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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

V Semester Microprocessor Project Lab (ECE\_3162)

Instruction to Students

1. Time duration for each Microprocessor project lab session is two hours, every Thursday (9:30-11:30) PM.
2. Each group can have maximum of 3-4 students. Project lab session for all the groups will be conducted on the same day in parallel.
3. Regarding the project,
   1. Students can take up only **ARM7 processor-based project**.
   2. Students must give their group members list and Project title by 1st August.
   3. List of hardware components required for the project must be submitted on or before 1st August. The hardware components can be collected from the lab instructor after getting approval from the faculty in-charge.
   4. If any additional requirement pertaining to hardware, inform the faculty in prior.
   5. Project must be done from Microprocessor Lab during their project lab slot.
   6. The hardware components shouldn’t be taken outside the lab. Students are responsible for any damage/ missing of hardware components.
   7. Students are instructed to maintain one observation notebook and required to update their progress of project in the observation notebook.
   8. Based on the updated observation notebook, every week, marks will be awarded.
   9. Students must show the output obtained during their Mid-term presentation and Final presentation. Marks will be awarded accordingly.
4. The evaluation scheme is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Agenda** | **Allotted week** | **Marks**  **allotted** |
| **1.** | **Project Title, Abstract and Synopsis** | **1st August** | **20** |
| **2.** | **Progress of the project (observation notebook)** | **Every week** | **20** |
| **3.** | **Mid-term presentation and Demo of project** | **26th September** | **20** |
| **4.** | **Final Presentation and Demo of project** | **31st Oct and 7th Nov.** | **40** |

1. The best projects will be displayed for exhibition in the institution.
2. The best three Microprocessor projects which leads to student publication will be awarded with a certificate from the department after getting the consent from HOD.
3. Students are encouraged to publish their project in a conference or journal publication.
4. Students are allowed to take any faculty as a mentor for doing their journal / conference publication.

Microprocessor Project Lab Coordinator