Key FYDP Guidelines/ Points of Focus

1. Setting clear project Objectives, Scope and Expected Outcomes.

2. Understanding the "Why?" related to the various aspects of project work. Try to connect with the Strategic Thrust of the Department: "*Sustainable, Smart and Safe Built Environment*"

3. Developing the necessary skills for critical literature review and undertaking the review as needed

4. Paraphrasing, citation and referencing with focus on ethical perspective

5. Developing a clear Methodology/ Statement of Means and Methods

6. Technical Report writing

7. Setting and managing the milestones of your project

8. Generating the necessary results and interpreting them

9. Devising conclusions and recommendations

10. Presenting your study at mid-term and final

Salient Points to Keep in Mind for Success

1. FYDP is equivalent to 2 subjects only and is **NOT the only thing** that You would be doing during the Final year.

2. FYDP is an **opportunity to** apply your learning in a focused problem domain and **develop following abilities**:

   a. Working in a team while focusing on your individual contribution as well
   b. Structured and integrated problem solving skills
   c. Technical Writing and presentation skills
   d. Project specific skills (such as design & analysis, modeling, data gathering, results compilation and interpretation, etc.)

3. Selecting Your FYDP:

   a. Look for a project where you can learn and apply skills in line with your **aspirations/ area of interest**
   b. You can bring **your own idea** to a prospective supervisor and discuss.
   c. Look for **industry oriented problems** and for **external supervisors** as well (to be approved via process).
   d. You can also work on **inter-disciplinary projects** such as application of advanced ICT (e.g. AI, Data Analytics, etc.) on Civil Engineering problems.
   e. Projects can be **experimental, numerical, analytical** in nature or a mix.

4. Selecting Your Group:
   a. **4 students** per group.
   b. Form a **group with diversified skills** as suited for the project in hand.

5. **Project Monitoring Model** already exists at the Department and you should be aware of the various ingredients such as:

   a. Various Forms and their purpose
   b. Submission requirements
   c. Attendance requirements
   d. Report and Presentation Formats
   e. Evaluation Performas and the rubrics for Mid-term, Final and Sessional Assessment as per OBE

6. **Previous projects** are available at Project Library. That should be your first step to delve into the area of your interest and see what kind of projects have been done in recent past in that area.

7. Seek continuous **guidance from Supervisor** and be Responsiveness to supervisor's guidelines

8. Midterm Assessment would be done towards **end of Fall semester** and the grades would be freezed. **Examiner's comments** at midterm need to be formally addressed.

9. Your **persistence** is extremely important to get the desirable outcomes

10. Key **assessment attributes**:
    Your assessment is a **continuous** process based on **rubrics** (OBE system).

    i.   Regularity at weekly meetings with supervisor
    ii.   Your individual role and contribution as part of the team
    iii. Your understanding of the overall project significance, objectives, work done at any point in time, remaining targets, data collection process, analysis, results, conclusion and recommendations
    iv.   Timely submissions as per prescribed formats – mid-term and final
    v.   Quality of work (originality, level of effort)
    vi.   Your Responsiveness to Supervisor's guidance and Mid-Examiner's comments
    vii. Your technical writing skills (English usage, flow, clarity)
    viii. Your presentation skills (confidence, English, flow, clarity)