



Prof.(Dr.) Abhijeet B. Auti

B.E.(Mech.), M.E.(Thermal), Ph.D. (Engg.)

Principal

Shri. Kalyan J. Jadhav

M.Com (Hons.)

Founder President

Best Practice 1

1. Title of the Practice: Industry Based Learning

1. Objectives:

- As an institution affiliated with SPPU, we are constrained by time and syllabus requirements, limiting our ability to cover all industry-relevant subjects. Consequently, we are endeavoring to establish a connection between academic curriculum and industry demands to address this gap effectively.
- Expanding students' knowledge through guest lectures by industry experts, industrial visits, internships, and sponsored/suggested projects.

2. The context:

- A platform for enhanced communication with industry experts has been established through the formation of the Industry Advisory Board (IAB), comprised of highly experienced professionals from diverse industry domains. Several members have entered into Memorandums of Understanding (MoUs) with the institute to enhance student development.
- The invaluable guidance provided by members aids in grooming students according to industry requirements, thereby enhancing their employability.
- Students reap the advantages of such associations through opportunities for internships and placements.

3. The Practice:

- Periodic meetings of the Industry Advisory Board members are convened at the institute, with the presence of the Principal, department heads, and senior faculty members.
- Board members engage in discussions and offer suggestions on how the industry and institute can collaborate for the enhancement of student outcomes. They provide input on topics such as value-added programs, BE project domains and topics, internship opportunities, and industrial visits.
- Following discussions in the meeting, the institute organizes various value-added programs on technical subjects. Additionally, board members assist in coordinating industrial visits for students and facilitating internship opportunities.
- Members also engage in discussions with students to understand the challenges they face and their expectations from the industry. This interaction between students and experts enhances students' confidence. Additionally, advisory members often provide suggestions on improving students' soft skills and offer assistance in this regard.

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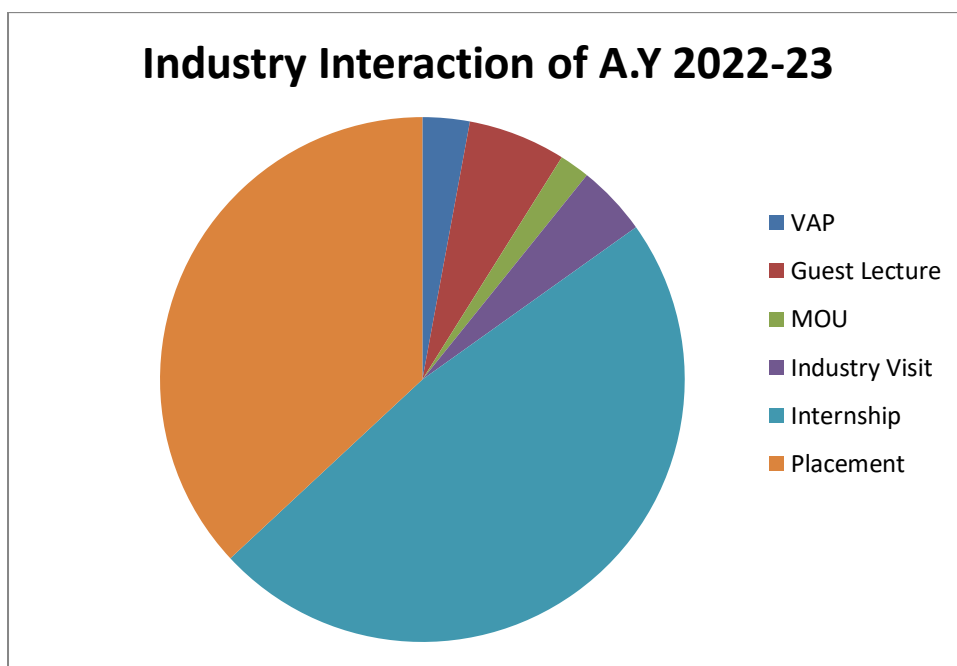
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4. Evidence of Success

Our robust association with the industry is leading to proud achievements in numerous ways.

- A substantial number of students are securing internship opportunities.
- Numerous Memorandums of Understanding (MoUs) have been established with industry partners for the benefit of students.
- Regular guest sessions covering both technical and non-technical topics are arranged periodically. Students have been provided with opportunities to visit various industries.
- This initiative has bolstered industry-institute interaction and knowledge exchange, resulting in a noticeable enhancement in the quality of students' final year projects, seminars, internships, and other endeavors. Students have become more confident and well-prepared to tackle placement drives.
- It's worth noting that various programs and expert guidance have significantly enhanced students' conceptual and applied understanding. This improvement extends beyond technical skills to include substantial enhancements in students' soft skills. Consequently, students are better positioned for improved placement prospects, as well as other career opportunities such as higher studies or entrepreneurship.

Following graph shows Industry Interaction benefit in A.Y 2022-23





K J's EDUCATIONAL INSTITUTE

TRINITY COLLEGE OF ENGINEERING & RESEARCH

Approved by AICTE, Government of Maharashtra & Affiliated to Savitribai Phule Pune University
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5. Problems Encountered and Resources Required

- Encouraging students to recognize the significance of participating in industry internships, industry-recommended projects, and attending value-added programs posed a challenge.
- Coordinating the availability and scheduling meetings with various industry experts posed a challenge.

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Best Practice 2

Title of the Practice: Skill Development Activities

1. Objectives:

- Enhancing the communication skills of students, particularly those from rural areas.
- Strengthening students' logical reasoning, quantitative skills, and technical proficiency to meet industry demands.
- Building students' confidence in handling interviews, group discussions, and other placement rounds.
- Inspiring students to embrace a project-based learning approach.
- Encouraging students to explore current research topics aligned with their interests and present their findings effectively.

2. The Context

- As a significant portion of our student body hails from rural areas, we prioritize the enhancement of their communication skills starting from the first year. Our students engage in Personality Development programs from their initial year, with a specific emphasis on improving communication abilities.
- In the second year, attention is directed towards refining reading and writing skills, along with undertaking small project developments and delivering presentations for evaluation.
- Moving into the third year, students delve into research-based seminars, where they explore topics aligned with their interests and presents their analyses.
- Finally, in their senior year, efforts are intensified to bolster students' confidence for placement opportunities. Mock interviews are organized to provide practical experience, supplemented by professional training conducted by external agencies. This training equips students with the necessary skills and guidelines for excelling in Group Discussions, Technical Interviews, and HR interviews.

3. The Practice:

- In the first year, students undergo training in a Personality Development Program aimed at enhancing their communication skills.
- To further support and motivate students in this endeavor, a dedicated Personality Development Cell has been established.
- During the second year, students are encouraged to collaborate on group projects and showcase their technical expertise through presentations to their peers. Additionally, the class of 60 students is divided into three batches of 20 each. These smaller groups undergo training sessions in group discussions, public speaking, debates, and presentations, aimed at enhancing their command of the English language.

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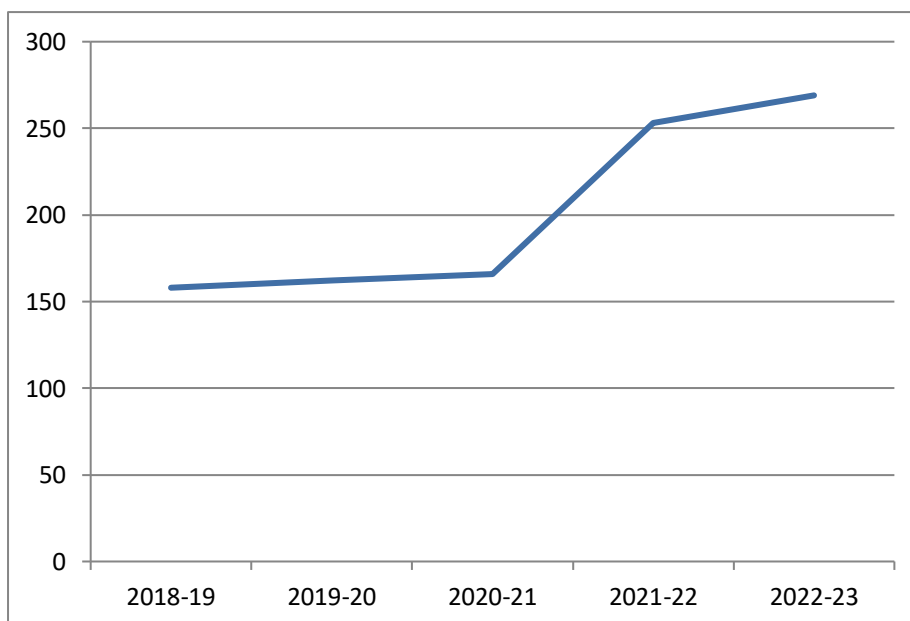
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- Students are encouraged to delve into research topics, conducting literature surveys, and presenting their findings. Moreover, they are motivated to actively participate in group discussions pertaining to current research topics.
- In their final year, as students prepare to enter the workforce, we provide them with professional training and opportunities for mock interviews facilitate by alumni or industry experts. To ensure successful placement and career development for our students, we conduct thorough analyses of their strengths and weaknesses.

4. Evidence of success:

- Students have gained confidence and are well-prepared to tackle placement drives.
- The institute witnessed a significant increase in its placement ratio as a result of the majority of students securing placements.
- The institution has attained commendable outcomes during on-campus recruitment processes, resulting in both an increase in the quality and quantity of recruitments.
- This initiative has had a profound impact on student performance and employer satisfaction. Students are demonstrating enhanced skills in group discussions, personal interviews, and other recruitment processes, as evidenced by the increased number of placements.

Last 5 Years Placement



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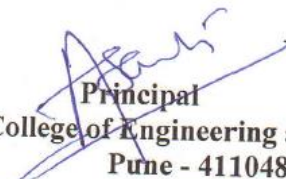
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5. Problems Encountered and Resources Required

- Initially, students hesitated to approach their mentors with their concerns.
- The majority of students, hailing from rural areas, initially struggled with low confidence and communication issues.
- Initially, students were not actively participating in activities as training was not included in the university guidelines. It required significant efforts and counseling to help students understand the importance of actively engaging in such activities.




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