Annexure VI

Major Disciplines, their corresponding Courses and Relevant/Appropriate Branch of Diploma in Engineering and Technology

(See Schedule VI)

Aeronautical Engineering
1. Aero Space Engineering
2. Aeronautical Engineering
3. Aircraft Maintenance Engineering (Avionics)

Agriculture Engineering
1. Agricultural Engineering
2. Agricultural Technology

Architecture
1. Architectural Assistantship
2. Interior Decoration
3. Interior Design

Biotechnology
1. Biotechnology
2. Ophthalmic Technology

Ceramic Engineering
1. Ceramic Engineering and Technology
2. Ceramic Technology
3. Ceramics Engineering
4. Glass and Ceramics Engineering

Chemical Engineering
1. Chemical Engineering
1.1. Chemical Engineering (Fertilizer)
1.2. Chemical Engineering (Oil Technology)
1.3. Chemical Engineering (Petro Chemical)
1.4. Chemical Engineering (Plastic and Polymer)
1.5. Chemical Engineering (Sugar Technology)
1.6. Chemical Engineering
1.7. Chemical Technology
1.8. Chemical Technology (Paint Technology)
1.9. Chemical Technology (Rubber and PlasticTechnology)
1.10. Chemical Technology Fertilizer
1.11. Chemical Technology (Rubber/ Plastic)
1.12. Surface Coating Technology
1.13. Technical Chemistry
1.14. Rubber Technology
2. Oil and Paint Technology

2.1. Paint Technology
2.2. Chemical Engineering (Oil Technology)
2.3. Chemical Technology (Paint Technology)
3. Petrochemical Engineering
3.1. Petrochemical Refinery
3.2. Petrochemical Technology
3.3. Petroleum Engineering
3.4. Petroleum Technology
3.5. Chemical Engineering (Petro Chemical)
3.6. Plastic and Mould Technology
3.7. Petrochemical Engineering
4. Plastic and Polymer Technology
4.1. Plastic and Polymer Engineering
4.2. Plastic Engineering
4.3. Plastic Mould Technology
4.4. Plastic Technology
4.5. Plastics Processing and Testing
4.6. Polymer Engineering and Technology
4.7. Polymer Technology
4.8. Plastic Process and Testing
4.9. Chemical Engineering (Plastic and Polymer)

Civil Engineering
1. Civil Engineering
1.1. Civil and Rural Engineering
1.2. Civil (SFS Mode)
1.3. Civil Draftsman
1.4. Civil Engineering
1.5. Civil Engineering and Planning
1.6. Civil Engineering (Building Services Engineering)
1.7. Civil Engineering (Construction Technology)
1.8. Civil Engineering (Construction)
1.9. Civil Engineering (Rural Engineering)
1.10. Civil Technology
1.11. Construction Engineering
1.12. Construction Technology
1.13. Construction Technology and Management

1.14. Geoinformatics and Surveying Technology

1.15. Geographic Information System and Global Positioning System

1.16. Quantity Surveying and Construction Management

1.17. Survey Engineering

1.18. Transportation Engineering

2. Environment Engineering

2.1. Civil and Environmental Engineering

2.2. Civil Engineering (Public Health and Environment)

2.3. Civil Engineering (Environment and Pollution Control)

2.4. Civil Engineering (Environmental Engineering)

2.5. Civil Engineering (Public Health Engineering)

2.6. Civil Environmental Engineering

2.7. Environmental Engineering

3. Water Resources Engineering

3.1. Water Resource Management

3.2. Civil Engineering (Water Resource and Management)

3.3. Water Technology and Health Science

Computer Science and Engineering

1. Computer Science Engineering

1.1. Advanced Computer Application

1.2. Campus Wide Network Design and Maintenance

1.3. Computer Hardware and Networking

1.4. Computer Applications

1.5. Computer Engineering

1.6. Computer Engineering and Application

1.7. Computer Hardware and Maintenance

1.8. Computer Hardware and Networking

1.9. Computer Networking

1.10. Computer Science and Engineering

1.11. Computer Science

1.12. Computer Science and Technology

1.13. Computer Science and Systems Engineering

1.14. Computer Software Technology

1.15. Computer Technology

1.16. Computer Technology and Applications

1.17. Cyber Forensics and Information Security

1.18. Network Engineering

1.19. Web Designing

1.20. Web Technologies

1.21. Electronics and Computer Engineering

2. Information Technology

2.1. Computer Science and Information Technology

2.2. Information and Communication Technology

2.3. Information Engineering

2.4. Information Science

2.5. Information Science and Engineering

2.6. Information Science and Technology

2.7. Information Security Management

2.8. Information Technology

2.9. Information Technology and Engineering

2.10. Information Technology Enabled Services and Management

2.11. Advanced Communication and Information System

2.12. I.T. (Courseware Engineering)

2.13. Computer and Information Science

2.14. Artificial Intelligence (AI)

2.15. Artificial Intelligence (AI) and Machine Learning

2.16. Cloud Computing and Big Data

2.17. Computer Engineering and IOT

2.18. Data Sciences

Dairy Engineering

1. Dairy Engineering

Electrical Engineering

1. Electrical and Electronics (Power System)

2. Electrical and Electronics Engineering

3. Electrical and Instrumentation Engineering

4. Electrical and Mechanical Engineering

5. Electrical and Power Engineering

6. Electrical Energy Systems

7. Electrical Engineering (Instrumentation and Control)

8. Electrical Engineering

9. Electrical Engineering (Electronics and Power)

10. Electrical Engineering (Industrial Control)

11. Electrical Machines

12. Electrical Power Systems

13. Power Systems Engineering

14. Electronics and Electrical Engineering

Electronics Engineering	Information System
1. Electronics Engineering	2.30. Advanced Electronics and Communication Engineering
1.1. Applied Electronics	2.31. Electronics and Telecommunication Engineering
1.2. Digital Electronics	
1.3. Digital Electronics and Microprocessor	2.32. Electronics and Telecommunication Engineering (Technology electronic Radio)
1.4. Digital Systems	
1.5. Electrical and Electronics (Power System)	2.33. Digital Communications
	2.34. Electronics and Communication Engineering (Microwaves)
2. Electronics and Communication Engineering	
2.1. Electrical and Electronics Engineering	2.35. Electronics and Telecommunication Engineering (Radio and System)
2.2. Electrical Engineering (Electronics and Power)	2.36. Electronics Communication and Instrumentation Engineering
2.3. Electronic Engineering	2.37. Telecommunication Engineering
2.4. Electronic Science and Engineering	2.38. Telecommunication Technology
2.5. Electronics	2.39. TV and Sound Engineering
2.6. Electronics and Avionics	2.40. Information and Communication Technology
2.7. Electronics and Production	
2.8. Electronics and Video Engineering	3. Instrumentation Engineering
2.9. Electronics and Computer Engineering	3.1. Applied Electronics and Instrumentation Engineering
2.10. Electronics and Electrical Engineering	
	3.2. Automation and Robotics
2.11. Electronics Engineering	3.3. Automation Engineering
2.12. Electronics Engineering (Industry Integrated)	3.4. Control and Instrumentation
	3.5. Biomedical Instrumentation
2.13. Electronics Engineering (Micro Electronics)	3.6. Electrical and Instrumentation Engineering
2.14. Electronics Engineering (Modern Consumer Electronics)	3.7. Electrical Engineering (Instrumentation and Control)
2.15. Electronics Engineering (Specialization in Consumer Electronics)	3.8. Electronic Instrumentation and Control Engineering
2.16. Electronics Engineering With Microprocessor	3.9. Electronics and Instrumentation Engineering
2.17. Electronics Production and Maintenance	3.10. Electronics (Robotics)
	3.11. Electronics Communication and Instrumentation Engineering
2.18. Electronics Technology	
2.19. Embedded Systems	3.12. Electronics Robotics
2.20. Industrial Electronics	3.13. Industrial Electronics
2.21. Micro Electronics	3.14. Instrument Technology
2.22. Power Electronics	3.15. Instrumentation
2.23. Digital Electronics and Communication Engineering	3.16. Instrumentation and Control Engineering Instrumentation
2.24. Electronics (Fiber Optics)	3.17. Electronics & Communication Engineering
2.25. Opto-Electronics Engineering	
2.26. Electronics and Communication Engineering	3.18. Instrumentation Engineering
	3.19. Instrumentation Technology
2.27. Electronics and Communication Engineering (Industry Integrated)	4. Medical Electronics Engineering
	4.1. Bio Electronics
2.28. Electronics and Communication Technology	4.2. Biomedical Engineering
2.29. Advanced Communication and	4.3. Medical Electronics Engineering

4.4. Medical Electronics	(Refrigeration and Air Conditioning)
4.5. Biomedical Instrumentation	1.13. Mechanical Engineering Power Plant Engineering
4.6. Medical Laboratory Technology	1.14. Mechanical Engineering Tube Well Engineering
Fire and Safety Engineering	1.15. Mechanical Engineering (Repair and Maintenance)
1. Fire Technology and Safety	1.16. Navy Entry Artificer/Diploma in Mechanical and Electrical
Food Engineering	1.17. Refrigeration and Air Conditioning
1. Food Processing and Preservation	2. Production Engineering
2. Food Processing Technology	2.1. CAD CAM
3. Food Technology	2.2. Design and Drafting
Leather Technology	2.3. Fabrication Technology
1. Footwear Technology	2.4. Fabrication Technology and Erection Engineering
2. Leather and Fashion Technology	2.5. Foundry Technology
3. Leather Goods and Footwear Tech	2.6. Industrial and Production Engineering
4. Leather Technology	2.7. Industrial Engineering and Management
5. Leather Technology (Footwear)	2.8. Machine Engineering
6. Footwear Technology	2.9. Machine Tools and Maintenance Engineering
7. Leather and Fashion Technology	2.10. Machine Tools Technology
8. Leather Goods and Footwear Tech	2.11. Manufacturing Engineering
9. Leather Technology	2.12. Manufacturing Technology
10. Leather Technology (Footwear)	2.13. Material Management
11. Leather Technology Footwear Computer Aided Shoe Design	2.14. Mechanical (Computer Aided Design, Manufacture and Engineering)
12. Leather Technology Tanning	2.15. Mechanical CAD/CAM
13. Saddlery Technology and Export Management	2.16. Mechanical Engineering (Automobile)
Marine Engineering	2.17. Mechanical Engineering (Tool and Die) Mechanical Engineering Automobile
1. Marine Engineering and Systems	2.18. Mechanical Engineering Production
2. Marine Engineering	2.19. Mechanical Engineering Specialization in CAD
3. Marine Engineering and Systems (Artificer Training)	2.20. Mechanical Engineering Tool Engineering
4. Marine Engineering and Systems	2.21. Mechanical Engineering (CAD/CAM)
Mechanical Engineering	2.22. Mechanical Engineering (Foundry)(SW)
1. Automobile Engineering	2.23. Mechanical Engineering (Machine Tool Maintenance and Repairs)
1.1. Automobile Engineering	2.24. Mechanical Welding and Sheet Metal Engineering
1.2. Automobile Engineering (Automobile Fitter)	2.25. Precision Manufacturing
1.3. Automotive Engineering	2.26. Production and Industrial Engineering
1.4. Mechanical Engineering (Automobile)	2.27. Production Engineering
1.5. Mechanical Engineering Automobile	2.28. Production Technology
1.6. Energy Systems Engineering	2.29. Tool and Die Making
1.7. Heat Power Engineering	
1.8. Maintenance Engineering	
1.9. Mechanical Engineering (Industry Integrated)	
1.10. Mechanical Engineering	
1.11. Mechanical Engineering (Maintenance)	
1.12. Mechanical Engineering	

2.30. Tool and Die Engineering	8. Textile Designing Printing
2.31. Tool and Die Under Mechanical Engineering	9. Textile Manufactures
2.32. Tool Die and Mould Making	10. Textile Manufacturing and Technology
3. Mechatronics	11. Textile Marketing and Management
3.1. Mechatronics	12. Textile Processing Technology
3.2. Robotics and Mechatronics	13. Textile Technology (Textile Design and Weaving)
Metallurgy Engineering	14. Textile Technology (Manmade Fibre)
1. Metallurgical Engineering	Fashion Technology
2. Metallurgy	1. Apparel Design and Fabric
3. Metallurgy and Material Technology	2. Apparel Design and Fabrication Technology
Military Engineering	3. Apparel Design and Fashion Technology
1. Artificer Training (Electronics)	4. Apparel Manufacture and Design Apparel Technology
2. Artificer Training (Electrical)	5. Computer Aided Costume Design and Dress Making Costumer Design and Dress Making
3. Artificer Training (Mechanical)	
4. Armament Engineering (GunFitter)	
5. Weapons Engineering	6. Dress Designing and Garment Manufacturing
6. Navy Entry Artificer/Diploma in Mechanical and Electrical	7. Fashion and Clothing Technology
Mining Engineering	8. Fashion and Design
1. Mine Engineering	9. Fashion and Apparel Design
2. Mine Surveying	10. Fashion Designing
3. Mining and Mine Surveying	11. Fashion Designing and Garment Technology
4. Shipbuilding Engineering	
5. Drilling Engineering	12. Fashion Technology
6. Drilling Technology	13. Garment Technology
7. Mining Engineering	14. Garment and Fashion Technology
Packaging Technology	15. Garment Design and Fashion Technology
1. Packaging Technology	
2. Printing and Packing Technology	16. Garment Fabrication
Pharmaceutical Engineering	17. Garment Manufacturing Technology
1. Pharmaceutical Chemistry and Technology	18. Knitting and Garment Technology
Printing Engineering	19. Knitting Technology
1. Printing and Packing Technology	20. CDDM (Costume Design and Dress Making)
2. Printing Technology	
Pulp Technology	21. Apparel Manufacture & Design
1. Pulp Technology	Textile Chemistry
2. Wood and Paper Technology	1. Textile Chemistry
Textile Engineering	Biomedical Engineering
1. Textile Engineering	1. Biomedical Engineering
2. Textile Technology (Man Made Fibre Technology)	2. ECG Technology
3. Handloom and Textile Technology	3. Health Care Technology
4. Textile Processing	4. Instruments and Medical Equipment
5. Textile Technology	5. Medical Laboratory Technology
6. Textile Design	6. Ophthalmic Technology
7. Textile Designing	7. Technician X-Ray Technology
	Multimedia Technology

1. 3-D Animation and Graphics	(Cinematography)
2. Animation and Multimedia Technology	8. Film Technology and TV Production (Film Processing)
3. Multimedia Technology	9. Film Technology and TV Production (Sound Recording and Sound Engineering)
Office Management/ Commercial Practice	10. Film Technology (Animation and Visual Effects)
1. Accounts and Audit	11. Photography
2. Administration Services	12. Sound Recording Engineering
3. Computer Application and Business Management	**Hotel Management**
4. Finance Account and Auditing	1. Hotel Management and Catering Technology
5. Modern Office Management	**Journalism and Mass Communication**
6. Modern Office Management and Secretarial Practice	1. Mass Communication
7. Modern Office Practice	**Cement Technology**
8. Commercial and Computer Practice	1. Cement Technology
9. Commercial Practice	**Engineering Education**
10. Commercial Practice (KAN and ENG)	1. Engineering Education
Rubber	**Fisheries Technology**
1. Rubber Technology	1. Fisheries Technology
2. Chemical Technology (Rubber and Plastic Technology)	**Home Science**
3. Chemical Technology (Rubber/Plastic)	1. Home Science
Cosmetology	**Jewellery Design and Manufacture Technology**
1. Beauty and Hair Dressing	1. Jewellery Design and Manufacture Technology
2. Beauty Culture and Cosmetology	**Library and Information Science**
3. Cosmetology and Health	1. Library and Information Science
Cinematography	**Sugar Technology**
1. Applied Videography	1. Sugar Technology
2. Audiography and Sound Engineering	**Travel and Tourism**
3. Cinematography	1. Travel and Tourism
4. Direction Screen Play Writing and TV Production	**Wood Technology**
5. Film and Video Editing	1. Wood Technology
6. Film Editing and TV Production	
7. Film Technology and TV Production	