



# Rajarajeswari College of Engineering

(An Autonomous Institution, affiliated to VTU, Belagavi & Approved by AICTE, UGC & GoK)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Dept. of Electronics & Communication Engineering

INSHI  
CSE ECE, DE



Date: 10-08-2024

Ref: Academic/DAC/ECE/01/2024-25

## DEPARTMENT ADVISORY COMMITTEE MEETING-1

### MINUTES OF MEETING

#### Members present in the DAC Meeting

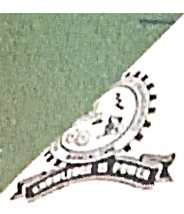
| Sl.No | Name of the member     | Designation   | Position of DAC       |
|-------|------------------------|---|-----------------------|
| 1     | Dr.S B Bhanu Prashanth | Professor, Dept. of Medical Electronics, BMSCE, Bangalore.                        | Academic Expert       |
| 2     | Dr. A M Vijaya Prakash | Professor, Dept. of ECE, BIT, Bangalore.  | Academic Expert       |
| 3     | Mr. Shivakumar P M     | SAP labs, Whitefield, Bangalore   | Industry Expert       |
| 4     | Mr. Srikanth K S       | Intel India Ltd, Hyderabad.   | Industry Expert       |
| 5     | Mr. Vishwajith V Pai   | Applications Engineer, Engineer Technology and Product Group, Synopsys Bangalore. | Alumni Member         |
| 6     | Mr. Deepak R           | Manager, Bharath Electronics Ltd  | Parent                |
| 7     | Miss. Mamatha S        | 4 <sup>th</sup> SEM Student   | Student               |
| 8     | Dr. L Rangaiah         | Professor & Dean-Academics  | Academic Expert, RRCE |
| 9     | Dr. Sunitha R          | HOD, Dept. of ECE   | Chairperson           |
| 10    | Dr. A Muruganadham     | Professor   | Member                |
| 11    | Dr. Deepika J          | Associate Professor   | Member                |
| 12    | Prof. V Sreepathi      | Assistant Professor   | Member                |
| 13    | Prof. Lokesha K        | Assistant Professor   | Member                |
| 14    | Prof. Chaithanya S     | Assistant Professor   | Member                |
| 15    | Prof. Vani S Badiger   | Assistant Professor   | Coordinator           |
| 16    | Prof. Santhosh Chavan  | Assistant Professor   | Member                |
| 17    | Prof. Ajay M           | Assistant Professor   | Member                |
| 18    | Prof. Haritha K S      | Assistant Professor   | Member                |
| 19    | Prof. Suresh M         | Assistant Professor   | Member                |
| 20    | Prof.Daneshwari Modi   | Assistant Professor   | Member                |

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The Meeting started with welcome address by Dr. Sunitha R, HOD, ECE Department extending a warm welcome to the DAC members and a sincere gratitude was expressed towards all members present for the meeting. The following items were taken up for discussion and consideration

1. Dr. L Rangaiah highlighted that the syllabus is designed for activity-based learning and aims for effective results.
2. Dr. S B Bhanu Prashanth suggested that faculty should plan course with clear semester objectives and align syllabus according to defined course outcomes. No common syllabus for Physics, Chemistry and Mathematics subjects, it should be specific to **stream (CSE, EEE, ME, CV)**.
3. Dr. Vijaya Prakash suggested to remove year from the course code(24BEC101) and mention the scheme (like 24 scheme/26 scheme) on the question paper and equivalent subject will be considered as present scheme/syllabus and suggested to discuss with Controller of Examinations (CoE) and take decision.
4. Mr. Srikanth, suggests about the Design Thinking course being taught by external experts and explained to students. The Chairman suggested that faculties have undergone training through NPTEL and other FDP courses to be adequately prepared.
5. Mr. Shivakumar proposed providing hands-on training on Google Design Sprint to all faculties, emphasizing its market relevance.

**English:**

- Using Kannada medium students as an example, assess their English proficiency levels by the end of the 1st and 2nd semesters. By the 2nd semester, aim for a fluency level where Kannada medium students score 9 out of 10, crucial for placement readiness.
- Mr. Shivakumar P M, suggested practical courses in English speaking, technical writing, and business development to address the industry demand for technical writers and business communicators. Encourage English teachers to focus on placement-oriented performance in English.
- Mr. Srikanth K S, highlighted the importance of enhancing English skills over two semesters through storytelling, debates, and effective presentation skills, emphasizing the role of communication in team dynamics and productivity. He recommended introducing

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Toastmasters to enhance communication and leadership skills, thereby improving English proficiency among students.

- Dr. S B Bhanu Prashanth asked about the outcomes and assessment process for English 1 in the 1st semester and English 2 in the 2nd semester.

### Mathematics:

- Dr. Vijaya Prakash and Dr. S B Bhanu Prashanth questioned why Mathematics is common for all branches, suggesting it be tailored to **stream-specific** needs for better student engagement and lifelong learning.
- Are our Mathematics faculties trained in Python, given the 2-hour lab component? Please oversee the programming and assessment process in Mathematics lab using Python.
- Regarding CIE and SEE, can faculties modify the rubrics for 50 internal marks, such as designing splits like 30+20 or 30+10+10, with approval from the Dean Academics.

### Programming in C:

- Dr. S B Banu Prashanth suggested to keep the subject title as Programming using C(2:0:2) or Introduction to Programming using C instead of Principles of Programming using C and asked all the faculties to consider two cases:
- Case 1: Designing the syllabus with the aim of mastering C programming
- Case 2: Focusing on mastering programming using C. Students should analyze which case suits them best.
- Emphasize method-oriented learning to develop problem-solving skills. Practicing this approach ensures students are prepared for placements by the 6th semester.
- Mr. Vishwajith V Pai agrees with the Dr. S B Bhanu Prashanth. Our goal is to design the syllabus to focus on problem-solving and programming skills, not just mastering C.
- Dr. Vijaya Prakash inquired about the precision of lab programs. The response indicated using 2 to 3 scenario-based programs per module. He urged simplifying questions, focusing more on clarity and less on complexity in framing them, to foster student interest and enthusiasm for learning C programming.

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- Ensure a mandatory Question Bank for all students, with scenario-based questions provided to capable students who finish labs early.
- Tailor scenarios to suit both weak and advanced learners, ensuring challenges are appropriate to their abilities.
- Implement a Question Bank categorizing questions into Easy, Moderate, and Tough levels to challenge students accordingly
- Assign expert faculty to teach 1st-year programming to ensure fun-based learning and motivate students.
- Apply the same structure for all modules, categorizing exercises into easy, medium, and high levels. Focus on training students to understand and develop logical solutions before choosing a programming language, reducing syntax errors. The goal is for students to write both logic and syntax accurately.

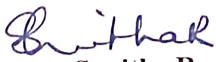
### Basic Electronics:

- Dr. Vijaya Prakash suggested to keep the module in the order like Module-1, Module-4, Module-2, Module-3 and module-5 and also suggested to avoid sections in each module.
- Dr. Banu Prashanth suggests, for all subjects, need to mention arbitrary levels for all objectives and outcomes with active verbs.


### Vote of Thanks.

- The DAC Chairman Dr. Sunitha R, HOD, ECE Department expressed her sincere thanks towards all the members for attending the meeting and also for their valuable inputs and formally concluded the meeting.

  
Prof. Vani S Badiger  
DAC Coordinator

  
Dr. Sunitha R  
HOD, DAC Chairperson  
PROFESSOR & HEAD  
DEPT. OF ELECTRONICS & COMMUNICATION ENG  
RAJARAJESWARI COLLEGE OF ENGG  
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Dr. Rangaiah L  
Dean-Academics  
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Dr. R Balakrishna  
Principal  
Principal  
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