

GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA

*an autonomous college under UGC act {2(f) and 12(b)}

Affiliated to PUNJAB TECHNICAL UNIVERSITY

M.Tech (Industrial)

COURSE SCHEME

Sr. No.	Subject Code	Course Title	Type	L-T-P	Credits
1	MTIE501	Quantitative methods and operations research	Core	4-0-0	4
2	MTIE502	Operations management	Core	4-0-0	4
3	MTIE503	Methods engineering and ergonomics	Core	4-0-0	4
4	MTIE504	Supply chain management	Core	4-0-0	4
5	MTIE505	Production and inventory control	Core	4-0-0	4
6	MTIE506	Industrial psychology	Core	4-0-0	4
7	MTIE507	Lab-I*	Core	0-0-4	2
8	MTIE508	Lab-II*	Core	0-0-4	2
9	MTIE509	Pre thesis seminar*	Core	0-0-4	4
10	MTIE510	Pre thesis project*	Core	0-0-4	4
11	MTIE511	Thesis*	Core	0-0-14	14
12	MTIE601	Research methodology	Prog. Elective	3-0-0	3
13	MTIE602	Simulation of industrial systems	Prog. Elective	3-0-0	3
14	MTIE603	Materials management	Prog. Elective	3-0-0	3
15	MTIE604	Facilities planning & design	Prog. Elective	3-0-0	3
16	MTIE605	System analysis and design	Prog. Elective	3-0-0	3
17	MTIE606	Organization theory and behaviour	Prog. Elective	3-0-0	3
18	MTIE607	Maintenance and reliability engineering	Prog. Elective	3-0-0	3
19	MTIE608	Advance manufacturing processes	Prog. Elective	3-0-0	3
20	MTIE609	Industrial economics and accounting	Prog. Elective	3-0-0	3
21	MTIE610	Management information system	Prog. Elective	3-0-0	3
22	MTIE611	Industrial automation	Prog. Elective	3-0-0	3
23	MTIE612	Business policy and strategies	Prog. Elective	3-0-0	3
24	MTIE613	Value engineering	Prog. Elective	3-0-0	3
25	MTIE614	Quality assurance	Prog. Elective	3-0-0	3
26	MTIE615	Product design and development	Prog. Elective	3-0-0	3
27	MTIE616	Industrial packaging	Prog. Elective	3-0-0	3
28	MTIE617	Project appraisal and management	Prog. Elective	3-0-0	3
29	MTIE618	Enterprenuership	Prog. Elective	3-0-0	3
30	MTIE619	Safety engineering	Prog. Elective	3-0-0	3

Self