

FMT588 Built Environment Applied Research Project

Level: 5

Credit Units: 10 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY REGULAR SEMESTER

Synopsis:

FMT588 Built Environment Applied Research Project allows students to apply the knowledge and skills they have learnt to work on a problem statement or challenge related to the built environment industry, organisation or firm via a systematic and research-based approach. Successful completion involves an oral defense of your project report.

Topics:

- Problem Identification
- Proposing the topic and scope of study
- Reviewing and synthesising of relevant literature
- Formulating research questions
- Designing research methodology
- Planning and implementation of the project timeline and milestones
- Writing a strong and feasible research proposal
- Data collection and analysis
- Discussing and evaluating the findings
- Drawing conclusion and recommendations based on the findings
- Organising and writing the final project report
- Presenting and defending the applied research project.

Learning Outcome:

- At the end of the course, students should be able to:
 - A. Knowledge and Understanding
 - 1. Prepare a viable research plan indicating the scope of the problem or challenge to be addressed
 - 2. Assess and compose a literature review that examines relevant research critically in terms of current trends and practices
 - 3. Critique and demonstrate the effectiveness of the proposed theoretical frameworks
 - B. Key Skills
 - 1. Formulate appropriate research design and data analysis to address the problem statement or challenge
 - 2. Collect, analyse and interpret the data, using appropriate methodology and conventions
 - 3. Propose recommendations based on facts and evidences

Assessment Strategies - Regular Semester (Evening Class):

| Components | Description | Weightage Allocation (%) |
|-------------------------------|--------------------|--------------------------|
| Overall Continuous Assessment | PROJECT PROPOSAL 1 | 10 |

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| Overall Continuous Assessment | PROGRESS REPORT 1 | 30 |
| Overall Examinable Components | FINAL REPORT | 40 |
| | FINAL PRESENTATION | 20 |
| Total | | 100 |

*The information listed is subject to review and change.