpur (In Percentage) -25%
- II. Over and above the sanctioned intake
 a) Kashmiri Migrants (In seats) - 2
- 5. ELIGIBILITY** 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.
- 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.
- 6. SELECTION PROCEDURE** 1.National Aptitude Test in Architecture (NATA) – 50%
 2.Qualifying examination – 30% i.e. 10+2 OR 10+3 years Diploma recognized by the Central / State governments OR IB Diploma OR equivalent
 3.Personal interview - 20%.
- 7. MEDIUM OF INSTRUCTION** English

8. **PROGRAMME PATTERN** Semester
9. **COURSES & SPECIALIZATION** As per Annexure A

10. **FEE** **Indian Students**

Academic Fee p.a.	Rs. 3,00,000
Institute Deposit	Rs. 20,000
Total	Rs. 3,20,000

International Students

Academic Fee p.a.	Rs. 4,50,000
Institute Deposit	Rs. 20,000
Total	Rs. 4,70,000

Nagpur Domicile Students

Academic Fee p.a.	Rs. 2,55,000
Institute Deposit	Rs. 20,000
Total	Rs. 2,75,000

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 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

Final Recommended Grade scale for B.Arch.			
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** 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 after obtaining minimum 5.75 CGPA out of 10CGPA.

14. NATURE WISE DISTRIBUTION CREDITS

Semester	Gene ric Core	Generic Elective	Specialization Core	Specializati on Elective	Ope n Elec tive	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	25	3	0	0	0	0	28
5	22	6	0	0	0	0	28
6	28	0	0	0	0	0	28
7	24	2	0	0	0	0	26
8	20	0	0	0	0	0	20
9	24	2	0	0	0	0	26
10	21	3	0	0	0	0	24
Total	248	16	0	0	0	0	264

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..


Director - Academics

Annexure A
Semester I

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8559	080221101	Architectural Design I	PC	0	3	4	5	50	75	0	125
T8561	080221102	Architectural Graphics Skills I	PC	0	2	6	5	50	0	75	125
T8560	080221103	Building Construction and Materials I	BS & AE	1	1	2	3	30	0	45	75
T8562	080221104	Basic Design and Visual Arts I	PC	0	2	2	3	30	45	0	75
T8563	080221105	Carpentry and Model Making Workshop	PC	0	3	0	3	75	0	0	75
T8564	080221106	Structural Design System I	BS & AE	3	0	0	3	30	0	45	75
T8565	080221107	Surveying and Leveling	BS & AE	1	0	2	2	50	0	0	50
T8566	080221108	Built Environment and Social Science	BS & AE	2	0	0	2	50	0	0	50
T8567	080221109	Environmental Studies I	BS & AE	2	0	0	2	50	0	0	50
Total				9	11	16	28	415	120	165	700

Semester II

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8568	080221201	Architectural Design II	PC	0	3	4	5	50	75	0	125
T8570	080221202	Architectural Graphics Skills II	PC	0	2	6	5	50	75	0	125
T8569	080221203	Building Construction and Materials II	BS & AE	1	1	2	3	30	0	45	75
T8571	080221204	Carpentry and Model Making Workshop	PC	0	3	0	3	75	0	0	75
T8572	080221205	Basic Design and Visual Arts II	PC	0	2	2	3	30	45	0	75
T8573	080221206	Structural Design System II	BS & AE	3	0	0	3	30	0	45	75
T8574	080221207	History of Architecture and Culture I	PC	2	0	0	2	20	0	30	50
T8575	080221208	Climatology I	BS & AE	2	0	0	2	20	0	30	50
T8576	080221209	Environmental Studies II	BS & AE	2	0	0	2	50	0	0	50
T4005	080221210	Integrated Disaster Management *		0	0	0	Letter Grade	0			
Total				10	11	14	28	355	195	150	700

Semester III

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8577	080221301	Architectural Design III	PC	0	3	6	6	60	90	0	150
T8579	080221302	Architectural Graphics Skills III	PC	0	2	6	5	50	75	0	125
T8578	080221303	Building Construction and Materials III	BS & AE	1	1	2	3	30	0	45	75
T8580	080221304	Basic Design and Visual Arts III	PC	0	2	2	3	75	0	0	75
T8582	080221305	Structural Design System III	BS & AE	3	0	0	3	30	0	45	75
T8581	080221306	Architectural Computer Applications	SEC	0	2	0	2	50	0	0	50
T8583	080221307	History of Architecture and Culture II	PC	2	0	0	2	20	0	30	50
T8584	080221308	Climatology II	BS & AE	2	0	0	2	20	0	30	50
T2474	080221309	Project Business Development	OE (FCC)	0	2	0	2	50	0	0	50
Total				8	12	16	28	385	165	150	700

Semester IV

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8586	080221401	Architectural Design IV	PC	0	3	6	6	60	90	0	150
T8587	080221402	Building Construction & Materials IV	BS & AE	1	1	2	3	30	0	45	75
T8640	080221403	Introduction to Product Design	PE	0	3	0	3	75	0	0	75
T8590	080221404	Structural Design System IV	BS & AE	3	0	0	3	30	0	45	75
T8593	080221405	Specification & Estimation I	PC	3	0	0	3	75	0	0	75
T8369	080221406	Basics of Media and Film Design	OE (FCC)	0	0	0	2	50	0	0	50
T8588	080221407	Vernacular Architecture	PE	0	0	4	2	50	0	0	50
T8591	080221408	Building Services I	BS & AE	2	0	0	2	20	0	30	50
T8592	080221409	History of Architecture and Culture III	PC	2	0	0	2	20	0	30	50
T2802	080221410	Project-Customer Relationship Management	OE (FCC)	0	2	0	2	50	0	0	50
Total				11	9	12	28	460	90	150	700

Semester V

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8595	080221501	Architectural Design V	PC	0	4	6	7	70	105	0	175
T8597	080221502	Structural Design System V	BS & AE	4	0	0	4	40	0	60	100
T8601	080221503	Theory of Design	PE	0	2	4	4	100	0	0	100
T8596	080221504	Building Construction & Materials V	BS & AE	1	0	4	3	30	0	45	75
T8672	080221505	Urban Design	PE	0	0	0	2	50	0	0	50
T8598	080221506	Building Services II	BS & AE	2	0	0	2	20	0	30	50
T8599	080221507	History of Architecture and Culture IV	PC	2	0	0	2	20	0	30	50
T8600	080221508	Specification and Estimation II	PC	2	0	0	2	50	0	0	50
T6730	080221509	Short Stories from Around the World	OE (FCC)	0	2	0	2	50	0	0	50
Total				11	8	14	28	430	105	165	700

Semester VI

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8602	080221601	Architectural Design VI	PC	0	4	6	7	70	105	0	175
T8000	080221602	Service Learning	OE (FCC)	0	0	0	4	100	0	0	100
T8603	080221603	Building Construction & Materials VI	BS & AE	1	0	4	3	30	0	45	75
T8604	080221604	Landscape Design	PC	0	3	0	3	30	45	0	75
T8606	080221605	Structural Design System VI	BS & AE	3	0	0	3	30	0	45	75
T8605	080221606	Study of Human Settlement	PC	0	2	0	2	50	0	0	50
T8607	080221607	Building Byelaws	PAEC C	2	0	0	2	50	0	0	50
T8608	080221608	Building Services III	BS & AE	2	0	0	2	20	0	30	50
T8609	080221609	History of Architecture and Culture V	PC	2	0	0	2	20	0	30	50
Total				10	9	10	28	400	150	150	700

Semester VII

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8610	080221701	Architectural Design VII (Housing Studio)	PC	0	3	12	9	90	135	0	225
T8615	080221702	Seminar	PAEC C	0	3	4	5	50	75	0	125
T8611	080221703	Building Construction & Materials VII	BS & AE	0	2	2	3	30	0	45	75
T8612	080221704	Research Skills	PAEC C	0	3	0	3	75	0	0	75
T8686	080221705	Architectural Journalism	PE	0	0	0	2	50	0	0	50
T8613	080221706	Advanced Building Services I	BS & AE	2	0	0	2	20	0	30	50
T8614	080221707	Advanced Structural Design System	BS & AE	2	0	0	2	20	0	30	50
Total				4	11	18	26	335	210	105	650

Semester VIII

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8820	080221801	Practical Training	PAEC C	0	0	40	20	0	500	0	500
Total				0	0	40	20	0	500	0	500

Semester IX

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8616	080221901	Architectural Design VIII (Urban Design)	PC	0	3	14	10	100	150	0	250
T8707	080221902	Dissertation	PAEC C	0	5	4	7	175	0	0	175
T8618	080221903	Advanced Building Services II	BS & AE	2	0	0	2	50	0	0	50
T8695	080221904	Campus Planning	PE	0	0	0	2	50	0	0	50
T8617	080221905	Building Construction and Materials VIII	BS & AE	0	2	2	3	30	0	45	75
T8619	080221906	Town Planning	PE	0	2	0	2	50	0	0	50
Total				2	12	20	26	455	150	45	650

Semester X

Catalog Course Code	Course Code	Course Title	Nature	Lecture	Tutorial	Studio / Practical	Total Credits	Continuous Assessment	Evaluation		Total
									Practical / Studio / Tutorial Marks	End Semester Examination marks	
T8818	0802211001	Architectural Design IX (Thesis Project)	PC	0	12	12	18	180	270	0	450
T8699	0802211002	Sustainable Cities and Communities	PE	0	0	0	3	75	0	0	75
T8621	0802211003	Professional Practice	PAECC	3	0	0	3	30	0	45	75
Total				3	12	12	24	285	270	45	600

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

Program Summary

Semester	Internal Credits	External Credits	Total Credits	Total Marks
Semester 1	9	19	28	700
Semester 2	5	23	28	700
Semester 3	7	21	28	700
Semester 4	12	16	28	700
Semester 5	10	18	28	700
Semester 6	8	20	28	700
Semester 7	5	21	26	650
Semester 8	0	20	20	500
Semester 9	13	13	26	650
Semester 10	3	21	24	600
Total	72	192	264	6600

The approval of the program structure is subjected 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.