

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI.



Scheme of Teaching and Examinations and Syllabus
M.Arch-HABITAT DESIGN
(Effective from the academic year 2022-23)

AS PER COA:

PCC: Professional Core Courses: 50-55%

PSC: Professional supporting Course 20-25%

PCE: Professional Core Elective 15-20%

PAE: Professional Ability Enhancement:10%

OE: Open Elective: 2-5%

NEP 2020 Principles:

Main features:

1. Broad-based
2. Multi-disciplinary
3. Holistic Graduate education with a flexible curriculum
4. Creative combinations of subjects
5. Integration of vocational education
6. Self-learning process
7. Student-centric learning process rather than teaching

| VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI | | | | | | | | | | | | |
|--|--------|-------------|---|--|------------------|-----------|----------------------------------|------------|------------|------------|-------------|-----------|
| Scheme of Teaching and Examinations – 2022 - 23 | | | | | | | | | | | | |
| M.Arch (HABITAT DESIGN) | | | | | | | | | | | | |
| Choice Based Credit System (CBCS) and Outcome Based Education(OBE) | | | | | | | | | | | | |
| I SEMESTER | | | | | | | | | | | | |
| Sl. No | Course | Course Code | Course Title | Teaching Hours per Week | | | Examination | | | | | Credits |
| | | | | Theory | Practical/Studio | SDA | Duration of examination in hours | CIE Marks | SEE Marks | | Total Marks | |
| | | | | | | | | | L | P | | |
| 1 | PCC | 22HDC11 | Habitat Design Studio I | 02 | 08 | 00 | -- | 50 | - | 50 | 100 | 10 |
| 2 | PCC | 22HDC12 | Human Habitat: Studies and Design Thought | 03 | 00 | 02 | 3 | 50 | 50 | - | 100 | 4 |
| 3 | PCC | 22HDC13 | Planning Theory and Techniques | 02 | 01 | 02 | 3 | 50 | 50 | - | 100 | 4 |
| 4 | PSC | 22HDS14 | Sociology, Culture and Human Habitat | 01 | 01 | -- | -- | 100 | - | - | 100 | 2 |
| 5 | PSC | 22HDS15 | Advanced Theory of Design | 02 | 01 | -- | -- | 100 | - | - | 100 | 3 |
| 6 | MC | 22HDC16 | Research Methods & IPR | 01 | -- | 02 | 3 | 50 | 50 | - | 100 | 2 |
| 7 | PEC | 22HDE171 | GIS 1 | 00 | 02 | - | -- | 50 | 50 | 100 | 100 | 2 |
| | | 22HDE172 | Representation Techniques | 00 | 02 | -- | -- | | | | | |
| | | 22HDE173 | Sustainable Urban Practices | 01 | 01 | -- | -- | | | | | |
| 8 | AUD | 22AUD18 | BOS Recommended online course | Classes and evaluation procedures are as per the policy of the online course providers | | | | | | | | PP |
| TOTAL | | | | 11 | 12 | 06 | 09 | 450 | 150 | 100 | 700 | 27 |
| <p>Note: PCC: Professional Core Course, PSC: Professional Support Course, PEC: Professional Elective Course. AUD-Audit Course</p> <p>1L-1 Credit, 1P-1 Credit, and SDA –Skill Development Activities (hours include self-exploration, site visits, and workshops, 02hours =1 credit)</p> <p>1. Studio: Students and course instructor/s to be involved individually or in groups to interact to enhance learning and application skills. The students should interact with the construction industry (small, medium, and large), understand their problems or foresee what can be undertaken for study in the form of research/ case study testing projects, and for creative and innovative methods to solve the identified problem. Students will:</p> <ol style="list-style-type: none"> Gain confidence in working along with construction industry professionals. Work on different software/s(tools)to simulate, analyze and authenticate the output to interpret and conclude. Handle advanced construction equipment and materials to enhance technical talent. Involve in case studies and field visits/fieldwork. Accustom with codes of standards to narrow the gap between academia and the construction industry. <p>All activities should enhance student's abilities to employment and/or self-employment opportunities, management skills, Statistical analysis, fiscal expertise, etc.</p> <p>2. Skill Development Activities: They may be in the form of periodic site visits, guest conferences, and webinars and webinars, not a fixed slot in timetables.</p> <p>3. Viva-voce: The viva voce shall be conducted for a duration of 20 minutes (per student) for the subjects listed under viva voce for all the semesters.</p> | | | | | | | | | | | | |

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| Scheme of Teaching and Examinations –2022 -23 | | | | | | | | | | | | |
| M.Arch - (HABITAT DESIGN) | | | | | | | | | | | | |
| Choice Based Credit System (CBCS) and Outcome Based Education(OBE) | | | | | | | | | | | | |
| II SEMESTER | | | | | | | | | | | | |
| Sl. No | Course | Course Code | Course Title | Teaching Hours /Week | | | Duration in hours | CIE Marks | Examination | | Total Marks | Credits |
| | | | | Theory | Practical/ Studio | SDA | | | SEE Marks | Total Marks | | |
| | | | | L | P | SDA | | | | | | |
| 1 | PCC | 22HDC21 | Habitat Design Studio – II | 2 | 8 | -- | -- | 50 | - | 50 | 100 | 10 |
| 2 | PCC | 22HDC22 | Land Use Structure and Urban Morphology | 3 | - | 02 | 03 | 50 | 50 | | 100 | 4 |
| 3 | PCC | 22HDC23 | Urban Transportation and Networks: Spatial Structure of Habitat System | 2 | 1 | 00 | 03 | 50 | 50 | | 100 | 3 |
| 4 | PSC | 22HDS24 | Urban Development and Environmental Laws | 1 | 1 | 02 | 03 | 50 | 50 | - | 100 | 3 |
| 5 | PSC | 22HDS25 | Infrastructure Planning and Management | 1 | 1 | 02 | -- | 100 | - | - | 100 | 3 |
| 6 | PSC | 22HDS26 | Urban Economics | 1 | 1 | -- | -- | 100 | - | - | 100 | 2 |
| 7 | PEC | 22HDE271 | Heritage Habitat: Conservation and Renewal | 1 | 1 | | -- | 50 | | 50 | 100 | 2 |
| | | 22HDE272 | GIS 2 | 1 | 1 | | | | | | | |
| | | 22HDE273 | Data Analytics | 1 | 1 | | | | | | | |
| | | 22HDE274 | Urban Governance | 2 | -- | | | | | | | |
| 8 | AUD | 22 AUD 27 | BOS RECOMMENDED ONLINE COURSE | Classes and evaluation procedures are as per the policy of the online course providers | | | | | | | | PP |
| TOTAL | | | | 10 | 12 | 06 | 09 | 450 | 150 | 100 | 700 | 27 |

Note: PCC: Professional Core Course, PEC: Professional Elective Course.

Note:

1. Technical Seminar: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department. Participation in the seminar by all postgraduate students of the program shall be mandatory.

The CIE marks awarded for Technical Seminar, shall be based on the evaluation of the Seminar Report, Presentation skill and performance in the Question and Answer session in the ratio of 50:25:25.

2. Internship: All the students shall have to undergo a mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination shall be conducted during III semesters and the prescribed internship credit shall be counted in the same semester. The internship shall be considered as a head of passing and shall be considered for the award of degree. Those, who do take up/complete the internship shall be declared as fail in the internship course and have to complete the same during the subsequent University examination after satisfying the internship requirements.

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| M.Arch- HABITAT DESIGN | | | | | | | | | | | | |
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| III SEMESTER | | | | | | | | | | | | |
| S I. N o | Course | Course Code | Course Title | Teaching Hours /Week | | | Examination | | | | | Credits |
| | | | | Theory | P/S/INT | SDA | Duration in hours | CIE Marks | SEE Marks | | Total Marks | |
| | | | | L | P | SDA | | | Theory | TW/ Viva | | |
| 1 | PCC | 22HDC31 | Habitat Design Studio - III | 2 | 8 | -- | - | 50 | - | 50 | 100 | 10 |
| 2 | PCC | 22HDC32 | Housing and Community: Policy, Finance and Public Private Participation | 3 | -- | 02 | 3 | 50 | 50 | -- | 100 | 4 |
| 3 | PCC | 22HDC33 | Ecology and Sustainable Habitat Systems | 2 | -- | 02 | 3 | 50 | 50 | -- | 100 | 3 |
| 4 | PSC | 22HDS34 | Project Planning, Analysis & Appraisal /Evaluation | 1 | 1 | - | | 100 | -- | -- | 100 | 2 |
| 5 | PSC | 22HDS35 | Dissertation - I | 1 | - | 2 | | 100 | -- | | 100 | 2 |
| 6 | PEC III | 22HDE361 | Real Estate Development and Finance | 1 | 1 | - | -- | 50 | - | 50 | 100 | 2 |
| | | 22HDE362 | Strategy Management and Implementation of Projects | 1 | 1 | -- | -- | | | | | |
| | | 22HDE363 | Parametric Design | - | 2 | 0 | -- | | | | | |
| | | 22HDE364 | Disaster Management | 1 | 1 | - | -- | | | | | |
| | | 22HDE365 | Environmental Planning Systems | 1 | 1 | - | -- | | | | | |
| 7 | INT | 22HDE37 | (Completed during intervening vocation of the II and III semesters.)06 weeks duration | | | | 06 weeks | 50 | - | 50 | 100 | 3 |
| TOTAL | | | | 10 | 10 | 6 | 06 | 450 | 100 | 150 | 700 | 26 |
| Note: PCC: Professional Core Courses, PEC: Professional Elective Course, INT-Internship, PSC Professional Supportive Course, AUD- Audit Course, PP-Passing is mandatory. | | | | | | | | | | | | |
| Open Elective: Open elective to be chosen by students based on their interest pertaining to CPM from Swayam/Mooc/Coursera etc, permission for pursuing these courses to be sought from the school. (Minimum of 12 weeks course) | | | | | | | | | | | | |

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| IV SEMESTER | | | | | | | | | | | |
| Sl. No | Course | Course Code | Course Title | Teaching Hours /Week | | | Examination | | | | Credits |
| | | | | Theory | P/S/FW/SM | SDA | Duration in hours | CIE Marks | SEE Marks Viva voce | Total Marks | |
| | | | | L | P | | | | | | |
| 1 | PCC | 22HDC41 | Dissertation-2 | 2 | 16 | 04 | - | 50 | 50 | 100 | 20 |
| TOTAL | | | | 02 | 16 | 04 | - | 50 | 50 | 100 | 20 |
| <p>Note:</p> <p>1. Dissertation Phase-2: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a Senior faculty of the department. The CIE marks awarded for project work phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and performance in the Question and Answer session in the ratio 50:25:25.</p> <p>SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.</p> <p>Open Elective: Open elective to be chosen by students based on their interest (Music/Dance/Health & Hygiene/ Branding but not limited to this from Swayam/Mooc/Coursera etc, permission for pursuing these courses to be sought from the school. (Minimum of 12 weeks course)</p> | | | | | | | | | | | |

| | |
|---------------|------|
| I semester | 27 |
| II Semester | 27 |
| III Semester | 26 |
| IV Semester | 20 |
| Total credits | 100. |

