

## Study Plan for M.S in Manufacturing Engineering Technology

Total Credits : 32 (APP), 34 (Thesis)

### Year 1: Fall Semester

- Explore Thesis/APP Topics
- Meet Faculty in Department to explore research interests

<u>S.No.</u>	<u>Course Number</u>	<u>Course Name</u>	<u>Credits</u>
1.	MET 654	Design Of Experiments	3
2.	MET 600	Manufacturing Research Methods	2
3.	MBA 612	Data Analysis and Statistics for Managers	2
4.	MET 678	Manufacturing Processes	2

### Year 1: Spring Semester

- Finalize Thesis/APP Topic and Committee Chair
- Begin Thesis Experimentation/Data Collection

<u>S.No.</u>	<u>Course Number</u>	<u>Course Name</u>	<u>Credits</u>
1.	MET 625	Advanced Project Management	3
2.	MET 627	Six Sigma from an Industrial Perspective	3
3.	MBA 665	Leadership	2

### Year 2: Fall Semester

- Continue Thesis Experimentation/Data Collection

<u>S.No.</u>	<u>Course Number</u>	<u>Course Name</u>	<u>Credits</u>
1.	MET 507	Manufacturing Resource Planning and Control	3
2.	MET 699/694	Thesis/APP	1
3.	MBA 657	Managing Service and Manufacturing Operations	2
4.	MET 526	Logistics and Transportation	3

### Year 2: Spring Semester

- Finalize Thesis/APP – 6 weeks before end of semester
- Present Thesis/APP to Committee – 4 weeks before end of semester
- Submit final Thesis/APP to Graduate Office – 4 weeks before end of semester
- Apply for graduation – 4 weeks before end of semester

<u>S.No.</u>	<u>Course Number</u>	<u>Course Name</u>	<u>Credits</u>
1.	MET 699/694	Thesis/APP	1-2 Remaining
2.	MET 628	Advanced Quality Tools	3
3.	MET 528	Lean Manufacturing	3