

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

S.No.	Name	Designation	Phone	Email Id
1.	Dr. Sidharth Sharma	Chairman	8937095030	sdengg@rediffmail.com
2.	Dr. Nitin Gupta	Convener	9410620017	onlynitingupta@gmail.com
3.	Er. Mradul Sharma	Member	8266044802	mradul1299@gmail.com
4.	Er. Vikul Tyagi	Member	9997870878	vikul83kumar@gmail.com
5.	Er. Navita Agarwal	Member	6398271991	Nvgrw106@gmail.com
6.	Er. Sachin Sangal	Member	9458872121	sangal.sachin@gmail.com
7.	Er. Parul Gupta	Member	9410620018	parul_agarwal24@rediffmail.com
8.	Er. Alisha Rani	Member	9319408828	sdcetadmission@gmail.com

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.

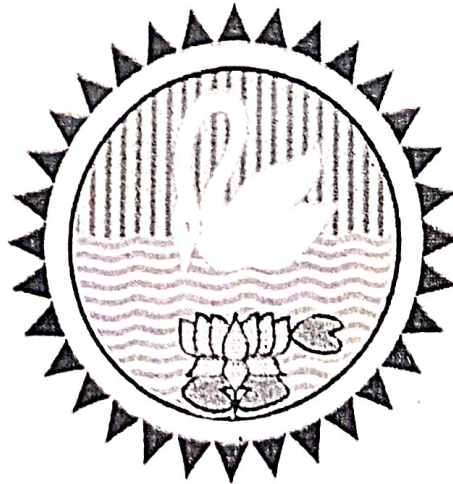
S.D. COLLEGE OF ENGINEERING & TECHNOLOGY
MUZAFFARNAGAR (UP)

(REPORT)

INSTITUTION'S
INNOVATION
COUNCIL-IIC

(INSTITUTE LEVEL)

(SESSION 2023-24)



विद्ययामृतमश्नुते



S.D. COLLEGE OF ENGINEERING & TECHNOLOGY

Institution's Innovation Council

Institution's Innovation Council is established for bridge the gap between the institute and industry and thus enhancing the relationship among each other.

This council 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 council is to make an effective contribution to educational system identifying the gap between academic curriculum and need of the industry.

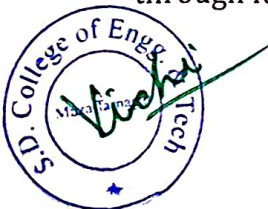
Institution's Innovation Council promotes in equipping faculty to latest practices and makes the students industry-ready by providing exposure to current industry practices and hone their skills to adapt changing technologies.

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

Function of the Council

The institute has set up an Industry-Institute Partnership Council 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's Innovation Council 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

Sr. No.	Name of Member	Member Type (Teaching/ Nonteaching /Student/External Expert)	Key Role/ Position assigned in IIC
1.	Dr. Vidhi Singh	Associate Professor, Applied Science Mob.: 9412534459 e-mail: singhvidhi13@gmail.com	President
2.	Mrs. Parul Gupta	Assistant Professor, HOD, ECE Department. Mob.: 9410620018 e-mail: parul_agarwal24@rediffmail.com	Coordinator
3.	Mrs. Shikha Sharma	CSE Department, Mob.: 9015149122 e-mail: shikha.sharma2489@gmail.com	Start-up Activity Coordinator
4.	Er. Manoj Kumar Jha	ME Department, Mob.: 9219053414 e-mail: ermanojjha@gmail.com	Innovation activity Coordinator



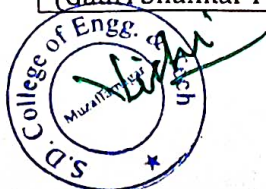
5.	Ms. Kritika Sharma	MBA Department Mob.: 7455960806, e-mail: kritika2127@gmail.com	Social Media Coordinator
6.	Mr. Jagjeet Singh Bajwa	Training & Placement Officer Mob.: 9258256937, e-mail: hrsdcet@gmail.com	Internship Coordinator
7.	Mr. Rajendra Kumar	Office Superintendent, Administration Block Mob.: 9319408828, e-mail: sdengg@rediffmail.com	Office Superintendent
8.	Ms. Amanpreet Kaur	Member Journalist- SD Radio 90.8 FM, Muzaffarnagar, Mob: 8937095020 e-mail: radiosd90.8@gmail.com	Media Coordinator

Activities of Institution's Innovation Council

Under the Initiative of Institution's Innovation Council, 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's Innovation Council:

Topic	Program Driven By	Date	Outcome
Inter/Intra Institution Competition	Q-III IIC Calendar	05.03.2024	It encourages students to set goals, work hard and contributing to personal growth
International Women Day	Q-III Celebration	08.03.2024	To make Women more powerful
Display of new innovation	Q-III IIC Calendar	09.03.2024	Students can see the new innovation and learn how they are good for society
Exhibition of Models & Poster Presentation	Q-III IIC Calendar	13.03.2024	Students are aware about the new innovation in different field
Webinar	Q-III Self Driven	20.04.2024	Students can learn Physical Design, Analog Circuit Design, Analog Layout Design and Design for Test.
World Intellectual Property Day	Q-III Celebration	26.04.2024	The main advantage of IPR is the encourage and protect the creation distribution and offering of new goods
Session on how the plan for start-up	Q-III IIC Calendar	27.04.2024	Discover the passion and skills, research and planning and start small scale start-up
Innovation	Q-III Self Driven	08.05.2024	It is useful in Agriculture
Seminar on Career Building	Q-III Self Driven	11.05.2024	Students know about the working culture in companies
Workshop of Collaboration of CAD with manufacturing	Q-IV Self Driven	13.06.2024	To make student company ready
Industrial Visit (Gulshan Polyols Ltd.)	Q-IV Self Driven	15.06.2024	Student can become the plant ready
Campus Placement Drive (Gauri Shankar Polymers)	Q-IV Self Driven	16.06.2024	Got the Job



Campus Placement Drive (Sri Bhageshwari Paper Pvt. Ltd)	Q-IV Self Driven	16.06.2024	Got the Job
Company Visit (Tata Motors)	Q-IV Self Driven	21.06.2024	Learn about the working of machinery
Visit to 400kva Sub-station	Q-IV Self Driven	26.06.2024	Learn about transmission of line
Display of Prototype Model	Q-IV Self Driven	28.06.2024	To know the working of three face devices and protect them
Visit to BSNL	Q-IV Self Driven	04.07.2024	To understand the working of devices using BSNL
International Conference on "The Future of AI and Semi Conductor Trends in Predictions"	Q-IV Self Driven	07.07.2024	Students and Research Scholars get the information about the latest trend in AI and Semi Conductor
Bosch Bridge Skill Development	Q-IV Self Driven	17.07.2024	Students can learn about new skills
Tree Plantation	Q-IV Self Driven	20.07.2024	Students should know how to plant a tree its care
Exhibition Poster Presentation	Q-IV IIC Calendar	20.07.2024	It help students to develop valuable skills such as leadership problem solving and time management that can benefit them in any career path
Session on discussion with Innovation and Start-up Ecosystem	Q-IV IIC Calendar	10.08.2024	Students who develop skills are better prepared for future challenges and opportunities.
Session on Innovation/Prototype Validation & Converting in to Start-up	Q-IV IIC Calendar	17.08.2024	Students can go through the new innovation ideas and prototype

Vidhi
(Dr. Vidhi Singh)
IIC President

