



# Somaiya Vidyavihar

## K. J. Somaiya Institute of Engineering and Information Technology



NAAC Accredited Institute with 'A' Grade

NBA Accredited 3 Programs

(Computer Engineering, Electronics & Telecommunication Engineering and Electronics Engineering)

Best College Award by University of Mumbai, Urban region, A.Y. 2018-19

Permanently Affiliated to University of Mumbai, Approved by D.T.E., A.I.C.T.E.

UGC Recognized Institute under section 2(f) and 12 (B) of the UGC Act, 1956

### **Methodologies To Support Weak Students And Encourage Bright Students**

For weak and bright students following methodologies are adopted by all departments

- One to one discussion, interaction between Professors and students has increased confidence levels of the students.
- All subjects in charge conduct remedial lecture for their concern subject and provide subject notes and material to weak student.
- Adopted group student study method to improve the performance of student.
- All faculty members identify weak students through term test, one to one communication with student and class interaction.
- Invited talks and seminars on the current trends are done regularly from the industry experts.
- Tutorial/Remedial classes are conducted for the slow learners based on their performance in external examination and after the first internal examination.
- Motivating and guiding students for higher studies and to get university ranks.
- Technical quiz is conducted for the students and are incorporate in activities like poster presentation, debate and project competitions.
- All faculty member maintain attendance registers, course files and academic dairy.
- Industrial visits are conducted at least once or twice in a year to reduce the gap between industry and institute.
- Technical workshops are organized to help the students to understand concepts beyond curriculum.
- Identifying bright and weak students and to motivate the weak students to attend tutorials and help them solve more problems. Encourage the bright students to attend more workshops and technical talks.
- Class Toppers have been provided with certificate at PTM.
- The bright students are identified based on their overall performance and their orientation towards academics.
- Bright students are encouraged to attend conferences; workshops and publish papers or attend appear for technical paper presentations.
- Bright students are encouraged to take up innovative projects and apply for funding.
- Bright students are encouraged to participate in professional activities.
- Bright students are encouraged to participate in various national level competitions.

- The bright students having high academic track records are encouraged and guided by faculty member to achieve University ranks, also encouraged to take up competitive examinations like GATE, GRE etc.,
- The bright students having orientation to research are encouraged by faculty member to publish their work in National and International conferences and Journals.

Following figure shows the complete methodologies to support weak and bright students in the Departments.

**For weak students department adopted following strategies:**

Weak students are identified as students score less than 60% marks in internal assessment, DSE students having lack of mathematics knowledge and students who fails in end semester examination.

- Care is taken by the faculty member in monitoring the performance of slow learners, the students deviations from studies is observed by the respective section coordinators, proctor and corrective measures are suggested.
- The faculty members also goes a step ahead and have periodic interaction with the parents about the performance of slow learners.
- A blended motivation and responsibility from both parents and faculty will create a positive mind-set and will help to overcome the inabilities and hurdles faced by the slow learners.
- In PTM every parent is informed about the Internal Assessment marks and the attendance by a system.
- Additional coaching is given to slow learners through Remedial classes, simplified exam oriented coaching and materials are provided to them.
- A special counselling and tutorial classes are conducted by the faculty for those students who have failed in any subject. The observable impact of assisting weak students is reduced number of identifiable weak students.
- Improved results and less number of failures in each subjects.

**Figure : Methodologies to support weak and bright students**

**Impact Analysis :**

1. The observable impact of assisting weak students is that the reduced number of identifiable weak students.
2. Improved results and less number of failures in each subjects.