

ANNA UNIVERSITY :: CHENNAI - 600 025

INFORMATION TO CANDIDATES FOR Ph.D. PROGRAMME

Candidates are requested to read the various clauses mentioned below and fill up the application form carefully without neglecting any column

DATES TO REMEMBER

Downloading of Application from the website	02.04.2012 onwards
Last date for receipt of completed Applications	20.04.2012

Candidates who satisfy the general eligibility criteria and educational qualification shown below are eligible to apply for Ph.D. Programme.

1 GENERAL ELIGIBILITY

- 1.1 Master's Degree of this University or any other qualification recognized as equivalent thereto in the fields of study notified from time to time by this University. Specific educational qualifications are given in Clause 2.
- 1.2 Bachelor's Degree in Engineering / Technology of the University or any other qualification recognized as equivalent thereto in the fields of study with a minimum of 15 years of R & D Experience in National Research Laboratories / Public sector undertakings and with minimum of three publications in referred impact factor journals or two international patents in the last five years.
- 1.3 A minimum of 55% marks or CGPA of 5.5 on a 10 point scale in the qualifying examination (50% marks or CGPA of 5.0 on a 10 point scale for SC/ST candidates). For M.A.(English) Degree holders including SC/ST candidates, a minimum of 50% marks or CGPA of 5.0 on a 10 point scale
- 1.4 The Clause 1.3 does not apply, if the qualifying degree is M.S (By Research) of this University or recognized as equivalent.

2. EDUCATIONAL QUALIFICATIONS

PROGRAMME		QUALIFICATION FOR ADMISSION
(i)	Ph.D. Degree in Engineering/ Technology	M.E./M.Tech./M.S. (By Research) in the relevant branch of Engineering or Technology.
(ii)	Ph.D. Degree in Science and Humanities	M.Sc./M.A.(English)/M.S. (By Research) in the relevant branch of Science and Humanities / M.C.A
(iii)	Ph.D. Degree in Management Sciences	MBA / Post Graduate Diploma in Business Management or Administration awarded by Indian Institute of Managements (IIMs) / M.S (By Research) in Management Sciences.
(iv)	Ph.D. Degree in Architecture and Planning	M.Arch./M.Plan / M.S.(By Research) in Architecture and Planning

3. Ph.D. PROGRAMME

Candidates who satisfy the eligibility criteria as in the Clauses 1 & 2 are eligible to apply for Ph.D. Programme.

3.1 Full-time Ph.D Programme:

- 3.1.1 Candidates under Full-time shall do research work in the University Departments/Affiliated Engineering Colleges and shall be available during the working hours for curricular, co-curricular and related activities.
- 3.1.2 Candidates working in the projects undertaken from State/Central/Quasi Government and totally funded through the projects in the University Departments, University Colleges of Engineering, Govt./Govt. Aided/Self financing Engineering Colleges within Tamil Nadu. If the Principal Co-ordinator/Investigator of such projects are recognized Supervisor of the University Departments/Affiliated Engineering College, the candidate shall register for research programme under such Supervisor only. The candidate should be appointed in a project sanctioned by a funding agency/organization atleast for a period of two years. Part employments in different spells or in different projects are not permitted. **The Department / Centre where the project is undertaken should be a recognized research centre of the University.**
- 3.1.3 Candidates in employment, who want to pursue Full-time study, should be sponsored by their employer and should avail study leave for the minimum duration of the programme and should produce relieving order obtained from their employer to join the research programme.
- 3.1.4 Candidates who are sponsored by AICTE under Quality Improvement Programme for teachers of Engineering Colleges who satisfy the eligibility conditions shall be eligible for Full-time category only in the specializations as notified in the AICTE guidelines.
- 3.1.5 Candidates who are selected at National level Fellowship programmes or by any recognized bodies and who satisfy the eligibility conditions as per the regulations shall apply for Full-time category in the respective specialization.
- 3.1.6 Foreign Nationals sponsored by Government of India on any exchange programme who satisfy the eligibility conditions as per the regulations shall apply for Full-time study.

3.2 Part-time Ph.D. Programme:

The following categories of candidates are eligible to apply under part-time programme.

- 3.2.1 Full-time teachers of University Departments/University Colleges of Engineering, Govt./Govt. Aided/Self financing Engineering Colleges/Architecture Schools within Tamil Nadu.
- 3.2.2 Candidates working in Industrial Units/R&D Departments/National Laboratories/Units of Government/Quasi Government or any other research laboratories **which are recognized by the University to do collaborative research with the University** and sponsored by the respective employer.

4. MODE OF SELECTION

Selection to the research programme (part-time and full-time) will be based on the performance in the written test cum interview.

5. DURATION OF THE PROGRAMME

Sl.No.	Programme	Minimum duration		Maximum duration
		Full-time	Part- time	Full-time/ Part-time
1.	Engineering/Technology/ Architecture and Planning	2	3	6
2.	Science and Humanities	3	4	6
3.	Management			
	(a) Engineering background	2	3	6
	(b) Science background	3	4	6

Candidates whose M.Phil. degree related to the proposed Ph.D. field of research, the minimum duration of the programme will be reduced by one year (i.e) for Full-time 2 years and for Part-time 3 years.

6. FACULTY FOR THE AWARD OF THE DEGREE

The place and area of research is shown in Annexure I. **The Ph.D. degree will be awarded in the Faculty shown in Annexure II based on the Post Graduate degree of the candidate.**

7. DETAILS OF FEES TO BE PAID

7.1 REGISTRATION FEE

Duly filled-in application should accompany with registration fee of Rs.600/- for General Category and Rs.300/- for Tamil Nadu SC/ST candidates in the form of a demand draft drawn in favour of “**The Director (Research), Anna University**” payable at **Chennai** drawn on or after 02.04.2012 and obtained from any Nationalized Bank.

7.2 At the time of admission (after receiving provisional selection order)

FEE STRUCTURE

Sl. No.	Particulars	Full-time Rs.	Part-time Rs.
I. One time Fee			
1.	Admission Fee	500	500
2.	Cost of Regulations Book	300	300
	Total	800	800
II. Refundable Deposits			
1.	Caution Deposit	9000	9000
	Total	9000	9000
III. Payable Every Semester			
1.	Enrolment Fee	200	200
2.	Tuition Fee	1000	1000
3.	University Library Fee	200	200
4.	Departmental Development Fee	800	800
5.	Research Coordination Charges	4850	5350
	Total	7050	7550
	Grand Total	16850	17350

The above fees shall be paid in the form of a demand draft drawn in favour of “The Director (Research), Anna University” payable at Chennai.

Tuition fee is exempted for Full-time SC/ST Candidates of Tamil Nadu.

Cooperative society fee & Smart/Identity card fee as notified by the University are to be paid at the time of admission.

7.3 Payable for every Semester:

As shown in 7.2 (III) above, each semester fee is to be paid as notified in the website of the University till the submission of Thesis.

7.4 Examination fee for Course Works:

A minimum of four PG level courses are to be studied and examinations are to be undertaken by a Ph.D. scholar as recommended by Doctoral Committee. The required Examination fee has to be paid as notified by the Controller of Examinations.

7.5 Synopsis Fee (Payable at the time of submission of Synopsis)

Synopsis Fee : Rs. 6,500/- (including Provisional Certificate and Degree Certificate fee)

8.0 DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION

8.1 Duly attested photocopies of certificates for proof of qualification (SSLC or X std., HSC, UG&PG mark sheets & Degree certificates), Community certificate and Service certificate (if any).

Note: Full-time SC/ST candidates should produce original community certificate at the time of admission for claiming Tuition fee exemption.

8.2 Photocopies of curriculum, syllabi of the courses undertaken, mark sheets, certificate from the institution regarding mode of the programme, conduct of classes and evaluation in the case of candidates awarded degree other than the Universities listed in Annexure III and the degrees obtained not under Regular mode should be sent directly to “**The Director (Academic Courses), Anna University for obtaining Course Equivalence.**”

8.3 Photocopy of appointment order (If any)

8.4 A brief one page write up on the Research topic chosen and duly signed by the suggested Supervisor, Joint Supervisor, if any and the candidate.

8.5 Four self-addressed covers stamped to the value of Rs.5/- (Rupees Five only) each.

9.0 SUBMISSION OF APPLICATIONS

Completed application form in all aspect and data sheet with all enclosures securely stitched to it should be sent to The Director, Centre for Research, Anna University, Chennai – 600 025 so as to reach on or before **20.04.2012 at 05.45 p.m.** A demand draft drawn in favour of “**THE DIRECTOR (RESEARCH), ANNA UNIVERSITY**” payable at Chennai for Rs.600/- (Rupees Six hundred only) for general category or for Rs.300/- (Rupees three hundred only) for Tamil Nadu SC/ST Candidates should be enclosed along with the completed application.

Applications received after the due date or without the prescribed demand draft and other documents or incompletely filled-in application will be summarily rejected.

10. Hostel Accommodation is not available.

**ATTENTION TO THE CANDIDATES AND SUPERVISORS (OTHER THAN
UNIVERSITY DEPARTMENTS) WORKING IN GOVT./GOVT. AIDED/
SELF-FINANCING ENGINEERING COLLEGES IN TAMIL NADU.**

1. Candidates working in Govt./Govt. Aided/University Colleges of Engineering/Self-financing Engineering Colleges/Architecture Schools within Tamil Nadu can apply under Part-time mode.
2. Recognized supervisors from Govt./Govt. aided Engineering Colleges within Tamil Nadu (as given in **Annexure I** sec I to III) are permitted to guide the scholars.
3. Recognized supervisors from the recognized Departments of Self-financing Engineering Colleges (as given in **Annexure I sec IV**) are also permitted to guide the scholars.
4. The recognized supervisors list is given in the website www.annauniv.edu/research/supervisor.php
5. The scholars will be governed by the Ph.D./M.S.(By Research) Regulations (R-2010) of this University.
6. The written test followed by interview will be held in the University Departments only.

IMPORTANT NOTE

THE APPLICATION SUBMITTED WITH THE CONSENT OF THE RECOGNIZED SUPERVISOR WHO IS ALREADY GUIDING THE MAXIMUM NUMBER OF Ph.D./M.S. (BY RESEARCH) SCHOLARS PRESCRIBED BY THIS UNIVERSITY WILL BE SUMMARILY REJECTED AND NO CORRESPONDENCE WILL BE MADE.

INCOMPLETE APPLICATION WITH REGARD TO THE DOCUMENTS MENTIONED UNDER COLUMN 8.0 WILL NOT BE CONSIDERED AND NO CORRESPONDENCE WILL BE MADE TO GET THE INSUFFICIENT DETAILS FROM THE APPLICANT.

CANDIDATES SEEKING ADMISSION UNDER PART-TIME MODE FROM THE ORGANIZATIONS/INDUSTRIES WHICH ARE NOT RECOGNIZED AS RESEARCH CENTRES OF THIS UNIVERSITY WILL BE REJECTED AND NO FURTHER CORRESPONDENCE WILL BE ENTERTAINED.

ADMISSION FOR CANDIDATES WHO COME UNDER CLAUSE 8.2 WILL BE SUBJECTED TO THE ISSUE OF COURSE EQUIVALENCE CERTIFICATE BY “THE DIRECTOR (ACADEMIC COURSES)”, ANNA UNIVERSITY.

APPLICATION SUBMITTED WITHOUT THE CONSENT OF THE RECOGNIZED SUPERVISOR FROM RECOGNIZED DEPARTMENT OF THIS UNIVERSITY WILL BE SUMMARILY REJECTED AND NO FURTHER CORRESPONDENCE WILL BE ENTERTAINED.

APPLICATION FEE OR EXCESS FEES PAID IF ANY, WILL NOT BE REFUNDED UNDER ANY CIRCUMSTANCES.

ANNEXURE I

DEPARTMENTS OF COLLEGES/ORGANIZATIONS/ INDUSTRIES RECOGNIZED AS RESEARCH CENTRE

SL.NO.	COLLEGES	DEPARTMENTS
I. UNIVERSITY DEPARTMENTS		
1.	College of Engineering Campus, Chennai - 25	Civil Engineering Mechanical Engineering Manufacturing Engineering Printing Technology Industrial Engineering Mining Engineering Electrical and Electronics Engineering Electronics and Communication Engg. Computer Science and Engineering Information Science & Technology Ramanujan Computing Centre Management Studies Mathematics Physics Medical Physics Chemistry English Media Sciences Geology
2.	A.C.College of Technology Campus Chennai – 25	Chemical Engineering Applied Science and Technology Textile Technology Leather Technology Ceramic Technology Biotechnology
3.	Madras Institute of Technology Campus Chromepet, Chennai – 44	Aeronautical Engineering Automobile Engineering Production Engineering Instrumentation Engineering Electronics Engineering Information Technology Computer Technology Rubber and Plastic Technology
4.	School of Architecture & Planning Campus, Chennai - 25	Architecture Planning

II. GOVERNMENT ENGINEERING COLLEGES		
5.	Government College of Technology Coimbatore.	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Electronics and Instrumentation Engineering Computer Science and Engineering Mathematics / Physics / Chemistry / English
6.	Government College of Engineering, Salem.	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Metallurgy Mathematics / Physics / Chemistry / English
7.	A.C. College of Engineering and Technology, Karaikudi.	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Geology Mathematics / Physics / Chemistry / English
8.	Government College of Engineering, Tirunelveli.	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Mathematics / Physics / Chemistry / English
9.	Thanthai Periyar Government Institute of Technology, Vellore.	Civil Engineering Mechanical Engineering Electronics and Communication Engineering
10.	Government College of Engineering Bargur.	Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering
III. GOVERNMENT AIDED ENGINEERING COLLEGES		
11.	PSG College of Technology, Coimbatore	Civil Engineering Mechanical Engineering Production Engineering Automobile Engineering Energy Metallurgy and Materials Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Textile Technology Mathematics/Physics/Chemistry/ English Management Sciences

12.	Coimbatore Institute of Technology, Coimbatore	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Chemical Engineering Mathematics/Chemistry
13.	Thiagarajar College of Engineering, Madurai	Civil Engineering Mechanical Engineering Production Engineering Industrial Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Mathematics/Physics/Chemistry
IV. SELF FINANCING ENGINEERING COLLEGES		
1.	Arunai Engineering College, Tiruvannamalai	Mechanical Engineering Electrical and Electronics Engineering Computer Science and Engineering
2.	Adhiparasakthi Engineering College Melmaruvathur	Chemistry Physics
3.	Adhiyaman College of Engineering, Hosur	Civil Engineering Electronics and Communication Engineering
4.	Bannari Amman Institute of Technology, Sathyamangalam	Mechanical Engineering Electronics and Communication Engineering Electrical & Electronics Engineering Textile & Fashion Technology
5.	Dr.Mahalingam College of Engineering and Technology, Pollachi	Mechanical Engineering
6.	Easwari Engineering College, Ramapuram, Chennai.	Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Chemistry Mathematics
7.	G.K.M.College of Engineering & Technology, New perungalathur, Chennai.	Computer Science and Engineering Physics Chemistry
8.	Gnanamani College of Technology, Namakkal	Chemistry
9.	Institute of Road & Transport Technology, Erode	Civil Engineering Mechanical Engineering
10.	Jerusalem College of Engineering, Pallikaranai.	Electrical and Electronics Engineering
11.	J.J. College of Engineering & Technology, Tiruchirappalli	Mechanical Engineering
12.	K.S.R College of Engineering & Technology, Tiruchengode	Computer Science and Engineering

13.	Kongu Engineering College, Erode	Civil Engineering Mechanical Engineering Electrical and Electronics Engineering Computer Science and Engineering Chemical Engineering Mathematics Physics Chemistry
14.	Kumaraguru College of Technology, Coimbatore – 641 006	Civil Engineering Mechanical Engineering Textile Technology
15.	Kamaraj College of Engineering & Technology, Virudhunagar.	Biotechnology Polymer Technology
16.	Misrimal Navajee Munoth Jain Engineering College, Thorapakkam, Chennai – 96.	Computer Science and Engineering
17.	Mepco Schlenk Engineering College, Sivakasi	Civil Engineering Mechanical Engineering Physics
18.	MAM College of Engineering, Tiruchirappalli	Mechanical Engineering Electrical and Electronics Engineering Management Studies
19.	National Engineering College, Kovilpatti	Mechanical Engineering Electronics and Communication Engineering Computer Science and Engineering Chemistry
20.	PSNA College of Engineering, Dindugal – 624 622.	Electronics and Communication Engineering
21.	Rajalakshmi Engineering College, Chennai	Mechanical Engineering Electrical and Electronics Engineering Computer Science and Engineering Electronics and Communication Engineering Biotechnology Chemistry
22.	RMK Engineering College, Kavaraipettai	Mechanical Engineering Electrical and Electronic Engineering Electronics and Communication Engineering Computer Science and Engineering
23.	Sona Engineering College, Salem	Mechanical Engineering Chemistry
24.	Sri Krishna College of Engineering & Technology, Coimbatore	Mechanical Engineering Electronics & Communication Engineering Chemistry
25.	Sri Ramakrishna Engineering College, Coimbatore	Electrical & Electronics Engineering

26.	Sri Venkateswara College of Engineering, Sriperumbudur.	Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Physics Chemistry Humanities & Social Sciences (English)
27.	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam	Electrical and Electronics Engineering Electronics and Communication Engineering Computer Science and Engineering Information Technology Mathematics Physics Chemistry
28.	St. Joseph's College of Engineering Old Mamallapuram Road, Chennai – 119.	Electrical and Electronics Engineering Computer Science and Engineering Electronics and Communication Engineering
29.	S.A. Engineering College Chennai – 600 077.	Mechanical Engineering
30.	St. Xavier's Catholic College of Engineering, Nagercoil – 629 003.	Mechanical Engineering Electrical and Electronics Engineering Electronics and Communication Engineering
31.	Velammal Engineering College, Chennai – 600 066.	Mechanical Engineering Electrical and Electronics Engineering Mathematics Physics Chemistry
32.	Valliammai Engineering College Kattankulathur – 603 203.	Chemistry

V. INDUSTRIES / RESEARCH ORGANIZATIONS

SL.NO.	INDUSTRIES/ORGANIZATIONS	DEPARTMENTS
1.	Advanced Data Processing Research Institute (ADRIN), Secunderabad.	R & D
2.	Ashok Leyland Limited, Technical Centre, Vellivoyal Chavadi, Chennai – 103.	R&D
3.	Agricultural Engineering Department, Nandanam, Chennai.	R&D
4.	Aeronautical Development Agency, P.B.No.1718, Vimanapura Post, Bangalore.	R & D
5.	Apollo Hospitals, Chennai – 06.	Radiology & Imaging Sciences
6.	Carborundum Universal Ltd., Chennai	Material Science
7.	Central Electrochemical Research Institute (CECRI), Chennai Unit, Taramani, Chennai – 113.	R & D

8.	Central Electronics Engineering Research Institute (CEERI), Taramani, Chennai – 113.	R & D
9.	Central Institute of Plastic Engineering and Tech., (CIPET), Chennai	R & D
10.	Centralised Waste Management Facility, Kalpakkam.	R & D
11.	Centre for Development of Advanced Computing (CDAC), Vellayambalam, Thiruvananthapuram – 695 033. (Formerly ER & DCI)	R & D
12.	Centre for Manufacturing Research & Technology Utilization (CMRTU) R.V. College of Engg. Campus, Mysore Road, Bangalore – 560 059.	R & D
13.	Chennai Metropolitan Water Supply & Sewrage Board, Chennai	R & D
14.	Chennai Petroleum Corporation Ltd., Chennai	R & D
15.	Combat Vehicles research & Development Establishment (CVRDE), DRDO, Avadi, Chennai – 54.	R & D
16.	Crompton Greaves Ltd., Mumbai	R & D (Electrical Engineering)
17.	Centre for Fuel Cell Technology, Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) Taramani, Chennai – 600 113.	R & D
18.	Corporation of Chennai, Ripon Buildings, Chennai – 103.	R & D (Civil Engineering)
19.	Central Physics Facility Healthcare Global Enterprises Ltd., Koramangala, Bangalore – 560 034.	R & D (Medical Physics)
20.	DIGISCAPE, Nungambakkam, Chennai – 34	R & D
21.	Dow Chemical International Pvt. Ltd., Guindy, Chennai – 600 032.	R & D (Chemical Engineering, Chemistry)
22.	Defence Bioengineering & Electromedical Laboratory (DEBEL), Bangalore – 560 093.	R & D (Biomedical Engineering)
23.	F.L.Smith Ltd.(formerly Fuller India Ltd) Chennai.	R & D
24.	Honeywell Technology Solutions Lab, Madurai.	R & D (Computer Science & Engineering)
25.	International Institute of Biotechnology and Toxicology (IIBAT), Padappai, Chennai (Formerly FIPPAT)	R & D

26.	Integrated Coastal and Marine Area Management, Pallikaranai, Chennai.	R & D (Coastal & Marine Area Management)
27.	IBM India Pvt. Ltd., Bangalore – 560 071.	R & D (India Systems Technology Lab)
28.	JSW Steel Limited (Formerly Southern Iron and Steel Company Limited), Mettur, Salem	Metallurgy & Materials Sciences
29.	K.J.Hospital, Research and Post Graduate Centre, Chennai – 64.	Bio – Physics and Medical Physics
30.	KOB Medical Textiles Pvt. Ltd Palladam, Coimbatore.	Medical Textiles
31.	Loyola Institute of Business Administration, Loyola College, Chennai – 34.	Management Business Administration
32.	Lucas TVS Ltd., Chennai	Manufacturing and Management
33.	Larsen & Toubro Limited (ECC Division), Manapakkam, Chennai – 89.	R & D (Civil Engineering)
34.	M.S.Swaminathan Rsearch Foundation, Taramani.	R & D
35.	Madras School of Economics, Chennai – 25.	Economics
36.	Malladi Drugs & Pharmaceuticals Limited, Thirumazhisai, Tiruvallur – 602 107.	Synthetic Organic Chemistry
37.	National Metallurgical Laboratory, Madras Centre, Taramani, Chennai – 113	R & D
38.	National Institute of Technical Teachers Training and Research, Taramani.	R & D
39.	NITRA, Ghaziabad – 201 002	Textile Technology
40.	Nokia Siemens Networks India Private Limited, M.G.Road, Bangalore – 01.	R & D
41.	National Institute for Interdisciplinary Science & Technology (Formerly Regional Research Laboratory (CSIR), Academic Programme Committee), Trivandrum.	R & D
42.	Orchid Chemicals & Pharmaceuticals Limited, Chennai	R & D
43.	Piramal Healthcare Ltd.(Formerly Nicholas Piramal India Ltd.) Ennore, Chennai – 57.	R & D (Chemistry)
44.	Paterson Cancer Centre Chennai – 600 026.	R & D [Physics (Oncology)]
45.	Quality Assurance and Research (Highways Department), Chennai – 600 032.	R & D
46.	Rajiv Gandhi Memorial Telecom Centre Meenambakkam, Chennai – 600 027.	R & D (Communication Engineering, Management Studies)
47.	Shasun Chemicals and Drugs Ltd Chennai – 42.	Organic Chemistry & Analytical Chemistry
48.	Society for Applied Microwave Electronics & Engineering Research (SAMEER), Taramani, Chennai – 113.	R & D

49.	South India Textile Research Association, Coimbatore.	Textile Technology
50.	Structural Engineering Research Centre (SERC) Madras, Taramani, Chennai -113.	R & D
51.	Siemens Building Technologies Private Ltd. Pallikaranai, Chennai – 600 100.	R & D (ECE & CSE)
52.	SRF Limited, Manali, Chennai.	R & D (Chemistry)
53.	Tamil Nadu Electricity Board (TNEB), Chennai – 02	R & D (Electrical, Mechanical, ECE, IT)
54.	Tamil Nadu Pollution Control Board, Chennai – 32.	R & D
55.	The Institute of Mathematical Sciences, Taramani, Chennai – 113.	R & D
56.	The Institute of Road Transport, Taramani, Chennai – 113.	Traffic,Urban,Civil and Mechanical
57.	Tuberculosis Research Centre, Ch – 31	R & D
58.	Tamilnadu Newsprint and Papers Ltd., Karur	R & D (Printing)
59.	Vehicle Research & Development Establishment (VRDE) Ahmednagar, Maharashtra.	R & D (Mechanical Engineering)
60.	Vestas Technology R&D Chennai Pvt. Ltd., Sholinganallur, Chennai – 600 119.	R & D (Energy Studies)
61.	Wipro Technologies Sholinganallur, Chennai – 600 119.	R&D

ANNEXURE II

FACULTY FOR THE AWARD OF THE DEGREE

Sl.No.	Faculty	Departments of University/ Affiliated Colleges	Subjects of Study
1.	Civil Engineering	Department of Civil Engineering	Civil Engineering including Structural Engineering, Construction Engineering and Management, Irrigation Water Management, Hydrology and Water Resources Engineering, Environmental Engineering & Management, Transportation Engineering, Soil Mechanics and Foundation Engineering, Water Resources Engineering & Management, Soil Mechanics, Urban Engineering, Geo informatics, Remote Sensing, Ocean Management, Port Management, Highway Engineering, Climate change
2.	Mechanical Engineering	Department of Mechanical Engineering Department of Manufacturing Engineering Department of Aerospace Engineering. Department of Automobile Engineering Department of Production Technology	Mechanical Engineering including Thermal Engineering, Energy Engineering, Engineering Design, Product Design and Development, CAD/CAM, Material Science and Engineering, Internal Combustion Engineering, Refrigeration & Air-Conditioning, Computer Integrated Manufacturing, Metallurgy Manufacturing Engineering Aeronautical Engineering Automobile Engineering Production Engineering, Mechatronics

		Department of Printing Technology	Printing Technology
		Department of Industrial Engineering	Operations Research, Industrial Engineering & Quality Engineering
		Department of Mining Engineering	Mining Engineering
3.	Electrical Engineering	Department of Electrical and Electronics Engineering	Electrical and Electronics Engineering including Power Systems Engineering, High Voltage Engineering, Power Electronics and Drives, Embedded Control Systems, Control and Instrumentation, Embedded System Technologies.
		Department of Instrumentation Engineering	Instrumentation, Electronics and Instrumentation Engineering.
4	Information and Communication Engineering	Department of Electronics and Communication Engineering/ Department of Electronics Engineering.	Electronics and Communication Engineering including Applied Electronics, Medical Electronics, Optical Communication, Communication System, VLSI Design, Avionics, Bio-Medical Engineering, Communication and Network, Laser and Electro Optical Engineering.
		Department of Computer Science and Engineering	Computer Science and Engineering Multimedia Technology, Software Engineering
		Department of Information Technology	Information Technology, Convergent Technology.
5.	Technology	Department of Chemical Engineering	Chemical Engineering, Polymer Technology, Petroleum Refining and Petrochemicals, Food Technology, Polymer Science and Engineering, Chemical and Electrochemical Engineering, Sugar Engineering, Environmental Science & Technology.
		Department of Rubber & Plastics	Rubber and Plastics Technology

		<p>Department of Textile Technology</p> <p>Department of Ceramic Technology</p> <p>Department of Leather Technology</p> <p>Centre for Biotechnology/ Department of Biotechnology</p>	<p>Textile Technology including Textile Chemistry</p> <p>Ceramic Technology.</p> <p>Leather Technology including Footwear Science and Engineering.</p> <p>Industrial Biotechnology, Bioinformatics, Genomics and Proteomics, Bio-Pharmaceutical Technology, Food Technology.</p>
6.	Architecture and Planning	<p>Department of Architecture.</p> <p>Department of Planning.</p>	<p>Architecture including Digital Architecture, Landscape Architecture.</p> <p>Town Planning.</p>
7.	Science and Humanities	<p>Department of Mathematics</p> <p>Department of Physics</p> <p>Department of Chemistry</p> <p>Department of English</p> <p>Department of Geology</p> <p>Department of Media Sciences</p>	<p>Mathematics including Computer Science / Computer Applications</p> <p>Physics including Material Science, Medical Physics and Crystal Growth.</p> <p>Chemistry, Polymer Science</p> <p>English, Other Foreign Languages, Economics</p> <p>Various disciplines of Geology</p> <p>Library and information Sciences, Electronic media and informatics</p>
8.	Faculty of Management Sciences	Department of Management Studies	Various disciplines of Management studies

ANNEXURE – III
COURSE EQUIVALENCE

Candidates who obtained the eligible degree in regular mode from Tamil Nadu Government established State Universities, Central Universities, IITs, NITs, IISc and IIMs are considered as equivalent to Anna University Degree.

Further, the following Degrees obtained in **Regular Mode** of the Universities mentioned below are considered as equivalent to Anna University Degree.

ALLAHABAD UNIVERSITY
M.E-PRODUCTION ENGINEERING
M.E-INFORMATION ENGINEERING
ALLAHABAD AGRICULTURAL INSTITUTE
M.TECH – INFORMATION TECHNOLOGY
ANDHRA UNIVERSITY
M.SC – HUMAN GENETICS
M.SC – GEOPHYSICS
AVINASHILINGAM UNIVERSITY, COIMBATORE
M.SC – BIOTECHNOLOGY
M.SC – MATHS
M.SC – TEXTILE AND CLOTHING
M.SC – ENERGY SCIENCE
M.SC – BIO-TEXTILES
M.SC – BIOCHEMISTRY
M.SC – CHEMISTRY
AMRITA UNIVERSITY, COIMBATORE
M.TECH – VLSI DESIGN
B.TECH – ELECTRICAL AND ELECTRONICS ENGINEERING

AMIET UNIVERSITY, CHENNAI
MBA – SHIPPING AND LOGISTIC MANAGEMENT
AMITY UNIVERSITY, UTTAR PRADESH
M.SC - BIOTECHNOLOGY
BANARAS HINDU UNIVERSITY
M.SC – CHEMISTRY
M.SC – BIO CHEMISTRY
BANASTHALI VIDYAPITH UNIVERSITY, RAJASTHAN
M.SC – BIO INFORMATICS
BUNDELKHAND UNIVERSITY, JHANSI
M.CA
BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ROURKELA
M.TECH – PLASTIC ENGINEERING
BIRLA INSTITUTE OF TECHNOLOGY, RANCHI
M.E – SPACE ENGINEERING AND ROCKETRY
BANGALORE UNIVERSITY
M.E – WATER RESOURCE AND ENGINEERING
M.E – MACHINE DESIGN
M.E – ELECTRICAL AND ELECTRONICS ENGINEERING
M.E – MECHANICAL ENGINEERING
M.E – BIO CHEMISTRY
M.SC – APPAREL TECHNOLOGY AND MANAGEMENT
M.A. – ENGLISH
BERHAMPUR UNIVERSITY
MASTER OF JOURNALISM AND MASS COMMUNICATION
M.SC – MARINE SCIENCES OCEANOGRAPHY
M.SC – CHEMISTRY

BHARATH UNIVERSITY
M.TECH – INFORMATION TECHNOLOGY
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – MACHINE DESIGN
M.TECH – COMPUTER AIDED DESIGN
M.TECH – INDUSTRIAL BIOTECHNOLOGY
M.TECH – VLSI DESIGN
MBA
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
M.TECH – ELECTRONICS (I & C)
M.TECH – COMPUTER AND INFORMATION SCIENCES
M.SC – BIO TECHNOLOGY
M.SC – HYDRO CHEMISTRY
M.SC – MARINE GEOPHYSICS
M.SC – MARINE BIOLOGY
DEVI AHILYA UNIVERSITY
M.TECH – EMBEDDED SYSTEMS
M.SC – INDUSTRIAL MICROBIOLOGY
DR.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE (DEEMED UNIVERSITY)
M.TECH – APPLIED ELECTORNICS
M.TECH – CAD/CAM
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – COMMUNICATION SYSTEMS
M.TECH – COMPUTER SYSTEM AND NETWORKING
M.TECH – INDUSTRIAL ENGINEERING
M.TECH – NETWORK COMMUNICATION AND SECURITY
M.TECH – CHEMICAL TECHNOLOGY
M.SC – BIOTECHNOLOGY
M.PHARMACY

FOREST RESEARCH INSTITUTE UNIVERSITY, DEHRA DUN
M.Sc – ENVIRONMENT MANAGEMENT
GULBURGA UNIVERSITY
M.E – COMPUTER SCIENCE
M.SC – BIOTECHNOLOGY
HEMWATI NANDHAN BAHUGUNA GARHWAL UNIVERSITY
M.SC – ZOOLOGY
HINDUSTAN UNIVERSITY, PADUR
M.E. – AVIONICS (under MECHANICAL ENGINEERING)
M.E. – COMPUTER SCIENCE AND ENGINEERING
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MBA – HUMAN RESOURCES MANAGEMENT
MBA – MARKETING MANAGEMENT
INSTITUTE OF ADVANCED STUDIES IN EDUCATION GANDHI VIDYA MANDIR, SARDARSHAHR
M.SC – BIOINFORMATICS
ILLINOIS UNIVERSITY
M.S. – ENGINEERING
M.S. – COMPUTER SCIENCE
INDIAN SCHOOL OF MINES UNIVERSITY
M.TECH – OPENCAST MINING
INSTITUTE OF RURAL MANAGEMENT, ANAND, GUJARAT
PGDRM (under SCIENCE AND HUMANITIES)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – HEAT POWER REF AND AC
M.TECH – ENVIRONMENTAL MANAGEMENT (under Civil Engineering)
M.TECH – EMBEDDED SYSTEMS
M.SC – PHYSICS

JADAVPUR UNIVERSITY
M.E – COMPUTER SCIENCE & ENGINEERING
M.E – ELECTRICAL ENGINEERING
M.E – MULTIMEDIA DEVELOPMENT
M.E – BIO MEDICAL ENGINEERING
M.ARCH.
KARUNYA UNIVERSITY, COIMBATORE
M.E – POWER ELECTRONICS AND DRIVES
M.E. – STRUCTURAL ENGINEERING
KANPUR UNIVERSITY
M.TECH – PLASTICS
KANNUR UNIVERSITY, KERALA
M.SC – CHEMISTRY
M.SC – MICROBIOLOGY
MBA
KARANATAKA UNIVERSITY
M.E – PRODUCTION ENGINEERING
KAKATIYA UNIVERSITY, WARANGAL
M.TECH – STRUCTURAL ENGINEERING
M.TECH – ELECTRONICS INSTRUMENTATION
M.SC – GEOLOGY
KALASALINGAM UNIVERSITY, KRISHNANKOIL
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – INFORMATION TECHNOLOGY
M.TECH – NETWORK ENGINEERING

MANIPAL ACADEMY OF HIGHER EDUCATION
M.TECH – BIO MEDICAL
M.TECH – DIGITAL ELECTRONICS
M.TECH – COMPUTER SCIENCE & ENGINEERING
MANIPAL UNIVERSITY
M.SC – MEDICAL BIOTECHNOLOGY
MAHATAJA SAYAJIRAO UNIVERSITY OF BARODA, VADODARA
M.E – GEOTECH
M.E – INDUSTRIAL
M.A – LINGUISTICS
MYSORE UNIVERSITY
M.U.R.P – PLANNING
MAHARAJA SAYAJIRAO UNIVERSITY, BARODA
M.E – ELECTRICAL ENGINEERING
MAHATMA GANDHI UNIVERSITY, KERALA
M.TECH – PRODUCTION AND INDUSTRIAL ENGINEERING
MASTER OF ENVIRONMENTAL MANAGEMENT (under Science & Humanities)
M.C.A
M.SC – PHYSICS
M.SC – CHEMISTRY
MORGAN STATE UNIVERSITY
M.E. – ELECTRICAL ENGINEERING
MANGALORE UNIVERSITY
M.TECH – DIGITAL ELECTRONICS AND ADVANCED COMMUNICATIONS
M.TECH – INDUSTRIAL STRUCTURE

MAKHANLAL CHATURVEDI NATIONAL UNIVERSITY OF JOURNALISM AND COMMUNICATION, BHOPAL
M.A – BROADCAST AND JOURNALISM
MUZAFFARPUR INSTITUTE OF TECHNOLOGY, BIHAR
B.SC – LEATHER TECHNOLOGY under Technology
NAGARJUNA UNIVERSITY
M.SC – PHYSICS
NAGPUR UNIVERSITY
M.TECH – CHEMICAL TECHNOLOGY
M.SC – ENVIRONMENTAL SCIENCE
OSMANIA UNIVERSITY, HYDERABAD
M.E. – MECHANICAL ENGINEERING
M.E. – POWER SYSTEMS
M.A – ENGLISH
M.SC – INFORMATION SYSTEMS
PUNJABI UNIVERSITY, PATIALA
M.TECH – INFORMATION TECHNOLOGY
PUNJAB TECHNICAL UNIVERSITY, JALANDHAR
M.TECH – INDUSTRIAL ENGINEERING
RAJIV GANDHI TECHNICAL UNIVERSITY (MAULANA AZAD COLLEGE OF TECHNOLOGY), BHOPAL
M.TECH – DESIGN AND PRODUCTION ENGINEERING (ELECTRICAL)
M.TECH – STRESS AND VIBRATION ANALYSIS OF MACHINERY AND STUCTURE (CIVIL ENGINERING)
M.TECH – DIGITAL COMMUNICATION
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL
M.TECH – BIOTECHNOLOGY

SRI VENKATESHWARA UNIVERSITY
M.TECH – CHEMICAL ENGINEERING
M.SC – PHYSICS
SCHOOL OF PLANNING & ARCH., NEW DELHI
M.PLAN – URBAN PLANNING
SHANMUGA ARTS, SCIENCE, TECHNOLOGY & RESEARCH ACADEMY (SASTRA UNIVERSITY)
M.TECH – EMBEDDED SYSTEMS
M.TECH- COMPUTER SCIENCE & ENGINEERING
M.TECH – CONTROL SYSTEMS AND INSTRUMENTATION
M.TECH – VLSI DESIGN
M.TECH – THERMAL PLANT ENGINEERING
M.TECH – POWER ELECTRONICS AND DRIVES
M.TECH – BIOINFORMATICS
M.TECH – ADVANCED COMPUTING
M.TECH – INDUSTRIAL BIOTECHNOLOGY
M.TECH – STRUCTURAL ENGINEERING
M.TECH – HIGH VOLTAGE ENGINEERING
M.TECH – POWER SYSTEMS
M.TECH – ADVANCED COMMUNICATION SYSTEM
M.TECH – NANO TECHNOLOGY
M.TECH – INDUSTRIAL BIOTECHNOLOGY (5 year integrated degree)
M.TECH – MEDICAL NANOTECHNOLOGY
M.SC – BIOTECHNOLOGY
SATHYABAMA UNIVERSITY
M.E – APPLIED ELECTRONICS
M.E. – COMPUTER SCIENCE AND ENGINEERING
M.E.- COMPUTER AIDED DESIGN (CAD)
M.E – THERMAL ENGINEERING

M.E – POWER ELECTRONICS & INDUSTRIAL DRIVES
M.E. – ENVIRONMENTAL ENGINEERING (CIVIL ENGINEERING)
M.E. – STRUCTURAL ENGINEERING
M.TECH – INFORMATION TECHNOLOGY
M.TECH – BIOTECHNOLOGY
M.E. – ELECTRONICS AND CONTROL ENGINEERING under EEE
M.SC – BIOTECHNOLOGY
SRI RAMACHANDRA UNIVERSITY
M.SC – BIOTECHNOLOGY
M.SC – BIO-INFORMATICS
M.SC – HUMAN GENETICS
SRM UNIVERSITY
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – CHEMICAL ENGINEERING
M.TECH – BIOTECHNOLOGY
M.TECH – VLSI DESIGN
M.TECH – SOFTWARE ENGINEERING
M.TECH – STRUCTURAL ENGINEERING
M.TECH – COMMUNICATION SYSTEMS
M.TECH – EMBEDDED SYSTEM AND TECHNOLOGY
M.TECH – POWER ELECTRONICS AND DRIVE
M.TECH – POWER ELECTRONICS AND DRIVE
M.SC – BIOTECHNOLOGY AND BIOINFORMATICS
M.SC – BIOTECHNOLOGY
B.TECH – BIOTECHNOLOGY
B.TECH – BIOINFORMATICS under Technology
ST. PETER’S UNIVERSITY
M.E – COMPUTER SCIENCE AND ENGINEERING

SAMBALPUR UNIVERSITY
M.E – ELECTRONICS SYSTEMS AND COMMUNICATION
SARDAR PATEL UNIVERSITY
M.SC – MICROBIOLOGY
SHIVAJI UNIVERSITY
MASTER OF ENVIRONMENTAL MANAGEMENT
SAVEETHA UNIVERSITY
M.SC – BIOMATERIALS
SCHOOL OF COMMUNICATION AND MANAGEMENT STUDIES, COCHIN
POST GRADUATE DIPLOMA IN MANAGEMENT
SRI PADMAVATI MAHILA VISVAVIDYALAYAM, TIRUPATI
M.SC – BIOTECHNOLOGY
SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI
M.PLAN
TEZPUR UNIVERSITY, ASSAM
M.SC - PHYSICS
UNIVERSITY OF PUNE
M.TECH – MODELING AND SIMULATION (SCIENCE & HUMANITIES)
M.E. – MECHANICAL (COMBAT VEHICLE)
U.P.TECHNICAL UNIVERSITY, LUCKNOW
M.E – COMPUTER SCIENCE AND ENGINEERING
UNIT
M.TECH – POWER SYSTEMS
UNIVERSITY OF MYSORE, MYSORE
M.S. COMPUTER SYSTEM under Science and Humanities

UNIVERSITY OF BOMBAY
M.E – AUTOMOBILE ENGINEERING
MMM – MANAGEMENT
M.SC – PHYSICS
UNIVERSITY OF KERALA
M.TECH – ELECTRICAL MACHINES
M.TECH – MECHANICAL (M/C DESIGN)
M.TECH – STRUCTURAL ENGINEERING
M.TECH – MICROWAVED ENGINEERING
M.TECH – APPLIED ELECTRONICS AND INSTRUMENTATION
M.TECH – MECHANICAL ENGINEERING
MASTER OF HOUSING – ARCHITECTURE
M.SC – PHYSICS
UNIVERSITY OF CALICUT
M.TECH – ELECTRICAL POWER SYSTEMS
M.SC – MEDICAL PHYSICS
M.SC – APPLIED GEOLOGY
M.SC – PHYSICS
M.SC – CHEMISTRY
UNIVERSITY OF CALCUTTA
M.SC – ELECTRONIC SCIENCE.
M.SC – MARINE SCIENCES
M.TECH – INSTRUMENTATION AND CONTROL ENGINEERING
VINAYAKA MISSION’S UNIVERSITY, SALEM
M.E – INFORMATION TECHNOLOGY
M.E – ADVANCED COMMUNICATION SYSTEM
M.E – MANUFACTURING ENGINEERING
M.E – COMPUTER SCIENCE AND ENGINEERING

VISVESWARAIAH TECHNOLOGICAL UNIVERSITY, BELGAUM
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – COMPUTER APPLICATION IN INDUSTRIAL DRIVE
M.TECH – TEXTILE TECHNOLOGY
M.TECH – ENERGY SYSTEMS
M.TECH – DIGITAL COMMUNICATION
M.TECH – INDUSTRIAL ELECTRONICS (ELECTRICAL ENGINEERING)
M.TECH – PRODUCTION MANAGEMENT (MECHANICAL ENGG.)
M.TECH – BIOMEDICAL INSTRUMENTATION
VNIT, NAGPUR
M.TECH – INTEGRATED POWER SYSTEMS
VIDYASAGAR UNIVERSITY, WEST BENGAL
M.SC - BIOCHEMISTRY
VELLORE INSTITUTE OF TECHNOLOGY (VIT)
M.TECH – ENERGY SYSTEMS ENGINEERING
M.TECH – CAD/CAM
M.TECH – COMPUTER SCIENCE AND ENGINEERING
M.TECH – BIO MEDICAL ENGINEERING
M.TECH – CHEMICAL ENGINEERING
M.TECH – AUTOMOTIVE ENGINEERING
M.TECH – BIOTECHNOLOGY
M.TECH – POWER ELECTRONICS under EEE
M.TECH – NANOTECHNOLOGY
M.SC – BIOMEDICAL GENETICS
M.SC – BIOTECHNOLOGY
M.SC – PHYSICS
M.SC – CHEMISTRY
M.SC – PHARMACEUTICAL CHEMISTRY
WEST BENGAL UNIVERSITY OF TECHNOLOGY, KOLKATA
M.TECH – LEATHER TECHNOLOGY

CITY UNIVERSITY WA,USA
M.S – COMPUTER SYSTEMS
CALIFORNIA INSTITUTE OF TECHNOLOGY,USA
M.S – ELECTRICAL ENGINEERING (under I&C)
DELFT UNIVERSITY OF TECHNOLOGY, NETHERLANDS
M.Sc – COASTAL AND MARINE MANAGEMENT
GRIFFITH UNIVERSITY, AUSTRALIA
M.E. – ENVIRONMENTAL ENGINEERING
NEW JERSEY INSTITUTE OF TECHNOLOGY, USA
M.S.- INFORMATION SYSTEMS under I&C
OLD DOMINION UNIVERSITY, USA
M.S – COMPUTER SCIENCE (I&C)
QUEENSLAND UNIVERSITY OF TECHNOLOGY, AUSTRALIA
M.E – COMPUTER AND COMMUNICATION ENGINEERING
ROCHESTER INSTITUTE OF TECHNOLOGY, NEWYORK
M.S – COMPUTER SCIENCE
STANFORD UNIVERSITY
M.S – COMPUTER SCIENCE
STATE UNIVERSITY OF NEW YORK, USA
M.S. – AEROSPACE ENGINEERING
TEXAS A AND M UNIVERSITY
M.E – BIOLOGICAL AGRICULTURAL ENGINEERING
TRIBHUVAN UNIVERSITY-NEPAL
M.A – ECONOMICS
UNIVERSITY OF APPLIED SCIENCES, GERMANY
M.SC – ENERGY CONSERVATION AND MANAGEMENT

UNIVERSITY OF MOSUL
M.SC – CIVIL ENGINEERING
UNIVERSITY OF BARCELONA, SPAIN
M.S. – ENVIRONMENTAL ENGINEERING under Civil Engineering
UNIVERSITY OF MASSACHUSETTS, AMHERST
M.S. – FOOD ENGINEERING
UNIVERSITY OF REGINA, CANADA
M.E – INDUSTRIAL SYSTEMS ENGINEERING
UNIVERSITY OF NOTTINGHAM, UK
M.SC – APPLIED BIO-MOLECULAR TECHNOLOGY
UNIVERSITY OF SHEFFIELD, UK
M.SC – NANOMATERIALS FOR NANOENGINEERING
UNIVERSITY OF HUDDERSFIELD, UK
M.S – EMBEDDED SYSTEMS ENGINEERING under Electrical Engineering
UNIVERSITY OF BALLARAT, AUSTRALIA
M.S – INFORMATION SYSTEM (under Science & Humanities)
WICHITA STATE UNIVERSITY, USA
M.S - COMPUTER SCIENCE (I&C)
WESTERN MICHIGAN UNIVERSITY, USA
M.S IN ENGINEERING (COMPUTER) (I&C)
XIAMEN UNIVERSITY, CHINA
M.TECH – CHEMICAL ENGINEERING