



issue-03

DIL ROUNDUP

April - May - June 2022

Directorate of Industrial Liaison - NED University of Engineering & Technology

Editor's Note



University industrial collaboration refers to the interaction between higher educational system and industry aiming mainly to encourage knowledge and technology exchange. Universities have a wealth of knowledge and talent, from world class academic researchers to students and stimulate companies for internal

research and development programs. University researchers help industrial scientists to identify current research that might be useful for them to design and development of innovative processes and potential products for them.

Engr. Dr. Muhammad Amir Qureshi
Director DIL

About DIL

The Directorate of Industrial Liaison (DIL) was established at NED University of Engineering & Technology in 1997. The prime objectives of DIL are to create and enhance the required university-industry linkages in the form of various activities including Internships, Field study visits, Final year projects and Job placements.

The vision of DIL Department is to empower students to discover and pursue a path to a fulfilling career, so they can make their own unique marks Pakistan's social and economic transformation.

Recognizing that career development is a life-long process, the mission of DIL Department is to facilitate students as they explore and further understand themselves and career options, gain valuable experience, develop as professional market leaders, and present their knowledge for betterment of society.

University and Industry are key actors of the national innovation system of any country. Historically, university researchers have collaborated with industrial scientists on marketable projects. Traditionally, industry sought partnerships with universities as a means to identify and train future employees.

The interdependent research relationships between universities and companies enable both entities to sustain growth in their areas. While companies rely on university researchers for product innovations, faculty gains prestige through increased external research funds. Just as industry needs innovative ideas to ensure profits, researchers need additional research dollars to sustain faculty productivity. Following are the KPI's of DIL Department.

1. Industrial Visits
2. Internships
3. Job Facilitation/ Recruitments
4. Final Year Design Projects



1. Industrial Visits

DIL arranges study visits for the students from 2nd year onwards and faculty at various industries and organizations to get the practical exposure of the industry.



Chemical Department Students went for industrial Visit at LOTTE Chemical Pakistan Limited.

Food Engineering Students went for Industrial Visit At Dalda Foods Ltd.



Following Industrial visits were arranged in (3rd Qtr)

S.No	Companies	Department	S.No.	Companies	Department
1.	Atlas Honda Limited	Mechanical Engineering	9.	National Refinery Limited	Industrial chemistry
2.	KTDMC	Elect.Engg. (IEEE PES) Society	10.	Pakistan Refinery Limited	Industrial chemistry
3.	Atlas Engineering (Pvt.) Ltd.	ASME (Society)	11.	Cynergyico Pk Limited	Industrial chemistry
4.	Amreli Steel (pvt.) Ltd.	Materials Engineering	12.	Engro Polymer & Chemical Ltd.	Industrial chemistry
5.	PharmaEva Factory	Mechanical Engineering	13.	Fauji Fertilizer Bin Qasim Ltd.	Industrial chemistry
6.	Aga Khan University HYAC Plant	ASHRAE NED	14.	GETZ Pharma	Industrial chemistry
7.	Pakistan State Oil (Port Qasim)	Mechanical Engineering	15.	Al- Karam Textie (Pvt.) Ltd.	ASME (Society)
8.	Dewan Cement Limited	Mechanical Engineering	16.	Abbott Laboratories	Industrial chemistry

2. Internships

DIL is since then involved in arranging internships opportunities in vacations for students in different organizations / industries as per academic calendar.



Summer Internship Program 2022



Summer Interns after a rigorous selection drive conducted at NED. A wholesome onboarding experience for them that included an extensive market visit, a detailed factory visit to show them their operational excellence, and an interesting tour of Tea Lab to demonstrate art of tea tasting and creating the best blend.

Every Intern is assigned a business project with a project coach along with periodic learning bites and one on one coaching sessions with Industry Leaders to gear them up for their professional corporate journeys.



ASIM KHAN
Automotive Engr. '22 | NEDUET |
Intern at **Master Motor Company Limited**

He Has completed 4 weeks Engineering Internship in Plant Engineering and Maintenance Department. & express gratitude towards the guidance and support, I have received during this internship from Directorate of Industrial Liaison.



3. Final Year Design Projects

DIL is engaged in collecting the topics of final year projects and arranging technical / practical help from the industries related with the projects. In a number of cases the industries have assigned projects to the university students with competent advisors from their organizations to help the students.

189 Projects were received and shared with the departments against the request letters sent to the following prominent companies. Projects request letters for Batch: 2019 has been shared with the companies. Prominent companies are;

Paragon Construction	PCSIR
Patel Hospital	SSGC
Artistic Milliners (Pvt.) Ltd.	Afroze Textile Industries
Peoples Steel Mills Ltd.	Lakhani Group Builders
Karachi Shipyard	Helix Pharma (Pvt.) Ltd.
Askari Bank Ltd.	General Tyre



**Mechanical Engineering Students
FYP Visit Amreli Steel Dhabeji Plant**

4. Job Facilitations/ Recruitments

DIL encourages the prospective Employers for on-campus hiring and facilitate them to conduct Presentations, Tests and Interviews for recruitment. Many multi-national companies, some overseas employers, local business groups and small and medium Enterprises (SME) are availing such facilities on need basis.

DIL has explored new ways to minimize the gap between by academia and industry by developing LinkedIn page to facilitate the students by creating a bridge between university with various companies/ industries. This online platform will be helpful for both professional networking and career development that allows job seekers to post their CVs and employers to post jobs.

DIL also shares Graduate Directories with employers, arranging and pre-employment orientation programs and online faculty wise in-house/ online sessions that meets the need of the university students by providing, engaging in academically strong and experiential learning sessions in work readiness environment and enhancing their communication and presentation skills according to prospective career needs.



Abdul Majeed • Process Engineer - Novatex Ltd.

I would like to thank everyone at DIL NED & Novatex Limited that helped me flourish in my role. It's an honor to work at a company that serves as an industry leader and truly allows their employees to grow.





Muhammad Awais
Software Engineer at NETSOL Technologies

Huda Ahmed (Electrical Graduate)
Sindh Engro Coal



Research & Technology Showcase 2022



NED University of engineering & technology and Sindh HEC organized 'The Research & Technology Showcase 2022' on 19th & 20th May at Karachi Expo Centre, featuring the indigenously developed technologies of fast-rising higher education institutes of Sindh to the relevant industries, government bodies, R&D organizations, alumni, community etc., for the advancement of research and commercialization culture to facilitate the industry-academia collaboration and development. The event celebrates and showcases remarkable level research products / technologies developed by the faculty and researchers from their state-of-the-art Research Centers and Labs.

For more details follow the given link:

<https://www.sindhhec.gov.pk/Shec%20showcase%202022%20abstract%20book.pdf>



Soorty Careers Counseling Session

An interactive session "Shape Your Destiny" delivered by Mr. Noman Hamid - General Manager Soorty Enterprises Pvt. Ltd. at NED University of Engineering and Technology.

Note: For more information please visit the following links;

<https://www.neduet.edu.pk/DIL>

<https://www.linkedin.com/in/directorate-of-industrial-liaison-ned-uet/>

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