

Open Elective Courses (Third Year)

Open Elective-I

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	OEC-FTEL-331	Materials and Metrology	3	3
2	OEC-FTEL-332	Power Plant Engineering	3	3
3	OEC-FTEL-333	Computer Applications, and CAD-CAM	3	3
4	OEC-FTEL-334	Process Instrumentation and Control Engineering	3	3
5	OEC-FTEL-335	Operation Research	3	3

Open Elective-II

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	OEC-FTEL-336	Industrial Noise and Vibrations	3	3
2	OEC-FTEL-337	Engineering Economics	3	3
3	OEC-FTEL-338	Artificial Intelligence	3	3
4	OEC-FTEL-339	Environmental Engineering and Management	3	3
5	OEC-FTEL-340	Robotics and Robot Applications	3	3

Note: A Student can not choose the same subject as Professional Elective Courses and Open Elective Courses in Sem V and Sem VI

Professional Elective Courses (Third Year)

Elective-I

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	PEC-FTEL321	Fire Safety Codes and Standards	3	3
2	PEC-FTEL322	Nuclear Safety and Radioactive Materials	3	3
3	PEC-FTEL323	Fire Risk Calculations	3	3

Elective-II

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	PEC-FTEL324	Salvage Evaluation of Fire Situation	3	3
2	PEC-FTEL325	Special Hazards and Protection	3	3

Elective-III

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	PEC-FTEL326	Building Design and Drawing	3	3
2	PEC-FTEL327	Fire Modeling	3	3
3	PEC-FTEL328	Electrical Systems and Safety in Design	3	3

Elective-IV

Sr. No.	Course Code	Course Title	Total Contact Hrs	Credit
1	PEC-FTEL329	Safety in Petroleum and Petrochemical Industries	3	3
2	PEC-FTEL330	Design of Pipe, Pressure Vessels and Machine Elements	3	3