Student's Induction Program

Motivating (Inspiring) Activities under Induction programme – A pre - post Architecture Programme Activity (02 weeks in the begining of first Semester and 02 weeks in the begining of second semester) Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to Local areas, Familiarization with Department/Branch and Innovation, etc. For details refer ANNEXURE-I.

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</div>

SMESTER-I

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Lecture L	Tutorial T	Studio S	Practical P	Seminar SM	Self Study SS	Total	Duration in Hours	CIE marks	Theory Marks	Term Work	Viva Marks	Total	Credits
1	PCC	21ARC11	Architectural Design-I	Architecture	–	–	7	–	–	–	7	–	100			100	200	7
2	BSAE	21ARC12	Materials & Methods in Building Construction-I	Architecture	1	–	3	–	–	–	4	–	50			50	100	4
3	PCC	21ARC13	Architectural Graphics-I	Architecture	–	–	4	–	–	–	4	–	50		50		100	4
4	PCC	21ARC14	History of Architecture-I	Architecture	3	–	–	–	–	–	3	3	50	50			100	3
5	PCC	21ARC15	Basic Design & Visual Arts	Architecture	2	–	3	–	–	–	5	–	50		50		100	5
6	SEC	21ARC16	Model Making Workshop	Architecture	–	–	4	–	–	–	4	–	100				100	4
7	AEC	**21IDT19**	**Innovation and Design Thinking**	Architecture	1	–	–	–	–	–	1	1	50	50			100	1
8	HSMC	**21HUM18**	**Communicative English**	Humanities	2	1	–	–	–	–	3	2	50	50			100	2
			Total		**9**	**1**	**21**	**–**	**–**	**–**	**31**	**6**	**500**	**150**	**100**	**150**	**900**	**30**

PCC- Professional Core Courses
BSAE- Building Science & Applied Engineering Courses.
SEC - Skill Enhancement Course
HSMC - Humanity Sciences and Management Courses
AEC-Ability Enhancement Course

Progressive Assessment (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher. Semester End Examination (SEE) will be conducted by VTU. Term work/ Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.
Minimum Marks to be secured for passing :
in CIE for passing: 50%.,
in Theory **(SEE)** marks, Term work marks/Viva marks : 40 % in each.
In agreegate (CIE+SEE) 50% maximum marks

Student's Induction Program

Motivating (Inspiring) Activities under Induction programme – A pre - post Architecture Programme Activity (02 weeks in the begining of first Semester and 02 weeks in the begining of second semester)
Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to Local areas, Familiarization with Department/Branch and Innovation, etc.(Refer ANNEXURE-I for details)

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SMESTER-II

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	Theory Marks	Term Work	Viva Marks	Total	Credits
					L	T	S	P	SM	SS								
1	PCC	21ARC21	Architectural Design- II	Architecture			7				7		100			100	200	7
2	BSAE	21ARC22	Materials and Methods in Building Construction-II	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC23	Architectural Graphics-II	Architecture			4				4		50		50		100	4
4	PCC	21ARC24	History of Architecture-II	Architecture	3						3	3	50	50			100	3
5	PCC	21ARC25	Basic Design & Theory of Design	Architecture	2		2				4	3	50			50	100	4
6	BSAE	21ENG26	Building Structure -I	Civil Engg	3						3	3	50	50			100	3
7	BSAE	21ENG27	Site Surveying and Analysis	Civil Engg				2			2		50		50		100	2
8	HSMC	**21EGH28**	**Professional Writing Skills in English**	**Humanity Sci Dept**	**1**	**1**		**1**			**2**	**2**	**50**	**50**			**100**	**2**
9	AEC	21SFH29	**Scientific Foundatioins of Health**	**Any Dept**	**1**						**1**	**1**	**50**	**50**			**100**	**1**
			Total		11	1	16	3	0	0	30	12	500	200	100	200	1000	30

PCC- Professional Core Courses
BSAE- Building Science & Applied Engineering Courses
HSMC - Humanity Sciences and Management Courses
AEC: Ability Enhancement Course
SEC - Skill Enhancement Course

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Minimum Marks to be secured for passing :
 in CIE for passing: 50%.,
 in Theory (SEE) marks, Term work marks/Viva marks : 40 % in each.
 In agreegate (CIE+SEE) 50% maximum marks.

SMESTER-III

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week						Total	Examination							Credits
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study		Duration in Hours	CIE marks	SEE Marks			Total	
														Theory Marks	Term Work	Viva Marks		
					L	T	S	P	SM	SS								
1	PCC	21ARC31	Architectural Design -III	Architecture			7				7		100			100	200	7
2	BSAE	21ARC32	Materials and Methods in Building Construction -III	Architecture	1		3				4		50			50	100	4
3	BSAE	21ARC33	Climatology	Architecture	3						3	3	50	50			100	3
4	PCC	21ARC34	History of Architecture -III	Architecture	3						3	3	50	50			100	3
5	BSAE	21ARC35	Building Services -I	Architecture	3						3	3	50	50			100	3
6	BSAE	21ARC66/ 21ENG66	Building Structure -II	Civil Engg	3						3	3	50	50			100	3
7	HSMC	21KSK37	**Samskrutika Kannada**	**Humanity Sci Dept**		1	0	0			1	1	50	50			100	1
		21KBK37	**Balake Kannada**															
8	PEC/OEC	21ARC38x	**Professional Elective-1**	Architecture	2						2		100				100	2
9	AEC	**21UH39**	**Social Connect & Responsibility**	**Any**	1	0	0	0	0	0	1	1	50	50			100	1
			Total		16	1	10	0	0	0	27	14	550	300		150	1000	27

PCC- Professional Core Courses
PEC - Professional Elective Courses(
OEC - -Open Elective Course
BSAE- Building Science & Applied Engineering Courses
SEC - Skill Enhancing Courses
HSMC- Humanity Science & Management Course
AEC: Ability Enhancement Course

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Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

Elective courses will provide some of the most valuable and memorable learning experiences in the Bachelor of Architecture program. The architecture electives allow students to diversify or concentrate their areas of knowledge. Students may select courses in digital applications, history and theory, landscape architecture, advanced drawing, architectural photography, visual training, design/build, management, and specialized independent studies. Advanced courses in architectural materials, construction technology, energy conscious design and structures emphasize the interrelationship of engineering and architecture, while digitally-enriched electives will maximize you're readiness to use tomorrow's most sophisticated design, analysis, and presentation tools. Courses in entrepreneurship, project and construction management and other subjects will prepare you for the day-to-day practice of architecture. **Open Elective Course(OEC)** enables an exposure to some other disciple or domain to nurture the candidate's proficiency or skill. Open Electives can be choosen from the approved list of the institution, from subjects of study other than Architecture which will add value to the course and enable the overall development of the student.

21KBK37 Balake Kannada is for non-Kannada speaking, reading, and writing students, and **21KSK37** Samskrutika Kannada is for students who speak, read and write Kannada.

Professional Elective Course-1	
21ARC381	Architectural Photography
21ARC382	Vernacular Architecture
21ARC383	Visual Communication
21ARC384	Art Appreciation

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SMESTER-IV

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination							Credits
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks			Total	
														Theory Marks	Term Work	Viva Marks		
					L	T	S	P	SM	SS								
1	PCC	21ARC41	Architectural Design -IV	Architecture			7				7		100			100	200	7
2	BSAE	21ARC42	Materials and Methods in Building Construction -IV	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC43	History of Architecture -IV	Architecture	3						3	3	50	50			100	3
4	BSAE	21ARC44	Building Services -II	Architecture	3						3	3	50	50			100	3
5	BSAE	21ARC45	Building Structure -III	Civil Engg	3						3		50			50	100	3
6	**HSMC**	**21ARC45/ 21CIP46**	**Constitution of India & Professional Ethics**	**HSMC**	1	1	0	0			2	1	50	50			100	1
7	SEC	21ARC47	Computer Application in Architecture -I	Architecture				4			4		100				100	4
8	PEC/OEC	21ARC48x	Professional Elective-2	Architecture	2						2		100				**100**	2
9	**UHV**	**21UH49**	**Universal Human Value**	**HSMC**		2	0	0			2	1	50	50			100	1
			Total		13	3	10	4	0		30	8	600	200		200	1000	28

PCC- Professional Core Courses
PEC - Professional Elective Courses(
OEC - -Open Elective Course
BSAE- Building Science & Applied Engineering Courses
SEC - Skill Enhancing Courses
PAEC - Professional Ability Enhancement Course
HSMC- Humanity Science & Management Course 		**AEC - Ability**
Enhancement Courses

**Progressive Assessment (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.
Minimum Marks to be secured in CIE for passing: 50%.   Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.**

Elective courses will provide some of the most valuable and memorable learning experiences in the Bachelor of Architecture program. The architecture electives allow students to diversify or concentrate their areas of knowledge.
Students may select courses in digital applications, history and theory, landscape architecture, advanced drawing, architectural photography, visual training, design/build, management, and specialized independent studies.
Advanced courses in architectural materials, construction technology, energy conscious design and structures emphasize the interrelationship of engineering and architecture, while digitally-enriched electives will maximize you're readiness to use tomorrow's most sophisticated design, analysis, and presentation tools. Courses in entrepreneurship, project and construction management and other subjects will prepare you for the day-to-day practice of architecture. Open Elective Course(OEC) enables an exposure to some other disciple or domain to nurture the candidate's proficiency or skill. Open Electives can be choosen from the approved list of the institution, from subjects of study other than Architecture which will add value to the course and enable the overall development of the student.

Professional Elective course-2

21ARC481	Environmental Responsive Architect
21ARC482	Product Design
21ARC483	Heritage Documentation
21ARC484	Craftmanship in Woodworking

SMESTER- V

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	Theory Marks	Term Work	Viva Marks	Total	Credits
					L	**T**	**S**	**P**	**SM**	**SS**								
1	PCC	21ARC51	Architectural Design -V	Architecture			8				8		100			100	200	8
2	BSAE	21ARC52	Materials and Methods in Building Construction -V	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC53	History of Architecture-V	Architecture	3						3	3	50	50			100	3
4	**HSMC**	21ARC54	Sociology & Building Economics	**HSMC**	3						3	3	50	50			100	3
5	BSAE	21ARC55	Building Services -III	Architecture	3						3	3	50	50			100	3
6	BSAE	**21ARC66/ 21ENG66**	Building Structure -IV	Civil Engg	3						3		50			50	100	3
7	SEC	21ARC57	Building Information Modelling	Architecture				4			4		100				100	4
8	**PEC/OEC**	**21ARC58X**	**Professional Elective-3**	Architecture	**2**	**0**	**0**				**2**	**2**	**100**				**100**	**2**
9	NCMC	**21PNY59**	**Physical Education(Sport & Atheltics0/NSS/YOGA**	**PE/NSS**				**2**			**2**	**2**	**100**				**100**	**0**
			Total		15	0	11	6	0		32	13	650	150		200	1000	30

PCC- Professional Core Courses
PEC - Professional Elective Courses(
OEC - -Open Elective Course
BSAE- Building Science & Applied Engineering Courses
SEC - Skill Enhancing Courses
PAEC - Professional Ability Enhancement Course
NCMC - Non-Credit Mandetory Course
AEC- Ability Enhancement Courses

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Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

1. The mandatory non – credit courses Physical Education (Sport and Athletics), Yoga and NSS I and II prescribed for V and VI semesters respectively, to the students admitted to V semester, shall attend corresponding the classes during the respective semesters to complete all the formalities of the course and appear for the University examination(CIE). In case, any student fails to register for the said course/fails to secure the minimum of 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the student has to fulfill the requirements during subsequent semester/s to appear for CIE

2. These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.

3. The students who take a course on Physical education he/she has to take up the CIE prescribed for 100 marks. The students who opt for the NSS course have to submit reports and attend to viva voce (CIE)examination. The marks for the report shall be 50 marks and for presentation and viva-voce 50 marks.

Professional Elective course-3

Course Code	Title of Course
21ARC581	Alternative Building technology & Materials
21ARC582	Digital Architecture
21ARC583	Architectural Lighting Design

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SMESTER-VI

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination						
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks			Total	Credits
														Theory Marks	Term Work	Viva Marks		
					L	T	S	P	SM	SS								
1	PCC	21ARC61	Architectural Design -VI	Architecture			8				8		100			100	200	8
2	BSAE	21ARC62	Materials and Methods in Building Construction -VI	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC63	Landscape Architecture	Architecture	3						3	3	50	50			100	3
4	PCC	21ARC64	**Contemporary Architecture**	Architecture	3						3	3	50	50			100	3
5	BSAE	21ARC65	Building Services -IV (Accoustics&Noise Control)	Architecture	3						3	3	50	50			100	3
6	BSAE	**21ARC66/ 21ENG66**	Building Structure -V	Civil Engg	3						3		50			50	100	3
7	PCC	21ARC67	Working Drawing-I	Architecture				4			4		100				100	4
8	PEC/OEC	21ARC68X	Professional Elective-4	Architecture	2	0	0				2	2	100				**100**	2
9	NCMC	**21PNY69**	**Physical Education(Sport & Atheltics0/NSS/YOGA**	**PE/NSS**				2			**2**	0	**100**				100	0
10	NCMC	21ARC69**A**	**Study Tour**	Architecture							0	0	50				50	0
			Total		15	0	11	6	0		32	11	700	150		200	1050	30

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OEC - -Open Elective Course
BSAE- Building Science & Applied Engineering Courses
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Ability Enhancement Courses

AEC-

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Advanced courses in architectural materials, construction technology, energy conscious design and structures emphasize the interrelationship of engineering and architecture, while digitally-enriched electives will maximize you're readiness to use tomorrow's most sophisticated design, analysis, and presentation tools. Courses in entrepreneurship, project and construction management and other subjects will prepare you for the day-to-day practice of architecture.

1. The mandatory non – credit courses Physical Education (Sport and Athletics), Yoga and NSS I and II prescribed for V and VI semesters respectively, to the students admitted to V semester, shall attend corresponding the classes during the respective semesters to complete all the formalities of the course and appear for the University examination(CIE). In case, any student fails to register for the said course/fails to secure the minimum of 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the student has to fulfill the requirements during subsequent semester/s to appear for CIE
2. These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.
3. The students who take a course on Physical education he/she has to take up the CIE prescribed for 100 marks. The students who opt for the NSS course have to submit reports and attend to viva voce (CIE)examination. The marks for the report shall be 50 marks and for presentation and viva-voce 50 marks.

Professional Elective Course-4	
21ARC681	Culture & Built Environment
21ARC682	Geographic Information System
21ARC683	Design of Highrise Buildings
21ARC684	Tectonics and Meaning

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SMESTER-VII

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Lecture L	Tutorial T	Studio S	Practical P	Seminar SM	Self Study SS	Total	Duration in Hours	CIE marks	Theory Marks	Term Work	Viva Marks	Total	Credits
														SEE Marks				
1	PCC	21ARC71	Architectural Design -VII	Architecture			8				8		100			100	200	8
2	BSAE	21ARC72	Materials and Methods in Building Construction -VII	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC73	Urban Design	Architecture	3						3	3	50	50			100	3
4	PCC	21ARC74	Professional Practice	Architecture	3						3	3	50	50			100	3
5	BSAE	21ARC75	Estimation & Costing	Civil engg	2	1					3	3	50	50			100	3
6	PCC	**21ARC76**	Interior Design	Architecture			3				3		50			50	100	3
7	PCC	21ARC77	Working Drawing-II	civil engg				4			4		100				100	4
8	PEC/OEC	21ARC78x	Professional Elective-5	Architecture	**2**	**0**	**0**				2		100				**100**	2
9	PAEC	21ARC79	Traffic Awerness and Road Safety	Architecture	1	0	0				1		100				100	1
			Total		12	1	14	4			31	9	650	150		200	1000	31

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SEC - Skill Enhancing Courses
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Advanced courses in architectural materials, construction technology, energy conscious design and structures emphasize the interrelationship of engineering and architecture, while digitally-enriched electives will maximize you're readiness to use tomorrow's most sophisticated design, analysis, and presentation tools. Courses in entrepreneurship, project and construction management and other subjects will prepare you for the day-to-day practice of architecture. Open Elective Course(OEC) enables an exposure to some other disciple or domain to nurture the candidate's proficiency or skill. Open Electives can be choosen from the approved list of the institution, from subjects of study other than Architecture which will add value to the course and enable the overall development of the student.

Professional Elective Course-5	
21ARC781	Craft in Architecture
21ARC782	Architectural writings & Journalism
21ARC783	Biomimicry

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SMESTER-VIII

SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Lecture / L	Tutorial / T	Studio / S	Practical / P	Seminar / SM	Self Study / SS	Total	Duration in Hours	CIE marks	Theory Marks	Term Work	Viva Marks	Total	Credits
														SEE Marks				
1	PCC	21ARC81	Architectural Design -VIII	Architecture			8				8		100			100	200	8
2	BSAE	21ARC82	Materials and Methods in Building Construction -VIII	Architecture	1		3				4		50			50	100	4
3	PCC	21ARC83	Urban Planning	Architecture	3						3	3	50	50			100	3
4	PCC	21ARC84	Thesis seminar	Architecture	2		4		1		7	7	100				100	7
5	PAEC	**21ARC85**	Construction and Project Management	Civil Engineering	2	1					3	3	50	50			100	3
6	BSAE	21ARC86	Earthquake Resistant Structures	Civil Engineering	2	1					3		50			50	100	3
7	**PEC/OEC**	21ARC87X	Professional Elective-6	Architecture	2						2	2	100				100	2
					12	2	15		1		30	15	500	100		200	800	30

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PEC - Professional Elective Courses(
OEC - -Open Elective Course
BSAE- Building Science & Applied Engineering Courses
SEC - Skill Enhancing Courses
PAEC - Professional Ability Enhancement Course

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Elective courses will provide some of the most valuable and memorable learning experiences in the Bachelor of Architecture program. The architecture electives allow students to diversify or concentrate their areas of knowledge.
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Professional Elective Course-6

Course Code	Title of Course
21ARC871	Research Methodology
21ARC872	Principles of Real Estate Development
21ARC873	Adoptive Re-Use of Built Forms
21ARC874	Fundamental of Entreprenuership

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173rd EC dated 31.07.2023

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SMESTER-IX

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week								Examination							
					Lecture	Tutorial	Studio		Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks			Total	Credits
							Core	Applied							Theory Marks	Term Work	Viva Marks		
					L	T	S	S	P	SM	SS								
1	PAEC / PCC	21ARC91	Architectural Design Project (Thesis)				8	8				16		100			200	300	16
			Total				**8**	**8**				**16**		**100**			**200**	300	**16**

PCC - Professional Core Course
PAEC - Professional Ability Enhancement Course

This is research writing in a thrust area in architecture. Methods of analysis should have a scientific basis and thorough investigative research is required from primary and secondary sources- through library research and literature review; documentation, etc. This can be a prelude to the Architectural Design Thesis.
Progressive Marks(CIE) to be awarded by the subject teacher. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.
Progressive Assessment (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.
Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % .

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BACHELOR OF ARCHITECTURE
Scheme of Teaching and Examination (2021)
Outcome basec Education (OBE) Choice Based Credit System (CBCS)

SMESTER- X

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Duration of professional	Duration in Hours	CIE marks	TheoryMarks	Term Work	Viva Marks	Total	Credits
								Examination				
								SEE Marks				
1	PAEC	21ARC101	Professional Training*	Architecture	16 weeks					200	200	18
			Total							**200**	**200**	**18**

PAEC - Professional Ability Enhancement Course

Progressive Assessment (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.
Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

* The commencement date of Professional Training shall be the date of commencement of the semester as notified by the University.

Orientation under an architect registered with Council of Architecture that would include the process of development of conceptual ideas, presentation skills, involvement in office discussions, client meetings, development of the concepts into working drawings, tendering procedure, site supervision during execution and coordination with the agencies involved in the construction process and to facilitate the understanding of the evolution of an architectural project from design to execution