

Motivating (Inspiring) Activities under Induction programme – A pre - post Architecture Programme Activity (02 weeks in the beginning of first Semester and 02 weeks in the beginning 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.

| Visvesvaraya Technological University, Belagavi | | | | | | | | | | | | | | | | | | | |
|--|-----------------|-------------|--|---------------|----------------------|----------|--------|-----------|---------|------------|-------|-------------------|-----------|--------------|-----------|------------|-------|----|---------|
| BACHELOR OF ARCHITECTURE | | | | | | | | | | | | | | | | | | | |
| Scheme of Teaching and Examination (2021) | | | | | | | | | | | | | | | | | | | |
| Outcome based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | | |
| SEMESTER-I | | | | | | | | | | | | | | | | | | | |
| 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 | | |
| | | | | | L | T | S | P | SM | SS | | | | Theory Marks | Term Work | Viva Marks | | | |
| 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 | |
| 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 aggregate (CIE+SEE) 50% maximum marks | | | | | | | | | | | | | | | | | | | |
| PCC- Professional Core Courses | | | | | | | | | | | | | | | | | | | |
| BSAE- Building Science & Applied Engineering Courses. | | | | | | | | | | | | | | | | | | | |
| SEC - Skill Enhancement Course | | | | | | | | | | | | | | | | | | | |
| HSMC - Humanity Sciences and Management Courses | | | | | | | | | | | | | | | | | | | |
| AEC-Ability Enhancement Course | | | | | | | | | | | | | | | | | | | |

Motivating (Inspiring) Activities under Induction programme – A pre - post Architecture Programme Activity (02 weeks in the beginning of first Semester and 02 weeks in the beginning 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)

| Visvesvaraya Technological University, Belagavi | | | | | | | | | | | | | | | | | | |
|--|-----------------|-------------|---|-------------------|----------------------|----------|--------|-----------|---------|------------|-------------|-------------------|-----------|--------------|-----------|------------|---------|-------|
| BACHELOR OF ARCHITECTURE | | | | | | | | | | | | | | | | | | |
| Scheme of Teaching and Examination (2021) | | | | | | | | | | | | | | | | | | |
| Outcome Based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | |
| SEMESTER-II | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 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 Foundations 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 |
| <div><div>PCC- Professional Core Courses BSAE- Building Science & Applied Engineering Courses HSMC - Humanity Sciences and Management Courses AEC: Ability Enhancement Course SEC - Skill Enhancement Course</div><div>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.</div></div> | | | | | | | | | | | | | | | | | | |

| Visvesvaraya Technological University, Belagavi BACHELOR OF ARCHITECTURE Scheme of Teaching and Examination (2021) Outcome based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | |
|---|-----------------|-------------|---|-------------------|---|----------|--------|-----------|---------|------------|-------|-------------------|-----------|--------------|-----------|------------|---------|-------|
| SEMESTER-III | | | | | | | | | | | | | | | | | | |
| SI No | Course category | Course Code | Title of the Subject | Teaching Dept | Teaching Hours/ Week | | | | | | Total | Duration in Hours | CIE marks | Examination | | | Credits | |
| | | | | | Lecture | Tutorial | Studio | Practical | Seminar | Self Study | | | | SEE Marks | | | | Total |
| | | | | | | | | | | | | | | Theory Marks | Term Work | Viva Marks | | |
| 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 | 21ARC36 | 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 | 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 Ability Enhancement Course | | | | | 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 discipline or domain to nurture the candidate's proficiency or skill. Open Electives can be chosen 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. | | | | | | | | | | | | | |
| 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. | | | | | 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-I

| Course Code | Title of Course |
|-------------|---------------------------|
| 21ARC381 | Architectural Photography |
| 21ARC382 | Vernacular Architecture |
| 21ARC383 | Visual Communication |
| 21ARC384 | Art Appreciation |

NOTE 01 HISTORY OF ARCHITECTURE -III , ISLAMIC AND COLONIAL ARCHITECTURE IN INDIA

| Visvesvaraya Technological University, Belagavi BACHELOR OF ARCHITECTURE Scheme of Teaching and Examination (2021) Outcome based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | |
|---|-----------------|-------------|--|---------------|---|----------|--------|-----------|---------|------------|-------|-------------------|-----------|--------------|-----------|------------|---------|-------|
| SMESTER-IV | | | | | | | | | | | | | | | | | | |
| Sl No | Course category | Course Code | Title of the Subject | Teaching Dept | Teaching Hours/ Week | | | | | | Total | Duration in Hours | CIE marks | Examination | | | Credits | |
| | | | | | Lecture | Tutorial | Studio | Practical | Seminar | Self Study | | | | SEE Marks | | | | Total |
| | | | | | | | | | | | | | | Theory Marks | Term Work | Viva Marks | | |
| 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 | 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 | Elective-2 | Architecture | 2 | | | | | | 2 | | 100 | | | | 100 | 2 |
| 9 | UHV | 21UH9 | Universal Human Values and Professional Ethics | 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 Ability Enhancement Courses | | | | | AEC - 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. | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | |

| Professional Elective course-2 | |
|--------------------------------|-------------------------------------|
| Course Code | Title of Course |
| 21ARC451 | Environment Responsive Architecture |
| 21ARC452 | Product Design |
| 21ARC453 | Heritage Documentation |
| 21ARC454 | |

Visvesvaraya Technological University, Belagavi
BACHELOR OF ARCHITECTURE
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-V

| SEMESTER V | | | | | | | | | | | | | | | | | | |
|------------|-----------------|----------------------|---|---------------|----------------------|----------|--------|-----------|---------|------------|-------|-------------------|-----------|--------------|-----------|------------|-------|---------|
| SI 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 | | |
| 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 | 21ARC56 | 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 | 21ARC58 | Elective-3 | Architecture | 2 | 0 | 0 | | | | 2 | 2 | 100 | | | | 100 | 2 |
| 9 | NCMC | 21PE59/21YO59/21NS59 | Physical Education(Sport & Atheltics0/Yoga & NSS | PE/NSS | | | | 2 | | | 2 | 2 | 50 | | | 50 | 100 | |
| | | | Total | | 15 | 0 | 11 | 6 | 0 | | 32 | 13 | 600 | 150 | | 250 | 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

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.

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. 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 SEE.

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 semester-end practical examination prescribed for 100 marks. The students who opt for the NSS course have to submit reports and attend to viva-voce 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 |
|-------------|---|
| 21ARC551 | Alternative Building technology & Materials |
| 21ARC552 | Digital Architecture |
| 21ARC553 | Architectural Lighting Design |

| Visvesvaraya Technological University, Belagavi | | | | | | | | | | | | | | | | | | | |
|---|-----------------|---------------------|--|---------------|----------------------|----------|--------|-----------|---------|------------|--------------|-------|-------------------|-----------|-------------|------------|-----|-------|---------|
| BACHELOR OF ARCHITECTURE | | | | | | | | | | | | | | | | | | | |
| Scheme of Teaching and Examination (2021) | | | | | | | | | | | | | | | | | | | |
| Outcome based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | | |
| SMESTER-VI | | | | | | | | | | | | | | | | | | | |
| SI No | Course category | Course Code | Title of the Subject | Teaching Dept | Teaching Hours/ Week | | | | | | | Total | Duration in Hours | CIE marks | Examination | | | Total | Credits |
| | | | | | Lecture | Tutorial | Studio | Practical | Seminar | Self Study | SEE Marks | | | | | | | | |
| | | | | | | | | | | | Theory Marks | | | | Term Work | Viva Marks | | | |
| 1 | PCC | 21ARC61 | Architectural Design -V | 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 | 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 | Elective-4 | Architecture | 2 | 0 | 0 | | | | 2 | 2 | 100 | | | | 100 | 2 | |
| 9 | NCMC | 21ARC69 | Study Tour | Architecture | | | | | | | 0 | 0 | 50 | | | | 50 | 0 | |
| 10 | NCMC | 21PE69/21YOG/21NS69 | Physical Education(Sport & Athletics)/Yoga & NSS | PE/NSS | | | | 2 | | | 2 | 0 | 50 | | | 50 | 100 | 0 | |
| | | | Total | | 15 | 0 | 11 | 4 | 0 | | 30 | 11 | 600 | 150 | | 200 | 950 | 30 | |
| <div><div>PCC- Professional Core Courses</div><div>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 Mandatory Course AEC- Ability Enhancement Courses</div><div>Open Elective Course(OEC) enables an exposure to some other discipline or domain to nurture the candidate's proficiency or skill. Open Electives can be chosen 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.</div><div>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 your 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.</div></div> | | | | | | | | | | | | | | | | | | | |

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. 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 SEE.
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 semester-end practical examination prescribed for 100 marks. The students who opt for the NSS course have to submit reports and attend to viva-voce examination. The marks for the report shall be 50 marks and for presentation and viva-voce 50 marks.

| Professional Elective course-4 | |
|--------------------------------|-------------------------------|
| Course Code | Title of Course |
| 21ARC661 | Culture & Built Environment |
| 21ARC662 | Design of Highrise Buildings |
| 21ARC663 | Geographic Information System |
| 21ARC664 | |

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|--|-----------------|-------------|---|---------------|--|----------|-----------|-----------|----------|------------|-----------|-------------------|------------|--------------|-----------|------------|-------------|
| SEMESTER-VII | | | | | | | | | | | | | | | | | |
| Sl No | Course category | Course Code | Title of the Subject | Teaching Dept | Teaching Hours/ Week | | | | | | Total | Duration in Hours | CIE marks | SEE Marks | | | Credits |
| | | | | | Lecture | Tutorial | Studio | Practical | Seminar | Self Study | | | | Theory Marks | Term Work | Viva Marks | Total |
| | | | | | L | T | S | P | SM | SS | | | | | | | |
| 1 | PCC | 21ARC71 | Architectural Design -VII | Architecture | | | 8 | | | | 8 | | 100 | | | 100 | 200 |
| 2 | BSAE | 21ARC72 | Materials and Methods in Building Construction -VII | Architecture | 1 | | 3 | | | | 4 | | 50 | | | 50 | 100 |
| 3 | PCC | 21ARC73 | Urban Design | Architecture | 3 | | | | | | 3 | 3 | 50 | 50 | | | 100 |
| 4 | PCC | 21ARC74 | Professional Practice | Architecture | 3 | | | | | | 3 | 3 | 50 | 50 | | | 100 |
| 5 | BSAE | 21ARC75 | Estimation & Costing | Civil engg | 2 | 1 | | | | | 3 | 3 | 50 | 50 | | | 100 |
| 6 | PCC | 21ARC76 | Interior Design | Architecture | | | 3 | | | | 3 | | 50 | | | 50 | 100 |
| 7 | PCC | 21ARC77 | Working Drawing-II | civil engg | | | | 4 | | | 4 | | 100 | | | | 100 |
| 8 | PEC/OEC | 21ARC78x | Elective-5 | Architecture | 2 | 0 | 0 | | | | 2 | | 100 | | | | 100 |
| 9 | PAEC | 21 ARC79 | Traffic Awareness & Road Safety | Architecture | 1 | 0 | 0 | | | | 1 | | 100 | | | | 100 |
| | | | Total | | 12 | 1 | 14 | 4 | 0 | | 31 | 9 | 650 | 150 | | 200 | 1000 |
| 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 | | | | | 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 discipline or domain to nurture the candidate's proficiency or skill. Open Electives can be chosen 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. | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | |

Mandatory by COA

| Professional Elective Course-5 | | |
|--------------------------------|-------------------------------------|--|
| Course Code | Title of Course | |
| 21ARC771 | Craft in Architecture | Helps in 7th sem AD for Meta and Performative Architecture |
| 21ARC772 | Architectural writings & Journalism | |
| 21ARC773 | Biomimicry | |
| 21ARC774 | | |

| Professional Elective Course-V | |
|--------------------------------|-----------------|
| Course Code | Title of Course |
| 21ARC781 | |
| 21ARC782 | |
| 21ARC783 | |
| 21ARC784 | |

Conservation in Architecture

Visvesvaraya Technological University, Belagavi
BACHELOR OF ARCHITECTURE
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SMESTER-VIII

| Sl No | Course category | Course Code | Title of the Subject | Teaching Dept | Duration of professional Training | Examination | | | | | Credits | |
|-------|-----------------|-------------|------------------------|---------------|-----------------------------------|-------------------|-----------|--------------|-----------|------------|---------|-------|
| | | | | | | Duration in Hours | CIE marks | SEE Marks | | | | Total |
| | | | | | | | | Theory Marks | Term Work | Viva Marks | | |
| 1 | PAEC | 21ARC81 | Professional Training* | Architecture | 16 weeks | | | | | 200 | 200 | 18 |
| | | | Total | | | | | | | 200 | 200 | 18 |

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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

| Visvesvaraya Technological University, Belagavi | | | | | | | | | | | | | | | | | | |
|---|-----------------|-------------|--|-------------------|----------------------|----------|--------|-----------|---------|------------|-------|-------------------|-----------|--------------|-----------|------------|-------|---------|
| BACHELOR OF ARCHITECTURE | | | | | | | | | | | | | | | | | | |
| Scheme of Teaching and Examination (2021) | | | | | | | | | | | | | | | | | | |
| Outcome based Education (OBE) Choice Based Credit System (CBCS) | | | | | | | | | | | | | | | | | | |
| SMESTER-IX | | | | | | | | | | | | | | | | | | |
| SI No | Course category | Course Code | Title of the Subject | Teaching Dept | Teaching Hours/ Week | | | | | | Total | Examination | | | | | Total | Credits |
| | | | | | Lecture | Tutorial | Studio | Practical | Seminar | Self Study | | Duration in Hours | CIE marks | SEE Marks | | | | |
| | | | | | | | | | | | | | | Theory Marks | Term Work | Viva Marks | | |
| 1 | PCC | 21ARC91 | Architectural Design -VIII | Architecture | | | 8 | | | | 8 | | 100 | | | 100 | 200 | 8 |
| 2 | BSAE | 21ARC92 | Materials and Methods in Building Construction -VIII | Architecture | 1 | | 3 | | | | 4 | | 50 | | | 50 | 100 | 4 |
| 3 | PCC | 21ARC93 | Urban Planning | Architecture | 3 | | | | | | 3 | 3 | 50 | 50 | | | 100 | 3 |
| 4 | PCC | 21ARC94 | Thesis seminar | Architecture | 2 | | 4 | | 1 | | 7 | 7 | 100 | | | | 100 | 7 |
| 5 | PAEC | 21ARC95 | Construction and Project Management | Civil Engineering | 2 | 1 | | | | | 3 | 3 | 50 | 50 | | | 100 | 3 |
| 6 | BSAE | 21ARC96 | Earthquake Resistant Structures | Civil Engineering | 2 | 1 | | | | | 3 | | 50 | | | 50 | 100 | 3 |
| 6 | PEC/OEC | 21ARC97X | Elective-6 | Architecture | 2 | | | | | | 2 | 2 | 100 | | | | 100 | 2 |
| | | | Total | | 12 | 2 | 15 | | 1 | | 30 | 15 | 500 | 100 | | 200 | 800 | 30 |
| <div><div><p>PCC- Professional Core Courses</p><p>PEC - Professional Elective Courses(</p><p>OEC - -Open Elective Course</p><p>BSAE- Building Science & Applied Engineering Courses</p><p>SEC - Skill Enhancing Courses</p><p>PAEC - Professional Ability Enhancement Course</p></div><div><p>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.</p></div><div><p>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.</p></div></div> | | | | | | | | | | | | | | | | | | |

| Professional Elective Course-6 | |
|--------------------------------|---------------------------------------|
| Course Code | Title of Course |
| 21ARC961 | Research Methodology |
| 21ARC962 | Principles of Real Estate Development |
| 21ARC963 | Adaptive Re-use of Built forms |
| 21ARC964 | fundamentals of Entrepreneurship |

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| <p>Visvesvaraya Technological University, Belagavi</p> <p>BACHELOR OF ARCHITECTURE</p> <p>Scheme of Teaching and Examination (2021)</p> <p>Outcome based Education (OBE) Choice Based Credit System (CBCS)</p> |
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SEMESTER-X

| 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 | |
| | | | | | | | Core | Applied | | | | | | | Theory Marks | Term Work | | | Viva Marks |
| | | | | | | | L | T | | | | | | | S | S | | | P |
| 1 | PAEC / PCC | 21ARC101 | 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 % .