

Sahyog-22 Report

22/9/22

An Industry-Academia Collaboration Meet- Sahyog-2022, was organized in the Chanakya Hall of Electrical Department on 17th September 2022, between 3 -5 pm. The motive behind the meeting was to enhance the liaison between Industry and Academia. The meeting aimed at bilateral working between the Industry and Electrical Department, LDCE so that it could be a win-win situation for both. The meeting was attended by the Principal of the institute - Dr. Rajul Gajjar, invited industry personnel, faculty and staff of the Electrical Department, and student representatives.

18 industry personnel were present in the meeting.

The agenda of the Meet was:

- To bridge the gap between academia and industry by building a symbiotic relationship between the two.
- Help solve industrial problems through research, testing and consultancy.
- Provide ample opportunity for industrial exposure to the students in the form of industry visits, internships, and projects.
- Involve industry personnel in the curriculum design, delivery and assessment to prepare the students as industry ready.
- Explore the possibility of signing MOU's.
- Explore the possibility of setting up industry supported lab.
- Discuss criteria followed by industries for student employability.

The meeting proceedings are as under:

Welcome Address

- The meeting started with a warm welcome to all the invitees by Prof. H N Raval.
- Prof. M C Chudasama invited the guests and thanked them for sparing their valuable time. He briefly explained the purpose of the meet.





Prayer

‘Saraswati Vandana’ was recited by Prof. H N Raval and Prof. Falguni Shah, rightfully supported by all the attendees, accompanied by the lamp lighting by the dignitaries on the dais.



Presentation and Introductory address

- In her introductory address, Prof. Jyoti Iyer reiterated that the meet had been organized to cultivate a symbiotic relationship between Industry and Electrical Dept. She spoke about the objective of the meet by way of solving industrial problems through testing and consultancy, providing industrial exposure to the students in the form of industry

visits, internships and projects, involving industry personnel in the curriculum design and exploring the possibility of signing MOU's, with these companies.

Brief about the institute and department

- In her presentation, she mentioned about the platinum jubilee celebrations in the institute and the launching of the centennial institute vision.

She highlighted the vision and mission of the department. Talked about various strengths of the department, achievements and recognitions, labs and student start-up & Innovation policy, student chapters run by the department, students' participation in Hackathon events, awards and achievements of the students, Alumni contribution to the department and as to what are the present industry linkage activities of the department.

Testing and Consultancy by the department

- Prof. U L Makwana talked about the testing facilities available at the department. He mentioned that, presently, the main focus is on indoor and outdoor cable testing but it can be extended to the testing of various other electrical equipment also, if such inquiries are received by the department. He also mentioned that consultancy services in terms of validating the technical facilities could be provided by the department as third-party opinion. Many industry invitees took note of the facilities and have asked the department for testing support as seen from the feedback forms.

Internship and Student Project Details

- Prof. Rachna Patel gave the statistics of the internships taken by the students in the AY 2021-22.
- She explained how internships and final year students' project exhibition 'KAIZEN-2022' were helpful to the students in getting placed.
- She also gave information about various MOUs signed between the department and industries for various purposes. Sample MOU signed in the previous year was shown to all.

Placement Details

- Prof. M.I. Siddiqui presented the placement status of the department.
- He highlighted the list of students placed in industries and having gone for higher studies along with the list of students having got admission in prestigious institutions. for higher studies.

Self-Introduction of the invitees

- Prof. H N Raval requested the invited personnel to introduce themselves.
- Every guest gave their brief introduction and spoke about how they could be of help to the department and what they expect from the department.



5. Address by the Principal

- The principal of the institute, Prof. Rajul Gajjar addressed the meeting, emphasizing how industries can help students enhance their technical skills.
- She spoke about the industry personnel sparing some time to mentor the students along with the department teachers, so as to connect with them, guide them and aid in shaping their careers to make them industry-ready.



Open Panel Discussion

1. Prof. M C Chudasama and Prof. J R Iyer invited the industry personnel for an open discussion to deliberate on what are the industry expectations from academia and how academia can be benefitted from the industry.

Their suggestions were as below:

- Mr. Milove Kothari of Emeral Energy Solutions Pvt Ltd. suggested that it would be better to know what the students need from the industries. The students' careers must be shaped according to their needs.
- Ms. Dipti Dubal of TUV SUD, South Asia emphasized getting some professional certificates by the students while studying, as these are deemed important by various and which act in the way of easy absorption after their study. She reiterated that, updating knowledge is a must with the advent of new things in any industry.
- Mr. Aakash Trivedi, Founder, C. H. Enterprise & Consultants said Sustainable development is the need of the hour and students should foresee sectors which 5-10 years from now would be booming sectors.
- Mr. Amit Modh of Amco Engineers suggested that students must remain updated with the recent trends in the industries so that they can foresee the upcoming trends in the future and shape their careers in that direction properly. According to him, their vision must be a minimum of 10-20 years down the line. In response to his suggestions, Prof. M C Chudasama and Prof. J R Iyer invited the guests for expert lectures for the students benefit.
- Mr. Shalin Shah of Reliance India Ltd. asked some questions about maintenance in industries to the students. He explained about various work being carried out in various industries in brief. Mr. Shalin Shah of Reliance India Ltd. insisted on learning of Artificial Intelligence (AI) applications by the students from an electrical point of view.
- Mr. Ketan Bhatt of Mahalaxmi Industries suggested that students be adept with the fundamentals and the design aspects. He emphasized that renewable energy is the future. He was of the opinion that if the labs in the department are NABL accredited, it would prove a boon for so many industries as they have to rely heavily on other agencies for certification.
- Mr. Nehal Shah of L&T suggested that students must do some course modules designed by L & T which in turn will lead to internships there itself. As the courses are professionally designed and delivered by senior industry experts, they would be highly beneficial to the students. He was of the idea that the courses can be funded by RUSA.
- Ms. Geeta Nambiar of G Sons Power suggested that the internship to the students should be kept open from 3rd Sem. So that as they reach the final year, they have sufficient exposure of practicals also. She also suggested including AutoCad as a part of the study in any way. Ms. Iyer asked all the invitees to fill in the feedback form where, there was one point of which topic they think should be included in the syllabus.
- Shri Kirti Patel of Usha Electricals said that fundamental knowledge of Electrical, Mechanical, and Civil is useful in any industry in problem-solving. He too advocated learning of AutoCAD during the four years tenure.
- Shri Milind Shah of Powerlite Electricals told that students must decide at an early stage, in which field they want to go. i.e. power, machine etc. And accordingly, they should shape their future direction.

- Mr. Sabuwala of PDF Engineers Pvt. Ltd. Shared his memories of LD and as to how the guidance of teachers had led him to become a successful entrepreneur.
- Mr. Anil Gupta of Solar Consultants & Engineers Pvt. Ltd. stressed on mastering a specific area of one's interest and remaining updated on the latest things.
- Mr. Milove Kothari said that now a days, EV chargers, DC motors and many other equipments are being imported. He stressed on Make in India and that sustainability projects must be taken up and accomplished with the fundamental knowledge of Electrical and allied branches. He also showed his eagerness to give industry-ready projects to the department.
- Prof. J R Iyer asked all for financial support for the department to establish an IoT lab. She requested the invitees to help the students in their projects /internships by giving them chance in their companies.
- Mr. Valkesh Prajapati of Oritech Solutions Pvt. Ltd. confirmed support for the repairing/refurbishing of the Power Electronics Lab kits.
- All of them filled in the feedback form in which they agreed to help students in various heads. Also the Alumni feedback form given by LAA was filled in by them in which many have shown inclination for supporting the institute in achieving its centennial vision,





Refreshment and vote of thanks

The attendees were served refreshments during the discussion. In the end, Prof. D P Maheshwari asked for industry support as much as possible and expressed gratitude to all the industry personnel for sparing their precious time, providing valuable suggestions, and said their cooperation was anticipated in all future endeavours. A brief interaction between the students and the industry personnel quenched the curiosities of the students. Memories of the program were captured in a joint photoshoot of all the attendees. The program ended with a grand success having gestures of satisfaction on everyone's faces.





Finally, the guests took a round of the project lab where the student projects were showcased. The students demonstrated their work. The experts gave them some suggestions from their market experience.



