

S.D. COLLEGE OF ENGINEERING & TECHNOLOGY
MUZAFFARNAGAR (UP)

INSTITUTION INDUSTRY CELL



विद्यया मृतमश्नुते

S.D. COLLEGE OF ENGINEERING & TECHNOLOGY

Institution – Industry Cell

Institution Industry Cell is established for bridge the gap between the institute and industry and thus enhancing the relationship among each other.

This cell identifies the industrial expectation and promotes institutional preparation for meeting industrial needs by facilitating sponsored R&D projects, seminars, workshops and various other industrial training programmes.

The aim of the cell is to make an effective contribution to educational system identifying the gap between academic curriculum and need of the industry.

Institution Industry Cell promotes in equipping faculty to latest practices and makes the students industry-ready by providing exposure to current industry practices and hone their skills to adapt changing technologies.

The primary focus of Institution Industry Cell is to interact with elite industries across the country and establish partnership them.

Function of the Cell

The institute has set up an Industry-Institute Partnership Cell with the following objectives:

- ☞ Bridging the gap between Industry-Institute by interactive programs.
- ☞ Promoting a partnership approach towards mobilizing industrial personnel.
- ☞ To arrange for students' industrial visit.
- ☞ Organizing seminars, symposium, exhibitions and workshops both for faculties and students in cutting edge technologies to cater to the current need of the industry.
- ☞ To arrange industrial training for students and faculty members.
- ☞ To identify the opportunities for student project work in Industries.
- ☞ To encourage the department level tie-ups or MoUs with Industries for the mutual benefit. To promote consultancy activities and research and developmental activities with industry. To enrich the teaching learning process through identified industrial gap.
- ☞ To invite industry experts for guest lectures, seminars Brain-storming sessions and expertise sharing.

Roles & Responsibilities of the Committee Members:

- ☞ To initiate different collaboration with industries at institute level by identifying the industrial expectation and promoting institutional preparation for meeting industrial needs by facilitating project work, seminars, workshops and various other industrial training programmes.
- ☞ To identify the gap in the curriculum keeping in mind the Program Specific Outcome of their respective department and cater to them by initiating different events, workshop, industry visit etc. in collaboration with different industries.
- ☞ To identify the need of the industry and current trend by getting the requirement from the students for initiating different events, workshop in collaboration with different industries.

Institution – Industry Cell Impact Analysis:

- ☞ Webinars helps in bridging the gap between Industry and Academia and thus providing the industrial and practical knowledge to the students on recent trends in Industries.
- ☞ Students got the opportunity to work in an Industrial Project.
- ☞ The effectiveness of this practice can be gauged by the great response of the participants of the workshops.
- ☞ Students picked up what they learnt at the workshops to implement their own mini project and also final year projects.
- ☞ Industrial Visits has been organized to give the students an elaborate exposure towards the industry need in recent times.

Mentoring

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Activities of Institution Industry Cell

Under the Initiative of Institution Industry Cell, S.D. College of Engineering & Technology organized Industrial Visit for its students in the various esteemed organization. The industrial visit bridges the gap between theoretical training and practical learning in a real-life environment.

List of the events organized through Institution Industry Cell:

Name of the Industry/Organization	Date	Outcome
IT Solutions	23/04/2023	To provide practical exposure & to bridge the gap between industry & academia for quality healthcare.
Sidheshwari Paper Mill	20/04/2023	For MoU with Mechanical & Electrical Department.
TCS-EIS	30/04/2023	For giving exposure to the Software related Industry Practices.
CETPA Infotech Pvt. Ltd	10/05/2023	For giving exposure to Corporate Lifestyle & AI Expertise.
MQTT in Internet of Things, SCG Solutions	25/05/2023 (Virtual)	MQTT in IoT a demonstration done on mobile application. Students were instructed to download MQTT client. A thorough hands on activity done by the participants such as assigning client ID, setting host, subscribing for test purpose and publishing to control an IoT port.
Bajaj Motors	30/05/2023	Given the exposure to students for Industrial Culture and Machinery and Instruments.
Virtual Tour on PCB Design, Phenix Electronics	05/06/2023	In Virtual Tour on PCB Design, student have got information on every step of PCB design
Applications of electronics in Automobile Industry, Alumni from Mercedes Benz "India"	15/06/2023	Student have got information on every step of applications of electronics in Automobile Industry
The Coding Space Pvt. Ltd	17/06/2023	Students got the placement by this event.
Doosan Power Control	20/06/2023	Industry Visit and Modern Perspective of Renewable Energy in India.
L&T	08/07/2023 (Virtual)	Student Internship
Hero Motocorp	20/07/2023 (Physical)	Industry visit
Siemens	28/07/2023 (Virtual)	Discuss on Jointly organize Industrial Training.
Hindustan Unilever Ltd.	08/08/2023 (Physical)	Industry Talk on Energy Conservation & Audit.
Micropro	20/08/2023 (Virtual)	Industry Talk.
Nalanda Engineering Pvt. Ltd.	28/08/2023 (Virtual)	Virtual Industry Visit and Alumni Talk.
BSNL Head Office	07/09/2023 (Virtual)	Alumni Talk
Hindustan Uniliver	20/09/2023 (Virtual)	Student Training, Need of Measurement & Instrumentation in Industry

IT Solutions	25/09/2023	Shared view in Industry panel discussion.
Marwari IT Solutions	25/09/2023	Shared view in Industry panel discussion.
Bindal Paper Mill	05/10/2023	Industrial Visit
Sidheshwari Paper Mill	15/10/2023	Placement Drive
Goel Engineering & Services	27/10/2023	Virtual Industry visit of Goel Engineering & Services, Fire and Safety division with help of Dr. Rahul Kumar
Indus Tube Ltd.	30/10/2023	Placement Drive
Sharma Automobiles Pvt. Ltd.	05/11/2023	Shared view in Industry panel discussion.
Bajaj Motors	15/11/2023	Industrial Visit
Rana Iron Pvt. Ltd	20/11/2023	Discuss on Jointly organize Industrial Training.
MQTT in Internet of Things, SCG Solutions	15/01/2024 (Virtual)	MQTT in IoT a demonstration done on mobile application. Students were instructed to download MQTT client. A thorough hands on activity done by the participants such as assigning client ID, setting host, subscribing for test purpose and publishing to control an IoT port.
IT Solutions	22/01/2024	To provide practical exposure & to bridge the gap between industry & academia for quality healthcare.
L&T	27/01/2024 (Virtual)	Student Internship
Marwari IT Solutions	05/02/2024	Placement Drive
Gupta Electronics Pvt. Ltd.	20/02/2024	Alumni Talk & Expert View
Goel Electronics Pvt. Ltd.	20/02/2024	Alumni Talk & Expert View
Doosan Power Control	01/03/2024	Industry Visit and Modern Perspective of Renewable Energy in India.
Balaji Electronics Pvt. Ltd,	05/03/2024	Shared view in Industry panel discussion.
Proctor India Pvt. Ltd	25/03/2024	Signing MOU
Dabra Heavy Machinery & Tool Industry Pvt. Ltd	02/04/2024	Signing MOU with the company and also visit to the industry.