

SEMINAR COVERAGE & REPORTING

<u>Topic of Discussion:</u> “Career Counseling and Higher Education”	<u>Date – Duration:</u> 1 st November, 2022 11:00 am - 12:30 pm
	<u>Venue:</u> PPD Lecture Hall
<u>Nature/Purpose of the Event:</u> To develop competencies in students’ educational and occupational exploration, and acquaint them with career planning initiatives.	<u>Event Organizing Body (Society/ Department):</u> Department of Polymer & Petrochemical Engineering

Guests of Honor/Speakers

Name: Engr. Muhammad Alyaan Ahmed Khan
Designation: Plant Productivity and Product Quality
Employment: Orion Plastics Inc.

Seminar Details/ Highlights **(Specify competition results if any)**

The interactive discussion regarding potential career paths started with a brief introduction of the guest speaker:

- Graduated from Polymer and Petrochemical department, NEDUET, 2011
- Lecturer in NEDUET for a duration of six months
- Masters of Sciences in Polymer Science and Technology from Middle East Technical University, Turkey
- Five years of employment in a synthetic industry in Turkey
- PhD in Mechanical engineering specialization in Carbon Fibers from Asphaltene from University of Alberta, Canada
- Lean Engineer in Orion Plastics Inc., Canada

Experience (Polymer Processing):

- Cast film and blown film extrusion
- Sheets manufacturing
- Masterbatches
- PP rafia
- Flexible intermediate bulk containers

Following topics were highlighted as current and promising research domains for masters:

- Melt spinning
- Carbon nanotubes
- Nanofibers

- Graphene Synthesis

The following points regarding formal protocols to adhere to while applying for masters abroad/ job were discussed:

- Selecting country and university according to research interest
- Establishing reasons for choice
- Setting deadlines for the process
- Formulating a Statement of Purpose (SOP)
- Tailoring the SOP according to the expertise of every professor
- Connecting FYP with the domain of masters and expanding research boundaries
- Importance of work ethics and professional etiquettes
- Developing communication and technical skills
- Acquiring certifications according to domain of interest (Data analysis/ Python/ Lean Manufacturing)

Participants:

No. of student attendees = 55

EVENT REPORTED BY

Name	Engr. Nadia Khan	Designation	Assistant Professor
Department	Polymer & Petrochemical Engineering	Contact No.(Ext)	