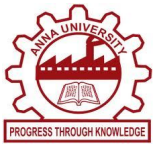


DEPARTMENT OF TECHNICAL EDUCATION :
CHENNAI 600 025

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

2013-2014

ELIGIBLE QUALIFICATION(S) FOR PG
DEGREE COURSES PRESCRIBED BY
TANCET 2013 CO-ORDINATION COMMITTEE



TAMIL NADU COMMON ENTRANCE TEST (TANCET) 2013

ANNA UNIVERSITY, CHENNAI 600 025

ELIGIBILITY REQUIREMENTS FOR MBA:

A pass in a recognised Bachelor's degree of minimum 3 years duration and obtained atleast 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examination.

(i) 10 + 2 years H.Sc. + 3 years bachelor's degree pattern

(or)

(ii) 10 + 3 years Diploma + 3 years bachelor's degree pattern

(or)

(iii) B.E./B.Tech./B.Arch./B.Pharm.

(or)

(iv) Candidates with section 'A' & '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 experience / 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 with AMIE Qualification.

a) 10 + 2 years H.Sc. + AMIE (with 2 years experience)

(or)

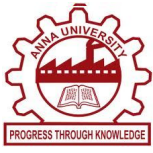
b) 10 + 3 Years diploma (awarded by the State Board of Technical Education) + AMIE (with 2 years experience)

Note:

- i. Candidates admitted through Lateral Entry in degree courses are not eligible except, B.E./B.Tech. and MCA# degree courses.
- ii. Candidates with B.E./B.Tech. degrees obtained through Distance mode/Week end courses are not eligible.
- iii. Candidates with MCA/M.Sc. degree obtained through week end courses are not eligible.
- iv. Candidates with degree obtained without studying 10th, 12th Std. or 3 years diploma and 3 years degree programme are not eligible.

Candidates appearing for the final semester / year examination of the said qualifying degree course except AMIE during April / May 2013 may also apply for TANCET 2013.

Subject to the approval of State Government.



TAMIL NADU COMMON ENTRANCE TEST (TANCET) 2013

ANNA UNIVERSITY, CHENNAI 600 025

ELIGIBILITY REQUIREMENTS FOR MCA:

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 atleast 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examinations.

- (i) 10 + 2 years H.Sc. + 3/4 Years bachelor's degree Pattern
(or)
- (ii) 10 + 3 Years diploma + 3 Years bachelor's degree Pattern
(or)
- (iii) Candidates with section 'A' & '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 experience / 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 with AMIE Qualifications.

- a) 10 + 2 years H.Sc. + AMIE (with 2 years experience)
(or)
- b) 10 + 3 Years diploma (awarded by the State Board of Technical Education) + AMIE (with 2 years experience)

MCA# (Lateral Entry):

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 atleast 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examinations.

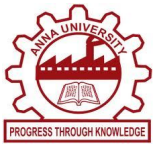
- (i) 10+2 years + 3 years bachelor's degree Pattern

Note:

- i. Candidates admitted through Lateral Entry in degree courses are not eligible except, B.E./B.Tech. and MCA# degree courses.
- ii. Candidates with B.E./B.Tech. degrees obtained through Distance mode/Week end courses are not eligible.
- iii. Candidates with MCA/M.Sc. degree obtained through week end courses are not eligible.
- iv. Candidates with degree obtained without studying 10th, 12th Std. or 3 years diploma and 3 years degree programme are not eligible.

Candidates appearing for the final semester / year examination of the said qualifying degree course except AMIE during April / May 2013 may also apply for TANCET 2013.

Subject to the approval of State Government.



TAMIL NADU COMMON ENTRANCE TEST (TANCET) 2013

ANNA UNIVERSITY, CHENNAI 600 025

ELIGIBILITY REQUIREMENTS FOR M.E./M.Tech./M.Arch./M.Plan.:

- a. A pass in a recognised Bachelor's degree or equivalent in the relevant field and obtained atleast 50 % (45 % in the case of candidates belonging to reserved category) in the qualifying degree examination .
- (i) B.E. / B.Tech. / B.Arch. degree programme.
(or)
 - (ii) B.Pharm. / B.Sc (Agri. / Forestry / Horticulture / Fishery) degree programme.
(or)
 - (iii) Master's Degree in the relevant branch of Science / Arts, which are prescribed.
(or)
 - (iv) M.Sc. (5 Years) Integrated Degree Programme.
(or)
 - (v) B.Sc. 3 Years (Computer Science / Information Technology) and M.Sc. 2 Years (Computer Science / Information Technology)
 - (vi) MCA (3 Years) after 10+2 years H.Sc. + 3 Years bachelor's degree.
 - (vii) MCA# Lateral Entry (2 Years) after 10+2 years H.Sc. + 3 Years bachelor's degree in BCA or B.Sc. (Information Technology / Computer Science)
- b. Candidates with section 'A' & '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 experience / 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 with AMIE Qualification.
- a) 10 + 2 years H.Sc. + AMIE (with 2 years experience)
(or)
 - b) 10 + 3 Years diploma (awarded by the State Board of Technical Education) + AMIE (with 2 years experience)

Note:

- i. Candidates admitted through Lateral Entry in degree courses are not eligible except, B.E./B.Tech. and MCA# degree courses.
- ii. Candidates with B.E./B.Tech. degrees obtained through Distance mode/Week end courses are not eligible.
- iii. Candidates with MCA/M.Sc. degree obtained through week end courses are not eligible.
- iv. Candidates with degree obtained without studying 10th, 12th Std. or 3 years diploma and 3/4 years degree programme are not eligible.

Candidates appearing for the final semester / year examination of the said qualifying degree course except AMIE during April / May 2013 may also apply for TANCET 2013.

Subject to the approval of State Government.

**MATHS SUBJECTS AT UG DEGREE LEVEL RECOMMENDED BY EXPERTS COMMITTEE FOR ADMISSION TO MCA
DEGREE PROGRAMME**

SL. NO.	MATHEMATICS SUBJECTS
1	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
2	1. Algebra and Calculus
3	1. Algebra and Calculus 2. Numerical Analysis and Statistics
4	1. Algebra and Calculus 2. Numerical Analysis and Statistics
5	1. Algebra and Calculus 2. Numerical Analysis and Statistics 3. Operations Research
6	1. Algebra and Differential Calculus
7	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms
8	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms 4. Mathematical Statistics I
9	1. Algebra and Differential Calculus 2. Integral Calculus Fourier series and Vector Calculus 3. Differential equations and Laplace Transforms 4. Mathematical Statistics I 5. Mathematical
10	1. Algebra and Differential Calculus 2. Integral Calculus, Fourier Series and Vector Calculus 3. Differential Equations and Laplace Transforms
11	1. Algebra and Differential Calculus 2. Numerical Methods
12	1. Algebra and Differential Calculus 2. Numerical Methods
13	1. Allied Mathematics I 2. Allied Mathematics II 3. Allied Mathematics III
14	1. Applied Mathematics I
15	1. Applied Mathematics I 2. Applied Mathematics 3. Mathematical Structures 4. Probability and Statistics
16	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures 4. Probability and Statistics
17	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures and Numerical Methods
18	1. Applied Mathematics I 2. Applied Mathematics II 3. Applied Mathematics III 4. Optimization Techniques and Numerical Methods
19	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures
20	1. Applied Mathematics I 2. Applied Mathematics II 3. Mathematical Structures 4. Probability and Statistics
21	1. Applied Mathematics I 2. Mathematical Structures
22	1. Applied Mathematics I 2. Mathematical Structures 3. Probability and Statistics

**MATHS SUBJECTS AT UG DEGREE LEVEL RECOMMENDED BY EXPERTS COMMITTEE FOR ADMISSION TO MCA
DEGREE PROGRAMME**

SL. NO.	MATHEMATICS SUBJECTS
23	1. Basic Numerical Skills 2. Quantitative Techniques for Business
24	1. Business Statistical Methods 2. Business Statistical decision Techniques
25	1. Business Statistics
26	1. Business Statistics 2. Business Mathematics
27	1. Calculus and Fourier Series 2. Algebra, Analytical Geometry (3D) and Trigonometry 3. ODE. PDE. Laplace Transformation and Vector Calculus
28	1. Computer Oriented Numerical and Statistical Methods 2. Computer based Optimization Techniques
29	1. Computer Oriented Numerical & Statistical Methods
30	1. Computer Oriented Numerical and Statistical Methods 2. Computer based Optimization Techniques
31	1. Computer Oriented Numerical and Statistical Methods 2. Computer oriented Optimization Techniques
32	1. Computer Oriented Numerical and Statistical Methods 2. Operations Research
33	1. Computer Oriented Numerical Methods
34	1. Computer Oriented Numerical Methods 2. Computer Oriented Optimization Techniques
35	1. Computer Oriented Numerical Methods 2. Discrete Mathematics
36	1. Computer Oriented Numerical Methods and Statistical Methods
37	1. Discrete Mathematics
38	1. Discrete Mathematics 2. Computer Oriented Numerical Methods
39	1. Discrete Mathematics 2. Numerical Aptitude
40	1. Discrete Mathematics 2. Numerical Methods
41	1. Discrete Mathematics 2. Resource Management Techniques
42	1. Discrete Mathematics 2. Statistics 3. Operations Research 4. Numerical Methods
43	1. Discrete Mathematics and Numerical Methods 2. Operations Research
44	1. Foundation Mathematics 2. Computer Based Numerical and Statistical Methods

**MATHS SUBJECTS AT UG DEGREE LEVEL RECOMMENDED BY EXPERTS COMMITTEE FOR ADMISSION TO MCA
DEGREE PROGRAMME**

SL. NO.	MATHEMATICS SUBJECTS
45	1. Mathematical foundation for Computer Science 2. Computer Oriented Numerical and Statistical Methods
46	1. Mathematical foundation for Computer Science 2. Computer Oriented Numerical Methods
47	1. Mathematical Foundation in Computer Science I 2. Mathematical Foundation in Computer Science II 3. Statistical and Numerical Methods 4. Resource Management Techniques
48	1. Mathematical Foundations 2. Statistical and Numerical Methods 3. Resource Management Techniques
49	1. Mathematical Foundations for Computer Science 2. Resource Management Techniques
50	1. Mathematical Foundations I 2. Mathematical Foundations II
51	1. Mathematical Foundations I 2. Mathematical Foundations II
52	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Basic Mathematics
53	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Foundation Mathematics for Competitive Examinations
54	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Numerical Methods
55	1. Mathematical Foundations I 2. Mathematical Foundations II 3. Resource Management Techniques
56	1. Mathematical Foundations I 2. Numerical Methods
57	1. Mathematical Foundations I 2. Numerical Methods 3. Resource Management Techniques
58	1. Mathematical Foundations I 2. Resource Management Techniques 3. Numerical Methods
59	1. Mathematical Foundations I and II 2. Numerical Methods 3. Resource Management Techniques
60	1. Mathematical Statistics 2. Numerical Methods
61	1. Mathematical Structures for Computer Science 2. Discrete Mathematics
62	1. Mathematical Structures for Computer Science 2. Discrete Mathematics
63	1. Mathematical Structures for Computer Science 2. Discrete Mathematics 3. Operations Research
64	1. Mathematics
65	1. Mathematics 2. Probability and Statistics 3. Discrete Mathematics 4. Operations Research
66	1. Mathematics for Business 2. Statistics for Business

**MATHS SUBJECTS AT UG DEGREE LEVEL RECOMMENDED BY EXPERTS COMMITTEE FOR ADMISSION TO MCA
DEGREE PROGRAMME**

SL. NO.	MATHEMATICS SUBJECTS
67	1. Mathematics for Computer Applications
68	1. Mathematics for Electronics 2. Mathematics Statistics for Electronics
69	1. Mathematics Foundation for Computer Science
70	1. Mathematics I
71	1. Mathematics I (Computer Oriented Numerical and Statistical Methods) 2. Mathematics II (Discrete Mathematics)
72	1. Mathematics I 2. Mathematical Statistics I and II
73	1. Mathematics I 2. Mathematics II
74	1. Mathematics I 2. Mathematics II
75	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
76	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
77	1. Mathematics I 2. Mathematics II 3. Numerical and Statistical Methods
78	1. Numerical and Statistical Methods 2. Operations Research
79	1. Numerical Methods and Statistics
80	1. Numerical Methods and Statistics 2. Operations Research
81	1. Resource Management Techniques 2. Computer Oriented Numerical Methods
82	1. Statistics I 2. Statistics II
83	Business Maths

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

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

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

Sl. No.	P.G. Programmes Offered	Eligible Qualifications
14.	M.E. Infrastructure Engineering	B.E. / B.Tech. (Civil)
15.	M.E. Infrastructure Engg. and Management	B.E. / B.Tech. (Civil)
16.	M.Tech. Remote Sensing	<p>B.E. / B.Tech.</p> <ol style="list-style-type: none"> 1. Civil 2. Mining 3. Agricultural 4. Agricultural and Irrigation <p>B.Sc. (4 years)*</p> <ol style="list-style-type: none"> 5. Agriculture 6. Forestry 7. Horticulture 8. Fishery <p>M.Sc.*</p> <ol style="list-style-type: none"> 9. Geography 10. Geology / Applied Geology 11. Physics <p>* 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.</p>
17.	M.E. Structural Engineering	B.E. / B.Tech. (Civil)
18.	M.E. Structural Engineering and Construction	B.E. / B.Tech. (Civil)
19.	M.E. Soil Mechanics and Foundation Engineering	<p>B.E. / B.Tech.</p> <ol style="list-style-type: none"> 1. Civil 2. Civil and Structural Engg.
20.	M.E. Transportation Engineering	<p>B.E. / B.Tech.</p> <ol style="list-style-type: none"> 1. Civil 2. Geoinformatics

II. FACULTY OF MECHANICAL ENGINEERING

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

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

Sl. No.	P.G. Programmes Offered	Eligible Qualifications
19.	M.E. Lean Manufacturing	B.E. / B.Tech. 1. Mechanical 2. Production 3. Automobile 4. Aerospace 5. Industrial 6. Manufacturing 7. Aeronautical
20.	M.E Mechatronics	B.E. / B.Tech. 1. Mechanical 2. Automobile 3. Production 4. Electronics 5. Aerospace 6. Computer Science and Engg. 7. Electrical and Electronics 8. Instrumentation and Control 9. Electronics and Instrumentation 10. Electronics and Communication 11. Mechatronics 12. Manufacturing 13. Instrumentation 14. Aeronautical
21.	M.E. Manufacturing Engineering	B.E. / B.Tech. 1. Production 2. Automobile 3. Mechanical 4. Industrial 5. Metallurgy 6. Manufacturing 7. Mechatronics 8. Material Science
22.	M.E. Manufacturing Systems Management	B.E. / B.Tech. 1. Mechanical 2. Manufacturing 3. Industrial 4. Printing 5. Automobile 6. Production 7. Mechatronics 8. Metallurgy 9. Mining 10. Material Science
23.	M.E. Product Design and Development	B.E. / B.Tech. 1. Mechanical 2. Automobile 3. Manufacturing 4. Production 5. Industrial 6. Mechatronics
24.	M.E. Product Design and Commerce	B.E. / B.Tech. 1. Mechanical 2. Production 3. Automobile 4. Manufacturing 5. Industrial 6. Mechatronics
25.	M.E. Printing and Packaging Technology	B.E. / B.Tech. 1. Printing 2. Mechanical 3. Manufacturing 4. Production Engg. / Tech. 5. Chemical Engg. / Tech. 6. Chemical and Electrochemical 7. Polymer Engg. / Tech. 8. Plastic Tech. 9. Rubber and Plastic Tech. 10. Polymer Science and Engg. 11. Packaging Technology
26.	M.Tech. Quality Engineering	B.E. / B.Tech. (All Branches)
27.	M.E. Quality Engineering and Management	B.E. / B.Tech. (All branches) with minimum 2 years experience.

Sl. No.	P.G. Programmes Offered	Eligible Qualifications
28.	M.E. Thermal Engineering (with Specialisation in Refrigeration and Air – Conditioning)	B.E. / B.Tech. 1. Mechanical 2. Automobile 3. Marine
29.	M.Tech. Renewable Energy	B.E. / B.Tech. 1. BioTech. 2. Chemical 3. Industrial Bio-Technology 4. Electrochemical 5. Mechanical 6. Chemical & Electrochemical 7. Automobile 8. Manufacturing 9. Production 10. Industrial
30.	M.E. Robotics	B.E. / B.Tech. 1. Automobile 2. Mechanical 3. Manufacturing 4. Mechatronics 5. Production 6. Aeronautical 7. Metallurgical 8. Material Science
31.	M.E. Solar Energy	B.E. / B.Tech. 1. Mechanical 2. Energy 3. Energy and Environmental 4. Mechanical and Energy
32.	M.E. Thermal Engineering	B.E. / B.Tech. 1. Mechanical 2. Production 3. Automobile 4. Aeronautical 5. Aerospace 6. Mechatronics 7. Marine 8. Industrial 9. Manufacturing
33.	M.E. Welding Technology	B.E. / B.Tech. 1. Mechanical 2. Production 3. Automobile 4. Metallurgy 5. Aeronautical 6. Aerospace 7. Mechatronics 8. Marine 9. Industrial 10. Manufacturing 11. Material Science

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

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

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

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

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

Sl. No.	P.G. Programmes Offered	Eligible Qualifications
17.	M.E. Optical Communication	B.E. / B.Tech. 1. Electronics and Communication 2. Electronics
18.	M.E. Software Engineering	B.E. / B.Tech. 1. Computer Science 2. Information Technology 3. Electronics and Communication 4. Software Engineering M.Sc. (5 years integrated) 5. Information Technology 6. Computer Science 7. Software Engineering B.Sc. (3 years) in Information Technology / Computer Science and M.Sc. (2 years) in Information Technology / Computer Science M.C.A (10+2+3+3) years Pattern. M.C.A# Lateral Entry (2 Years) after 10+2+3 Years degree in B.C.A or B.Sc. (Information Technology / Computer Science). # Subject to approval of State Government.
19.	M.E. Systems Engineering and Operations Research	B.E. / B.Tech. 1. Computer Science and Engg. 2. Information Technology 3. Electronics and Communication 4. Software Engineering M.Sc. 5. Mathematics 6. Statistics M.Sc. (5 years integrated) 7. Information Technology 8. Computer Science 9. Software Engineering B.Sc. (3 years) in Information Technology / Computer Science and M.Sc. (2 years) in Information Technology / Computer Science M.C.A (10+2+3+3) years Pattern. M.C.A# Lateral Entry (2 Years) after 10+2+3 Years degree in B.C.A or B.Sc. (Information Technology / Computer Science). # Subject to approval of State Government.
20.	M.E. Space Science and Engineering	B.E. / B.Tech. 1. Aeronautical 2. Mechanical 3. Aerospace 4. Electrical and Electronics 5. Electronics and Communication 6. Electronics and Instrumentation 7. M.Sc. (Physics)

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

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

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

Sl. No.	P.G. Programmes Offered	Eligible Qualifications
9.	M.Tech. Footwear Science and Engineering	B.E. / B.Tech. 1. Leather 2. Mechanical 3. Industrial 4. Production
10.	M.Tech. Leather Technology	B.E. / B.Tech. 1. Leather Technology 2. Bio-Technology M. Sc. 3. Chemistry 4. Applied Chemistry 5. Environmental Chemistry 6. Bio-Technology
11.	M.Tech. Nano-Science and Technology	B.E. / B.Tech. 1. Mechanical 2. Ceramic 3. Engineering Physics 4. Bio-Technology 5. Industrial Bio-Technology 6. Chemical 7. Biomedical 8. Agricultural Bio-Technology 9. Bio-Informatics 10. Electrical and Electronics 11. Electronics and Communication 12. Chemical and Electrochemical M.Sc. (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.Pharm.
12.	M.Tech. Petroleum Refining and Petro Chemicals	B.E. / B.Tech. 1. Chemical 2. Petroleum Refining & Petro Chemical 3. Petroleum Engg. / Tech. 4. Chemical and Electrochemical 5. M.Sc. (Petroleum Technology)

Sl. No.	P.G. Programmes Offered	Eligible Qualification
13.	M.Tech. Plastic Technology	B.E. / B.Tech. 1. Mechanical 2. Chemical 3. Production 4. Polymer 5. Petroleum Engg. / Tech. 6. Petro-Chemicals 7. Petroleum Refining 8. Chemical and Electrochemical 9. Rubber and Plastic Tech. 10. Textile Engg. / Tech. M.Sc. 11. Polymer Science 12. Chemistry with polymer specialisation 13. Applied Chemistry
14.	M.Tech. Polymer Science and Engineering	B.E / B.Tech. 1. Polymer 2. Chemical 3. Plastic 4. Textile 5. Rubber and Plastic 6. Chemical and Electrochemical M.Sc. 7. Polymer Science 8. Material Science 9. Applied Chemistry 10. Chemistry
15.	M.Tech. Rubber Tech.	B.E. / B.Tech. 1. Rubber and/or Plastic Tech. 2. Polymer 3. Mechanical 4. Chemical 5. Material Science and Engg. 6. Automobile 7. Production 8. Chemical and Electrochemical M.Sc. 9. Chemistry 10. Applied Chemistry 11. Polymer Chemistry 12. Materials Science
16.	M.Tech. Textile Technology	B.E. / B.Tech. 1. Textile Technology 2. Textile Chemistry 3. Apparel Technology 4. Fashion Technology (Textile Technology)
17.	M.Tech. Textile Technology (with specialisation in Textile Chemistry)	B.E. / B.Tech. 1. Textile Chemistry 2. Textile Technology 3. Polymer M.Sc. 4. Applied Chemistry 5. Textile Chemistry 6. Chemistry
18.	M.Tech. Technology Management	B.E. / B.Tech. (All Branches)

VI. FACULTY OF ARCHITECTURE & PLANNING		
Sl. No.	P.G. Programmes Offered	Eligible Qualification
1.	M.Arch	B.Arch.
2.	M.Arch Digital Architecture	B.Arch.
3.	M.Arch. Environmental Architecture	B.Arch. or equivalent
4.	M.Arch Landscape Architecture	B.Arch.
5.	M.Arch. Real Estate Development	1. B.Arch. 2. B.E. (Civil Engineering) Subject to the condition that they will not be eligible for registration as 'Architects' under the Architects Act 1972 with the Council of Architecture.
6.	M.Plan.	1. B.Plan. 2. B.Arch. 3. B.E (Civil) M.A./ M.Sc. 4. Geography 5. Economics 6. Sociology 7. Social Work with Community development specialisation and Rural Development
<p><u>Note:</u></p> <p>Admission shall be offered only to the candidates who possess the qualification prescribed above against each programme.</p>		