

#### Annexure 4

### MAJOR DISCIPLINES, THEIR CORRESPONDING COURSES AND RELEVANT/ APPROPRIATE BRANCH OF UNDER GRADUATE DEGREE IN ENGINEERING AND TECHNOLOGY

Major Disciplines	Corresponding Course(s)	Under Graduate Courses permissible for merging
Aeronautical Engineering	Aeronautical Engineering	Aero Space Engineering
		Aeronautical Engineering
		Aircraft Maintenance Engineering
Agriculture Engineering	Agriculture Engineering	Agricultural Engineering
		Agricultural Technology
		Agriculture Engineering
Architecture and Planning	Architecture	Architectural Assistantship
		Architectural Engineering
		Architecture and Interior Decoration
		Architecture Assistantship
		Architecture
		Architecture (Interior Design)
		Building Engineering and Construction Management
		Interior Design
	Planning	Environmental Planning
		Infrastructure Planning
		Planning
		Urban and Regional Planning
		Urban Design
		Urban Planning
		Urban Regeneration
		Urban Transport Planning and Management
Biotechnology	Biotechnology	Biotechnology
		Biotechnology and Biochemical Engineering
		Industrial Biotechnology
Ceramic Engineering	Ceramic Engineering	Cement and Ceramic Technology
		Ceramic Engineering and Technology
		Ceramic Technology
		Ceramics Engineering
Civil Engineering	Civil Engineering	Building and Construction Technology
		Civil and Rural Engineering
		Civil Engineering
		Civil Engineering and Planning
		Civil Engineering (Construction Technology)
		Civil and Infrastructure Engineering
		Civil Technology
		Construction Engineering
		Construction Engineering and Management
		Construction Technology
		Construction Technology and Management
		Geo Informatics



Computer Science and Engineering	Environment Engineering	Civil and Environmental Engineering
		Civil Engineering (Environmental Engineering)
		Civil Engineering Environment and Pollution Control
		Environment Engineering
		Environmental Engineering
		Environmental Science and Engineering
		Environmental Science and Technology
		Civil Engineering (Environmental Engineering)
		Civil Engineering (Public Health Engineering)
		Environmental Planning
	Water Resources	Civil and Water Management Engineering
	Computer Science and Engineering	3-D Animation and Graphics
		Advanced Computer Application
		Computer and Communication Engineering
		Computer Engineering
		Computer Engineering and Application
		Computer Networking
		Computer Science and Engineering
		Computer Science
		Computer Science and Technology
		Computer Science and Information Technology
		Computer Science and Systems Engineering
		Computer Technology
		Computing in Computing
		Computing in Multimedia
		Computing in Software
		Electrical and Computer Engineering
		Electronics and Computer Science
		Electronics and Computer Engineering
		Mathematics and Computing
		Software Engineering
	Information Technology	Information and Communication Technology
		Information Engineering
		Information Science and Engineering
		Information Science and Technology
		Information Technology
		Information Technology and Engineering
Chemical Engineering	Chemical Engineering	Chemical and Electro Chemical Engineering
		Biochemical Engineering
		Chemical Engineering
		Chemical Engineering (Plastic and Polymer)
		Chemical Technology
		Dye Stuff Technology
		Surface Coating Technology
	Oil and Paint Technology	Oil and Paint Technology
		Oil Technology



		Oils, Oleo Chemicals and Surfactants Technology
		Paint Technology
	Petrochemical Engineering	Petrochem and Petroleum Refinery Engineering
		Petrochemical Engineering
		Petrochemical Technology
		Petroleum Engineering
		Petroleum Technology
	Plastic and Polymer Technology	Plastic and Polymer Engineering
		Plastics Engineering
		Plastics Technology
		Polymer Engineering
		Polymer Engineering and Technology
		Polymer Science and Chemical Technology
		Polymer Science and Technology
		Polymer Technology
Dairy Engineering	Dairy Engineering	Dairy Engineering
		Diary Technology
Electrical Engineering	Electrical Engineering	Electrical and Computer Engineering
		Electrical and Electronics (Power System)
		Electrical and Electronics Engineering
		Electrical and Electronics Engineering
		Electrical and Instrumentation Engineering
		Electrical and Mechanical Engineering
		Electrical and Power Engineering
		Electrical Engineering
		Electrical Engineering (Electronics and Power)
		Electrical Engineering Industrial Control
		Electrical Instrumentation and Control Engineering
		Electrical, Electronics and Power
		Electronics and Computer Science
		Electronics and Electrical Engineering
		Electronics and Power Engineering
Energy Engineering	Energy Engineering	Energy and Environmental Management
		Energy Engineering
Electronics	Electronics Engineering	Digital Techniques for Design and Planning
		Electrical and Electronics Engineering
		Electrical and Electronics Engineering
		Electrical, Electronics and Power
		Electronic Engineering
		Electronic Science and Engineering
		Electronics
		Electronics and Computer Science
		Electronics and Computer Engineering
		Electronics and Control Systems
		Electronics and Electrical Engineering
		Electronics and Power Engineering



		Electronics Design Technology
		Electronics Engineering
		Electronics System Engineering
		Electronics Technology
		Optics and Optoelectronics
		Power Electronics
		Power Electronics Engineering
		Radio Physics and Electronics
	Electronics and Communication Engineering	Advanced Communication and Information System
		Advanced Electronics and Communication Engineering
		Applied Electronics and Communications
		Communication Engineering
		Electronics and Communication Engineering
		Electronics and Communication Engineering (Industry Integrated)
		Electronics and Telecommunication Engineering
		Electronics and Telecommunication Engineering (Technologynician Electronic Radio)
		Electronics and Communication Engineering (Microwaves)
		Electronics and Communication Engineering
		Electronics Communication and Instrumentation Engineering
		Electronics and Telematics Engineering
		Telecommunication Engineering
	Instrumentation Engineering	Applied Electronics and Instrumentation Engineering
		Automation and Robotics
		Automation Engineering
		Biomedical Instrumentation
		Electrical Engineering Industrial Control
		Electrical Instrumentation and Control Engineering
		Electronic Instrumentation and Control Engineering
		Electronics and Instrumentation Engineering
		Applied Electronics and Instrumentation Engineering
		Electronics and Instrumentation Engineering
		Electronics Instrumentation and Control Engineering
		Power Electronics and Instrumentation Engineering
		Electronics and Control Systems
		Electronics Communication and Instrumentation Engineering
		Electronics Instrumentation and Control Engineering
		Instrument Technology
		Instrumentation
		Instrumentation and Control Engineering
		Instrumentation and Electronics
		Instrumentation Engineering
		Instrumentation Technology
		Power Electronics and Instrumentation Engineering
		Robotics and Automation
	Mechatronics Engineering	Mechatronics
		Mechatronics Engineering



		Mechatronics Engineering
	Medical Electronics	Medical Electronics Engineering Medical Electronics Medical Lab Technology Electronics and Biomedical Engineering
Mechanical Engineering	Mechanical Engineering	Electrical and Mechanical Engineering Mechanical Engineering (Industry Integrated) Mechanical Engineering Mechanical Engineering (Repair and Maintenance) Power Engineering
		Industrial and Production Engineering Machine Engineering Manufacturing Engineering Manufacturing Engineering and Automation Manufacturing Engineering and Technology Manufacturing Process and Automation Engineering Manufacturing Science and Engineering Manufacturing Technology Mechanical Engineering (Production) Precision Manufacturing Production and Industrial Engineering Production Engineering Tool Engineering
	Production Engineering	Automobile Engineering Automobile Maintenance Engineering Automotive Technology Mechanical Engineering (Automobile) Mechanical Engineering Automobile
		Industrial Engineering Industrial Engineering Industrial Engineering and Management
		Mechanical and Automation Engineering Mechatronics Mechatronics Engineering
	Automobile Engineering	Industrial and Production Engineering Industrial Engineering Industrial Engineering and Management
		Mechanical and Automation Engineering Mechatronics Mechatronics Engineering
		Mechatronics Engineering
	Industrial Engineering	Fire Technology and Safety Safety and Fire Engineering
		Food Engineering and Technology Food Processing and Preservation Food Processing Technology Food Technology Food Technology and Management
		Foot Wear Technology Leather Technology
	Mechatronics Engineering	Naval Architecture and Ship Building Engineering Shipbuilding Engineering Marine Engineering
	Fire and Safety Engineering	
	Food Engineering	
	Leather Technology	
	Marine Engineering	



		Marine Technology
Metallurgy Engineering	Metallurgy Engineering	Material Science and Technology
		Metallurgical and Materials Engineering
		Metallurgical Engineering
		Metallurgy
		Metallurgy and Material Technology
Military Engineering	Military Engineering	Military Engineering
Mining Engineering	Mining Engineering	Mine Engineering
		Mining Engineering
Nano Technology	Nano Technology	Nano Science and Technology
		Nano Technology
		Nano Technology and Robotics
Nuclear Science and Technology	Nuclear Science and Technology	Nuclear Science and Technology
Packaging Technology	Packaging Technology	Packaging Technology
		Printing and Packing Technology
Pharmaceutical Engineering	Pharmaceutical Engineering	Pharmaceuticals and Fine Chemical Technology
		Pharmaceuticals Chemistry and Technology
Printing Engineering	Printing Engineering	Printing and Packing Technology
		Printing Technology
Textile Engineering	Textile Engineering	Fibres and Textiles Processing Technology
		Jute and Fibre Technology
		Man Made Fibre Technology
		Man-Made Textile Technology
		Silk Technology
		Textile Engineering
		Textile Plant Engineering
		Textile Processing
		Textile Technology
		Fashion Technology
	Fashion Technology	Apparel and Production Management
		Fashion and Apparel Technology
		Fashion and Apparel Engineering
	Textile Chemistry	Textile Chemistry

**MAJOR DISCIPLINES, THEIR CORRESPONDING COURSES AND RELEVANT/ APPROPRIATE BRANCH OF DIPLOMA IN ENGINEERING AND TECHNOLOGY**

Major Discipline	Corresponding Courses (If Any)	Diploma Courses permissible for merging
Aeronautical Engineering		Aero Space Engineering
		Aeronautical Engineering
		Aircraft Maintenance Engineering (Avionics)
		Aircraft Maintenance Engineering
Agriculture Engineering		Agricultural Engineering
		Agricultural Technology

