



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 389 / 2021

Date : 7/11/2021

INSTITUTIONAL BEST PRACTICES

Best Practice1

1. Title of the practice: Course Mentor Mentee Scheme

Goal:

1. To facilitate course mentee.
2. To achieve academic excellence by the subject mentor to execute the updated syllabus and course curriculum as per affiliating SPPU and other contents beyond syllabus to broaden the horizon of knowledge.

The practice:

In order to achieve the above goals regular meetings are conducted by the mentor three times in a semester. The pre-semester meeting is conducted before commencement of every semester as per schedule mentioned in the academic calendar. The mentee's course files are thoroughly verified by the mentor. In the monthly meeting, execution of theory lectures and continuous assessment of laboratory/tutorial work is ensured by the mentor. Other requirements of hardware and software availability, lab manuals, and other topics like execution of content beyond syllabus are also scrutinized by the mentor. In the mid-term and end-term meetings the performance of students in various exams is evaluated and remedial actions are discussed and verified. Mentor also ensures effectiveness of teaching material provided to the students.

Context:



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An innovative concept of course mentor – mentee is implemented at the institute. Course mentor is a faculty who is expertise in a particular subject domain that facilitates as a course expert to provide guidelines for effective and efficient delivery of content by the course faculty (mentee).

Problems Faced and Resources Required:

- Unavailability of time slots if the mentor is external.
- Due to pandemic situation holding last meeting for mentee was not possible.

Evidence of Success:

- When the course pattern is revised mentor guides the mentee up to what depth the topic has to be covered, practical conduction and purchase of experimental resources.
- It ensures academic calendar activity being followed effectively.
- It improves the performance of slow learners.

Best Practice 2

2. Title of the practice: Training for enhancement of employability skill set.

Goal:

1. To enhance soft skills.
2. To achieve good placement ratio.

The Practice: The institute's Training & Placement cell provides pre placement training program which includes.

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- Capacity Building Programme:-To improve employability skills among students, efforts are taken from second year of Engineering. Capacity Building Programme which consists of modules such as Know Yourself, Self & Peer Diagnosis, Knowing learning Styles, SWOC Analysis, and Goal Setting is conducted for all second year students.
- Peer to Peer Training: - Since 2017-18 final Year placed students were used to share their experience about company recruitment procedure with third year students. Considering the need of guidance to second year students, in 2018-19 these presentations were also arranged for them.
- Employability Skill Development (ESD) Programme: - ESD programme is reformed by taking feedback from all stakeholders such as student attendees from earlier batch, teachers, Heads of Department, Principal. Based on the feedback given by stakeholders, it was proposed to conduct Faculty Development Programme on Artificial Intelligence (AI), Machine Learning (ML) and Internet of Things (IoT) in Module 1, Design Thinking in Module 2, Project Management in Module 3.As per the request from college authorities, Electronics & Telecommunication Students are to be included in ESD Programme from academic year 2019-2020.
- Extensive training of 100+ Hrs to B.E. students about Resume writing, Group discussions, and Aptitude test.
- Mock interviews: - Before placement drive, a panel of senior faculty members take Mock interviews of eligible students of Final year. Since 2018-19 this practice is implemented for all students of Final year of all branches.
- To improve competitiveness amongst students and to ensure best outcome from Recruitment Process, various Pool Campus drives are hosted by the institute.
- To enhance Coding and Aptitude skills of the students, Coding and Aptitude Skill Enhancement Clubs are started since October 2019, this also includes HR club. These clubs are operated through the social platforms like Google classroom and Whatsapp

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group. The student coordinators operate these clubs under the guidance of training coordinator.

- **Coding Club:** - The student coordinators of this group post questions related to coding based on different programming languages like C, C++ and Java. The types of questions are either MCQs or problem statements. Special focus is given on problem statements which are frequently asked in various company specific drives (e.g.: TCS ninja).
- **Aptitude skill Enhancement Club:** - Questions related to Quantitative, Verbal and Current Affair sections are posted on these groups as daily assignments. To improve vocabulary of the students five new words are given with their meanings, synonym and their use in sentences.
- **HR Club (Group Discussion):**- This club was added newly since 16/03/2020 in the lockdown period to engage students in developing their communication skills and making them more comfortable for HR rounds in placement. To carry out group discussion online some topics are posted every day on which other students are supposed to put forth their views and discuss.
- **Test Series Club:** - New addition to existing clubs, since May 2020. To make the students aware and give them practice for the different competitive levels in campus drives like the aptitude test, coding test, and English (verbal ability), tests are conducted in three levels Easy, Moderate and Hard. This is followed by various company specific tests, which consist of questions related to the ones asked in the companies like TCS, Infosys, Wipro, Amazon etc. These tests help the students to understand the pattern of various placement drives tests and give them a real time experience.

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- **Context:** Earlier the institute used to find it difficult to place the students in industry through campus placement. Main reasons identified were diversity of students & lack of employability skills as per the industry standards. In view of this exclusive pre placement training program, Coding and Aptitude skill Enhancement Clubs in alliance with HR and Test series clubs are started as mentioned in the practice.

Problems faced and Resources Required:

- Diversity of students makes it challenging to cater the different needs of students.
- Experts from industry to work as mentors for the students to train them as per industry standards.
- Though multiple opportunities for recruitment are provided to the students, the procedures for campus selection are becoming challenging day by day.

Evidence of Success:

- Students have given positive response through feedback.
- Campus placement has increased due to efforts taken by the staff and the students.



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