

Gujarat Technological University

Exit Courses for Bachelor of Engineering after 1st Year (Additional 6-8 Credits)

Exit Course List of Mechanical and Allied Branches after 1st Year

AERONAUTICAL ENGINEERING(01), AUTOMOBILE ENGINEERING (02),INDUSTRIAL ENGINEERING (15), MANUFACTURING ENGINEERING (34),MECHANICAL ENGINEERING (19),MECHATRONICS (20), PRODUCTION ENGINEERING (25),ROBOTICS AND AUTOMATION (41), METALLURGY (21), MINING ENGINEERING (22)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Product Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
2	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire

Exit Course List of ELECTRONICS & COMMUNICATION ENGINEERING & Allied Branches after 1st Year

ELECTRONICS & COMMUNICATION ENGINEERING (11), ELECTRONICS & COMMUNICATION (COMMUNICATION SYSTEM ENGINEERING) (54), ELECTRONICS ENGINEERING (10)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	VLSI Course	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1006	SkillDzire
2	Product Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
3	Internet of Things (IoT)	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1005	SkillDzire
4	Embedded Systems	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1004	SkillDzire
5	Application Driven Electronics & Embedded Technology with IoT (A 10-day in-person course) conducted at IIT Madras.	Online	70	4	14000+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_IITMPR_07	IITM Pravartak
6	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire

Exit Course List of Civil Engineering & Allied Branches after 1st Year

CIVIL ENGINEERING (06), ENVIRONMENTAL ENGINEERING (13)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire

Exit Course List of Chemical Engineering & Allied Branches after 1st Year
BIOTECHNOLOGY (04),CHEMICAL ENGINEERING (05),FOOD ENGINEERING AND TECHNOLOGY (51),PLASTIC TECHNOLOGY (23),PLASTICS ENGINEERING (53),RUBBER TECHNOLOGY(26),CHEMICAL ENGINEERING (44)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Product Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
2	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire
3	Product Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
4	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire
5	Product Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
6	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire
7	Product Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
8	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire

Exit Course List of Computer Engineering & Allied Branches after 1st Year ARTIFICIAL INTELLIGENCE AND DATA SCIENCE(43), ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING(52), COMPUTER ENGINEERING(07), COMPUTER SCIENCE AND ENGINEERING(31),COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) (46),COMPUTER SCIENCE AND DESIGN(49),COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING) (42),COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS AND CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY) (45),COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) (48),INFORMATION AND COMMUNICATION TECHNOLOGY(32),INFORMATION TECHNOLOGY (16)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Internet of Things (IoT)	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SKILLD_1005	SkillDzire
2	Data Science	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SkillID_03	SkillDzire
3	Cyber Security	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SkillID_02	SkillDzire
4	Artificial Intelligence (AI)	Online	60	4	1499+GST	https://swayam-plus.swyam2.ac.in/courses/course-details?id=P_SkillID_01	SkillDzire

Exit Course List of Electrical Engineering & Allied Branches after 1st Year
ELECTRICAL ENGINEERING (09), POWER ELECTRONICS / POWER ELECTRONICS ENGINEERING (24), SMART AND SUSTAINABLE ENERGY(50)

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Product Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
2	Internet of Things (IoT)	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1005	SkillDzire
3	Industrial Automation	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1003	SkillDzire
4	Electric Vehicle	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1002	SkillDzire
5	Data Science	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SkillD_03	SkillDzire
6	Cyber Security	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SkillD_02	SkillDzire
7	Artificial Intelligence for Real-World Application	Online	90	6	20000/-	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_TCSION_05	TCSion
8	Artificial Intelligence (AI)	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SkillD_01	SkillDzire
9	Mastering Gen AI	Online	100	6	10000+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_TATANS_05	TATA NEU SKILLS

Exit Course List of Textile Engineering (29) after 1st Year

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Product Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
2	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire

**Exit Course List of Instrumentation & Control Engineering & Allied Branches after 1st Year
BIOMEDICAL ENGINEERING (03),INSTRUMENTATION AND CONTROL ENGINEERING(17),ELECTRONICS AND
INSTRUMENTATION ENGINEERING (47)**

S. No.	Title of Course	Mode of Delivery (Offline/Online)	Total Hrs of Course	Total Credits	Course Fee	Course List	Instructor/ Certificate provider
1	Product Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1008	SkillDzire
2	Full Stake Java	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SkillD_04	SkillDzire

3	Application Driven Electronics & Embedded Technology with IoT (A 10-day in-person course) conducted at IIT Madras.	Online	70	4	14000+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_IITMPR_07	IITM Pravartak
4	3D Printing and Design	Online	60	4	1499+GST	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SKILLD_1007	SkillDzire
5	Cyber Security Analyst (in collaboration with IBM)	Online	90	6	5999/-	https://swayam-plus.swayam2.ac.in/courses/course-details?id=P_SMARTBRIDGE_04	Smart Bridge