

## Undergraduate Programme

The Department offers a 4 years long Manufacturing programme. It is an unique course consisting of 6 months of in-plant training in eighth semester of Final Year B.Tech which enables the students to work independently in the industrial environment. The course not only provides the student with a thorough background in fundamental subjects but also leaves enough room for innovation.

Programme	Duration	Intake	Commenced
B.Tech (Manufacturing Science and Engineering)	4 Years	75	2020

\* Earlier B.Tech. (Production Engineering- Sandwich) from AY 1995-1996 to 2019-2020

## Postgraduate Programme

The department offers a postgraduate M.Tech program in Manufacturing Engineering and Automation, the first master's degree program of that specialization in the country. M.Tech degrees are offered in interdisciplinary and emerging technology specializations. The program M.Tech in Mechatronics commenced in the year 2010. The PG course in Project Management is started in 2012, which emphasizes the management aspect of industries. New PG course in Robotics and Artificial Intelligence was introduced from academic year 2020-21. Our mission at the department is to foster, creating and developing capacity amongst students to compete ethically by providing platform for manufacturing inventions of world class standards. Our portfolio of faculty brings complimentary skill sets to bear on pressing national needs.

Programme	Duration	Intake	Commenced
M.Tech (Manufacturing Engg. & Automation)	2 Years	18	1994
M.Tech (Mechatronics)	2 Years	18	2010
M.Tech (Project Management)	2 Years	18	2012
M. Tech (Robotics and Artificial Intelligence)	2 Years	18	2020

Our Ph.D. programs in Production Engineering and Industrial Engineering are helping define an emerging discipline on the national and international scene. We have a research ethos borne out by the institute's interdisciplinary research activities. In the department broad ranges of research activities are supported by excellent experimental and computing facilities. The Department's research efforts are having a significant impact on our society as well as the scientific community.

## Post Graduate Diploma Program

Due to increasing trend towards flexibility in manufacturing and wide use of Information Technology to integrate various main and supportive systems of production, there is a need today to specialize in one of the important areas as Enterprise Resource Planning. To the portfolio of courses already offered: Department has embarked on one year post graduate diploma course in the field of Enterprise Resource Planning (ERP) for the students who want to learn more about the ERP architecture and customization procedures and its potential. The tri-semester course provides: Induction, Hands-off training, Hands-on training, Demonstration, Certification.

<b>Programme</b>	<b>Duration</b>	<b>Intake</b>	<b>Commenced</b>
PGD- ERP	1 Years	75	2013
PGD-Additive Manufacturing	1 Years	20	2016
PGD- Integrated Product Design & Development	1 Years	30	2020