



COEP Technological University, Pune

School of Civil Engineering and Planning

Department of Planning

Syllabus structure for Bachelor of Planning (B.Plan) Program w.e.f Academic Year 2023 – 2024 in line with NEP

List of Abbreviations

| Abbreviation | Title |
|--------------|--|
| PCC | Programme Core Course (PCC) |
| PEC | Programme Elective Course (PEC) |
| OE/SE | Open/School Elective (OE/SE) other than a particular program |
| AEC | Ability Enhancement Course |
| MD M | Multidisciplinary Minor (MD M) |
| VSEC | Vocational and Skill Enhancement Course (VSEC) |
| HSMC | Humanities Social Science and Management Course |
| IKS | Indian Knowledge System (IKS) |
| VEC | Value Education Course (VEC) |
| RM | Research Methodology (RM) |
| -- | Internship |
| -- | Project |
| CEA | Community Engagement Activity (CEA)/Field Project |
| CCA | Co-curricular & Extracurricular Activities (CCA) |

L-Lecture, **T**-Tutorial, **P**-Practical, **S**-Self Study

ISE-In-Semester-Evaluation, **ESE**-End-Semester-Evaluation, **MSE**-Mid-Semester-Evaluation, **TA**-Teachers' Assessment, **CIE**-Continuous-Internal-Evaluation

SEMESTER I

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|---|-----------|------------------------|----------|-----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - I | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Basics of Building Design and Construction | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Fundamentals of Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PCC | Techniques of Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | PCC | Demography and Urbanisation | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | VSEC | Introduction to GIS and Computer Fundamentals | 3 | 2 | 0 | 2 | 0 | 30 | 20 | 50 | CIE: 100 | |
| 7 | AEC | Communication Skill | 1 | 0 | 0 | 2 | 0 | CIE: 100 | | | CIE: 100 | |
| Total | | | 20 | 14 | 0 | 12 | 4 | | | | | |

SEMESTER II

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|--|-----------|------------------------|----------|-----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - II | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Remote Sensing and GIS | 3 | 2 | 0 | 2 | 0 | 30 | 20 | 50 | CIE: 100 | |
| 3 | PCC | Planning for Urban Utilities and Services | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PCC | Surveying | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | PCC | Qualitative and Quantitative Methods of Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | VSEC | Surveying lab | 2 | 0 | 0 | 4 | 0 | -- | -- | -- | 50 | 50 |
| 7 | IKS | Indian Knowledge System | 2 | 2 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 8 | HSMC | Design Thinking | 1 | 0 | 0 | 2 | 1 | -- | -- | -- | CIE : 100 | |
| Total | | | 20 | 12 | 0 | 16 | 5 | | | | | |

Exit option to qualify for certification:

Summer Internship (to be undertaken during the summer vacations for 8 weeks after the **first year** by the student who opts to exit after the first year. (4 credits).

Its credits will be added over and above the total credits of one year.

Community Engagement Activity/ Field Study will be conducted during Summer Vacation. Credits will be considered in Semester III.

SEMESTER III

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|--|-----------|------------------------|----------|----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio – III | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Planning Theory | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Traffic and Transportation Planning - I | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | OE | Geo-Informatics | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | HSMC | Indian Language | 2 | 2 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 6 | VEC | Environmental Studies | 1 | 1 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 7 | HSMC | Land Economics | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 8 | HSMC | Liberal Learning Course - I | 1 | 0 | 0 | 0 | 1 | -- | -- | -- | CIE: 100 | |
| 9 | CEA | Community Engagement Activity/ Field Study | 2 | 0 | 0 | 0 | 2 | -- | -- | -- | CIE: 100 | |
| Total | | | 20 | 13 | 0 | 8 | 9 | | | | | |

SEMESTER IV

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|--|-----------|------------------------|----------|-----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - IV | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Sociology and Geography | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Traffic and Transportation Planning - II | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PCC | Housing and Urban Inequality | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | OE | Urban Infrastructure Planning | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | HSMC | Liberal Learning Course - II | 1 | 0 | 0 | 0 | 1 | -- | -- | -- | CIE: 100 | |
| 7 | VSEC | Basics of Information Technology and Programming | 2 | 0 | 0 | 4 | 0 | -- | -- | -- | 50 | 50 |
| 8 | VEC | Professional Practice and Ethics | 1 | 1 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 9 | MD M | Urban Development | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| Total | | | 20 | 13 | 0 | 12 | 7 | | | | | |

Exit option to qualify for Diploma:

Summer Internship (to be undertaken during the summer vacations for 8 weeks after the **second year** by the student who opts to exit after the second year. (4 credits).

Its credits will be added over and above the total credits of one year.

SEMESTER V

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|--|-----------|------------------------|----------|-----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - V | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Project Formulation Appraisal and Management | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Planning Legislation - I | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PCC | Public Policy and Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | PEC | Heritage and Conservation of Special Areas / Landscape and Resource Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | OE | Smart Cities | 2 | 2 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 7 | HSMC | Entrepreneurship | 1 | 0 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 8 | RM | Research Methodology | 2 | 1 | 1 | 0 | 0 | CIE: 100 | | | -- | -- |
| 9 | MD M | Real Estate Management | 4 | 2 | 0 | 2 | 1 | 30 | 20 | 50 | -- | -- |
| Total | | | 25 | 17 | 1 | 10 | 8 | | | | | |

SEMESTER VI

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|---|-----------|------------------------|----------|-----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - VI | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Land and Building Valuation | 3 | 2 | 0 | 2 | 0 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Planning Legislation - II | 2 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PCC | Sustainable Urban Development | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | PEC | Urban Design and Place Making/ Participatory and Inclusive Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | VSEC | Urban Data Analytics and Simulation | 2 | 1 | 0 | 2 | 0 | 30 | 20 | 50 | CIE: 100 | |
| 7 | HSMC | Constitution of India | 1 | 0 | 0 | 0 | 1 | CIE: 100 | | | -- | -- |
| 8 | MD M | Application of Urban Informatics | 4 | 2 | 0 | 2 | 1 | 30 | 20 | 50 | CIE: 100 | |
| Total | | | 22 | 13 | 0 | 14 | 5 | | | | | |

Exit option UG Degree :

This is for UG Degree without honours

Summer Internship (to be undertaken during the summer vacations for 8 weeks after the **third year** by the student who opts to exit after the third year. (4 credits).

Its credits will be added over and above the total credits of one year.

Summer Internship of 8 weeks for continuing students, 2 credits will be counted in Sem VII (to be undertaken during the summer vacations)

SEMESTER VII

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|---|-----------|------------------------|----------|----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | PCC | Planning and Design Studio - VII | 4 | 0 | 0 | 8 | 0 | -- | -- | -- | 50 | 50 |
| 2 | PCC | Regional Planning | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 3 | PCC | Urban Land Management and Governance | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 4 | PEC | Rural Planning and Development / Sustainable Urban Water Management/ Urban Transformation | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 5 | PEC | Climate Adaptation / Disaster Resilience Management | 3 | 3 | 0 | 0 | 1 | 30 | 20 | 50 | -- | -- |
| 6 | -- | Internship | 2 | 0 | 0 | 0 | 2 | -- | -- | -- | CIE: 100 | |
| 7 | Project | Planning Thesis Preliminaries | 3 | 0 | 0 | 0 | 3 | -- | -- | -- | CIE: 100 | |
| 8 | MD M | Urban Governance | 3 | 3 | 0 | 0 | 0 | 30 | 20 | 50 | CIE: 100 | |
| Total | | | 24 | 15 | 0 | 8 | 9 | | | | | |

SEMESTER VIII

| Sr. no. | Course Type | Course Name | Credits | Contact Hours per week | | | | Evaluation Scheme (Weightages in %) | | | | |
|--------------|-------------|-----------------|----------|------------------------|----------|----------|----------|-------------------------------------|----|-----|------------|-----|
| | | | | L | T | P | S | Theory | | | Laboratory | |
| | | | | | | | | MSE | TA | ESE | ISE | ESE |
| 1 | Project | Planning Thesis | 9 | 0 | 0 | 0 | 10 | -- | -- | -- | 50 | 50 |
| Total | | | 9 | 0 | 0 | 0 | 9 | | | | | |

Total Program Credits: 20+20+20+20+25+22+24+09 = 160 credits