



C. A. Y. M. E. Trust's

Siddhant College of Engineering.

(Approved by AICTE, Recognized by Govt. of Maharashtra and Affiliated to S.P. Pune University & MSBTE)
At. Post - Sudumbare, Tal. - Maval, Dist. - Pune, PIN - 412 109. ☎ 02114-661904.

Shri. Rajendra Singh Yadav.
President.

Dr.L.V.Kamble
Principal.

Distinctiveness of Siddhant COE

Siddhant COE, situated in Asia's largest industrial belt, stands out as a prominent centre for Mechanical, Civil, E and TC, Computer, and IT industries. With a focus on practical learning and industry relevance, Siddhant COE provides its students with a distinctive educational experience.

Siddhant COE, incorporates a hierarchical framework for educational objectives, into its curriculum. By integrating higher order thinking skills such as analysis, synthesis, and evaluation, Siddhant COE ensures that students develop critical thinking abilities and problem-solving skills. This approach fosters a deeper understanding of the subject matter and prepares students for real-world challenges.

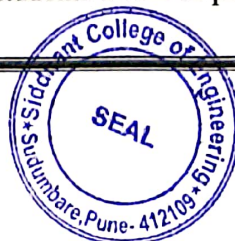
Siddhant COE, emphasizes the importance of hands on learning through mini projects. These projects allow students to apply their theoretical knowledge in practical scenarios, fostering creativity, innovation, and teamwork. Mini projects provide students with the opportunity to explore their areas of interest, gain practical skills, and develop a strong foundation for future endeavors.

Progress report of the work completed is evaluated at every stage. Documentation and investigation reports are checked. Parametric analysis of systems using suitable software is done. Optimum process and optimum design is investigated. Finally the draft for technical report is prepared

To bridge the gap between theoretical concepts and practical applications, Siddhant COE organizes industrial visits. It not only enhance students' knowledge but also provide them with valuable insights into industry practices, processes, and technologies.

Siddhant COE, recognizes the significance of practical industry experience in shaping students' careers. To this end, the college facilitates internships with small, medium and large scale industries. Internship provides an excellent opportunity to learner to see understand the conceptual aspects learned in classes and deployed into the practical world.

Training and Placement Cell provides opportunities for the students to undergo various training and internship programs in the industries. In internship programs, students work in industry for a prescribed period of time. Industrial internship activities are generally planned during vacations in order to avoid academic loss of the students. The main objective is to make the students aware of professional practices, industrial environment and



recent advancements in the field of engineering and technology. Internship program offers an opportunity for the students to implement their theoretical knowledge and increases chances of recruitment.

T and P Cell comprises of a coordinator from each department. These coordinators are headed by T and P officer of the institute. To achieve above objective, T and P cell visited companies /Industries and more students from all branches were enrolled for various industrial internship programs.

As an outcome of this activity, 07 students were placed in the same company where they completed their internship. This activity really helped in increasing total number of students placed.

Few Industry / company where our students were intern are,

- Info Wellness Pvt.Ltd.
- Om Heat Treatment Industries.
- Accurate Sheet Fabricators.
- Skoda Auto Volkswagen India Pvt. Ltd.
- 3PS Engineers Pvt. Ltd.
- Gold Sunrise Engineering Pvt. Ltd.
- Hyosung T and D India Pvt. Ltd.
- Mech-Core Industries, Sanvi Engineering Pvt. Ltd.
- Ak Preci Comp Toolings Ltd.
- Tata Motors Limited.
- V and D Engineering Works.
- Leena Engineering Worksm Indometriks Engineers
- S.R. Engineering.
- DBSE Services Pvt. Ltd.
- Inspired Control Systems Pvt. Ltd.
- Shree Tools and Stamping
- Thyssenkrupp Elevator.
- Vitesco Technologies.

Siddhant COE invites professionals from various sectors to deliver expert lectures. These industry experts share their knowledge, experiences, and insights, providing students with a holistic understanding of the industry landscape. Expert lectures offer students a glimpse into the practical applications of their chosen fields and inspire them to excel in their chosen careers.

Siddhant COE encourages industry sponsored projects, wherein students work on real-world problems and challenges identified by industry. These projects enable students to gain exposure to industry practices, collaborate with professionals, and apply their knowledge in practical. Industry-sponsored projects not only enhance students' skills but also increase their employability by providing them with relevant industry experience. Projects and topic are selected on the basis and requirement provided by the industry partners. This list of project



topics to be undertaken is displayed on notice board. Also it is discussed with students in classroom. Group of four students are made. As per the interest of students the topic are distributed. The topic or need is converted to problem statement. Objectives are finalised and are limited to three. A through literature review or the problem statement is incorporated. Mathematical model is constituted. Theoretical as well as experimental proof for the desired output are sought off. Comparison of the result obtained is summarised. Lastly the conclusion is made.

- Model based learning-

Faculty involves students in designing various conceptual prototype models for understanding of difficult/challenging systems/concepts. This activity helps in measuring the development of imagination and creativity among students. e.g. Design of Ship model for metacentric height, rolling, pitching, Design of refrigeration cycle, etc. In order to increase student's engagement in learning process, the project based learning was initiated by IQAC. Project based learning helps the students to enhance and maintain the interest and improve their grasping of the concepts.

- Project based learning-

This practices also include participative learning, storytelling, real life examples, group discussion, seminar presentations, debates, mini-projects, demonstrations, role play etc.

Siddhant COE is committed to ensuring the successful transition of its students into the professional world. The college maintains strong connections with industry partners, which facilitates excellent placement opportunities for its graduates. Siddhant COE's placement cell actively engages with companies to understand their requirements and match them with the skills and expertise of the students. This proactive approach helps students secure rewarding career opportunities in reputable organizations.

Siddhant COE stands out for its distinctive approach to education and its commitment to bridging the gap between academia and industry. Through the integration of hierarchical framework for educational objectives, emphasis on mini projects, industrial visits, internships, expert lectures, industry sponsored projects, and placement opportunities, Siddhant COE ensures that its students are well-prepared to thrive in their chosen fields. By providing a holistic educational experience that combines theoretical knowledge with practical applications, Siddhant COE equips its aspirants with skills, knowledge, and entrepreneurial skills .

