

**02 Senate Meeting
22 February 2023 at 2 PM
IIT Raichur**

A-2.1 Confirmation of Minutes of 1st Senate Meeting held on 26 Dec 2022 at 2:30 PM

A-2.2 Need for revised internship guidelines

As per the discussion in the previous senate meeting, the internship guidelines are now further revised, and it will be presented during the next meeting. Details attached at *Annexure-1*.

A-2.3 Detention of students from promoting to final year without clearing the backlogs

In the current scenario, the majority of the students are having backlogs even in their final year. Thus, to increase the ratio of the number of students placed to the total number of students, we should restrict the number of backlog students moving to the final year.

Detailed guidelines are given below:

For students having backlogs during 1st to 4th Semester

1. Students having a backlog in one or more subjects will be given a chance only once to clear it in the next semester.
2. If a student fails to clear the backlog twice, then he/she will not be promoted to the next semester. For example, if a student has a backlog in 1st and 2nd semester and he/she won't be able to clear it in 3rd semester, then, he/she will be detained, and re-registration will be done from 1st year.

For Students having backlogs during 5th to 8th Semester

3. If a student gets a backlog during 5th or 6th semester, he/she will be given one more chance to clear the backlog during supplementary exam. Failure to clear a supplementary exam will result in detention.

A-2.4 Need for guidelines for CGPA calculations and course conversion (honours to regular course)

Since we are offering honours and regular courses, there should be a guideline regarding the credit's calculations for both honours and regular courses. In addition, guidelines are also needed for converting a honours course to a regular course in case a student failed to complete the required credits for the honours course. Details attached at *Annexure 2*.

A-2.5 Starting of courses under ECE and Liberal Arts (LA)

The institute is going to float LA and ECE courses, previously taught by the faculty from IIT Hyderabad. This initiative would also expand the horizon of the expertise available within the institute for further introduction of the academic programs. Thus, approval is required to recruit faculty to teach these courses within the existing sanction.

A-2.6 List of experts for holding a panel for selection of the faculty

The institute is in the process of frequent interviews in all streams (CSE/ECE/Maths/Liberal Arts) and the Senate is requested to suggest experienced faculty to meet this need.

A-2.7 Need for revised Curriculum

Approval is needed.

- (i) To introduce new courses and
 - (ii) To make changes in the existing curriculum
- (a) ‘Introduction to Data Structures’ (3 credits) and ‘Data Structures’ (3 credits) are being offered in 2nd and 3rd semester, respectively. They need to be merged into a single course with 3 credits and it will be offered in the 3rd semester.
 - (b) Introduction of Object-oriented program course (3 credits) in the 2nd semester in place of ‘Introduction to data structures’.
 - (c) ‘Operating Systems 1’ (1 credit) and ‘Operating Systems 2’ (3 credits) are being offered in the 3rd and 4th semester, respectively. They need to be merged into a single course ‘Operating Systems’ with 3 credits.
 - (d) The course ‘Principles of Programming Language’ (CS231, 1 credit, 3rd semester) can be removed as ‘Compilers and Programming language’ is being offered in 4th semester. ‘Introduction to Python programming’ (1 credit) can be introduced in place of CS231.
 - (e) Swapping of the courses ‘Theory of Computation’ and ‘Design and Analysis of Algorithms’.
 - (f) Removal of OCs from the curriculum.
 - (g) Expanding a one credit course “Intro. of Probability” to a three-credit course “Intro. of Probability, Statistics and Random Processes”.
 - (h) The old and updated curriculum is attached at *Annexure-3*.

A-2.8 Approval for PhD fee structure

Details attached at *Annexure-4*.

A-2.9 (i) Approval of the new elective courses

- a. ‘Introduction to Approximation Theory and Optimization’ by Dr. Debmalya Sain
- b. ‘Deep Learning with Graphs’ by Dr. Priodyuti Pradhan
- c. ‘Introduction to Quantum Machine Learning’ by Dr. Priodyuti Pradhan
- d. ‘Maths Tool for Machine learning and Data Science’ offered by Dr Alka
- e. Inclusion of approved OCs in the 2019 batch transcripts

(ii) Approval for the new core course

Details attached at *Annexure-5*.

The online courses were approved by Prof. B. S. Murty on February 07, 2022

Multimedia Content Analysis was offered (by Prof. CKM, IITH) to 2019 batch students (in 5th semester) in place of Foundations of Machine learning (CS311, 3 credits) due to shortage of faculty.

A-2.10 Allowing students (including the 2019 batch) to do a major project in a company provided that the company doesn't have any objection to disclose the work/internship done by the student. A faculty will be associated with project/internship from the first day of joining.

A few companies are making it compulsory to do the internship in the 8th semester.

A-2.11 Giving a chance to reappear in exams: Only for 2019 batch students who have backlog in various courses

The director Prof. HK Sardana and the faculty together have taken an initiative to conduct make-up exams for the 2019 batch. Without compromising the quality, a student can get a maximum score of 7 CGPA. A chance is being given for the backlog students (2019 batch) for the following reasons:

1. To give ample time to their major project.
2. 2019 batch is the first batch passing out from IIIT Raichur and they will carry the IIITR's legacy/brand to the world.
3. Also, it improves the placement percentage statistics.

A-2.12 Any other item with the permission of Chair
