

SEMINAR COVERAGE & REPORTING

<p><u>Topic of Discussion:</u></p> <p style="text-align: center;">“six-sigma & Lean six-sigma”</p>	<p><u>Date – Duration:</u></p> <p>15 November, 2022 11:00 am - 12:30 pm</p> <p><u>Venue:</u></p> <p>PPD Lecture Hall</p>
<p><u>Nature/Purpose of the Event:</u></p> <p>To develop the importance of 6-sigma & lean 6-sigma technique to improve optimization in the industries to students.</p>	<p><u>Event Organizing Body (Society/ Department):</u></p> <p>Department of Polymer & Petrochemical Engineering</p>

Guests of Honor/Speakers

Name: Azan Sarwar
Designation: Deputy General Manager Business Excellence -Artistic Milliners
Employment: Industrial Engineering Leader, Project Management Professional

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 Industrial Engineering department
- 10+ years of experience in Home textiles, Terry Towels & Denim Sectors
- Masters in Industrial Management (NED)
- Vice Chairman-Pakistan Society of Industrial Engineers (PSIE)

Experience

- Certified Lean Expert (IASSC)
- Certified Kaizen Facilitator (MSI)
- Certified Six Sigma Green Belt (PIQC)
- Certified QMS Lead Auditor (IRCA)

The following points regarding the six sigma and lean sigma tool were discussed:

- Lean sigma is impossible to avoid in industry for optimization.
- The goal of six sigma is to reduced variation for optimal quality control
- Data analysis to analyze and reduce the error or defects
- The purpose is to improve cycle time while reducing manufacturing defects to no more than 3.4 defects per million units
- Main six sigma tools and techniques include DMAIC(define, measure, analyze, improve, and control process), 5s, seven wastes, value streaming mapping, flow, visual workplace, voice of the customer
- Six sigma focuses on reducing process variation and enhancing process control
- Lean six sigma is data driven philosophy of improvement that values defect prevention over defect

detection

- Increase efficiency and company legal risk would be reduced

Participants:

No. of student attendees = 65

EVENT REPORTED BY

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