

Ref. No.:TCET/MECH/ of 2019

Date: 14/01/2019

Report on Semester Orientation Program Jan 2019

Event

Semester Orientation Program is recognized as the official commencement to the each semester of academic year undergraduate students. Semester Orientation Program was conducted from 07th Jan 2019 to 11th Jan 2019.

Participants

SE (A&B), TE (A&B), and BE (A&B) Mechanical Students

Objective

- To build foundation to the course by providing detailed information about the content, requirements for each module and course of study.
- To share practical experiment list & plan amongst the students.
- To get familiar with the procedure of Outcome Based Education (OBE).
- To encourage interaction between students and faculty and to inculcate students for project based learning.
- To finalize major project title for final year students.
- To build individual portfolio for placement, higher studies or to become entrepreneurs.
- To discuss paper writing skills with final year students to inculcate research orientation.
- To familiarize students with ERP system and its working aspects at institute level.

Scope

- Syllabus detailing and learning objectives defined based on Blooms taxonomy.
- Establishment of linkage with PO's.
- Bringing uniformity in the course content delivery.
- To develop course fundamentals with well-designed content delivery for theory and laboratory.
- Identify slow learner / low profile student and handle them effectively
- Working with diverse groups of individuals allows for students to gain more self-confidence and appreciation.
- Building Student Portfolios will help students identify specific field of their interest and imperative for domain related activities.
- Detailing final year students with technical paper presentation and technical paper writing skills.

Staff & their responsibilities

SOP was conducted under the guidance of Dr. B. K. Mishra (Principal) and Dr. R. R. Sedamkar (Dean Academic).

Sr. No	Faculty	Responsibility
1	Mr. Rupesh Deshbhratar (program Coordinator)	Overall Monitoring
2	Mr. Krishna G. (program Coordinator)	Overall Monitoring
3	Mr. Udhhav Nimbalkar	SOP Incharge
4	Mrs. Swetha K.	Class Incharge
5	Mr. Mahendra S.	Class Incharge
6	Mr. Vinay Bhatkar	Class Incharge

Event Management Committee:

The details of the responsibilities are as follows:

Core Committee:

SE A		SE B
Sr. No	Faculty	Faculty
1	Mr. Pankaj Rawool	Mr. Pawan Tiwari
2	Mr. Jayant Patil	Mr. Vaibhav Gudi
3	Mr. Krishna G.	Mr. Varad D.

TE A		TE B
Sr. No	Faculty	Faculty
1	Mr. Pawan Tiwari	Mr. Vinay Bhatkar
2	Mr. Iqbal Mujawar	Mr. Sachin Oak
3	Mrs. Neha Chauhan	Mr. Vaibhav G.

BE A		BE B
Sr. No	Faculty	Faculty
1	Mr. Vaibhav M.	Mr. Vinay Bhatkar
2	Mr. Iqbal Mujawar	Mrs. Neha Chauhan
3	Mr. Vaibhav G	Mr. Udhhav Nimbalkar

Deployment plan:

- The SOP & Foundation week was scheduled from 07/01/19 to 11/01/19.

- Timetable and load distribution was done by Mr.NimbalkarUddhav.&SourabhVichare
- The programmed was conducted as per the schedule given in Academic calendar.
- Deploy projects topic for final year students group wise under each domain.
- Special Timetable is scheduled for student orientation program where various contents were included such as orientation by Mentor Dean,class in-charge, subject orientation, practical orientation, student portfolio building, and outcome based education, T&P /HOC activities, exam orientation for second year students, project title finalization for final year students, ERP Orientation.
- Exposing students to real time problems /areas of industries through power point presentations.
- Time table is disseminated at notice board, website and student social group on 04/01/2019.
- For each subject three lectures were planned on Theory, Practical's and OBE and two theory lectures.
- Research paper writing was scheduled for BE students
- Teacher guardians conducted the Portfolio Building;
- Monitoring and control with feedback test on 11/01/2019.

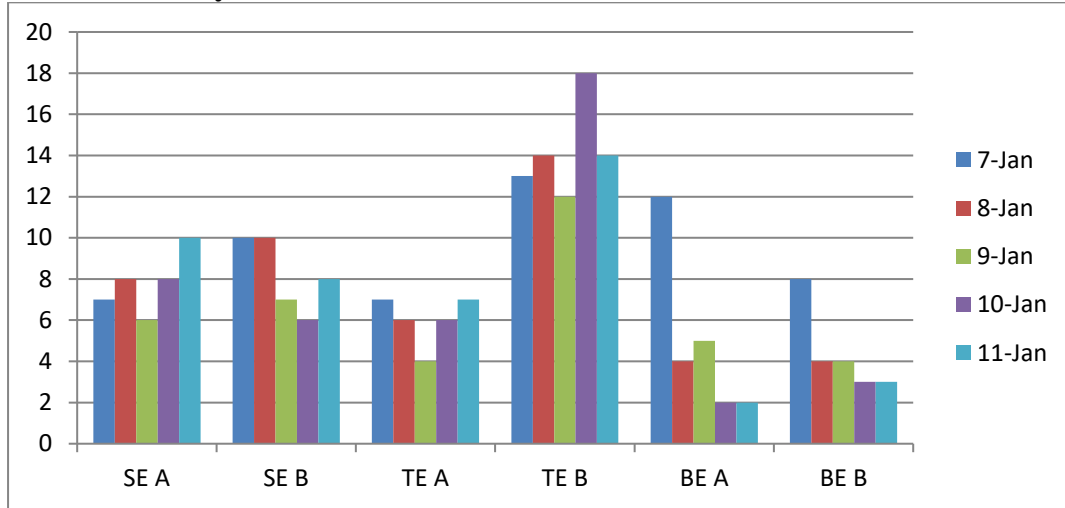
Deployment:

- All the faculty members were informed about the format and the contents that should be included in SOP ppts along with the schedule of conduct for the respective subjects.
- Subject and OBE level ppts were prepared according to SE, TE and BE class students, requirements and understanding.
- Identified different areas from student's point of view and plan activities.
- Identifiedproject title from teams formed by final year students.
- Revised perquisites related to the subjects and experiments in the Lab
- Encouraged students for innovation and research by writing technical papers and presenting in various Conferences and Journals.

Tool toAccess:

- Student's attendance
- Student's feedback and Test

Attendance analysis:



The Count of student’s presents in SOP week was analyzed as above:

Above graph shows number of student present in respective class.

Number of students going for industrial visit

Class	No. of students going for IV
SE A	41
SE B	30
TE A	15
TE B	28

5. Reasons for less attendance:

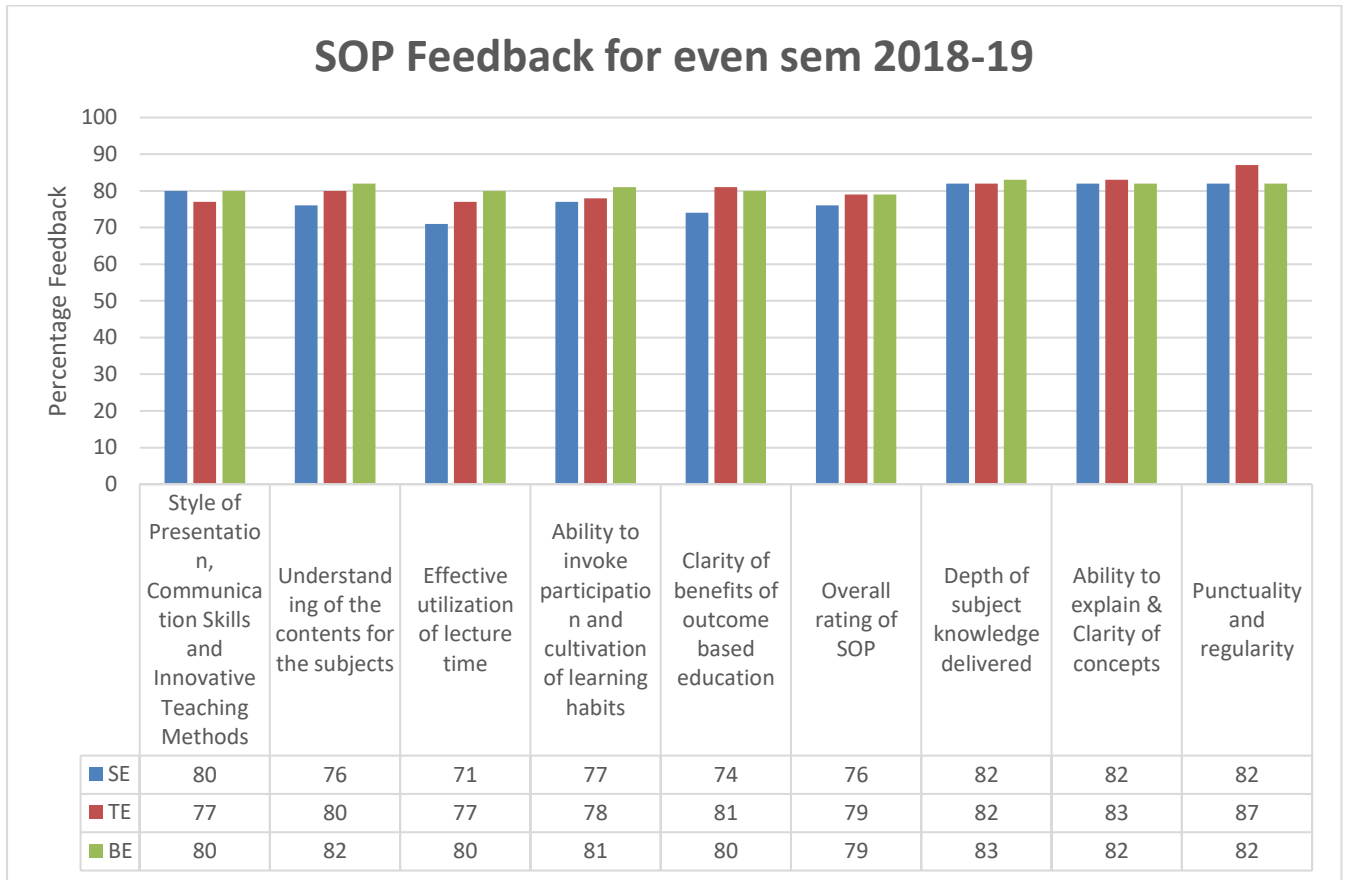
- SE & TE Students attendance less because of IV (Total 114 Students)
- Final Year students were preparing for competitive exams like GRE, GATE, CAT, etc. and some students are involved in higher study admission process.
- Some students had been for internship in vacation slot after university exam.

❖ **Action taken to improve student participation:**

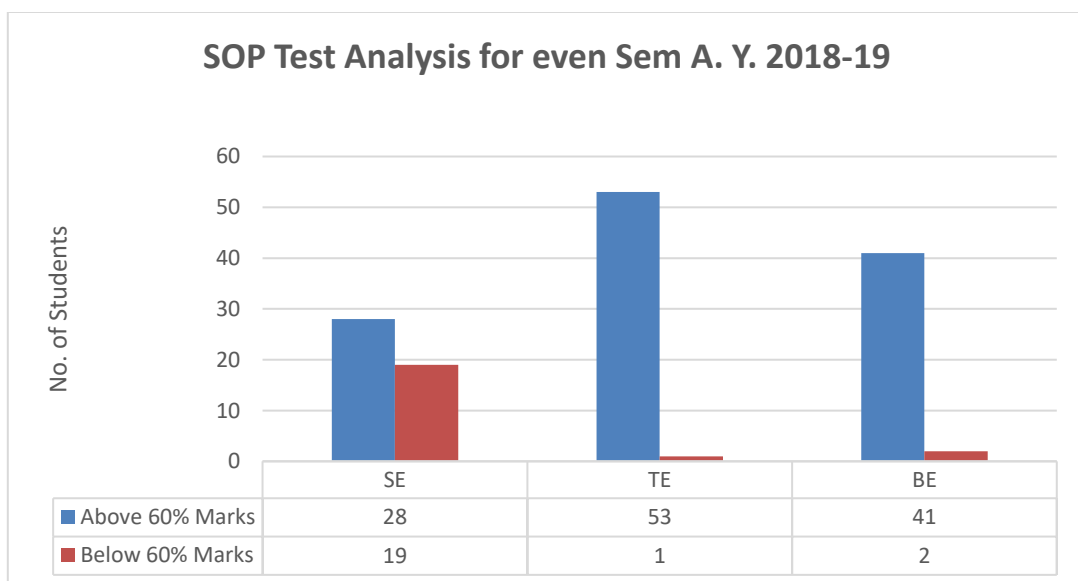
Meeting was held by HOD, Dy. HOD along with department co-coordinators on 4th Jan with all respective Class In-Charges and Class representation to discuss regarding attendance and following points were put into action.

- Mentors should call the parents of the absent students on each day at 2:30pm.
- All subject teachers should prepare 10 subjective questions that will be shared by mentors to defaulter students on every Friday.
- Mentors should monitor the completion of remedial work on every Monday according to the following distribution:
 - < 50% attendance – 10 Questions
 - 50% - 75% - 05 Questions
- Students, who fail to comply with these procedures, will not be allowed to attend the further lectures and practical.
- The respective class teachers have to monitor the overall attendance and report to departmental coordinators.
- Organized class representative meeting in department before commencement of SOP week and HOD shared the importance of sop week. (2/01/2019)

Feedback Analysis:



SOP Test Analysis:



Learning

- 1) The Subject orientation gave an insight about the subject, its prerequisites, syllabus etc.

Strength	Weakness	Opportunity	Threat
<ol style="list-style-type: none"> 2) The Practical orientation gave information regarding the practical list, mini projects etc. 3) Forming groups for implementation of minor projects along with title under different domains and name of the faculty responsible. 4) To encourage student participation in NPTEL / bridge courses. 5) Conduct Technical Presentations by students on mini and major projects. 6) To discuss general format for technical paper presentation emphasizing on domain research activities. 7) Briefing SE, TE, BE student about T&P/HOC activities. 8) Briefing Second year students about conduction of examination at department level. 			

Outcomes

Students will be able to:

- 1) Theory and practical orientations gave in depth understanding to the students about the syllabus, list of experiments and pre-requisite required for the respective subjects.
- 2) Outcome based education orientation made students aware of the accreditation procedures.
- 3) Gaps between course curriculum contents and industry requirements were identified.
- 4) Technical paper writing for SE, TE & BE encouraged students for research and Publications.

<p>1. The program is conducted to make students aware of the subject details, syllabus and prerequisites.</p> <p>2. Counseling sessions by Dean Academics and Mentor Dean were of great help to students during SOP Week.</p> <p>3. Through Student portfolio building students were able to analyze themselves and focus on their weak areas as well as keep their details in one place.</p> <p>4. Domain, T&P/HOC orientation were conducted to make students aware of various research and placement opportunities.</p>	<p>1. Some students were unable to attend orientations due to Industrial visit</p> <p>2. In spite of regular inputs from teachers, students remain irregular in SOP.</p> <p>3. Due to unprecedented Best bus strike in Mumbai city.</p> <p>4. Most of final year students are involved in higher study admission process and preparing Gate exam.</p>	<p>1. Information about various activities and rules by class In-charge.</p> <p>2. Paper writing technique will encourage students for more research orientated project.</p> <p>3. Project based learning developed interest in students for Mini and Minor projects.</p>	<p>1. TE and BE Students having prior knowledge may not be serious about SOP.</p> <p>2. Due to irregularity in SOP the students might not get aware of various rules and regulations of the committees.</p>
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5) Imparting solutions to deal with real world problems

6) Project based learning encouraged students for selecting ideas based on different domains as per their choice.

SWOT Analysis

Scope for Improvement :

- More interactive sessions could be arranged in SOP to get students actively involved with academics and understand gaps with respect to industry requirements.
- More focus can be given on improving attendance.

Innovative Practices

1. Technical Paper writing for students will help students for their research papers.



2. Project based learning in SE and TE introduced students with ideas and project knowledge on various areas.

Conclusion:

1. All students get orientation about the Theory, Practical And Outcome based education
2. Students were able to gain knowledge about technical paper writing and shown keen interest in publications and research oriented projects.
3. Project based learning for SE and TE introduced students with various research areas and their applications in real world that can be further implemented as part of Mini and Minor projects.

Collectively Proposed By

**Reviewed and
Recommended By**

Approved By

Mr.Uddhav N	Dr. SiddeshS.D.	Dr. SanjayKumar	Dr. R R Sedamkar	Dr. Deven Shah	Dr. B K Mishra
SOP Coordinator	HOD Mechanical	Mentor	Dean Academics	Vice-Principal	Principal