

DEPARTMENT OF TECHNICAL EDUCATION :  
CHENNAI 600 025

ADMISSION TO PG (MBA / MCA / M.E.  
/ M.TECH. / M.ARCH. / M.PLAN)  
DEGREE COURSES

2014-2015

ELIGIBLE QUALIFICATION(S) FOR PG  
DEGREE COURSES PRESCRIBED BY  
TANCET 2014 CO-ORDINATION COMMITTEE

**Eligibility Qualifications for admission to various M.E./M.Tech./M.Arch./M.Plan. degree programmes**

Sl. No.	P.G. Programmes	Eligible Qualifications
<b>I. FACULTY OF CIVIL ENGINEERING</b>		
1.	M.E. Construction Engineering	<b>B.E. / B.Tech.</b> (Civil Engg.)
2.	M.E. Construction Management	<b>B.E. / B.Tech.</b> (Civil Engg.)
3.	M.E. Construction Engineering and Management	<b>B.E. / B.Tech.</b> (Civil Engg.)
4.	M.Tech. Coastal Management	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Civil Engg.</li> <li>2. Marine Engg.</li> <li>3. Geo-informatics</li> <li>4. Agricultural Engg.</li> <li>5. Agricultural and Irrigation Engg.</li> <li>6. B.Tech. (Energy and Environmental Engg.) of Tamilnadu Agricultural University, Coimbatore.</li> </ol> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>7. Geology</li> <li>8. Applied Geology</li> <li>9. Marine Biology</li> <li>10. Oceanography</li> <li>11. Environmental Sciences</li> <li>12. Oceanography and Coastal area studies</li> </ol>
5.	M.E. Computer Methods and Applications in Structural Engineering	<b>B.E. / B.Tech.</b> (Civil Engg.)
6.	M.E. Environmental Engineering	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Civil Engg.</li> <li>2. Environmental Engg.</li> <li>3. Chemical Engineering</li> <li>4. Geoinformatics</li> <li>5. B.Tech. (Energy and Environmental Engg.) of Tamilnadu Agricultural University, Coimbatore.</li> </ol> <p align="center"><b>(or)</b></p> <p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>6. Mechanical Engg.</li> <li>7. Electrical Engg. (with 3 years of relevant experience)</li> </ol>

Sl. No.	P.G. Programmes	Eligible Qualifications
7.	M.E. Environmental Management	<b>B.E./ B.Tech.</b> 1. Civil Engg. 2. Chemical Engg. 3. Geoinformatics 4. Environmental Engg. 5. B.E. / B.Tech. (other branches) with 3 years experience in the field of Environmental Management. 6. B.Tech.(Energy and Environmental Engg.) of Tamilnadu Agricultural University, Coimbatore.
8.	M.E. Environmental Engineering and Management	<b>B.E. / B.Tech.</b> 1. Civil Engg. 2. Bio-Technology 3. Industrial Bio-Technology 4. Chemical and Electrochemical Engg. (with 1 year experience in the field of Environmental Engineering) 5. Chemical Engg. (with 1 year experience in the field of Environmental Engineering) 6. Mechanical Engg.* 7. Electrical and Electronics Engg.* 8. Geoinformatics* *with 3 years experience in the field of Environmental Engineering
9.	M.E. Geomatics	<b>B.E. / B.Tech.</b> 1. Civil Engg. 2. Geoinformatics 3. Geomatics 4. Agricultural and Irrigation Engg.
10.	M.Tech. Geo-technical Engineering	<b>B.E. / B.Tech.</b> (Civil Engg.)
11.	M.E. Hydrology and Water Resources Engineering	<b>B.E. / B.Tech.</b> 1. Civil Engg. 2. Agricultural Engg. 3. Agricultural and Irrigation Engg.
12.	M.E. Irrigation Water Management	<b>B.E. / B.Tech.</b> 1. Civil Engg. 2. Agricultural Engg. 3. Agricultural and Irrigation Engg.
13.	M.E. Integrated Water Resources Management	<b>B.E./ B.Tech.</b> 1. Civil Engg. 2. Geo Informatics 3. Agricultural Engg. 4. Agricultural and Irrigation Engg. 5. B.Tech.(Energy and Environmental Engineering) of Tamilnadu Agricultural University, Coimbatore.

Sl. No.	P.G. Programmes	Eligible Qualifications
14.	M.E. Infrastructure Engineering	<b>B.E. / B.Tech.</b> (Civil Engg.)
15.	M.E. Infrastructure Engg. and Management	<b>B.E. / B.Tech.</b> (Civil Engg.)
16.	M.Tech. Remote Sensing	<p><b>B.E. / B.Tech.</b>  1. Civil Engg.  2. Mining Engg.  3. Agricultural Engg.  4. Agricultural and Irrigation Engg.</p> <p><b>B.Sc. (4 years)*</b>  5. Agriculture  6. Forestry  7. Horticulture  8. Fishery</p> <p><b>M.Sc.*</b>  9. Geography  10. Geology / Applied Geology  11. Physics</p> <p><b>* The candidate must have studied at least two courses of Mathematics at the level of UG / PG in the case of B.Sc. (4 years) and M.Sc.</b></p>
17.	M.E. Structural Engineering	<b>B.E. / B.Tech.</b> (Civil Engg.)
18.	M.E. Structural Engineering and Construction	<b>B.E. / B.Tech.</b> (Civil Engg.)
19.	M.E. Soil Mechanics and Foundation Engineering	<p><b>B.E. / B.Tech.</b>  1. Civil Engg.  2. Civil and Structural Engg.</p>
20.	M.E. Transportation Engineering	<p><b>B.E. / B.Tech.</b>  1. Civil Engg.  2. Geoinformatics</p>

## II. FACULTY OF MECHANICAL ENGINEERING

Sl. No.	P.G. Programmes	Eligible Qualifications
1.	M.E. Aeronautical Engineering	<b>B.E. / B.Tech.</b> 1. Aeronautical Engg. 2. Mechanical Engg. 3. Aerospace Tech. 4. Civil Engg. 5. Mechatronics
2.	M.E. Aerospace Technology	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Aeronautical Engg. 3. Mechatronics 4. Aerospace Tech. 5. Electronics and Communication Engg. 6. Electrical and Electronics Engg. 7. Electronics and Instrumentation Engg.
3.	M.Tech. Aviation Technology	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Aeronautical Engg. 3. Production Tech./ Engg. 4. Aerospace Tech. 5. Electronics and Communication Engg. 6. Mechatronics 7. Industrial Engg. 8. Manufacturing Engg./Tech.
4.	M.E. Automobile Engineering	<b>B.E. / B.Tech.</b> 1. Automobile Engg. 2. Mechanical Engg. 3. Production Engg./Tech. 4. Manufacturing Engg./Tech. 5. Mechatronics
5.	M.E. Automotive Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Electronics and Communication Engg. 5. Manufacturing Engg./Tech. 6. Mechatronics 7. Electrical and Electronics Engg.
6.	M.E. Advanced Manufacturing Technology	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Manufacturing Engg./Tech. 5. Mining Engg. 6. Industrial Engg. 7. Metallurgy 8. Material Science and Engg.
7.	M.E. Cryogenic Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Aeronautical Engg. 3. Production Engg./Tech. 4. Marine Engg. 5. Automobile Engg. 6. Mechanical and Automation Engg.
8.	M.E. Computer Integrated Manufacturing	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Production Engg./Tech. 4. Manufacturing Engg./Tech. 5. Computer Integrated Manufacturing 6. Metallurgy 7. Industrial Engg. 8. Mechatronics 9. Material Science and Engg.

Sl. No.	P.G. Programmes	Eligible Qualifications
9.	M.E. Computer Aided Design	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Manufacturing Engg./Tech. 4. Production Engg./Tech. 5. Aerospace Tech. 6. Industrial Engg. 7. Marine Engg. 8. Mechatronics 9. Aeronautical Engg.
10.	M.E. CAD/CAM	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Manufacturing Engg./Tech. 4. Production Engg./Tech. 5. Aerospace Tech. 6. Industrial Engg. 7. Mechatronics 8. Marine Engg. 9. Aeronautical Engg.
11.	M.E. Engineering Design	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Production Engg./Tech. 4. Manufacturing Engg./Tech. 5. Industrial Engg. 6. Mechatronics 7. Marine Engg.
12.	M.E. Energy Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Energy Engg. 3. Energy and Environmental Engg. 4. Mechanical and Energy Engg. 5. Chemical Engg.
13.	M.E. Heat Power Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Production Engg./Tech.
14.	M.E. Industrial Automation and Robotics	<b>B.E. / B.Tech.</b> 1. Automobile Engg. 2. Mechanical Engg. 3. Manufacturing Engg./Tech. 4. Mechatronics 5. Production Engg./Tech. 6. Aeronautical Engg. 7. Metallurgical 8. Material Science and Engg.
15.	M.E. Industrial Engineering	<b>B.E./B.Tech.</b> 1. Industrial Engg. 2. Mechanical Engg. 3. Manufacturing Engg./Tech. 4. Production Engg./Tech. 5. Mining Engg. 6. Printing Tech. 7. Aeronautical Engg. 8. Automobile Engg. 9. Metallurgical Engg. 10. Mechatronics 11. Material Science and Engg.
16.	M.E. Industrial Safety Engineering	<b>B.E. / B.Tech. (All Branches)</b>
17.	M.E. Industrial Metallurgy	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Manufacturing Engg./Tech. 5. Metallurgy 6. Material Science and Engg.
18.	M.E. Internal Combustion Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Mechatronics 4. Marine Engg.

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19.	M.E. Lean Manufacturing	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Aerospace Tech. 5. Industrial Engg. 6. Manufacturing Engg./Tech. 7. Aeronautical Engg.
20.	M.E Mechatronics	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Production Engg./Tech. 4. Electronics Engg. 5. Aerospace Tech. 6. Computer Science and Engg. 7. Electrical and Electronics Engg. 8. Instrumentation and Control Engg. 9. Electronics and Instrumentation Engg. 10. Electronics and Communication Engg. 11. Mechatronics 12. Manufacturing Engg./Tech. 13. Instrumentation Engg. 14. Aeronautical Engg.
21.	M.E. Manufacturing Engineering	<b>B.E. / B.Tech.</b> 1. Production Engg./Tech. 2. Automobile Engg. 3. Mechanical Engg. 4. Industrial Engg. 5. Metallurgy 6. Manufacturing Engg./Tech. 7. Mechatronics 8. Material Science and Engg.
22.	M.E. Manufacturing Engineering (with specialisation in Green Manufacturing)	<b>B.E. / B.Tech.</b> 1. Aeronautical Engg. 2. Automobile Engg. 3. Civil Engg. 4. Mechanical Engg. 5. Industrial Engg. 6. Electrical and Electronics Engg. 7. Chemical Engg. 8. Rubber and Plastic Tech. 9. Production Engg./Tech. 10. Manufacturing Engg./Tech. 11. Computer Science and Engg. 12. Information Technology 13. Electronics and Instrumentation Engg. 14. Electronics and Communication Engg.
23.	M.E. Manufacturing Systems Management	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Manufacturing Engg./Tech. 3. Industrial Engg. 4. Printing Tech. 5. Automobile Engg. 6. Production Engg./Tech 7. Mechatronics 8. Metallurgy 9. Mining Engg. 10. Material Science and Engg.
24.	M.E. Product Design and Development	<b>B.E. /B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Manufacturing Engg./Tech. 4. Production Engg./Tech. 5. Industrial Engg. 6. Mechatronics
25.	M.E. Product Design and Commerce	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Manufacturing Engg./Tech. 5. Industrial Engg. 6. Mechatronics
26.	M.E. Printing and Packaging Technology	<b>B.E. / B.Tech.</b> 1. Printing Tech. 2. Mechanical Engg. 3. Manufacturing Engg./Tech. 4. Production Engg. / Tech. 5. Chemical Engg. / Tech. 6. Chemical and Electrochemical Engg. 7. Polymer Engg. / Tech. 8. Plastic Tech. 9. Rubber and Plastic Tech. 10. Polymer Science and Engg. 11. Packaging Tech.

Sl. No.	P.G. Programmes	Eligible Qualifications
27.	M.Tech. Quality Engineering	<b>B.E. / B.Tech.</b> (All Branches)
28.	M.E. Quality Engineering and Management	<b>B.E. / B.Tech.</b> (All branches) with minimum 2 years experience.
29.	M.E. Thermal Engineering (with Specialisation in Refrigeration and Air – Conditioning )	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Automobile Engg. 3. Marine Engg.
30.	M.Tech. Renewable Energy	<b>B.E. / B.Tech.</b> 1. Bio-Technology 2. Chemical Engg. 3. Industrial Bio-Technology 4. Electrochemical Engg. 5. Mechanical Engg. 6. Chemical & Electrochemical Engg. 7. Automobile Engg. 8. Manufacturing Engg./Tech. 9. Production Engg./Tech. 10. Industrial Engg.
31.	M.E. Robotics	<b>B.E. / B.Tech.</b> 1. Automobile Engg. 2. Mechanical Engg. 3. Manufacturing Engg./Tech. 4. Mechatronics 5. Production Engg./Tech. 6. Aeronautical Engg. 7. Metallurgical Engg. 8. Material Science and Engg.
32.	M.E. Solar Energy	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Energy Engg. 3. Energy and Environmental Engg. 4. Mechanical and Energy Engg. 5. Electrical and Electronics Engg.
33.	M.E. Thermal Engineering	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Aeronautical Engg. 5. Aerospace Tech. 6. Mechatronics 7. Marine Engg. 8. Industrial Engg. 9. Manufacturing Engg./Tech.
34.	M.E. Virtual Prototyping and Digital Manufacturing	<b>B.E. / B.Tech.</b> 1. Civil Engg. 2. Mechanical Engg. 3. Production Engg./Tech. 4. Automobile Engg. 5. Manufacturing Engg./Tech. 6. Industrial Engg. 7. Mechatronics 8. Computer Science and Engg. 9. Robotics & Automation
35.	M.E. Welding Technology	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Production Engg./Tech. 3. Automobile Engg. 4. Metallurgy 5. Aeronautical Engg. 6. Aerospace Tech. 7. Mechatronics 8. Marine Engg. 9. Industrial Engg. 10. Manufacturing Engg./Tech. 11. Material Science and Engg.



<b>III. FACULTY OF ELECTRICAL ENGINEERING</b>		
<b>Sl. No.</b>	<b>P.G. Programmes</b>	<b>Eligible Qualifications</b>
1.	M.E. Control Systems	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics and Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Instrumentation Engg. 6. Electronics Engg.
2.	M.E. Control and Instrumentation Engineering	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics and Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Electronics Engg. 6. Instrumentation Engg.
3.	M.E. Electrical Machines	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Instrumentation Engg. 3. Instrumentation and Control Engg.
4.	M.E. Embedded System Technologies	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Computer Science and Engg. 4. Instrumentation and Control Engg. 5. Electronics and Instrumentation Engg. 6. Information Technology 7. Electronics Engg. 8. Instrumentation Engg. 9. Software Engineering
5.	M.E. Embedded and Real Time System	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics & Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Computer Science and Engg. 6. Information Technology 7. Electronics Engg. 8. Instrumentation Engg. 9. Software Engineering

Sl. No.	P.G. Programmes	Eligible Qualifications
6.	M.E. Electrical Drives and Embedded Controls	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics Engg. 4. Instrumentation Engg. 5. Electronics and Instrumentation Engg. 6. Instrumentation and Control Engg.
7.	M.E. High Voltage Engineering	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Instrumentation and Control Engg. 3. Electronics and Instrumentation Engg.
8.	M.E. Instrumentation Engineering	<b>B.E. / B.Tech.</b> 1. Electronics Engg. 2. Instrumentation Engg. 3. Electronics and Communication Engg. 4. Electrical and Electronics Engg. 5. Electronics and Instrumentation Engg. 6. Instrumentation and Control Engg.
9.	M.E. Power Systems Engineering	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Instrumentation Engg. 3. Instrumentation and Control Engg.
10.	M.E. Power Systems and Drives	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics and Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Electronics Engg. 6. Instrumentation Engg.
11.	M.E. Power Electronics and Drives	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics and Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Electronics Engg. 6. Instrumentation Engg.
12.	M.E. Power Engineering and Management	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engineering

<b>IV. FACULTY OF INFORMATION &amp; COMMUNICATION ENGINEERING</b>		
<b>Sl. No.</b>	<b>P.G. Programmes</b>	<b>Eligible Qualifications</b>
1.	M.E. Applied Electronics	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics Engg. 4. Electronics and Instrumentation Engg. 5. Instrumentation and Control Engg. 6. Instrumentation Engg. 7. Biomedical Engg. 8. Biomedical Instrumentation Engg. 9. Medical Electronics
2.	M.E. Avionics	<b>B.E. / B.Tech.</b> 1. Aeronautical Engg. 2. Aerospace Engg./Tech. 3. Electronics Engg. 4. Instrumentation Engg. 5. Electrical and Electronics Engg. 6. Electronics and Communication Engg. 7. Electronics and Instrumentation Engg. 8. Instrumentation and Control Engg. 9. Computer Science and Engg. 10. Information Technology  <b>M.Sc.</b> (Only for Sponsored candidates with minimum of two years experience in an approved organisation) 11. Physics 12. Electronics 13. Computer Science
3.	M.E Biomedical Engineering	<b>B.E. / B.Tech.</b> (All branches in Information & Communication Engg.) 1. Biomedical Engg. 2. Computer Science and Engg. 3. Information Technology 4. Electronics and Communication Engg. 5. Medical Electronics  <b>M.Sc.</b> (Medical Physics)
4.	M.E. Biometrics and Cyber Security	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Electronics and Instrumentation Engg. 4. Instrumentation and Control Engg. 5. Computer Science and Engg. 6. Electronics Engg. 7. Instrumentation Engg. 8. Information Technology 9. Software Engineering
5.	M.E. Communication Engineering	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg. 3. Electrical and Electronics Engg.

Sl. No.	P.G. Programmes	Eligible Qualifications
6.	M.E. Communication Systems	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg.
7.	M.E Communication and Networking	<b>B.E/ B.Tech.</b> 1. Electronics Engg. 2. Electronics and Communication Engg. 3. Computer Science and Engg. 4. Information Technology 5. Software Engineering
8.	M.E. Computer Science and Engineering	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Information Technology 3. Computer Science and Engg. 4. Software Engineering <b>M.Sc. (5 years integrated)</b> 5. Information Technology 6. Computer Science 7. Software Engineering <b>B.Sc. (3 years) in Information Technology / Computer Science and M.Sc. (2 years) in Information Technology / Computer Science</b> <b>M.C.A (10+2+3+3) years Pattern</b> <b>M.C.A Lateral Entry (2 Years) after 10+2+3 Years degree in B.C.A or B.Sc. (Information Technology / Computer Science)</b>
9.	M.E. Computer Science and Engineering (with Specialisation in Networks)	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Computer Science and Engg. 3. Information Technology 4. Electronics Engg. 5. Software Engineering
10.	M.E. Digital Signal processing	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg. 3. Computer Science and Engg. 4. Information Technology 5. Software Engineering
11.	M.E. Electronics and Communication Engineering	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg.

Sl. No.	P.G. Programmes	Eligible Qualifications
12.	M.Tech. Information Technology	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Information Technology 4. Computer Science and Engg. 5. Electronics Engg. 6. Computer Hardware and Software 7. Software Engineering
13.	M.Tech. Laser & Electro Optical Engineering	<b>B.E./ B.Tech.</b> 1. Electronics and Communication Engg. 2. Electrical and Electronics Engg. 3. Electronics Engg. 4. Electronics and Instrumentation Engg. 5. Instrumentation and Control Engg. 6. Instrumentation Engg. <b>M.Sc.</b> 7. Electronics 8. Physics 9. Material Science
14.	M.E. Medical Electronics	<b>B.E/ B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg. 3. Instrumentation and Control Engg. 4. Electronics and Instrumentation Engg. 5. Instrumentation Engg. 6. Biomedical Engg. 7. Biomedical Instrumentation Engg. 8. Medical Electronics 9. Electrical and Electronics Engg.
15.	M.E. Multimedia Technology	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Information Technology 3. Computer Science and Engg. 4. Software Engineering
16.	M.E. Mobile and Pervasive Computing	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics Engg. 3. Information Technology 4. Computer Science and Engg. 5. Instrumentation Engg. 6. Software Engineering 7. Electronics and Communication Engg. 8. Instrumentation and Control Engg. 9. Electronics and Instrumentation Engg. <b>M.Sc. (5 years integrated)</b> 10. Computer Science 11. Information Technology 12. Software Engineering <b>B.Sc. (3 years) in Information Technology / Computer Science and</b> <b>M.Sc. (2 years) in Information Technology / Computer Science</b> 13. Computer Science 14. Information Technology <b>M.C.A (10+2+3+3) years Pattern</b>

Sl. No.	P.G. Programmes	Eligible Qualifications
17.	M.E. Optical Communication	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electronics Engg.
18.	M.E. Software Engineering	<b>B.E. / B.Tech.</b> 1. Computer Science and Engg. 2. Information Technology 3. Software Engineering 4. Electronics and Communication Engg. <b>M.Sc. (5 years integrated)</b> 5. Information Technology 6. Computer Science 7. Software Engineering <b>B.Sc. (3 years) in Information Technology / Computer Science and M.Sc. (2 years) in Information Technology / Computer Science</b>
19.	M.E. Systems Engineering and Operations Research	<b>B.E. / B.Tech.</b> 1. Computer Science and Engg. 2. Information Technology 3. Software Engineering 4. Electronics and Communication Engg. <b>M.Sc.</b> 5. Mathematics 6. Statistics <b>M.Sc. (5 years integrated)</b> 7. Information Technology 8. Computer Science 9. Software Engineering <b>B.Sc. (3 years) in Information Technology / Computer Science and M.Sc. (2 years) in Information Technology / Computer Science</b>
20.	M.E. Space Science and Engineering	<b>B.E. / B.Tech.</b> 1. Aeronautical Engg. 2. Mechanical Engg. 3. Aerospace Tech. 4. Electrical and Electronics Engg. 5. Electronics and Communication Engg. 6. Electronics and Instrumentation Engg. 7. <b>M.Sc. (Physics)</b>

Sl. No.	P.G. Programmes	Eligible Qualifications
21.	M.Tech. Satellite Technology	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Information Technology 4. Computer Science and Engg. 5. Electronics Engg. 6. Software Engineering
22.	M.E. VLSI Design	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Electrical and Electronics Engg. 3. Electronics Engg. 4. Instrumentation Engg. 5. Electronics and Instrumentation Engg. 6. Instrumentation and Control Engg. 7. Computer Science and Engg. 8. Information Technology 9. Software Engineering
23.	M.E. Wireless Communication	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Tele Communication Engg. 3. Electronics Engg. 4. Computer Science and Engg. 5. Information Technology 6. Electrical and Electronics Engg. 7. Electronics and Instrumentation Engg. 8. Software Engineering
24.	M.E. Wireless Technologies	<b>B.E. / B.Tech.</b> 1. Electronics and Communication Engg. 2. Tele-communication Engg. 3. Electronics Engg. 4. Computer Science and Engg. 5. Information Technology 6. Software Engineering
25.	M.Tech. Web and Mobile Technology	<b>B.E. / B.Tech.</b> 1. Electrical and Electronics Engg. 2. Electronics and Communication Engg. 3. Information Technology 4. Computer Science and Engg. 5. Electronics Engg. 6. Software Engineering

<b>V. FACULTY OF TECHNOLOGY</b>		
<b>Sl. No.</b>	<b>P.G. Programmes</b>	<b>Eligible Qualifications</b>
1.	M.Tech. Apparel Technology Management	<b>B.E. / B.Tech.</b> 1. Textile Engg./Tech. 2. Textile Chemistry 3. Fashion Tech. 4. Leather Tech. 5. Apparel Tech.
2.	M.Tech. Bio-Technology	<b>B.E. / B.Tech.</b> 1. Chemical Engg. 2. Leather Tech. 3. Genetic Engg./Tech. 4. Bio-Chemical Engg./Tech. 5. Industrial Bio-Technology 6. Petroleum Engg./Tech. 7. Bio-Technology 8. Petrochemicals Engg./Tech. 9. Agricultural Bio-Technology 10. Petroleum Refining & Petro Chemicals Engg. 11. Chemical and Electrochemical Engg.  <b>M.Sc.</b> 12. Bio-Chemistry 13. Micro-Biology 14. Bio-Physics 15. Bio-Technology 16. Genetics 17. <b>B.Pharm.</b>
3.	M.Tech. Bio-Pharmaceutical Technology	<b>B.E. / B.Tech.</b> 1. Chemical Engg. 2. Bio- Technology 3. Industrial Bio-Technology 4. Biomedical Engg. 5. Bio Engineering 6. Pharmaceutical Engg./Tech. 7. Biochemical Engg./Tech. 8. Biopharmaceutical Engg./Tech.  <b>M.Sc.</b> 9. Biochemistry 10. Microbiology 11. Genetic Engineering 12. BioTechnology 13. Genetics and Molecular Biology 14. <b>B.Pharm.</b>
4.	M.Tech. Chemical Engineering	<b>B.E. / B.Tech.</b> 1. Chemical Engg. 2. Electro-Chemical Engg. 3. Pharmaceutical Engg./Tech. 4. Petroleum Engg./Tech. 5. Food Technology 6. Food Processing Engg./Tech. 7. Petrochemicals Engg./Tech. 8. Petroleum Refining & Petrochemicals Engg. 9. Chemical and Electrochemical Engg.



Sl. No.	P.G. Programmes	Eligible Qualifications
5.	M.Tech. Ceramic Technology	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Chemical Engg.</li> <li>2. Ceramic Engg./Tech.</li> <li>3. Metallurgy</li> <li>4. Petroleum Engg./Tech.</li> <li>5. Petrochemicals Engg./Tech.</li> <li>6. Petroleum Refining &amp; Petrochemicals Engg.</li> <li>7. Ceramic &amp; Cement Technology</li> <li>8. Chemical and Electrochemical Engg.</li> <li>9. Material Science and Engg.</li> <li>10. Mechanical Engg.</li> <li>11. Electronics and Communication Engg.</li> <li>12. Industrial Bio-Technology</li> </ol> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>13. Physics</li> <li>14. Applied Physics</li> <li>15. Chemistry</li> <li>16. Applied Chemistry</li> <li>17. Material Science</li> </ol>
6.	M.Tech. Environmental Science and Technology	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Civil Engg.</li> <li>2. Geo-Informatics</li> <li>3. Chemical Engg.</li> <li>4. Industrial Bio-Technology</li> <li>5. Bio-Technology</li> <li>6. Petroleum Engg./Tech.</li> <li>7. Petrochemicals Engg./Tech.</li> <li>8. Chemical &amp; Electro Chemical Engg.</li> <li>9. Petroleum Refining &amp; Petro Chemicals Engg.</li> <li>10. B.Tech.(Energy and Environmental Engineering) of Tamilnadu Agricultural University, Coimbatore.</li> </ol> <p><b>M.Sc</b></p> <ol style="list-style-type: none"> <li>11. Applied Chemistry</li> <li>12. Environmental Chemistry</li> <li>13. Bio-Technology</li> </ol>
7.	M.Tech. Electro-Chemical Engineering	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Chemical Engg.</li> <li>2. Chemical and Electrochemical Engg.</li> <li>3. Petroleum Engg./Tech.</li> <li>4. Petrochemicals Engg./Tech.</li> <li>5. Petroleum Refining &amp; Petro Chemicals Engg.</li> <li>6. <b>M.Sc. (Applied Chemistry)</b></li> </ol>
8.	M.Tech. Food Technology	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Food Technology</li> <li>2. Bio-Technology</li> <li>3. Pharmaceutical Tech./Engg.</li> <li>4. Chemical Engg.</li> <li>5. Mechanical Engg.</li> <li>6. Agricultural Engg.</li> <li>7. Dairy Technology</li> <li>8. Industrial Bio-Technology</li> <li>9. Chemical and Electrochemical Engg.</li> </ol> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>10. Food Science &amp; Nutrition</li> <li>11. Biotechnology</li> <li>12. Biochemistry</li> <li>13. Microbiology</li> <li>14. Horticulture</li> <li>15. Fisheries Science</li> </ol>

Sl. No.	P.G. Programmes	Eligible Qualifications
9.	M.Tech. Footwear Science and Engineering	<b>B.E. / B.Tech.</b> 1. Leather Tech. 2. Mechanical Engg. 3. Industrial Engg. 4. Production Engg./Tech.
10.	M.Tech. Industrial Safety and Hazard Management	<b>B.E. / B.Tech.</b> 1. Chemical Engg. 2. Leather Tech. 3. Textile Engg./Tech. 4. Apparel Tech. 5. Ceramic Tech. 6. Bio-Technology 7. Environmental Engg./Tech. 8. Rubber and Plastics Tech. 9. Polymer Tech. 10. Food Technology 11. Pharmaceutical Tech./ Engg. 12. Petroleum Refining and Petro Chemical Engg. 13. Nano Science and Tech. 14. Petroleum Engg. and Tech. 15. Mechanical Engg. 16. Industrial Engg. 17. Material Science and Engg. 18. Manufacturing Engg./Tech. 19. Production Engg./Tech. 20. Civil Engg. 21. Electrical Engg. <b>M.Sc.</b> (any branch of Chemistry)
11.	M.Tech. Leather Technology	<b>B.E. / B.Tech.</b> 1. Leather Technology 2. Bio-Technology <b>M. Sc.</b> 3. Chemistry 4. Applied Chemistry 5. Environmental Chemistry 6. Bio-Technology
12.	M.Tech. Nano-Science and Technology	<b>B.E. / B.Tech.</b> 1. Mechanical Engg. 2. Ceramic Tech. 3. Engineering Physics 4. Bio-Technology 5. Industrial Bio-Technology 6. Chemical Engg. 7. Biomedical Engg. 8. Agricultural Bio-Technology 9. Bio-Informatics 10. Electrical and Electronics Engg 11. Electronics and Communication Engg. 12. Chemical and Electrochemical Engg. <b>M.Sc.</b> (with Mathematics as one of the subjects at B.Sc. Level ) 13. Physics 14. Material Science 15. Chemistry 16. Applied Chemistry 17. Bio Chemistry 18. Bio-Technology 19. <b>B.Pharm.</b>
13.	M.Tech. Petroleum Refining and Petro Chemicals	<b>B.E. / B.Tech.</b> 1. Chemical Engg. 2. Petroleum Refining & Petro Chemical Engg. 3. Petroleum Engg./Tech. 4. Chemical and Electrochemical Engg. 5. <b>M.Sc.</b> (Petroleum Technology)

Sl. No.	P.G. Programmes	Eligible Qualification		
14.	M.Tech. Plastic Technology	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Mechanical Engg.</li> <li>2. Chemical Engg.</li> <li>3. Production Engg./Tech.</li> <li>4. Polymer Tech.</li> <li>5. Petroleum Engg./Tech.</li> <li>6. Petro-Chemicals Engg./Tech.</li> <li>7. Petroleum Refining Engg.</li> <li>8. Chemical and Electrochemical Engg.</li> <li>9. Rubber and Plastic Tech.</li> <li>10. Textile Engg./Tech.</li> <li>11. Plastics Technology</li> <li>12. Rubber Technology</li> </ol> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>13. Polymer Science</li> <li>14. Chemistry with polymer specialisation</li> <li>15. Applied Chemistry</li> </ol>		
15.	M.Tech. Polymer Science and Engineering	<table border="0"> <tr> <td> <p><b>B.E / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Polymer Tech.</li> <li>2. Chemical Engg.</li> <li>3. Plastic Tech.</li> <li>4. Textile Engg./Tech.</li> <li>5. Rubber and Plastic Tech.</li> <li>6. Chemical and Electrochemical Engg.</li> </ol> </td> <td> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>7. Polymer Science</li> <li>8. Material Science</li> <li>9. Applied Chemistry</li> <li>10. Chemistry</li> </ol> </td> </tr> </table>	<p><b>B.E / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Polymer Tech.</li> <li>2. Chemical Engg.</li> <li>3. Plastic Tech.</li> <li>4. Textile Engg./Tech.</li> <li>5. Rubber and Plastic Tech.</li> <li>6. Chemical and Electrochemical Engg.</li> </ol>	<p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>7. Polymer Science</li> <li>8. Material Science</li> <li>9. Applied Chemistry</li> <li>10. Chemistry</li> </ol>
<p><b>B.E / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Polymer Tech.</li> <li>2. Chemical Engg.</li> <li>3. Plastic Tech.</li> <li>4. Textile Engg./Tech.</li> <li>5. Rubber and Plastic Tech.</li> <li>6. Chemical and Electrochemical Engg.</li> </ol>	<p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>7. Polymer Science</li> <li>8. Material Science</li> <li>9. Applied Chemistry</li> <li>10. Chemistry</li> </ol>			
16.	M.Tech. Rubber Tech.	<table border="0"> <tr> <td> <p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Rubber and/or Plastic Tech.</li> <li>2. Polymer Tech.</li> <li>3. Mechanical Engg.</li> <li>4. Chemical Engg.</li> <li>5. Material Science and Engg.</li> <li>6. Automobile Engg.</li> <li>7. Production Engg./Tech.</li> <li>8. Chemical and Electrochemical Engg.</li> </ol> </td> <td> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>9. Chemistry</li> <li>10. Applied Chemistry</li> <li>11. Polymer Chemistry</li> <li>12. Material Science</li> </ol> </td> </tr> </table>	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Rubber and/or Plastic Tech.</li> <li>2. Polymer Tech.</li> <li>3. Mechanical Engg.</li> <li>4. Chemical Engg.</li> <li>5. Material Science and Engg.</li> <li>6. Automobile Engg.</li> <li>7. Production Engg./Tech.</li> <li>8. Chemical and Electrochemical Engg.</li> </ol>	<p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>9. Chemistry</li> <li>10. Applied Chemistry</li> <li>11. Polymer Chemistry</li> <li>12. Material Science</li> </ol>
<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Rubber and/or Plastic Tech.</li> <li>2. Polymer Tech.</li> <li>3. Mechanical Engg.</li> <li>4. Chemical Engg.</li> <li>5. Material Science and Engg.</li> <li>6. Automobile Engg.</li> <li>7. Production Engg./Tech.</li> <li>8. Chemical and Electrochemical Engg.</li> </ol>	<p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>9. Chemistry</li> <li>10. Applied Chemistry</li> <li>11. Polymer Chemistry</li> <li>12. Material Science</li> </ol>			
17.	M.Tech. Textile Technology	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Textile Engg./Tech.</li> <li>2. Textile Chemistry</li> <li>3. Apparel Technology</li> <li>4. Fashion Technology (Textile Technology)</li> </ol>		
18.	M.Tech. Textile Technology (with specialisation in Textile Chemistry)	<p><b>B.E. / B.Tech.</b></p> <ol style="list-style-type: none"> <li>1. Textile Chemistry</li> <li>2. Textile Technology</li> <li>3. Polymer Technology</li> </ol> <p><b>M.Sc.</b></p> <ol style="list-style-type: none"> <li>4. Applied Chemistry</li> <li>5. Textile Chemistry</li> <li>6. Chemistry</li> </ol>		
19.	M.Tech. Technology Management	<b>B.E. / B.Tech. (All Branches)</b>		

<b>VI. FACULTY OF ARCHITECTURE &amp; PLANNING</b>		
<b>Sl. No.</b>	<b>P.G. Programmes</b>	<b>Eligible Qualification</b>
1.	M.Arch	<b>B.Arch. / AIIA*</b>
2.	M.Arch Digital Architecture	<b>B.Arch. / AIIA*</b>
3.	M.Arch. Environmental Architecture	<b>B.Arch. / AIIA*</b>
4.	M.Arch Landscape Architecture	<b>B.Arch. / AIIA*</b>
5.	M.Arch. Real Estate Development	1. <b>B.Arch.</b> 2. <b>B.E. (Civil Engineering)</b> Subject to the condition that they will not be eligible for registration as 'Architects' under the Architects Act 1972 with the Council of Architecture. 3. <b>AIIA*</b>
6.	M.Plan.	1. <b>B.Plan.</b> 2. <b>B.Arch.</b> 3. <b>B.E (Civil)</b> <b>M.A./ M.Sc.</b> i) Geography ii) Economics iii) Sociology iv) Social Work with Community development specialisation and Rural Development v) AIIA*
<p><b><u>Note:</u></b></p> <p><b>Admission shall be offered only to the candidates who possess the qualification prescribed above against each programme.</b></p>		

\* Candidates who have qualified as AIIA with registration prior to 2002 with COA Registration are eligible.

**Eligibility Qualifications for admission to M.B.A. and M.C.A degree programmes**

Course	Eligibility
M.B.A	<p>A pass in a recognised Bachelor's degree of minimum 3 years duration and obtained at least 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examination.</p> <p>(a) 10+2+3 years pattern (or)</p> <p>(b) 10+3 years Diploma + 3 years pattern (or)</p> <p>(c) B.E./B.Tech./B.Arch./B.Pharm. (or)</p> <p>(d) (i) 10+2+AMIE* (or) (ii) 10+3 Years diploma (awarded by the State Board of Technical Education) + AMIE.*</p>
M.C.A  M.C.A. (Lateral Entry)	<p>A pass in a recognised Bachelor's degree of minimum 3 years duration with mathematics at 10+2 level or at Graduate level and obtained at least 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examination.</p> <p>(a) 10+2+3/4 years Pattern (or)</p> <p>(b) 10+3 years diploma + 3 years Pattern (or)</p> <p>(c) (i) 10+2+AMIE* (or) (ii) 10+3 Years diploma (awarded by the State Board of Technical Education) + AMIE.*</p> <p>A pass in a recognised Bachelor's degree of minimum 3 years duration in BCA, B.Sc. (Information Technology / Computer Science) with mathematics as a course at 10+2 level or at Graduate level and obtained at least 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examinations.</p> <p>(a) 10+2+3 years Pattern</p>
<p>*Candidates with section 'A' &amp; 'B' certificates and other similar certificate of professional bodies or societies (e.g. A.M.I.E.) recognised by the Ministry of Human Resource Development, Govt. of India are considered to be equivalent to B.E. / B.Tech. Degree holders only with 2 years regular full time Teaching / Industrial experience in the relevant field after successful completion of the course including project work. An experience certificate is to be produced by the candidates.</p>	

	<b>Note:</b>
1.	Candidates admitted through Lateral Entry in degree courses are not eligible except, B.E. / B.Tech. and MCA degree courses.
2.	Candidates with B.E. / B.Tech. degrees obtained through Distance mode / Week end courses are not eligible
3.	Candidates with degree obtained without studying 10 <sup>th</sup> , 12 <sup>th</sup> Std. or 3 years degree programme are not eligible.