SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE
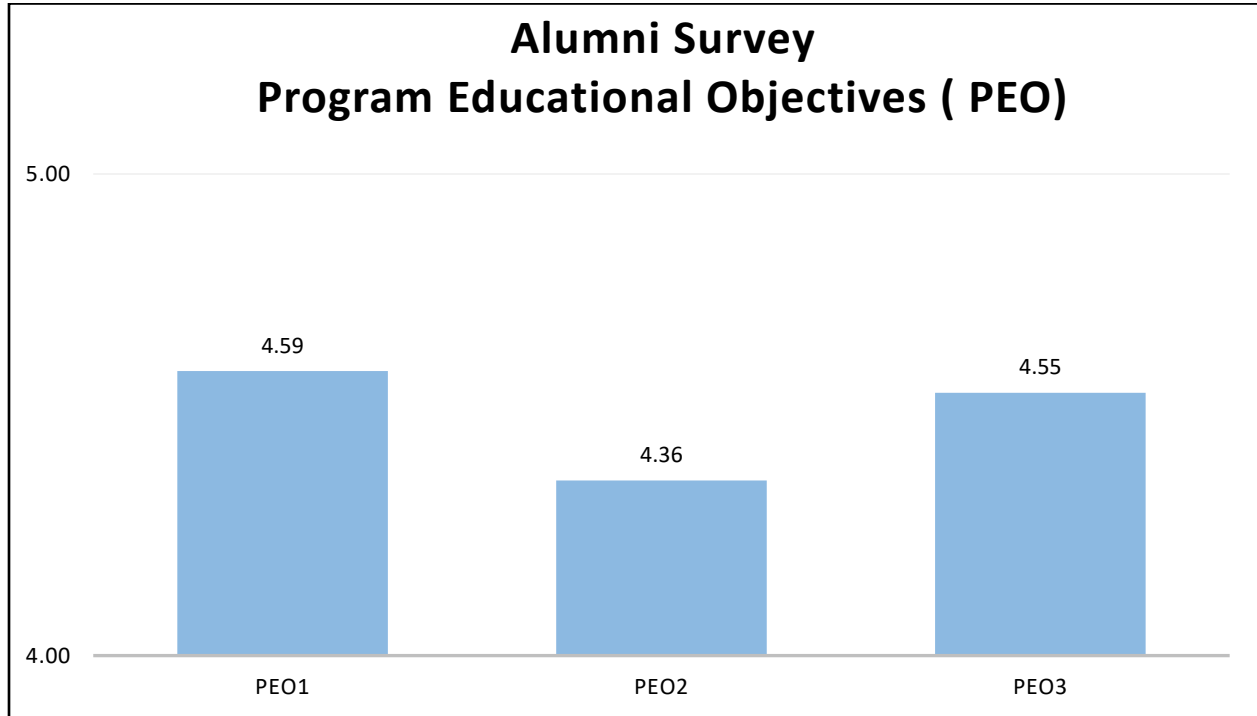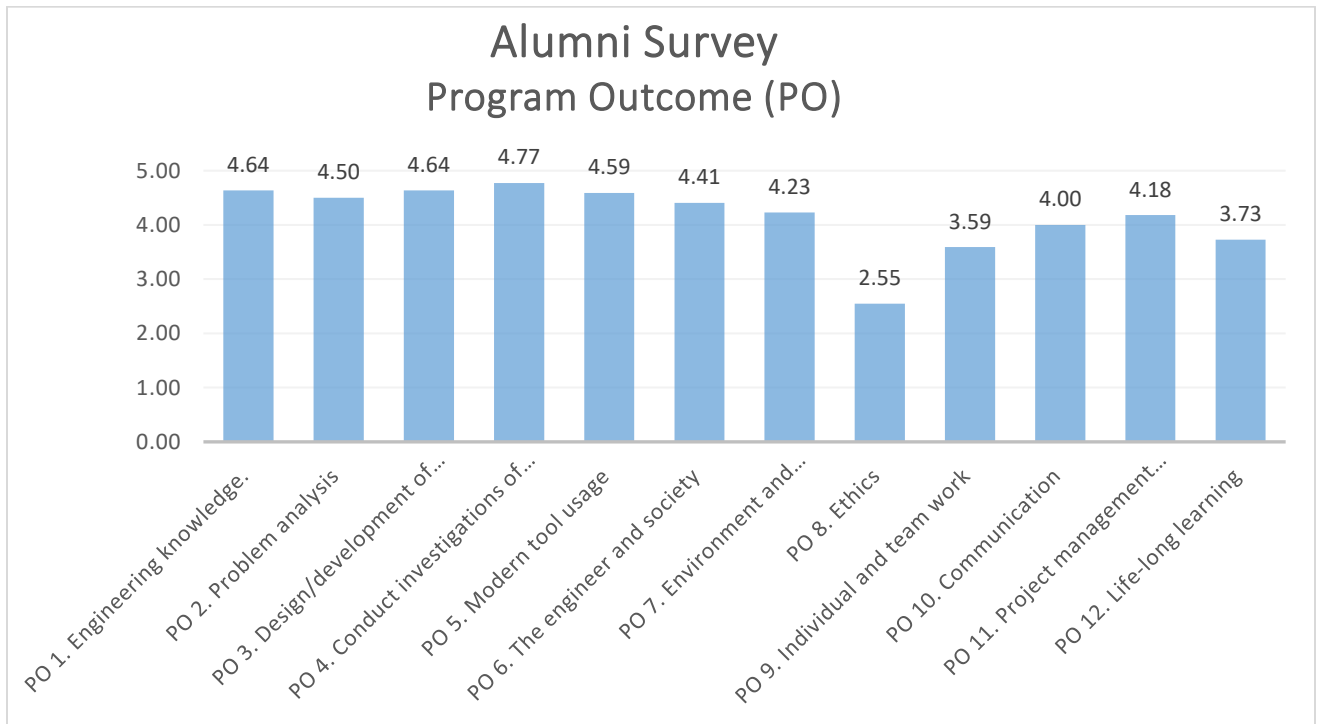## Department of Industrial and Production Engineering
Alumni Survey 2020-21

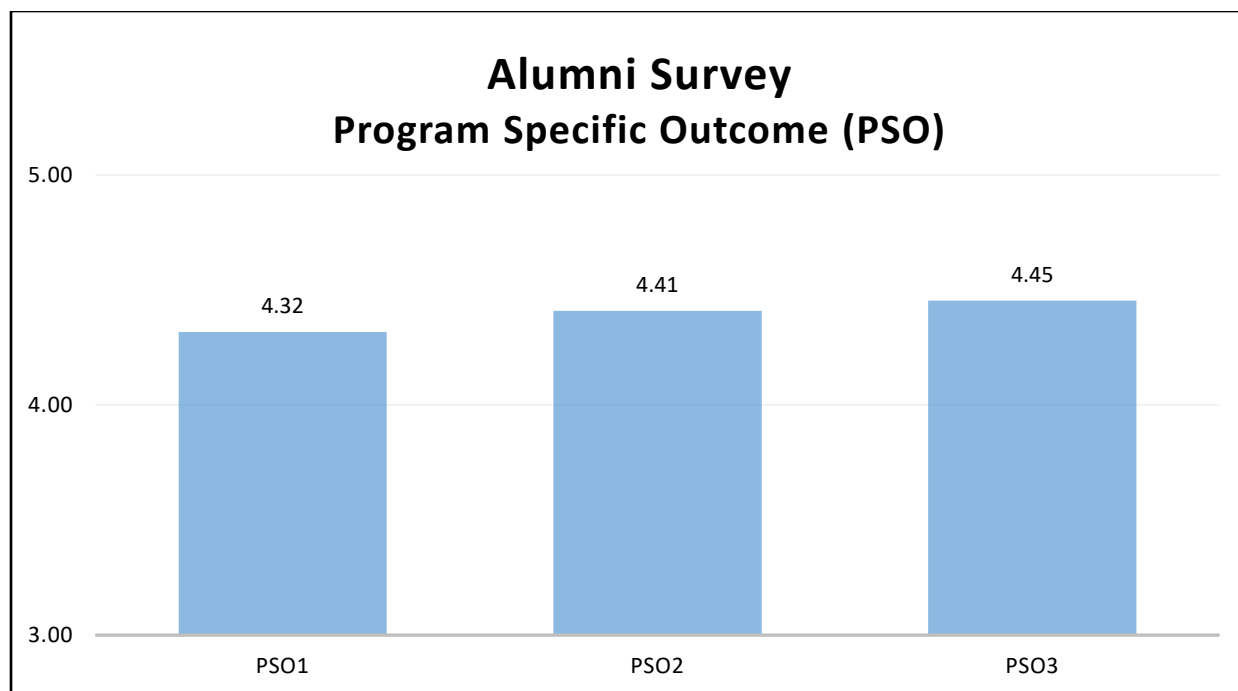## Alumni Survey
Program Educational Objectives (PEO)

Alumni Feedback Analysis of Program Educational Objectives (PEO)

Program Educational Objectives (PEO)	Degree of Relevance				
	1	**2**	**3**	**4**	**5**
PEO 1: To prepare graduates with core knowledge for successful technical careers.					
PEO 2: To develop future industry professionals with excellent communication skills.					
PEO 3: To encourage students for higher studies in technology and management and promote lifelong learning attitude.					

Alumni Survey
Program Outcome (PO)

Bar chart values:
- PO 1. Engineering knowledge: 4.64
- PO 2. Problem analysis: 4.50
- PO 3. Design/development of...: 4.64
- PO 4. Conduct investigations of...: 4.77
- PO 5. Modern tool usage: 4.59
- PO 6. The engineer and society: 4.41
- PO 7. Environment and...: 4.23
- PO 8. Ethics: 2.55
- PO 9. Individual and team work: 3.59
- PO 10. Communication: 4.00
- PO 11. Project management...: 4.18
- PO 12. Life-long learning: 3.73

Alumni Feedback Analysis of Program Outcome (PO)

Program Outcome (PO)	Degree of Relevance				
	1	2	3	4	5
PO 1. Engineering knowledge.					
PO 2. Problem analysis					
PO 3. Design/development of solutions					
PO 4. Conduct investigations of complex problems					
PO 5. Modern tool usage					
PO 6. The engineer and society					
PO 7. Environment and sustainability					
PO 8. Ethics					
PO 9. Individual and team work					
PO 10. Communication					
PO 11. Project management and finance					
PO 12. Life-long learning					

Alumni Survey
Program Specific Outcome (PSO)

Alumni Feedback Analysis of Program Specific Outcome (PSO)

Program Specific Outcome (PSO)	Degree of Relevance				
	1	**2**	**3**	**4**	**5**
PSO 1: Able to analyse the basic and advanced manufacturing processes					
PSO 2: Ability to assess the efficacy of manufacturing systems by applying the knowledge of industrial engineering					
PSO 3: To enable the students to take up career in industry and higher studies					

List a few courses that you wish to include in the B.Tech (Industrial and Production Engineering) program which you think are important for building up a good career.

Logistics 4.0

Six Sigma

Data analysis, statistics

Analytics Subjects

Data Analytics

Data/business analytics, communication.

Industry 4.0 and Digitization of Manufacturing

AI in Production

ERP knowledge like SAP

Six Sigma

Advance Manufacturing

Industry 4.0, Future skills like IoT, XR, Data Analysis, machine learning, 6 Sigma in detail.

Robotics and Automation

Automation and Robotics

Modern software tools used for management for scheduling

Business Analytics

 Advanced project management skills

1) Machine Learning

2) Supply chain analytics

Data Analytics, Artificial Intelligence

Additive Manufacturing

Composite Materials