

**Agenda for the 44<sup>th</sup> meeting of the PGC to be held on 29<sup>th</sup> January 2020, 4:00 – 5.30 PM, at Meeting Room, 5th Floor, New Acad Building**

1. Confirmation of the minutes of the 43rd meeting of the PGC held on 22<sup>nd</sup> January, 2020.

**Deferred Items :**

2. What elective courses can be taken by the M.Tech. degree students? Should there be any courses including non-tech courses or shall there be some guidelines? (M.Tech. Students are allowed to take 300 & 400 level courses; 4 cr in case of thesis & 8 cr. in case of without thesis option. So, this needs clarification whether M.Tech. students can take non-tech course as well within this.)

Item was shared with Departments for their comments.

**CSE Dept** : Students are free to take any non tech courses. However, all other CSE courses should be done as per guidelines. We have also sent a proposal to PGC for the new guidelines related to CSE courses only; it is advised that MTech CSE student should do a minimum of six CSE courses in addition to completing the other requisite courses for degree requirements. He can only do two non-CSE courses.

**ECE Dept** : The faculty members suggested that M.Tech students should be allowed to take non-tech courses.

Other department recommendations are awaited.

3. To consider CSE Department's recommendation with regard to M.Tech.(CSE) program  
"It is advised that an M.Tech. CSE student should do a minimum of six CSE courses in addition to completing the other requisite courses for degree requirements. He can only do two non-CSE courses"

**Dept recommendation is awaited.**

4. To discuss about PhD programs other than regular and sponsored programs.

Item was shared with Departments for their comments.

**ECE Dept** - Sponsored PhD without mandatory in class course requirement. We broadly agreed but the exact implementation details need to be thought through. Evaluation should be at IIITD and qualification should not be relaxed at any point."

**CB Dept** - CB Department is aligned with the proposed format.

Other department recommendations are awaited.

5. To consider the recommendation of the PGC for removal of the provision for having an internal examiner for evaluation of a Ph.D. Thesis. (Item from 44<sup>th</sup> Senate Meeting)

The Chair PGC apprised the members of the existing provision in the guidelines for the appointment of examiners for evaluation of Ph.D. thesis and the recommendation made by the PGC at its 40<sup>th</sup> meeting held on August 28, 2019 for removing the provision for internal examiners from the guidelines. So far, 39 Ph.D. students have graduated and in the past the Institute has not faced any issue in getting external examiners. Some members, however, were in favor of retaining the existing provision to be used in special circumstances. After detailed deliberations, the Senate decided that the existing provision for having an internal examiner for evaluation of a Ph.D. thesis be retained. It further suggested PGC to deliberate and prepare the proposal/guidelines as to when this rule will be invoked as a special case.

6. To consider matter regarding continuation of fellowship to Ph.D. students (on project funding) who are going for internship (and receiving partial monetary support from the host during the internship stay) with an understanding that the respective advisor has confirmed that the work the student is going to do during internship is towards the project. (Item from 44<sup>th</sup> Senate Meeting)

The Chair PGC apprised the members of the current PG Regulations which interalia, provide that a PG student who is on financial assistance may be granted leave during the summer vacation period for undertaking internships, projects etc. This is considered "Leave Without Pay" and during this period, the student does not get the assistantship/scholarship. He informed that the PGC in its 38<sup>th</sup> meeting held on June 27, 2019 has recommended that for students who are on project/external funding, who go on internship with partial monetary support from the host organization, may be allowed to draw the fellowship during the internship duration provided the respective Advisor confirms that the work the student is going to do during internship is towards the project. During the course of deliberations some members pointed out that during internship/project etc. per diem allowance is allowed but no salary is admissible. It was also pointed out that students can't get fellowships from 2 sources and should be paid only if they are not getting fellowship from the host institute where they are doing internship. After detailed deliberation, the PGC was requested to reconsider the recommendation to avoid any audit objection.

7. **Convocation Awards** - Arising out of discussions, some members suggested that more awards should be given to encourage and motivate the students. Both UGC and PGC may examine the suggestion and make appropriate recommendations for further consideration of the Senate. **(Item from 44<sup>th</sup> Senate Meeting)**
8. **Reporting Item** : In the Course replacement form the "Advisor's Recommendation" field has been added as a mandatory step.
9. To discuss the question of grade replacement for PG students who are under academic warning. Should warning be exclusive of grade replacement for both MTech & PhD students?
10. To consider below PG regulation (page 13), for rectification:

"c. The overall performance is indicated by a Cumulative Grade Point Average (CGPA) which is computed in the same manner as the computation of SGPA but for all the courses done in the program. While the F and X grades shall show on the grade sheet, the original grade of a course repeated/replaced is ignored in the computation of **SGPA**/CGPA.

d. 'F' grade shall not be counted in the calculation of CGPA, however, it is counted in the calculation of SGPA. "

11. To discuss the issue of careless behavior of PhD students as exam invigilator. (too much swapping of duty as per convenience, late reporting in classes, not doing invigilation properly....)
12. To discuss regarding attendance of PhD students.
13. To consider the recommendation of the PGC to allow Ph.D. students to repeat a course for grade improvement.

In the 44<sup>th</sup> Senate Meeting "The Chair PGC apprised the members of the recommendation made by PGC at its 41st meeting held on September 30, 2019 to allow M.Tech. students to repeat a course for grade improvement. After a brief discussion, the Senate agreed to the

recommendation of the PGC and decided that PG students be allowed to repeat courses for grade improvement along the same line as allowed for UG students. “

14. To consider fee waiver request from sponsored PhD student Indra Prakash Jha.
15. To re-look at the MTech Thesis Form. The statement mentioned under “Undertaking section” looks vague.
16. To re-look at the conversion process from MTech Thesis to Capstone/Scholarly paper.
  - 1) We don't allow conversion of BTP to IP/IS and this seems to have improved seriousness about BTP. Similar steps for MTech Thesis might help to improve thesis seriousness and quality (?).
  - 2) The majority of MTech students register for a thesis in order to get the opportunity to work in Industry (especially in MTech VLSI) and drop it after 6 months due to various reasons. Such behavior hampers IIITD's reputation as a research-focused institute and faculty collaboration with Industry.

**New Items :**

17. To add AFC as Regular AI Elective. Below is the CSE FM recommendation: “This was discussed in CSE & CAI FM and was in principle agreed upon. Apart from AFC, Edge AI (new course by Mahesh from Samsung R&D) and Decision Procedures (new course by Rahul P.) to be considered for the same.”
18. Reporting Item : Adding the following courses in the list of electives for specialization in VLSI and Embedded Systems (this has been discussed in VLSI faculty group and has the consent of HOD).
  - VLSI Design Flow
  - Digital Hardware Design
  - Low Voltage Analog Circuit Design
  - Verification and High-Level Synthesis of VLSI Designs
  - Memory Design and Testing
  - Intelligent Applications Implementation on Heterogeneous Platform
19. Another related item regarding M.Tech. CSAI is a recommendation that open electives may include courses from departments other than CSE.
20. Any other item with permission of Chair PGC.