

Department of Industrial Engineering

List of FYDP's for 2K19

#	IE Streams	Internal Examiner	Topics	Reg. No.	Name
1	Systems Engineering	Prof. Dr. Mirza Jahanzaib/Dr. Muhammad Jawad	A Simulation based Model for Planning and Control of Manufacturing Activities on Shop Floor	19-IE-19	Rimsha Pervaiz
				19-IE-24	Tuba Fiaz
2	Product Design/Development		Investigating the effect of process parameters and filler metals on mechanical attributes during gas tungsten arc welding	19-IE-07	M. Mubeen Tahir
				19-IE-34	M. Sajjad
3	Lean Manufacturing	Prof Dr. Wasim Ahmed	Productivity Enhancement through Lean and Ergonomics Integration	19-IE-17	Sohaib Roomi
				19-IE-43	M. Hassan Wasim
4	Lean Manufacturing/Automation		Lean implementation through Industrial Automation	19-IE-30	Syed M. Hamid Ali Hassan
				19-IE-41	Muhammad Bin Sakhawat
5			Lean Implementation in Small Manufacturing Entreprizes	19-IE-02	Zoha Abdul Ghaffar
				19-IE-12	Esha Hassan
				19-IE-46	Kiran Fatima
6	Systems Engineering/Operations Management	Dr. Muhammad Khurram Ali	Modeling and Simulation for Globalization of SME's	19-IE-11	Hamza Tariq
				19-IE-44	Hammad-ur-Rehman
7			MCDM for LCA of Waste Water Treatment	19-IE-08	Rana Qasim Ali
				19-IE-13	Muhammad Tayyab

8	Product Design/ Automation	Dr. Salman Hussain	Development of Wind-Solar Hybrid Energy Generation	19-IE-40	Ahsan Zahoor
				19-IE-48	Muhammad Ali Bhatti
9	Product Design/ Automation		Development of Painting Robot for Spherical Parts.	19-IE-39	Khalid Saeed
				19-IE-50	Muhammad Khizer Afzal
10	Product Design/Development	Dr. Saifullah	Ergonomic Design of Helmet for Comfort of Motorbike riders	19-IE-29	Farjad Ahmad Khan
19-IE-38				Syed M. Umar Ishfaq	
11			Ergonomic space design for motorbike riders / Rikshaw drivers	19-IE-20	Tayyab Saleem
				19-IE-21	M. Zain Malik
12			Development of work-aid devices to improve production in Garment Industry	19-IE-06	Syed Zamin Raza
				19-IE-01	Abdullah
13	Design and Manufacturing	Dr. Muhammad Sajid	Rapid Tooling Development for Low Cost Dies	19-IE-10	M. Ali Bin Khatab
				19-IE-15	Abdul Rehman Margesh
14	Product Design & Development	Dr. Zaheer Ahmad	Design and Fabrication of Bucket Conveyer System	19-IE-35	Muhammad Bilal
				19-IE-36	Farhan Afzal
15	Operations Management	Engr. Zahid Rashid	Sustainable Transition in Textile and Apparel Industry with a focus on transition-related barriers, methods and applications	19-IE-04	Samia Khalid
				19-IE-23	Atufa Naeem
				19-IE-27	Manahil Mansoor
				19-IE-49	Iqra Mushtaq

16	Human Factors and Ergonomics		Future of automated and electric vehicles in developing countries- Opportunities and Challenges	19-IE-22	Ahmad Ghafoor
				19-IE-33	Zulqarnain
17	Product Design & Development	Dr. Abid Ali	Design and Fabrication of Solar based Lawnmower/ grass cutter	19-IE-18	Muhammad Hammad Akhtar
				19-IE-25	Muhammad Muneeb Ahmad
18	Lean Manufacturing		Identification and Prioritization of Green Manufacturing Drivers, Barriers, and Enablers to Enhance Sustainability	19-IE-16	Muhammad Raqib
				19-IE-47	Ahsan Ghaffar