

**CIRCULAR**

Sub: GUIDELINES FOR MAJOR PROJECT WORK - ALLOTMENT OF PROJECT TITLES TO STUDENT TEAMS DURING LAST WORKING WEEK OF 6<sup>th</sup> SEMESTER AS PER URR-18 - Reg.

Ref. URR-18 UG Programme Syllabus available on the institute website.

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The class work for the ODD semester for AY 2022-23 commences on 16.8.2022

The HoDs are requested to follow the guidelines stipulated in the URR-18 for Major Project Work and allotment of students for Project Work. The guidelines are reproduced hereunder

**(i) FINAL YEAR B.TECH MAJOR PROJECT**

- (a) Final Year Major Project work represents the culmination of study towards the B. Tech degree. A major project offers an opportunity to integrate the knowledge acquired from various courses and apply it to solve real-world complex engineering problems. The student learning assessment process (SLAP) shall include a good number of presentations, demonstration of work undertaken, submission of a project report, writing project paper in scientific journal style & format, preparing project poster, and creating a video pitch on the complete project work.
- (b) Activities of major project SLAP shall be planned in such a way to ensure that the students acquire the essential knowledge, skills, and qualities (KSQ) of a professional engineer.
- (c) **Two phases:** Major project work shall be carried out in two phases. Nearly 50 - 75% of the proposed work is to be completed in 7<sup>th</sup> semester as Phase-I and the remaining work to be continued and completed in 8<sup>th</sup> semester as Phase-II.

**(ii) DEPARTMENT PROJECT EVALUATION COMMITTEE (DPEC)**

The HoD shall constitute the department project evaluation committee (DPEC) with the composition of the Chairman (HOD), Convener, Section-wise coordinators, and Section-wise faculty members ( Vide Ref.1 cited)

**(iii) MAJOR PROJECT WORK PHASE-I: 7<sup>TH</sup> SEMESTER: MAJOR PROJECT ALLOTMENT TO STUDENTS DURING LAST WORKING WEEK OF 6<sup>TH</sup> SEMESTER:**

- (a) **First / Second week of 6<sup>th</sup> Semester:** The process shall be initiated during the first/second week of 7<sup>th</sup> semester by collecting project titles from the department faculty research groups, on offering innovative ideas/solutions for engineering problems
- (b) **MSE-I period of 6<sup>th</sup> Semester – Notifying project titles:** The finalized project titles shall be notified to students during the MSE-I period of 6<sup>th</sup> semester and student teams shall be allowed to exercise their options on titles that interest them.



- (c) **Last working week of 6<sup>th</sup> Semester** – Allotment of titles and supervisors to project teams: The project title allotment to major project teams shall be completed before the last day of instruction of 6<sup>th</sup> semester
- (d) **6<sup>th</sup>-semester summer break - Literature review:** This 6<sup>th</sup> semester schedule enables students to complete the literature review, preliminary simulations / investigations / experimentation during 6<sup>th</sup> semester summer break and start the work from **day one in 7<sup>th</sup> semester.**
- (e) **Registration Presentation - Notifying the tentative dates:** The major project teams are expected to give registration presentations during second / third week from the commencement of 7<sup>th</sup> semester. The tentative dates for conducting the registration presentation shall be notified at the time of releasing the circular on the allotted project title and project supervisors This enables student teams to plan the work accordingly during summer break, to complete the literature review, preliminary simulations / investigations and get ready for informative, confident and comfortable presentations on their project work
- (f) **The convener of DPEC** shall notify, during MSE-I period of 6<sup>th</sup> semester, the list of implementable project titles offered by the faculty of different research groups of the department
- (g) Project titles shall come with the following details to be made available to students on dept webpage and notice boards, facilitating students to select problems that interest them.
- (i) abstract
  - (ii) deliverables / outcomes
  - (iii) knowledge and skills required to complete the project
  - (iv) resources required
  - (v) one of the deliverables shall be writing a technical paper out of the major project work done for submission to a reputed non-predatory conference/non-paid peer-reviewed journal
- (h) The major project teams, **finalized by the convener DPEC**, shall be allowed to exercise their options on the titles that interest them from the notified list
- (i) **Project supervisor allotment:** The convener DPEC shall allot, during the last week of 6<sup>th</sup> semester, the faculty supervisors to all project teams
- (iv) MAJOR PROJECT WORK PHASE-II: 8TH SEMESTER**
- (a) All the major project teams shall take phase -I work forward and complete the remaining work as Phase-II in the 8th semester.
- (b) **Release complete schedule of phase-II CIE:** The convener of DPEC shall release the complete schedule of phase-II CIE during last week of 7<sup>th</sup> semester (well in advance before start of 8<sup>th</sup> semester), immediately after completion of progress presentation-I.
- (c) **Evaluation for Major project phase-II:** There shall be continuous internal evaluation (CIE) and end semester examination (ESE). The evaluation for phase-II.



## (v) IMPLEMENTATION OF MAJOR PROJECT WORK

- (a) The detailed guidelines are available in the course content of Major Project Phase-I: In light of the above guidelines, timelines and to provide ample time to students for literature survey, before starting their next sem, the HoDs must have completed the due procedure in allotting project titles and supervisors to the project teams.

If not yet, the HoDs are requested to expedite the process of allotment of project titles and supervisors to the project teams and submit a copy to the Principal on or before 27.07.2022 and send the soft copy to *principal@kitsw.ac.in* and *deanaa@kitsw.ac.in*.

- (b) The compliance report, to be submitted on or before 27.07.2022, should also include the implementable plan of action, with dates, for CIE of Major Project Phase-I, as detailed in the syllabus book for the course content of Major Project Phase-I.

- (c) HoDs are also requested to ensure that the SLAP is implemented, as emphasized in the course content. Project Log Book (PLB) is compulsory for every student, showing the activity journaling. PLB should be assessed and evaluated as part of CIE.

- (d) Any clarification/suggestion on this can be taken up in the forthcoming HoDs meeting

  
PRINCIPAL

To  
All HoDs for necessary action

### Copy to:

1. The Chairman, KITSW
2. AAC
3. Dean, Academic Affairs
4. AO