Final Year Project Showcase Batch-2017
Year 2021

	Department: Industrial & Manufacturing Engineering Programme: Industrial & Manufacturing Engineering	
1	**Project Idea**	**To provide more effective and efficient Supply Chain by working three pillar areas of supply chain planning department i.e. Production Scheduling, Sales & Operations Planning and Psychotropic/ Quota based products planning.**
2	**Process**	Implemantation of lean tools.
3	**Outcome**	To provide standard operating procedures for the supply chain planning department and improve the work stream by contrasting as is a cosandition with international standards followed by pharmaceutical industries worldwide.
4	**Evidence (Theoretical Basis)**	SOP's, Layouts, VSM's.
5	**Competitive Advantage or Unique Selling Proposition** (Cost Reduction, Process improvement, Attainment of any SDG (Sustainable Development Goal), increase of market share or capturing new market or having superior performance over a competitor. In summary, any striking aspect of the project that compels the industry to invest in FYP or purchase it. Some detailed description is required in terms of how, why when what. You can select one or more from the following dropdown and delete the rest of them). Please keep relevant options, delete the rest of them, and correct the sequence	
a	**Cost Reduction of Existing Product**	Reduction of cost by analyzing through VSM
b	**Process Improvement which Leads to Superior Product or Cost Reduction, Efficiency Improvement of the Whole Process** (e.g. What is the issue is current process and what improvement you suggests)	In curret situstion the issues were communication gap, non value added activities, poor end to end visibility, non standardized operations for which we suggest the integration of SOPs, collaborative planning forecasting & replenishment, KANBAN, JIT, FSN, integrationg of RFID, integartion of conveyor and inventory projection.
c	**Attainment of any SDG** (e.g. How it is achieved and why it is necessary for the region)	The mentioned lean tools were applied in order to improve the workdtram of the organization.
6	**Target Market** (Industries, Groups, Individuals, Families, Students, etc) Please provide some detail about the end-user of the product, process, or service	Humans (End user of a medicine)
7	**Team Members** (Names & Roll No.)	Ifra Siddiqui IM-17140 Aiman Farooqi IM-17080 Hiba Basir IM-17083 Simrah Urooj IM-17079
8	**Supervisor Name**	Dr.Syed Mehmood Hasan
9	**Supervisor Email Address**	syed.m.hasan@hotmail.co.uk
10	**Pictures (If any)**	N/A
11	**Video (If any)**	N/A