



G.T.N. COLLEGE OF TECHNOLOGY

APPROVED AICTE NEW DELHI | AFFILIATED TO ANNA UNIVERSITY

G.T.N. Nagar, Old Karur Road, DINDIGUL - 624 005. Tamil Nadu.

Mobile No.: 9894081357, 7871633313

MANDATORY DISCLOSURE

1. Name of the Institution

Name of the Institution	G.T.N. College of Technology
Address of Institution	Old Karur Road, NS Nagar, Dindigul - 624 005. Tamil Nadu.
State	Tamilnadu
Phone Number	7871633313
E-mail	gtncollegeoftech@gmail.com

2. Name and address of the Trust/Society/Company and the Trustees

Name of the Trust running the Institution	GTN Narayanasamy Naidu Charitable Trust
Type of organization	Private - Self Financing
Address of the organization	Old Karur Road, NS Nagar, Dindigul - 624 005. Tamil Nadu.
Phone Number	7871633313
E-mail	gtncollege@yahoo.co.in

The Trustees

S.No	Name of the Trustee	Position
1.	Ln. Dr. K. Rethinam,	Chairman
2.	Dr. R. Durai Rethinam	Trustee/Director
3.	Mr.N.Markkandeyan	Managing Trustee
4.	Mr.V.Athi Narayanasamy	Trustee
5.	Mr.V.Narayanaraju	Trustee
6.	Mr.E.Dhanabal	Trustee
7.	Mr.S.Karthikeyan	Trustee
8.	Mr.S.Ramachandran	Trustee
9.	Dr.R.Sokkaiyan	Trustee

3. Name and Address of the Vice Chancellor/Principal/Director

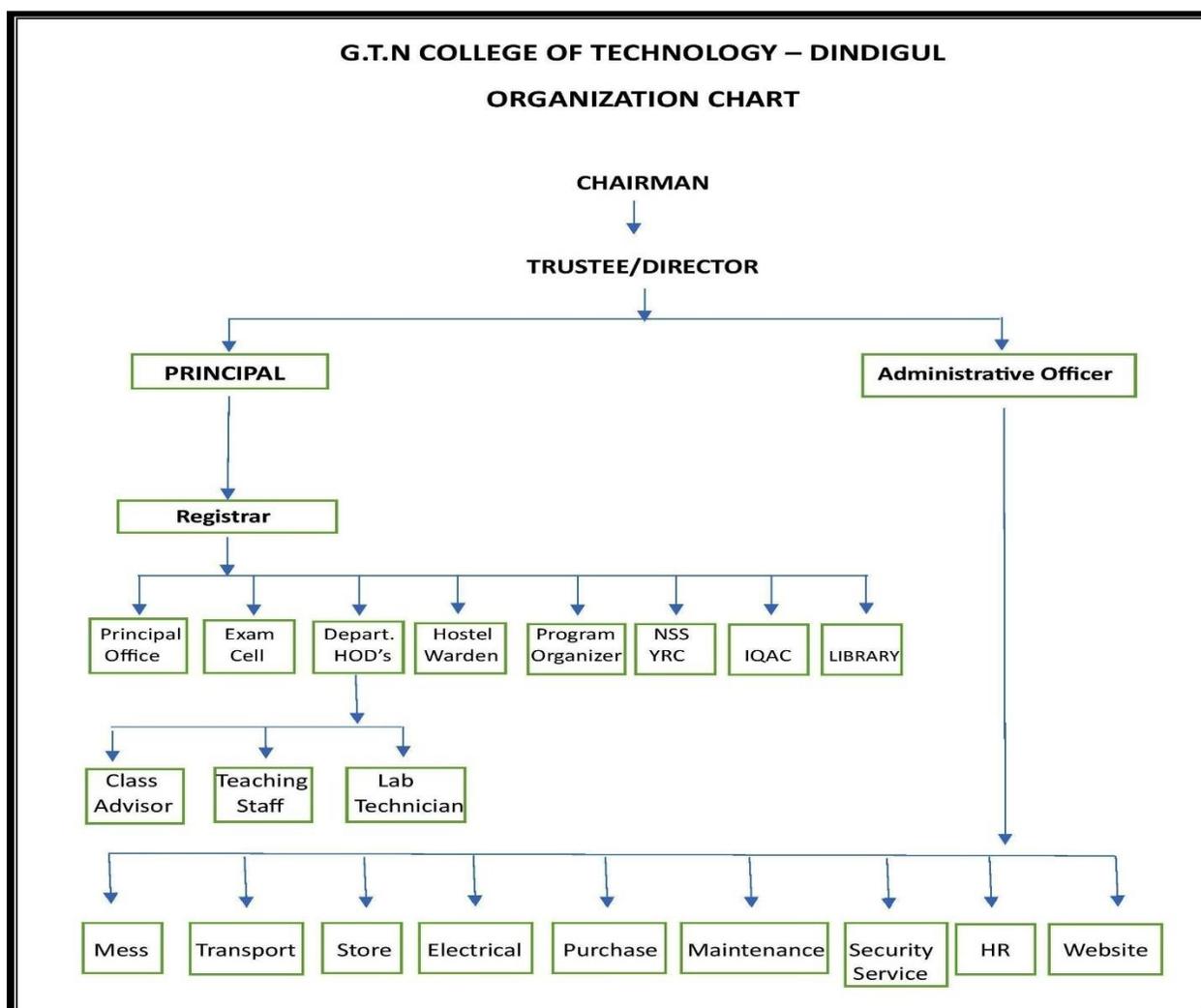
Name of Principal	Dr.C.G.RAVICHANDRAN
Exact Designation	Principal
Address	Old Karur Road, NS Nagar, Dindigul - 624 005. Tamil Nadu.
Mobile Number	98940 81357
E-mail	cgravichandran@gmail.com

4. Name of the affiliating University

Name of the affiliating University	Anna University, Chennai
Address	Anna University, Guindy, Chennai - 600 025.
Website	www.annauniv.edu
Latest affiliation period	2025-26

5. Governance

- Organization Chart



➤ Grievance Redressal mechanism for Faculty, staff and students

- i. Online Grievance Redressal System
- ii. Suggestion box available in all departments & Hostels Suggestions / Redressal reviewed in meetings and communicated to Principal for suitable action
- iii. Class Committee Meeting to review academics and other expectations / needs etc.
- iv. Periodical Students representative Meeting with Principal
- v. Effective functioning of Grievance Redressal cell
- vi. The college has a Grievance redressal committee for receiving complaints and grievances from students, faculty members and other staff members. Grievance redressal committee (GRC) is constituted as per the guidelines of AICTE and Anna University. The committee consists of 7 members with Principal as the Chairman of the committee.
- vii. Along with these two committees, students can also represent their problems in
 - a) Class committee meeting
 - b) Hostel meeting
- viii. Suggestion boxes are placed in prominent places to receive the grievances/complaint immediate steps are initiated to redress the grievances.
- ix. Students, faculty and staff have direct access to Principal/Management to represent their grievance if they have any difficulty.

• **Establishment of Anti Ragging Committee**

S. No.	Name	Present Designation/ Occupation	Mobile Number	E-mail ID
1.	Dr.C.G.Ravichandran	Principal	98940 81357	gtncollegeoftech@gmail.com
2.	Mr. P.Chinnakalai	Registrar	9585503292	registrar@gtnartscollege.ac.in
3.	Mrs. Sruthi Mohan	AO	9486165918	administrativeofficer@gtnartscollege.ac.in
4.	Dr.I Athal/	Assistant Professor/ Coordinator	8248597290	athalthesis@gmail.com
5.	Mrs.P.Vijayalaksmi/	Assistant Professor/ Member	8825669403	vijibharathi2020@gmail.com
6.	Mr.J.Srinivasan	Assistant Professor/ Member	7810045772	Srineyan2004@gmail.com
7.	Mrs.G.Durga Devi	Assistant Professor/ Member	9500456708	durgaganesan90@gmail.com

- **Establishment of Online Grievance Redressal Mechanism:**
 - Online Grievance Redressal Mechanism is available (<https://www.gtncollegeoftechnology.ac.in/grievance-redressal-form/>) and it is looked into by the Grievance Redressal Committee.
- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**
 - Established

S.No.	Name	Position	Present Designation / Occupation
1.	Dr.C.G.Ravichandran	Chairperson	Principal
2.	Mr.P.Chinnakalai	Coordinator	Registrar
2.	Dr. S.Muthukumaran	Member	Professor/ECE
3.	Mr. M.Balaji	Member	Associate Professor/Mech.
4.	P. Vijayalakshmi	Member	Assistant Professor/Maths
5.	Mrs.Ladha	Member	Deputy warden, Girls Hostel
6.	Mr.U.Daniel	Member	Student/IT
7.	Ms. Syndhiya Grace	Member	Student/ECE

- **OMBUDSMAN is The Director, Student Affairs, Anna University, Guindy, Chennai-600025.**
e-mail: dsa@annauniv.edu
- **Establishment of Internal Committee (IC)**

S.No.	Name of the Committee Member	Designation /Department	e-mail address
1.	Dr.S.Muthukumaran	Professor/ECE	gvmkumaran@gmail.com
2.	Mrs. S. Andal Ishwarya	Assistant Professor/CSE	aishuabiCSE@gmail.com
3.	Dr. A Uma Maheswari	Associate Professor/Chemistry	uma.maheswari992@gmail.com
4.	Mr.J.Srinivasan	Assistant Professor/English	Srineyan2004@gmail.com
5.	Dr.V. Pradeepa	Associate Professor/ Chemistry	sptprathipa@gmail.com
6.	Dr. M.Arul Prasanna/	Associate Professor/EEE	arulresearch2006@gmail.com
7.	Mr. V.K.Chandrasekaran	Office Superintendent	sekarcherraan@gmail.com
8.	Mr.Y.Jahith Mohamuth	STUDENT/CSE	jahithmahmuth123@gmail.com
9.	Ms. S.Sangeerani	STUDENT/CSE	sangeerani23508@gmail.com
10.	Mr.K.Vinoth	STUDENT/AIDS	karthikaKaliyappan1009@gmail.com

- **Establishment of Committee for SC/ST**

S.No	Name	Designation
1.	Mr. P.Chinnakalai	Registrar
2.	Dr.S.Muthukumaran	Professor/ECE
3.	Dr. A Uma Maheswari	Associate Professor/Chemistry
4.	Dr.V.Pradeepa	Associate Professor/Chemistry
5.	Mr. Dinesh	Deputy Warden/Boys
	Mrs. Ladha	Deputy Warden/Girls

- **Internal Quality Assurance Cell**

S.No	Name & Designation	Designation	IQAC Role
1.	Dr.C.G.Ravichandran	Principal	Chairperson
2.	Mr. P.Chinnakalai	Registrar	Administrative Member
3.	Dr.S.Muthukumaran	Professor / ECE	Coordinator / IQAC
4.	Mr. S.Andal Iswarya	Placement Officer	Member
5.	Mrs.A.Rajabunnisa	Assistant Accountant	Member
6.	Dr. Sudha	Physical Director	Member
7.	Mrs. N. Deepa	Assistant Professor/CSE	Member
8.	Ms.E.Supriya	First Year /AIML	Student Member
9.	Ms.Nivetha Facho	First Year CSE	Student Member
10.	Mrs.Gowtham Swarnam	Vice President, Global Practice Head-Digital	Member

5. Programmes

- Name of Programmes approved by AICTE

Under Graduate Programme: 5

S.No	Degree	Name of the programme
1.	B.Tech.	Artificial Intelligence and data Science
2.	B.E	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
3.	B.E	Computer Science and Engineering
4.	B.Tech.	Information Technology
5.	B.E	Electronics and Communication Engineering

Total no. of Programmes: 5

- **Status of Accreditation of the Courses** - NIL

- Fee (as approved by the state government)

S.No	Name of the programme	Fees (as approved by Govt. / Per Year	
1.	AIDS	80000	50000
2.	CSE AIML	80000	50000
3.	CSE	80000	50000
4.	IT	80000	50000
5.	ECE	80000	50000

- Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details, if any:

Not Applicable

6. Faculty

List of Faculty members:

S.No.	Title	First Name	Dept.	Designation
1	Dr.	C.G.RAVICHANDRAN	Engineering Tech.	PRINCIPAL
2	Dr.	T.MUTHULAKSHMI	TAMIL	Assistant Professor
3	Mr.	J.SRINIVASAN	ENGLISH	Assistant Professor
4	Mr.	A.GODWIN NOBLE RAJ EMMANUEL	ENGLISH	Assistant Professor
5	Mrs.	G.SINDHU PRIYA	ENGLISH	Assistant Professor
6	Dr	I.ATHAL	MATHEMATICS	Assistant Professor
7	Mrs.	P.VIJAYALAKSHMI	MATHEMATICS	Assistant Professor
8	Dr.	M.KARTHIVEL	MATHEMATICS	Assistant Professor
9	Dr.	A.SASIREKA	MATHEMATICS	Assistant Professor
10	Mrs.	V.KASIVISALAKSHI PRAVEENA	MATHEMATICS	Assistant Professor
11	Dr.	N.G.BASIL RALPH	PHYSICS	Assistant Professor
12	Dr.	T.INDIRA	PHYSICS	Associate Professor
13	Mr.	M.VEERARAJA	PHYSICS	Assistant Professor
14	Dr.	V.PRATHIPA	CHEMISTRY	Associate Professor
15	Dr.	A.UMA MAHESWARI	CHEMISTRY	Associate Professor
16	Mrs.	G.DURGA DEVI	CSE	Associate Professor

17	Mrs.	S.ANDAL ISHWARYA	CSE	Assistant Professor
18	Mrs.	M.MOOHAMBKAI	CSE	Assistant Professor
19	Mrs.	P.CATHRINE RANJANA	CSE	Assistant Professor
20	Mr.	S.MOHANALINGAM	CSE	Assistant Professor
21	Mr.	M.RAJARAM	CSE	Assistant Professor
22	Mr.	C.YASWANTH	CSE	Assistant Professor
23	Mrs.	V.VAISHNAVI V	CSE	Assistant Professor
24	Mr.	S.SATHYA SWARUBAN	CSE	Assistant Professor
25	Mr.	R.VAIRAVAN	CSE	Assistant Professor
26	Mrs.	R.NITHYA	CSE	Assistant Professor
27	Mrs.	M.BHUVANESWARI	CSE	Assistant Professor
28	Dr.	S.MUTHUKUMARAN	ECE	Professor
29	Mr.	P.VEERABAGU	ECE	Assistant Professor
30	Dr.	D.AMARNATH	ECE	Assistant Professor
31	Dr.	K.GANAPRIYA	ECE	Associate Professor
32	Mrs.	R.ATCHAYA	ECE	Assistant Professor
33	Ms.	EVANGEILINE SANTHIA	ECE	Assistant Professor
34	Dr.	M.ARUL PRASANNA	EEE	Associate Professor
35	Mr.	G.BALAJI	MECH/General Engg.	Associate Professor
36	Mr.	C.BALAMURUGAN	AERO/General Engg.	Assistant Professor
37	Mrs.	N.DEEPA	AI & DS	Assistant Professor
38	Mrs.	S.PREMA RANI	AI & DS	Assistant Professor
39	Mrs.	S.KRUTHIK KSHMA	AI & DS	Assistant Professor
40	Mrs.	N.PRATHEEBA	IT	Assistant Professor
41	Mrs.	R.KEERTHI	IT	Assistant Professor
42	Mr.	I.JOSE SAHAYAM	IT	Assistant Professor
43	Mrs.	A.R. ATLIN BEULAH	IT	Assistant Professor

Permanent Faculty: Student Ratio: 1:20

7. Profile of Vice Chancellor/Director/Principal/Faculty Profile of the Principal

Prof. C G Ravi Chandran M.E.,Ph.D.,

19, R V G S Nivas

Mahakavi Bharathiar Nagar

Thindal, ERODE - 638 012

Tamilnadu, India

DOB : 01.06.1966

Mobile : + 91 98940 81357

Email : cgravichandran@gmail.com



Career Objective:

To get elevated symbiotically in the field assigned, with commitment and consistency, exploring my skill set with intellectual distinction and teaching excellence, striving for the enlistment of the institution, being innovative, inquisitive and flexible.

Professional Qualifications

- 1984 – 1988 Bachelor of Engineering in Electronics & Communication Engineering
Kongu Engineering College, Perundurai
Affiliated to Bharathiar University, Coimbatore
- 1989 – 1991 Master of Engineering in Electronics Engineering
Madras Institute of Technology, Chrompet, Chennai
Affiliated to Anna University, Chennai.
- 2009 Ph.D (Information and Communication Engineering)
College of Engineering, Guindy, Anna University, Chennai

Professional Experience:

Teaching Experience – Twenty Nine Years and One Month (30.1 Years)

- **One Year and One Month during 02.12.2024 to Till Date**
 - Professor & Head of the Institution (Principal)
 - G.T.N. College of Technology, Dindigul
- **One Year and Five Months during 14.09.2018 to 20.12.2020**
 - Professor & Head of the Institution (Principal)
 - Vivekanandha College of Technology for Women, Tiruchengode
- **Three Years and Seven Months during 04.08.2014 to 20.03.2018**
 - Professor & Head of the Institution (Principal)
 - SCAD Institute of Technology, Palladam

- **ONE Year** during **29.07.13 to 31.07.14**
 - **Professor & Head of the Institution (Principal)**
 - Excel Engineering College, Komarapalayam
- **FIVE Years and FIVE Months** during **01.02.08 to 24.07.13**
 - **Professor & Head of the Institution (Principal)**
 - R V S College of Engineering and Technology, Dindigul
- **FIVE Years and TEN Months** during **11.03.02 to 10.01.08**
 - **Head of the Department & Dean (Placement)**
 - Computer Science and Engineering & Information Technology
 - Velalar College of Engineering & Technology, Erode
- **TWO Years and SEVEN Months** during **01.07.99 to 28.02.02**
 - **Assistant Professor & Head of the Department - Information Technology**
 - Senior Lecturer- Electronics & Communication Engineering
 - R M K Engineering College, Chennai
- **EIGHT Years** during **21.06.91 to 30.06.99**
 - **Head of the Department - Computer Technology**
 - **Senior Lecturer/Lecturer - Electronics & Communication Engineering**
 - Kongu Engineering College, Perundurai, Erode
- **ONE Year and THREE Months** during **17.06.88 to 05.09.89**
 - **Lecturer - Electronics & Communication Engineering**
 - K S R Institute of Technology, Tiruchengode

Project

UG: Microprocessor Based Digital Dash Board

PG: Telemetry System for Bio Equipments

PhD: Investigations on Improving the Performance of CDMA Communication Systems Using Multiuser Detection Techniques

Teamwork and Leadership

As a Faculty:

- Produced 100% results in many subjects. Passionate to use modern teaching aids like Power-Point with the study materials from NPTEL and other Video learning Materials, enlivening the lectures through a number of strategies, creating and sustaining a distinctive tone and mood, enhancing participation and enthusiasm, emphasizing learner-centered activities to engage them as active partners in the learning process, participating in collaborative learning activities, assuming primary responsibility.

- Academic coordinator, Time table in charge, Test In charge, Placement Coordinator, Sports secretary, and Project Coordinator are some of the responsibilities held during my tenure as Lecturer and Senior Lecturer.
- Overall Co-ordinator for AICTE Extension of Approval (EOA) and Anna University Affiliation process from 2006 to 2010.
- Coordinator for preparing and sending applications to various funding agencies like AICTE, DRDO, and DST. 120 proposals were sent, and around Rs.65/- Lakh was sanctioned under various schemes.
- Coordinator for Faculty Development Programme Sponsored by Anna University, Chennai, at Sri Ramakrishna Engineering College with 50 participants
 - (i) Wireless and Mobile Communication
 - (ii) Bio Medical Electronics.
- Organizing committee member and Chairperson for various National/International conferences conducted by various Departments of our college and neighboring Institutions. Co-Coordinator for the National Conference, on 'Mobile Agents and System, conducted by Sri Ramakrishna Engineering College.
- Gave guest lectures at FDPs, STTPs, National/International conferences and workshops, conducted by various reputed institutions: Government College of Technology, Info Institute of Technology, Sasurie College of Engineering, CIET, Hindusthan Institute of Technology, Vivekananda College of Engineering for Women, Mahendra Engineering College, Vidhya Mandhir Institute of Technology and Sri Nandhanam College of Engineering and Technology, to name a few.
- Acted as Staff-in-charge, IETE Chapter and Executive council member IETE Coimbatore Sub Chapter also for Advanced Computer and Communication Society (ACCS).
- Served as Question paper setter, and syllabus framing/revision committee member for various Autonomous Institutions like PSG Tech, CIT and GCT, also Universities like, Anna University, Karpagam and Sathyabama.
- Acted as NSS programme officer during 2002-2004. Organized three special camps, one rally and special campaign for fixing Head lamp stickers. Best student volunteer award was won by Mr. Mohammed Abbas of Final ECE.
- Established various laboratories: Digital Electronics, Microprocessor and Microcontroller, MatLab, NS2 and LabView Academy, to name a few
- Biography was published in November 2009 edition of "**Marquis Who's Who in the World**"

As a Researcher:

- No. of Ph.Ds Guided and Completed : 10
- International Journals : 48 (Scopus Indexed: 40)
- International and National Conferences : 14
- Recognized supervisor for Anna University in Information and Communication Engineering (

- Chief Editor, Journal of Advances in Electronics and Communication Engineering (JAECE), a bi-annual (Published in January and June every year) aiming to provide an outlet for research scholars, publishing original research papers on all aspects of ECE.
- Publishers: Academy of Innovative Information Services (AIIS), ISSN 2349-1000.
- Reviewed more than 100 Project dissertations submitted by B.E/B.Tech students
- Reviewed more than 25 M.E /M.Tech Project dissertations

As a Principal:

@ RVS College of Engineering, Dindigul (June 2010-May 2012)

- On assuming charge as Principal, I focused on giving new ambience to the college campus. Under my leadership, the institution has seen a metamorphosis with the following measures:
 - New buildings, especially for Aeronautical Department
 - Modernization and establishment of new laboratories
 - Aesthetic landscaping and much needed lighting in the campus
 - Erection of sign posts and directories
 - ISO 9001 certification by TUV Rheinland
- Many promotional activities/Flag ship events initiated to give a platform for the students to learn and showcase their talents.
- Realized the need to tap funding resources in government and other sectors in order to keep the momentum of scientific inquiry and spirit of research in technical institutions and arranged special Faculty Interaction Meeting with many eminent persons to help the faculty propel their higher standards in research and technological development.
- Initiated steps to make the institution a revenue generating college by means of consultancy and getting funds from various organizations like AICTE, DST DRDO, and TNSCST, making it proudly stand as an eminent institution in the zone. Rs 1.25 Cr was sanctioned during my tenure by various funding agencies like AICTE, DRDO, DST and so on.
- Initiated steps to make the institution grow a globally recognized force by taking it into the sphere of accreditation and corporate recognition. Prepared the proposals for Accreditation for six B.E. degree programmes and methodically guided the faculty and students in all aspects of equipping the institution for the accreditation process, such as the preparation of documents and conduct of evaluation exercises by experts. The Expert Committee of the National Board of Accreditation (NBA) visited the campus in February 2011 and 2014, and all the six programmes were re accredited for two years.
- During my tenure, the placement record in ***RVS College of Engineering*** increased from 78% in 2009-10 to 90% in 2010-2011 and 2011-12. New Industry Institute Partner Cell was established, through which students were directed to undergo Internship programmes in various industries.
- Signed Memorandum of Understanding (MoU) to share knowledge, exchange faculty and experts, utilize facilities at the institution and the industry, and create scholarships for the deserving students. MoUs were signed with the following premier academic institutions and industrial organizations for the first time in the history of Sri Ramakrishna Engineering College: Pricol Industries, Perlis University and Premier Evolvics Ltd.

International Journal Publications

Published Technical Papers in International Journals and Conferences

1. A Technical paper entitled 'Computer aided automatic detection of glioblastoma tumor in the brain using CANFIS classifier', International Journal of Biomedical Engineering and Technology Vol.30, No.2, Pages.179-194, 2019.
2. A Technical paper entitled 'DETECTION AND CLASSIFICATION OF THE MALICIOUS PEER IN PEER-TO PEER NETWORKS USING CANFIS', TAGA JOURNAL VOL.14, pages.2600 - 2610, 2018.
3. A Technical paper entitled 'A survey of data sharing and security issues in P2P networks', Advances in Natural and Applied Sciences, VOL.11, Issue 11, pages. 329-335, 2017
4. A Technical paper entitled 'An efficient brain tumor detection method based on image registration technique', Asian Journal of Research in Social Sciences and Humanities, VOL.7, Issue 7 , pages. 354 - 366, 2017
5. A Technical paper entitled 'An Efficient Brain Tumor Detection Method based on Image Registration Technique', Asian Journal of Research in Social Sciences and Humanities, Vol. 7, No.7, pages.354-366, 2017.
6. A Technical paper entitled 'A Survey of Data Sharing and Security Issues in P2P Networks', Advances in Natural and Applied Sciences, Vol. 11(7), Pages :329-334 2017.
7. A Technical paper entitled 'Brightness preserving bi-level fuzzy histogram equalization for MRI brain image contrast enhancement' , International Journal of Imaging Systems and Technology , Volume 27, Issue 2 , Pages :153-161, 2017.
8. A Technical paper entitled 'Multimodal Medical Image Fusion Using Dual-Tree Complex Wavelet Transform (DTCWT) with Modified Lion Optimization Technique (mLOT) and Intensity Co-Variance Verification (ICV)', American Computer Electromagnetic Society, Vol.31 No. 6, Pages: 717 - 730, 2016.
9. A Technical paper entitled 'Design and Implementation of Medical Image Fusion of Computer Tomography and Magnetic Resonance Imaging Using the Integrated Technique', Journal of Computational and Theoretical Nanoscience, Vol. 13, Pages : 1-8, 2016
10. A Technical paper entitled 'Highly Available Hypercube Tokenized Sequential Matrix Partitioned Data Sharing in Large P2P Networks, Circuits and Systems' Vol.7 No.9 , Pages: 2109-2119, 2016.
11. A Technical paper entitled 'Optimal Packet Scheduling Scheme for LTE Systems Based on Scheme Utility Function', Asian Journal of Information Technology, Volume 15, Issue 12, Pages: 1899-1905, 2016.
12. A Technical paper entitled 'Squared error and weighted entropy for magnetic resonance Imaging and computer tomography image fusion using firefly algorithm', Journal of Computational and theoretical nanoscience, Vol.13, Pages: 8189 - 81990, 2016
13. Technical paper entitled' Low-Power Enhanced Error-Tolerant Adder for MedicalImage Processing Subsystems', Journal of Medical Imaging and Health Informatics, Vol.6, 1-5, Pages : 1 - 5, 2016.
14. A Technical paper entitled 'Human Activity Detection from UTI dataset', Asian Journal of Information Technology, vol. 15, no. 2, Pages: 287-297, 2016.

15. A Technical paper entitled 'Correction of Intensity In-Homogeneity of MR Image Based on Average Median Intensity Value Method', International Journal of Computer Trends and Technology, volume 28, Number 2, October 2015.
16. A Technical paper entitled 'Human activity analysis for video surveillance based on visual features', International Journal of Applied Engineering Research, Vol. 10, No. 11, Pages :28575-28585, 2015.
17. A Technical paper entitled 'Dual-Tree Complex Wavelet Transform Based Medical Image Fusion Using Novel Image Fusion Rule Verification', Journal of Applied Sciences Research, Vol.11 (22), Pages: 66-72, 2015
18. A Technical paper entitled 'Advanced Beta Reputation Considerations for Load Balancing And Secure Information Sharing In Peer To Peer System', Journal of Applied Sciences Research, Vol. 11(22), Pages : 131-139, 2015.
19. A Technical paper entitled 'Dynamic Priority Based Congestion Aware Routing For Wireless Sensor Networks', JOURNAL OF APPLIED SCIENCES RESEARCH, Volume 11, Issue 22, Pages : 50-55, 2015.
20. A Technical paper entitled 'Optic Disc Localization Methodologies in Retinal Images: A Review', Journal of Soft Computing, Vol.10, Issue.2, 2014, pp. 195-202, 2015.
21. A Technical paper entitled 'Automatic localization of fovea in retinal images based on mathematical morphology and anatomic structures', International Journal of Engineering and Technology, Vol. 6, No.5, pages 2171-2183, 2014.
22. A Technical paper entitled 'A Dynamic QoS model for multimedia real time transmission in enterprise networks', Journal of Theoretical & Applied Information Technology, Vol.62, Issue:1, pages:214-224, 2014.
23. A Technical paper entitled 'High speed probabilistic adder for signal processing subsystems', Journal of Computer Science, Vol.10 (5), pages: 737-744, 2014.
24. A Technical paper entitled 'A Fast Enhancement/Thresholding Based Blood Vessel Segmentation for Retinal Image Using Contrast Limited Adaptive Histogram Equalization', Journal of medical imaging and health informatics, Vol.4, Issue.4, pp. 567-575, 2014.
25. A Technical paper entitled 'Fast Localization of the Optic Disc in Retinal Images Using Intensity and Vascular Information', International review on computers and software (IRECOS), Vol.9, Issue.2, pp. 1282-1292, 2014.
26. A Technical paper entitled 'Automatic Localization of Fovea in Retinal Images Based on Mathematical Morphology and Anatomic Structures', International Journal of Engineering and Technology, Vol.6, Issue.5, pp. 1271-1283, 2014.
27. A Technical paper entitled 'Dynamic Quality of Service Model for Improving Performance of Multimedia Real Time Transmission in Industrial Networks', Plos One, Vol.9, Issue.8, pp. 1-14, 2014.
28. A Technical paper entitled 'A Novel Fuzzy Logic Approach to Image Contrast Enhancement and Brightness preserving', International review on computers and software (IRECOS), Vol.9, Issue.2, pp.406-413, 2014.
29. A Technical paper entitled 'A Dynamic QoS Model for Multimedia Real Time Transmission in Enterprise Networks', Journal of theoretical and applied information technology, Vol.62, No.1, pp. 214-224, 2014.

30. A Technical paper entitled 'A Dynamic Framework to Enhance Quality of Service for Multimedia Real Time Transmission in Content Delivery Networks', International review on computers and software (IRECOS), Vol.9, No.2, pp.396-405, 2014.
31. A Technical paper entitled 'A Dynamic QoS Model for Improving the Throughput of Wideband Spectrum Sharing in Cognitive Radio Networks', KSII Transactions on Internet and Information Systems, Vol.8, Issue.11, pp.3731-3750, 2014.
32. A Technical paper entitled 'Ant Colony Optimization Approaches to Clustering of Lung Nodules', Computational and Mathematical Methods in Medicine', Vol.8, Issue.11, pp.3731-3750, 2014.
33. A Technical paper entitled 'Performance Analysis of Image Contrast Enhancement and Brightness Preserving', Vol.9, Issue.22, pp.12591-12606, 2014.
34. A Technical paper entitled 'Performance Analysis of Histogram Equalization Based Technique for Image Contrast Enhancement', Asian Journal of Information Technology, Vol.13, Issue.5, pp.287-290, 2014.
35. A Technical paper entitled 'Fuzzy Logic-Based Histogram Equalization for Image Contrast Enhancement', Mathematical Problems in Engineering, Vol. 2013, Article ID 891864, 10 Pages, 2013.
36. A Technical paper entitled 'Applying Ant Colony Optimization algorithms and variants for lung nodule detection', Pensee Journal, Vol. 75 , Issue.11, Nov 2013
37. A Technical paper entitled 'Power Efficient Probabilistic Multiplier for Digital Image Processing Subsystems', International Journal of Engineering and Technology (IJET), Vol. 5, Issue.6, pp. 5038 – 5044, 2013.
38. A Technical paper entitled 'Intensity, Shape and Size Based Detection of Lung Nodules from CT Images', Lecture Notes in Computer Science (Springer), Vol.8284, pp.241-250, 2013.
39. A Technical paper entitled 'Blood Vessel Segmentation for High Resolution Retinal Images', Journal of Computer Science, Vol.8, Issue.6 (2), pp.389-393, 2012.
40. A Technical paper entitled 'An Efficient Method for Contrast Enhancement in Still Images using Histogram Modification Framework', Journal Of Computer Science, vol.8, No. 5, pp. 775-779, 2012.
41. A Technical paper entitled 'Analysis and Comparison of Medical Image Fusion Techniques: Wavelet based Transform and Contour let based Transform', International Journal of Computer Science and Information Security, Vol. 9 No. 3, March 2011.
42. A Technical paper entitled 'A Framework to Enhance Quality of Service for Content Delivery Network Using Web Services: A Review', International Journal of Computer Science Issues, Vol. 8, Issue 5, No 2, 2011.
43. A Technical paper entitled 'Inter-slice reconstruction of MRI image using one dimensional signal interpolation', International journal of computer science and network security, Vol.8, Issue 10, pp.351-356, 2008.
44. A Technical paper entitled 'First derivative intensity based histogram clustering segmentation of medical images', GESTS: International transaction on computer science and engineering, Vol.49, Issue 1, pp.81-88, 2008.

45. A Technical paper entitled 'A new fully automatic fast registration method for 2D computer tomography images', Information Technology Journal, Vol.6, Issue 5, pp.761-765, 2007.
46. A Technical paper entitled 'A new integrated methodology for segmentation of 2D computer tomography images', Journal of Medical Sciences, Vol.7, Issue 3, pp.368-373, 2007.
47. A Technical paper entitled 'Automatic seed generation using discrete cosine transform for 2D region growing segmentation of computer tomography image sequence-A new hybrid segmentation techniques' Journal of Applied Sciences, Vol.7, Issue 5, pp.761-768, 2007.
48. A Technical paper entitled 'A new methodology for segmentation of functional magnetic resonance imaging using functional echo neural network' WSEAS transactions on biology and biomedicine, Vol.3, Issue 9, pp.602-608, 2006.

International and National Conference Publications

1. Presented a technical paper entitled 'Discovery through change discovery filters matrix derived from the discrete cosine transform' in the National Conference on IoT, Artificial Intelligence and 3D Printing at Vivekanandha College of Engineering for Women held during 21 – 22 Feb 2020
2. Presented a technical paper entitled 'Real Time Wireless ECG Signal based Heart Disease Prediction System using HVD and Artificial Intelligence in the National Seminar on High Level Thinking using Artificial Intelligence at Senguthar Engineering College held during 14th June 2019.
3. Presented a technical paper entitled 'Macular Morphological operation detection of retinal image segmentation' in the International Conference on Intelligent Sustainable Systems (ICISS) at SCAD Institute of Technology during 7 – 8 December 2017.
4. Presented a technical paper entitled 'Macular Edema severity detection in colour fundus images based on ELM classifier' in the IEEE International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) at SCAD Institute of Technology during 10-11 Feb. 2017.
5. Presented a technical paper entitled 'Low power accuracy substitution circuit for image processing application' in the IEEE International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) at SCAD Institute of Technology during 10-11 Feb. 2017.
6. Presented a technical paper entitled 'Virtual reality scientific visualization laboratory' in the International Conference ICSCI-2005 at Hyderabad during January 06 – 09 2005.
7. Presented a technical paper entitled 'Prioritized Bandwidth allocation for VBR traffic in mobile multimedia networks' in the National Conference held at Jayam College of Engineering during July 26 – 27 2004.
8. Presented a technical paper entitled 'Low cost telemedicine using cable TV Network & TV Set' in the International Conference Mednet 2003 - World Congress On the Internet in Medicine during 4th-7th December, 2003.
9. Presented a technical paper entitled 'Automatic Monitoring in Telemedicine Using Telecommunication Networks' was submitted & selected in the International Conference *ANNIE 2003*- Artificial Neural Networks

in Engineering at University of Missouri-Rolla, 1870 Miner Circle Rolla, MO 65409-0370, USA during November 2-5, 2003.

10. Presented a technical paper entitled 'Role of IT in Technical Education – Micro Teaching Technique' was presented during National Conference on ' Technical Education in the New millennium' at Osmania University, Hyderabad during March 12- 13,2000.
11. Presented a technical paper entitled 'Role of IT in Technical Education' at National Conference on "Recent Advances in Information Technology ' at Thiagarajar College of Engineering, Madurai on 25.02.2000.
12. Presented a technical paper entitled "Technology enhanced technical education" in ISTE –XXIX Annual Convention held at Kongu Engineering College during December 10 – 12 , 1999.
13. Presented a technical paper entitled "Microprocessor Based Firing Scheme for Thyristors working under variable Frequency Supply" presented in National Conference EDCOTS '97 at Samrat Ashok Technological Institute, Vidisha, M.P during January 16-18, 1997.
14. Presented a technical paper entitled "Fibre Optic Sensors in Blood Group Detection" presented in International Conference on Bio-Medical Engineering held at CIT, Coimbatore during December 12-14, 1996.

Conferences / Seminars / Workshops attended

Three day programme on 8th VLSI Design and Test Workshops held at Mysore during August 26 – 28, 2004.

One day workshop on "Accreditation: A right approach" held on May 1st 2004 at Thiagarajar College of Engineering, Madurai.

Two day National workshop on "Bio Sensors" held during November 15-16, 2003 at BVB College of Engineering and Technology, Hubli.

Two day technical seminar cum exhibition Techno Vision 2003 organized by Computer India held during July 11-12, 2003 at Coimbatore.

Attended a meeting at Anna University for providing internet connection through ERNET scheme of AICTE held during February 21, 2003.

Two day workshop on "Orientation programme for Placement & Training Officers" held during January 23-24, 2003 at Anna University, Chennai.

Two day workshop on "Networking, DSP and Bio Medical Engineering" held during January 6-7, 2003 at GCT, Coimbatore.

Two day short term course on "Recent Advances in Medical Electronics – RAME 2003" held during January 3-4, 2003 at Bannari Amman Institute of Technology, Sathyamangalam.

One day Workshop on "Quality in Engineering Education" held on September 21, 2002 at Bannari Amman Institute of Management, Sathyamangalam.

Three day workshop on "Mobile Networking with WAP" held during February 7-9, 2002 at Anna University, Chennai.

An AICTE-ISTE sponsored winter school on "Unified Approach for Industrial and Medical Instrumentation" held during November 9-22, 2000 at Kongu Engineering College, Erode.

Three day programme on “Induction Training for Teachers” held during January 24-26, 1997 at Kongu Engineering College, Erode.

An International Conference on “Bio Medical Engineering” held during December 12-14, 1996 at CIT, Coimbatore.

A short term course on “Bio Medical Instrumentation” sponsored by ISTE during May 17-23, 1995 at Sathyabama Engineering College, Chennai.

Seminars / Special Lectures delivered

Technical seminars / special Lectures has been delivered in various Engineering colleges, Polytechnic colleges & higher secondary schools on the following topics

- Imparting Technical Education for the development of rural society
- Technology enhanced technical education
- Role of IT in Technical Education – Micro – Teaching Technique

Books / Monographs Published

Text books for the following subjects for internal circulation for the benefit of Engineering Students have been published

- Basic Electronics Engineering
- Digital Systems
- Microprocessors & Applications
- Biomedical Instrumentation
- Image Processing

Projects

- Fibre Optic Sensors in Blood Group Detection
- μ P Based Firing Scheme for Thyristors working under variable Frequency Supply
- Automatic Monitoring In Telemedicine Using Telecommunication Networks
- Low cost telemedicine using cable TV Network & TV Set
- Programmable External Pacemaker
- Topological Design of LAN using Genetic Algorithm
- Simplified E-mail facility for LAN users
- A Neural Network Algorithm for a Graph Layout Problem
- Scheduling of DAG's for Asynchronous Multiprocessor
- Programmable External Pacemaker
- Topological Design of LAN using Genetic Algorithm
- Simplified E-mail facility for LAN users
- Process Control using Microcontroller

Other Activities

- Convener : Industry – Institution - Interaction Cell: Interacting with reputed organization for arranging Campus Interviews, Industrial Projects and In-plant training programmes for the students
- Organized various State and National Level symposium for students
- Instrumental to start various professional society's students chapter

- Developed various Laboratories and organized practical oriented short term courses
- Question Paper setter / Chief for various Autonomous Institutions & Universities

Membership

Fellow Life Member Institute of Electronics and Telecommunication, New Delhi

United Writer's Association, Chennai

Life Member Computer Society of India, Mumbai

Indian Society for Technical Education, New Delhi

Biomedical Society of India, Manipal

All India Management Association, New Delhi

Member Institute of Electrical and Electronics Engineers, USA

VLSI Society of India, New Delhi

IEEE,USA

7. Criteria and Weightages for Admission

Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)	For B.E./B.Tech., TNEA (Tamil Nadu Engineering Admissions, Anna University, Chennai-600025) Web: www.annauniv.edu
Number of seats allotted to different Test Qualified candidate separately (AIEEE//JEE/ CET (State conducted test/ University tests/ CMAT)/ Association conducted test etc.)	-
Calendar for admission against Management quota seats:	For B.E./B.Tech., CET (Consortium of Self- Financing Professional, Arts and Science Colleges in Tamil Nadu, Chennai-600014.) Web: www.tnsfconsortium.org As fixed by the CET (Consortium of Self- Financing Professional, Arts and Science Colleges in Tamil Nadu, Chennai-600014.)
Last date of request for applications	As announced by the Directorate of Technical Education, Tamil Nadu
Last date of submission of applications	As announced by the Directorate of Technical Education, Tamil Nadu.
Dates for announcing final results	As announced by the Directorate of Technical Education, Tamil Nadu.
Release of admission list (main list and waiting list shall be announced on the same day)	Yes
Date for acceptance by the candidate (time given shall in no case be less than 15 days)	As per the Anna University Allotment order
Last date for closing of admission & Starting of the Academic session	As announced by the Anna University, Chennai and Directorate of Technical Education.

The waiting list shall be activated only on the expiry of date of main list	Yes
The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	Due to unavoidable circumstances if the student discontinues the course, fee paid will be refund according to AICTE norms
Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	Due to unavoidable circumstances if the student discontinues the course, fee paid will be refund according to AICTE norms

Mention the minimum Level of acceptance, if any		
Community	H.S.C. (Academic) or Equivalent	H.S.C.(Vocational)
SC/ST	An average mark of 40% in Physics, Chemistry and Mathematics	An average mark of 40% in Vocational Theory, Practical and Mathematics
MBC/DNC	An average mark of 40% in Physics, Chemistry and Mathematics	An average mark of 40% in Vocational Theory, Practical and Mathematics
BC	An average mark of 45% in Physics, Chemistry and Mathematics	An average mark of 45% in Vocational Theory, Practical and Mathematics
Other Communities	An average mark of 50% in Physics, Chemistry and Mathematics	An average mark of 50% in Vocational Theory, Practical and Mathematics
Display marks scored in Test etc. and in aggregate for all candidates who were admitted	Government of Tamil Nadu is not conducting any Common Entrance Test for admission. Based on Higher Secondary cut off as give above in the table candidates are Admitted	

8. Information of Infrastructure and Other Resources Available

Sl.No	Description	Quantity	Average area in Sq.m
1	Number of Class rooms and Size of each	12	77
2	Number of Tutorial Room of each	3	33
3	Number of Laboratories and Size of each	3	264
4	Number of Computer Center with capacity of each	1	120
5	Central Examination Facility, Number of rooms and capacity of each	Class Rooms 15	375
On line Exam Facility			
6	Number of Computers	180	-
	Internet bandwidth	500 Mbps	-
	Scanners	2	-
7	Barrier free Built Environment for disabled and elderly persons	Available	

8	Occupancy Certificate				Available		
9	Fire and Safety Certificate				Available		
10	Hostel Facilities				Rooms in Boys Hostel		
					Rooms in Girls Hostel		
11	Number of Library books/ e books /Titles/Journals available						
	Sl. No.	Name of the Programme	Books	Titles	Journals		E-Library books
National					International		
	1	B.E. Computer Science and Engineering	622	68	6	6	
	2	B. E. CSE (Artificial Intelligence And Machine Learning)	597	59	6	6	
	3	B.E. Electronics and Communication	572	57	6	6	
	4	B.Tech. Artificial Intelligent & Data science	613	61	6	6	
	5	B.Tech. Information Technology	596	59	6	6	

Computing Facilities

Internet Bandwidth	500 Mbps 1:2
Number of Configuration of Systems	180
Total number of System connected by LAN	180
Total number of System connected by WAN	180

List of Facilities available Games and Sports Facilities

- Indoor / Outdoor Games / Sports Facilities Gymnasium

Extra-Curricular Activities

- NSS, YRC, RRC

Soft Skill Development Facilities

- Life Skill, Career skill, Aptitude, Quantitative, Reasoning, G.D., Coding, Outbound Training etc. are provided to the students from II year onwards

Teaching Learning Process

Curricula and syllabus for each of the programmes as approved by the university

Curriculum and syllabus link :

About the Programme :

Teaching Load of each faculty :

Assistant Professors - 15-18 Hrs per week ASP / Professor – 10 -15 Hrs per week Internal
Continuous Evaluation System in place: **Yes**

9. Enrolment and placement details of students in the last 3years Placement Details

- NIL -

www.gtncollegeoftechnology.ac.in/mandatorydisclosure.pdf