



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

***Methodologies to support weak students and encourage bright students***

In view of different levels of comprehension by slow learners and bright students in the class, Faculty implement innovative ideas that make the classroom experience more attractive in which students are engaged to improve their knowledge.

***Creative-Teaching:***

The following methods are adopted to identify every student's creative abilities and to encourage their creative contributions.

- Use of tools to stimulate creativity.
- Use of visual exercises, video lectures and technical quizzes.

***Audio & Video Tools:***

Faculty use audio-visual materials like prototype models, power point presentations, video lectures with animations and learning tools in class rooms. Such tools help the students to improve imagination levels.

***Methodology to Identification of bright students:***

The bright students are identified by using the parameters: their participation in classroom discussion, performance in the assessment tests, classroom seminars, questioning ability and University result analysis.

The bright students are encouraged to participate in national level symposiums, workshops and seminars to gain knowledge on the latest developments.

- ❖ The students are encouraged to take up industry based projects in the advanced topics under the guidance of the faculty members.
- ❖ Faculty provide with the guidance on project management and prototype models.
- ❖ Bright students are encouraged to lead the students' association team which organizes various activities viz. paper presentation, poster presentation, lecture series etc.

- ❖ Every year the class toppers are awarded with merit certificate and exempted from payment of examination fee.

S.No	Hall Ticket No	Name of the Student	Year	Percentage Secured/CGPA
1	15C35A0221	RESHMA	IV	79.6
2	15C310A0201	A. RAJU	III	73.3
3	16C31A0257	M. SAISREE	II	8.29 (CGPA)

Table 2.2.1b: List of the class toppers for the Academic Year 2017-18

***Impact Analysis:***

- Participation in Technical Events
- Participation in Conferences
- Participation in NSS programs
- Taking up the real time projects

***Methodology to identify slow learners:***

Students are identified as slow learners purely on the basis of their poor performance in the examination. To improve the student performance in all aspects, the department is adopts the following:

- ❖ Department arranges remedial classes for weak students after college working hours.
- ❖ Counselling sessions are handled by the mentors for interaction with students.
- ❖ Concerned mentor informs the parents regarding the improvement in marks obtained in exams.
- ❖ Specially developed question banks and assignments are given to students.

***Impact Analysis:***

- Improvement in academic performance of students.
- Active participation of the students in various programs.