**University Institute of Engineering, Chandigarh University**

**Department of Computer Science & Engineering**

**Date: 06-02-2021**

**Instructions for Students**

Dear Students,

Congratulations to promote in next semester. This semester is very important to make yourself more productive and innovative through your ideas, knowledge, and learning within the limitations arises due COVID19 pandemic. The project is a valuable asset for the students as it will increase the weightage of your claim at the time of the placement process and interview. To make the project more valuable below guidelines are advised to follow: -

1. The project is the ***product*** and ***result*** oriented.
2. The ***outcome of the project*** is primarily set by the team. The outcome may be: -
   1. Patent if your project is research oriented
   2. Research paper if your project is s/w oriented
   3. If you have created any application(Android), then it is essential to deploy the application
   4. Workable Hardware + Software Project, if your project is h/w oriented such as Drone…etc
   5. Any other (The focus would be on hardware product, Published/communicated research papers, other)
3. The team size should ***not be more than 4***. One of the members is ***the lead of the team*** and rest are members of the team. Every member will justify his/her work at the time of every phase and its evaluation.
4. The level of expertise and difficulty should be increase as you are yearly promoted.
5. Second year should focus on management systems, third year can focus on android application or aurdino apps and eventually on the learning basis you should start focusing on research domains such as (cloud computing, digital image processing, big data).
6. In case you are working on some management project such as (Library , school management) then make sure to use new databases such as Mongo database, Cassandra rather than just working on a my SQL workbench.
7. Project Report/ Research paper should in written with the help of Medeley.
8. The name of any student ***should not repeat*** in any other team, therefore, it is advised that first confirm the team and then only fill the online form. Once the team will be decided then ***no one will allow changing the team.***
9. You may select your project either from ***the project-basket (shared by the department)*** or on their own with unique, innovative and workable idea, but ensure the ***consent of the supervisor.*** This is ***mandatory*** for every student.
10. The ***Project-Proposal*** form is given to you. When all the required information will be finalized, then fill the ***google-form (***<https://forms.gle/LbHSK9874UMiscUo6>***)*** and mail the ***pdf copy of the Project-Proposal*** duly to your respective supervisor.
11. It is advised to select your team members from the ***same section*** or the sections of the ***same academic coordinator.***
12. Five phases of your project (Internal evaluation) with its deadline are as: -

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| **Phases** | **Deadlines** | **Marks** | **Conditions Required** |
| **Project Proposals** | **15 Feb** | **05** | **The selected project should be good quality upto the date/in demand** |
| **Project Synopsis** | **22 Feb** | **08** | **Detailed feasibility study** |
| **Project Design and Modeling** | **15 March** | **10** | **Should include DFD’s, UMLS’s, Class diagrams** |
| **Project Implementation** | **19 April** | **12** | **Both the phases** |
| **IEEE Paper/ Patent/ Hw Product** | **3 May** | **05** | **Whether the paper is published or communicated** |
| **Final Project Assessment+Viva** | **10 May** | **20** | **Complete Report Whether in work or latex** |

1. At each phase of the project, you have to ***submit your phase wise contribution form*** as per the prescribed format in a file. Your file should be completed with all the documents with the consent of the supervisor ***where and whenever required.***
2. It is advised that you should ***be in synch with your supervisor regularly*** for the semester because your meetings are recorded for evaluation.
3. It is necessary to ***reach the outcome*** of your project which is given by you at the outset.
4. Every student need to discuss project and other related task including the evaluation of the project with their mentor on weekly basis.
5. In every phase of project each group need to fill summary sheet and signed by supervisor and teacher and attach with your report.

We are expecting hard, innovative and productive work from you. Wish you good luck for your Project.

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**Dr. Meenu Gupta, Dr. Sumedha Arora**

**Assistant Professor & Project Coordinator**