



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
GOVERNMENT COLLEGE OF ENGINEERING-BARGUR  
(AUTONOMOUS)

KRISHNAGIRI-635104, TAMIL NADU


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FACULTY PROFILE

<b>Name</b>	Dr.S.SELVI		
<b>Designation</b>	Associate Professor		
<b>Office Address</b>	Department of Computer Science and Engineering, Government College of Engineering, Bargur		
<b>Telephone</b>	04343 292518		
<b>Mobile</b>	+9199400 92831		
<b>Email</b>	sel_raj241@yahoo.com and s.selvi@gcebargur.ac.in		
<b>Field(s) of Specialization:</b>	Data Mining, Machine Learning, Deep Learning, Soft Computing, Network Security, Cloud Computing		

Employment Profile (Jan 2024):

Name of the College / Industrial	Designation	From	To
Bhajarang Engineering College, Tiruvallur	Lecturer	9-7-2001	31-5-2007
P. B. College of Engineering, Sriperumbudur	Assistant Professor	28-6-2007	30-4-2012
A.M.S. College of Engineering, Avadi	Assistant Professor	3-9-2012	6-4-2013
Govt. College of Engineering, Bargur	Assistant Professor	10-4-2013	19-7-2019
Directorate of Technical Education, Chennai	Assistant Professor	22-7-2019	15-7-2021
Govt. College of Engineering, Bargur	Assistant Professor	16-7-2021	19-4-2023
Govt. College of Engineering, Bargur	Associate Professor	20-4-2023	To till date

Academic Qualifications:

Category With Specialization	Year of Passing	Name of the College & University	% of Marks / Grades obtained	Class obtained
UG - B.E (CSE)	1998	St. Peters Engineering College, Chennai Madras University	73.47	First Class
PG - M.E(CSE)	2007	Sri Muthu Kumaran Institute of Technology, Chennai Anna University	85	First Class with Distinction
Ph.D. I & C	2020	Anna University	---	---



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**Anna University Supervisor Recognition No.: Nil**

**Number of Ph. Ds under guidance: - Nil**

**Awards / Special Achievements:**

- 26th University Rank Holder in the P.G during 2007
- Had been recognized as SILVER Partner Faculty under Inspire -The Campus Connect Faculty Partnership Model for the Academic Year 2015-16, 2016-17
- Received award “Adarsh Vidya Saraswathi Rashtriya Puraskar” by Global Management Council for valuable & noble work on 10<sup>th</sup> July 2021
- Recognized as NPTEL DISCIPLINE STAR JUL-DEC 2022.

**Contributions Made to the Institution / Technical Education at Various Capacities:**

- Member of the Board of Studies / CSE, GCE Bargur from June 2017 to June 2019 and from July 2021 to till date.
- University Representative for the Board of Studies of Departments of CSE, IT, AI&DS, and Cyber Security at Shri Shanmuga College of Engineering and Technology, Salem. From June 2023
- University Representative for the Board of Studies of Departments of CSE, IT, AI&DS, and MCA at Adhiyamaan College of Engineering, Hosur for the academic year 2023-2024.

**NPTEL/SWAYAM Certifications:**

S. No.	Discipline	Year	Course Name	Status
1	CSE	Jul – Dec 2016	Programming, Data Structures and Algorithms in Python (20 Hour Course)	Elite Certificate
2	CSE	Jan – Apr 2017	Computational Science and Engineering using Python (8 Week Course)	Elite Certificate
3	CSE	Jan – Apr 2017	Programming in C++ (8 Week Course)	Elite Certificate
4	CSE	Jan – Apr 2022	Programming in Java (12 Week Course)	Elite + Gold Certificate
5	CSE	Jan – Apr 2022	Problem Solving through Programming in C (12 Week Course)	Elite +Silver Certificate
6	CSE	Jul – Dec 2022	Software Project Management - AICTE (12 Week Course)	Elite Certificate
7	CSE	Jan – Apr 2023	Compiler Design (12 Week Course)	Elite + Silver Certificate
8	CSE	Jan – Apr 2023	Blockchain and its Applications - AICTE (12 Week Course)	Completion Certificate
9	CSE	Jul – Dec 2023	Introduction to Internet of Things – AICTE (12 Week Course)	Elite + Gold Certificate

**Reviewer in Journal & Conference Proceedings:**

S.No.	International Journal
1	Computers & Electrical Engineering –ELSEVIER



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2	International Journal of Communication Systems –WILEY
3	International Journal of Speech Technology –SPRINGER
4	Soft Computing–SPRINGER
5	Internet Technology Letters–WILEY
6	International Journal of Networking and Virtual Organisations-INDERSCIENCE
7	Distributed and Parallel Databases –SPRINGER
8	International Journal of Powertrains – INDERSCIENCE
9	Annals of Telecommunications – SPRINGER
10	International Journal of Pervasive Computing and Communications – EMERALD
11	Automated Software Engineering– SPRINGER
12	Personal and Ubiquitous Computing– SPRINGER
<b>Conference Proceedings</b>	
1	Proceedings on International Conference on Intelligent Computing and Communication Networks (CICCN 2021), 2021, Organized by Dept. of CSE, University College of Engineering, BIT Campus, Anna University, Trichy

**Editorial Member:**

S.No.	Journal Name
1	Glacier Journal of Scientific Research, ISSN:2349-8498, IF:2.7614

**Technical Program Committee Member in International Conferences:**

S.No.	International Conferences
1	Technical Program Committee in the 6 <sup>th</sup> IEEE International Conference on Inventive Computation Technologies, Organized by RVS Technical Campus, Coimbatore, Jan 2021 ( <b>IEEE ISBN: 978-1-7281-8501-9</b> )
2	Technical Program Committee in the 4 <sup>th</sup> International Conference on Intelligent Sustainable Systems, Organized by SCAD College of Engineering and Technology, Tirunelveli, Feb 2021 ( <b>Scopus Indexed</b> )
3	Technical Program Committee in the 4 <sup>th</sup> IEEE International Conference on Computer Networks and Inventive Communication Technologies Organized by RVS Technical Campus, Coimbatore, Apr 2021 ( <b>Scopus Indexed</b> )
4	Technical Program Committee in the AICTE Sponsored International Conference on Advances in Computer Engineering and Communication Technology, Organized by Aditya College of Engineering & Technology, Surampalem, Andra Pradesh, Oct 2021 ( <b>Scopus Indexed</b> )
5	Technical Program Committee in the 5 <sup>th</sup> IEEE International Conference on Inventive Computation Technologies, Organized by Tribhuvan University, Nepal, Jul 2022

**Session Chair in Conference (National/International):**

S.No.	International Conferences
1	International Conference on Innovative Data Communication Technologies and Application (IEEE UP Section), Organized by Graphic Era Hill University, Dehradun, India on 14-16 March 2023 ( <b>IEEE COMPLIANT ISBN: 979-8-3503-9720-8</b> ) - Virtual Mode



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**List of Journal (National/International) Publications:**

<b>S.No</b>	<b>Title of Paper</b>	<b>Journal</b>	<b>Other Details (Year, Vol. No., Page no., ISSN No, IF)</b>
1	Enhanced Shortest Route Prediction Algorithm: A Hybrid Approach	International Journal of Enhanced Research in Science, Technology & Engineering	2023, 12, 12, 29-35, ISSN No.:2319-7463, IF:7.957 UGC Approved Journal: Serial No.7618 (Science Series)
2	Enhancing the Performance of Task Execution in Multicore System: The Impact of Multi-Level Feedback Queue on Round Robin Adaptive Priority Scheduling	International Journal on Multidisciplinary Educational Research, Sucharitha Publications	2023, 10, 12(12), 20-29, ISSN No: 2277-7881, JISRAF Impact Factor 8.017 (2023) UGC Approved Journal: Serial No: 41602(2017), Scopus Review ID: A2B96D3ACF3FEA2A
3	Green AI – Enhanced Machine Learning Approach for Fruit Quality Assessment	International Journal of all Research Education and Scientific Methods	2023, 11, 6, 783-792, DOI: <a href="https://doi.org/10.56025/IJARESM.2023.11623783">https://doi.org/10.56025/IJARESM.2023.11623783</a> ISSN No.:2455-6211, IF:7.429 UGC Approved Journal: Serial No.7647
4	Detection of Drug Abuse Using Rough Set and Neural Network-based Elevated Mathematical Predictive Modelling	Neural Processing Letters, Springer Science	2023, 55(3), 2633-2660 DOI: 10.1007/s11063-022-11086-z ISSN No(print): 1370-4621, ISSN No(online): 1573-773X IF : 2.565(2021)
5	Design of Deep Learning Trained Face Mask Detection Model	International Journal of all Research Education and Scientific Methods	2022, 10, 12, 1716-1725, ISSN No.:2455-6211, IF:7.429 UGC Approved Journal: Serial No.7647
6	Face Recognized Model Trained Automated Attendance System	International Journal of Enhanced Research in Science, Technology & Engineering	2022, 11, 12, 166-175, ISSN No.:2319-7463, IF:7.957 UGC Approved Journal: Serial No.7618 (Science Series)
7	Mapping and Classification of Soil Properties from Text Dataset Using Recurrent Convolutional Neural Network	ICTACT Journal on Soft Computing	2021, 11, 03, 2438-2443, ISSN No.: 2229-6956(Online), IF:0.787 UGC Approved Journal: Serial No.125 (Science Series)
8	Implementation of Efficient Algorithm Using C/C++	International Journal on Multidisciplinary Educational Research, Sucharitha Publications	2021, 10, Issue 3(6), 34-39, ISSN No: 2277-7881, JISRAF Impact Factor 6.514 UGC Approved Journal: Serial No: 41602(2017), Scopus Review ID: A2B96D3ACF3FEA2A
9	Home Assistant using IoT and Google Assistant	International Research Journal of Engineering and Technology	2021, 8, Issue 3, 581-586, ISSN No:2395-0072. IF:7.529(2020) (UGC Approved)
10	Framework to Forecast Environmental Changes by Optimized Predictive Modelling based on Rough Set and Elman Neural Network	Soft Computing, Methodologies and Applications, Springer Verlag GmbH Germany	2020, 24, 10497-10480, <a href="https://doi.org/10.1007/s00500-019-04556-5">https://doi.org/10.1007/s00500-019-04556-5</a> , ISSN No(print):1432-7643, ISSN No(online):1433-7479;



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			IF : 2.784(2018)
11	A CNN-Based Similarity Learning for Cardiac Arrhythmia Prediction	IEEE Xplore	2020, Access No: 19593070 DOI: 10.1109/ICoAC48765.2019.247132
12	Performance Evaluation of Mathematical Predictive Modelling for Air Quality Forecasting	Cluster Computing, Springer	2018, 22 (Suppl 5), 12481–12493, ISSN No (print):1386-7857, ISSN No (online):1573-7543; IF: 1.851(2018)

**Books/ Book Chapters Publications:**

- D.Sangeetha, S.Selvi, A. Keerthana, "A Trust-Based Authentication in an SDN 5G Heterogeneous Network", in Proc. of 4<sup>th</sup> Int. conf on Computer Networks and Inventive Communication Technologies, ICCNCT 2021, published in Lecture Notes on Data Engineering and Communication Technologies, Ed. Xhafa Fatos, Springer, Ed(1), Vol.75, pp. 841-852, ISSN No: 2367 - 4512 (Scopus ID:21100975545), <https://link.springer.com/book/10.1007/978-981-16-3728-5?page=4#toc>
- Dr. Nitin Mishra, Dr.S.Selvi, V.T.Krishnaprasath, S.Mohan Babu Chowdary, "Advancements in Information Technology", Notion Press,2022, ISBN 979-888684499-3

**List of Conferences/Workshops/Symposia Proceedings:**

S.No.	Title of the Abstract/Paper	Title of the Proceedings	Other Details (Page No., Venue, Date/Year)
1	An Efficient Method to Solve the Least Cost- Minimum Spanning Tree	Proceedings of International Conference on Redefining Business Strategies: New Age Business Models	ISBN No.: 978-81-958836-1-5 Dambi Dollo University, Ethiopia in association with Acharya Bangalore Bn School, Bengaluru, Jan 2023
2	Design of an Automated Attendance Monitoring System Using Deep Learning	Proceedings of International Conference on Redefining Business Strategies: New Age Business Models	ISBN No.: 978-81-958836-1-5 Dambi Dollo University, Ethiopia in association with Acharya Bangalore Bn School, Bengaluru, Jan 2023
3	Design of Secured Data Trained Model using Tree Traversal	Proceedings of International Conference on Redefining Business Strategies: New Age Business Models	ISBN No.: 978-81-958836-1-5 Dambi Dollo University, Ethiopia in association with Acharya Bangalore Bn School, Bengaluru, Jan 2023
4	Social Distancing and Mask Detection Using Deep Learning Model	International Conference on Emerging Trends in Science Technology and Applications	Sree Sakthi Engineering College, May 2022
5	Deep Face Recognition Based Non-Vaccinated Population Finder and Alert System	International Conference on Emerging Trends in Science Technology and Applications	Sree Sakthi Engineering College, May 2022
6	Music Streaming Application	National Conference on Recent Trends in Information Communication and Computing Technology	Dept. of CSE, in Association with CSI, Kuppam Engineering College, AP, May 2022



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7	A Trust-Based Authentication in an SDN 5G Heterogeneous Network	4 <sup>th</sup> International Conference on Computer Networks and Inventive Communication Technologies	Dept. of CSE, RVS Technical Campus, Coimbatore, 23-24 Apr 2021
8	A CNN Based Similarity Learning for Cardiac Arrhythmia Prediction	Proceedings of 11 <sup>th</sup> IEEE Conference on Advanced Computing (ICoAC 2019)	pp.244-248, Dept. of CT, MIT Campus, Anna University, 18-20 Dec 2019
9	Framework to Forecast Environment Changes by Optimized Predictive Modeling Based on Rough Set and Elman Neural Network	2 <sup>nd</sup> International Conference on Computer Networks and Inventive Communication Technologies	RVS Technical Campus, Coimbatore, 23-24 May 2019
10	Heart Rate Monitoring System Based on IoT	Proceedings of International Conference on Emerging Trends in Engineering and Technology Research	Sri Rangapooathi College of Engineering, Villupuram Dist., in association with VEI Technologies, 8 <sup>th</sup> Mar 2019
11	Implementation of Transportation Service System for Grocery Kart	Proceedings of 3 <sup>rd</sup> National Conference on Emerging Trends in Computer Science and Information Technology	Hosur Institute of Technology and Science, Hosur, 6 <sup>th</sup> Mar 2019
12	Effective and Efficient Behavior based Android Malware Detection and Prevention	Proceedings of 3 <sup>rd</sup> National Conference on Emerging Trends in Computer Science and Information Technology	Hosur Institute of Technology and Science, Hosur, 6 <sup>th</sup> Mar 2019
13	An e-Smart and Secured App for Voting System	Proceedings of 3 <sup>rd</sup> National Conference on Emerging Trends in Computer Science and Information Technology	Hosur Institute of Technology and Science, Hosur, 6 <sup>th</sup> Mar 2019
14	Performance Evaluation of the Integrated Rough Set and Adaptive Multilayer Perceptron Neural Network based Predictive Model Optimization	Proceedings of 1 <sup>st</sup> International Symposium on Artificial Intelligence and Computer Vision	pp.14, Knowledge Curve, Chennai, India, Dept. of CSE, CEG Campus, Anna University, 26-28 Sep 2018, ISBN: 978-93-84389-18-5
15	Performance Analysis of offline English Character and Tamil Character Recognizing using MATLAB	Proceedings of 4 <sup>th</sup> National Conference on Emerging Trends in Advanced Computing and Communication	pp.48, Dept. of CSE, GCE Bargur, 2017
16	Medical Preprocessing Dataset Analysis on Weka Tool	Proceedings of 4 <sup>th</sup> National Conference on Emerging Trends in Advanced Computing and Communication	pp.46, Dept. of CSE, GCE Bargur, 2017
17	Training User Location and Query using Weighted Keyword Document Graph Technique	Proceedings of 4 <sup>th</sup> National Conference on Emerging Trends in Advanced Computing and Communication	pp.41, Dept. of CSE, GCE Bargur, 2017
18	A Novel Approach to Analyze Place of Interest Dynamically by Generating Spatial- Visual Framework	Proceedings of 4 <sup>th</sup> National Conference on Emerging Trends in Advanced Computing and Communication	pp.41, Dept. of CSE, GCE Bargur, 2017
19	Performance Analysis of Predictive Models using Data Mining Tools and UCI Repository	Proceedings of International Conference on Advances in Robotics, Energy and	pp.446-457, Dept. of ECE, GCE Salem, Mar 2017



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		Network Systems	
20	A Social Data Mining Approach to Generate Feedback Provision by Understanding Students Learning Experiences	Proceedings of International Conference on Emerging Trends in Engineering Research	Vel's University, Chennai, April 2015
21	A Novel Approach to Educational Big Data Filtering Based on Keyword Recommendation Method	Proceedings of 5th National Conference on Computational Intelligence, Security & Systems	Sona College of Technology, Salem, 2015
22	An Analysis of User Preferences to Educational Big Data Applications by Building Accumulated Knowledge over the Hadoop	Proceedings of 2nd National Conference on Emerging Trends in Advanced Computing and Communication	pp.46, Dept. of CSE, GCE Bargur, 2015
23	Mining Social Media for Understanding Student's Learning Experiences with Feedback Provision	Proceedings of 2nd National Conference on Emerging Trends in Advanced Computing and Communication	pp.45, Dept. of CSE, GCE Bargur, 2015
24	A Study on Computational Intelligence Techniques to Data Mining	Proceedings of 1st International Conference on Data Mining	pp. 247-259, AIRCC Publishing Corporation India, David C. Wyld et al. (Eds) : COSIT, DMIN, SIGL, CYBI, NMCT, AIAPP - 2014. © CS & IT-CSCP 2014 DOI : 10.5121/csit.2014.4924
25	Data Mining Techniques Using Rough Set Theory - A Survey	International Conference on Trends in Technology for Convergence	AVS Engineering College, Salem, in association with the University of OULU, Finland, 2014
26	Voice Recognized Activating the Control of Working Environment Automation System using Smartphone	Proceedings of 1st National Conference on Emerging Trends in Advanced Computing and Communication	pp.36, Dept. of CSE, GCE Bargur, 2013
27	RFID Based Library Management and Alert System using GSM Wireless Technology	Proceedings of National Conference on Computing and Communication	pp.150-153, Ganadipathy Tulsi's Jain Engineering College, Vellore, 2009
28	Embedding Secret Messages in Tamil Documents by Identifying Patterns	Proceedings of National Conference "Vision '07" on High Performance Computing	pp. 78-82, Dept. of CSE, GCE Tirunelveli, 2007

**List of Patents Published:**

S.No.	Publication Date	Journal No.	Application No.	Classification (IPC)	Invention Title
1	07-06-2019	23/2019	201941020280	B66F9/00	Intelligent Control System for Vehicles
2	20/10/2017	42/2017	201741035618	D06F27/00	Washing Machine
3	25/08/2017	34/2017	201741028098	B60L11/18	A Collapsible Electronic Storage Housing for Two Wheeler



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ORCID ID: <https://orcid.org/0000-0001-8752-9772>

Researchgate ID: <https://www.researchgate.net/profile/Selvi-Sivaperumal>

Google Scholar Link: <https://scholar.google.com/citations?user=DHwaDmYAAAAJ&hl=en>

Publons ID: <https://publons.com/researcher/3731630/selvi-sivaperumal/>

**Details of Major R&D Projects: -**

**Participation in Workshops /FDP /Seminars /Schools etc.:**

S. No.	Name of Course	Place	Duration	Programme Sponsoring Agency
1	One Day PoSH Cell Awareness Programme	University College of Engineering, Tindivanam	19 <sup>th</sup> Oct 2022	Prevention of Sexual Harassment Cell, Anna University, Chennai
2	Inculcating Universal Human Values in Technical Education <b>-FDP</b>	Organized by AICTE <b>(Online)</b>	20 <sup>th</sup> – 24 <sup>th</sup> Dec 2021	AICTE
3	Advanced Algorithms <b>-FDP</b>	Organized by IIT Hyderabad <b>(Online)</b>	Between Nov 28, 29, Dec 05, 06 & 12, 2020	TEQIP – III
4	Data Science for All <b>-FDP</b>	PSG Technology-Nodal Center <b>(Online)</b>	from 27-07-20 to 08-08-20	Electronics and ICT Academies – NIT Warangal, IIITDM Jabalpur and NIT Patna
5	Protecting Research Inventions through Intellectual Property Rights <b>-Seminar</b>	Dept. of ECE, GCE, Bargur <b>(Online)</b>	25-07-20	TEQIP -III
6	International Day of Light (IDL- May 2020) <b>- Quiz</b>	Dept. of Physics, School of Science and Humanities <b>(Online)</b>	From 16-05-20 to 18-05-20	Sathya bama Institute of Science and Technology
7	Deep Learning Tools and Techniques <b>-Workshop</b>	Dept. of CSE, CEG Campus	From 26-09-18 to 27-09-18	Anna University
8	Outcome Based Education and NBA Accreditation <b>-Workshop</b>	GCE Bargur	From 28-06-18 to 30-06-18	TEQIP-III
9	Creation of Interactive Video Lectures-Use of ICT Tools in Teaching <b>-- FDP</b>	Dept. of MECH, GCE, Bargur	From 20-06-18 to 21-06-18	TEQIP-III
10	Adaptation of Computational Intelligence in Wireless Communication Systems and Network Security <b>– Winter School</b>	Dept. of ECE, Adhiyamaan College of Engineering, Hosur	From 04-12-17 to 17-12-17	AICTE





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11	Mobile Computing <b>-FDP</b>	Dept. of CSE, GCE, Bargur	From 22-11-17 to 28- 11-17	Anna University
12	Quality Management in Technical Education <b>-Orientation Course</b>	Hotel S.R.Castle, Port Blair, Andaman	From 16-03-17 to 18-03-17	ISTE, Bangalore
13	Time & Stress Management <b>-Orientation Course</b>	Dept. of CSE, GCE, Bargur	From 04-03-17 to 05-03-17	TEQIP -II
14	Formulation of Funded Research and Development Project Initiatives for Engineering Faculty <b>-Orientation Course</b>	Jaipur	From 24-02-17 to 25-02-17	NAFEMS India
15	Pedagogy, Accreditation, Research and Entrepreneurship <b>- Orientation Course</b>	CSDEC, IEI, Shimla	From 25-05-16 to 27-05-16	Engineering Staff College of India, Hyderabad
16	Research Challenges in Neural Networks and Fuzzy Logic <b>-Orientation Course</b>	Dept. of CSE, GCE, Bargur	From 02-04-16 to 03-04-16	BRNS
17	Academic Autonomy – Curriculum Design <b>-Orientation Course</b>	GCE Bargur	04-03-16	TEQIP -II
18	Teaching Learning in Higher Technical Education <b>-Orientation Course</b>	Teaching Learning Centre, IIT Madras	From 22-01-16 to 23-01-16	A Jointly Sponsored initiative of SPFU- TEQIP Tamil Nadu, SPFU-TEQIP Kerala and Teaching Learning Centre, IIT Madras
19	Sponsored Research Programs (Opportunities, Procedures and Best Practices) <b>-Orientation Course</b>	Tamil Nadu State Center, The Institution of Engineers (India)	From 10-09-15 to 12-09-15	Engineering Staff College of India, Hyderabad
20	Patent Registration <b>-Orientation Course</b>	Dept. of ECE, GCE, Bargur	17-04-15	TEQIP -II
21	Stress Management <b>-Orientation Course</b>	Dept. of CSE, GCE, Bargur	17-03-15	TEQIP -II
22	Integrated Cloud Management Services <b>-Workshop</b>	Dept. of CSE, GCE, Bargur	From 27-2-15 to 28-2-15	TEQIP -II
23	Research Methodology <b>-Orientation Course</b>	CEG Campus, Anna University	12-12-14	Anna University
24	Art of Teaching: Pedagogical Tools and Techniques Series III <b>- Orientation Course</b>	Dept. of Management Studies, NIT, Trichy	From 17-11-14 to 21-11-14	NIT, Trichy
25	Formulation of Research & Development Initiatives for Women Scientists and Technologists <b>-Orientation Course</b>	Management Division, ESCI, Hyderabad	From 21-07-14 to 24-07-14	Continuing Professional Development Programme Management Division, ESCI, Hyderabad
26	Research Methodology <b>-Orientation Course</b>	Dept. of ECE, GCE, Bargur	From 17-07-14 to 18-07-14	TEQIP -II
27	MANETS-Opportunities and	Dept. of CSE, GCE,	From	TEQIP -II



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	Challenges <b>-FDP</b>	Bargur	19-5-14 to 25-5-14	
28	Effective Teaching & Learning Pedagogy <b>- Orientation Course</b>	Hotel Le Meridien, Janpath, New Delhi	From 19-02-14 to 21-02-14	ISTE, Bangalore
29	Computational Intelligence for Big Data <b>-Workshop</b>	MIT Campus, Anna University	From 7-2-14 to 8-2-14	Anna University
30	Management Capacity Building <b>-Orientation Course</b>	Centre For Continuing Education –IIT Madras	From 29-1-14 to 31-1-14	IIT Madras
31	Design and Analysis of Algorithms <b>-FDP</b>	Dept. of CSE, GCE, Bargur	From 6-01-14 to 12-01-14	Center for Faculty Development, Anna University
32	Transformational Leadership and Change Management” <b>-Orientation Course</b>	Jaipur	From 18-12-13 to 22-12-13	Jaipur Productivity Centre
33	Institutional Development and Quality Management <b>-Orientation Course</b>	Hotel Le Meridien, Chennai	From 11-12-13 to 13-12-13	ISTE, Bangalore
34	Exploiting Cloud Computing for Real Time Applications <b>-FDP</b>	Dept. of CSE, GCE, Bargur	From 18-11-13 to 24-11-13	TEQIP -II
35	Cyber Disease- Ethical Hacking And Cyber Security <b>-Workshop</b>	Dept. of CSE, GCE, Bargur	From 30-9-13 to 01-10-13	TEQIP-II and i3indya Technologies, New Delhi
36	Role of Parallel Computing in Future <b>-Seminar</b>	Dept. of CSE, GCE, Bargur	From 20-9-13	AICTE
37	Introduction to Research Methodology <b>-Orientation Course</b>	Centre For Continuing Education –IIT Madras	From 30-8-13 to 31-8-13	IIT Madras
38	Research Issues in Data Mining <b>-FDP</b>	Dept. of CSE, GCE, Bargur	From 19-8-13 to 25-8-13	TEQIP -II
39	Data Structures using OOPS <b>-Refresher Course</b>	Centre for Faculty Development- Anna University	From 15-7-13 to 19-7-13	Anna University
40	NBA Process and Preparation <b>-Workshop</b>	Dept. of CSE, GCE, Bargur	08-7-13	TEQIP -II
41	R&D Project Proposals – Awareness, Needs and Benefits <b>-Orientation Course</b>	Centre for Technology Development and Transfer- Anna University	28-6-13	Anna University
42	Recent Trends and Research Challenges in Wireless Networks <b>- Summer School</b>	Dept. of CSE, GCE, Bargur	From 20-05-2013 to 02-06-2013	AICTE



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Participation in Industrial Training:

S. No.	Name of Course	Place	Duration	Programme Sponsoring Agency
1	Mentor for the Students - Summer Internship 2023	Vaayusastra - IIT Research Park, IIT Madras, Chennai	12-07-23	Tamil Nadu Government
2	Mentor for the Students - Summer Internship 2023	M/s. Vortex Engineering Pvt. Ltd. IIT Research Park, IIT Madras, Chennai	12-07-23	Tamil Nadu Government
3	Mentor for the Students - Summer Internship 2023	M/s. Gateway Integrators, Mogappair East, Chennai	13-07-23	Tamil Nadu Government
4	Foundations of AI, ML, FS <b>-Orientation Course</b>	Microsoft+ SAP (Virtual Mode)	From 13-02-23 to 17-02-23	Naan Mudhalvan – Massive Skill Enhancement Initiative for Youth of Tamil Nadu CTE
5	Machine Learning with Applications to Object Recognition <b>-Orientation Course</b>	Infosys, Bangalore	29 <sup>th</sup> Sep 22	Naan Mudhalvan – Massive Skill Enhancement Initiative for Youth of Tamil Nadu CTE
6	Communication and Networking Technologies <b>-Workshop</b>	BSNL, Ambattur	From 08-06-20 to 26-06-20	Rajiv Gandhi Memorial Telecom Training Centre, (Govt. of India Enterprise), Chennai
7	Foundation Program 5.0 <b>-Refresher Course</b>	P.A.College of Engineering and Technology, Pollachi	From 13-02-17 to 17-02-17	Infosys Limited, Bangalore
8	Python Programming and Database Concepts <b>-Refresher Course</b>	School of Engineering and Technology, Jain University, Bangalore	From 20-06-16 to 25-06-16	Infosys Limited, Bangalore
9	IBM Seed Program <b>-Workshop</b>	Dept. of CSE, GCE, Bargur	From 06-7-15 to 08-7-15	Software Engineering for Educational Development, IBM Software group
10	Hadoop- A Practitioner's Approach <b>-Refresher Course</b>	Sri Siddhartha Institute of Technology, Tumkur, Karnataka	From 5-5-14 to 7-5-14	Infosys Limited, Bangalore
11	Foundation Program 3.1 <b>-Refresher Course</b>	Mahendra College of Engineering- Salem	From 3-6-13 to 7-6-13	Infosys Limited, Bangalore



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**Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor):**

S.No.	Title of the Activity	Level of Event (International/National/ State/Local)	Date(s)	Role	Venue
1	One Day Technical Seminar for II/III Year CSE Students on IoT – Practical Approach	Local	18-10-2023	Coordinator	GCE Bargur
2	One Day Seminar for II/III/IV Year CSE/ECE/EEE/MECH Students on Beyond College Bells	Local	13-10-2022	Coordinator	GCE Bargur
3	Value Added Course six days programme on "Employability Breakthrough Skills Training"	Local	From 19/09/2022 to 24/09/2022.	Coordinator	GCE Bargur
4	One Day Seminar for II/III/IV Year CSE/ECE/EEE/MECH Students on Ethical Hacking	Local	29-8-2022	Coordinator	GCE Bargur
5	GATE Coaching - An initiative of the Government of Tamil Nadu in association with the Department of Technical Education, Chennai conducted online mode for B.E 2 <sup>nd</sup> ,3 <sup>rd</sup> ,4 <sup>th</sup> Year students of 10 Government College of Engineering	State	GATE 2022	Coordinator	GCE Bargur
6	Seminar and Competition on Legal Rights for Women, National Commission of India as per directed by Anna University, Chennai for the First Year Girls' Students	Local	20-21 November 2017	Coordinator	GCE Bargur
7	Advance IT / ITES Skill Training with International Certificate Program for the Final Year CSE and ECE Students by ICT Academy of Tamil Nadu Sponsored by "Tamil Nadu Skill Development Corporation" Government of Tamil Nadu	Local	Aug-Sep 2017	Coordinator	GCE Bargur

**Invited Talks Delivered:**

S.No.	Topic	Date	Inviting Organization, Role etc.,
1	Recommender Systems	23 Nov 2023	Session Speaker in the ATAL Academy Sponsored Basic ATAL FDP on "Machine Learning and Data Science for Cross Domain



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			Applications” Organized by Dept. of CSE, Jai Shriram Engineering College, Tirupur
2	(IEEE) International Conference on Innovative Data Communication Technologies and Application - <b>ONLINE</b>	14-16 March 2023	Session Chair (Session-6, Parallel Session -3), Organized by Graphic Era Hill University, Dehradun, India
3	Creating Email Account, Sending & Receiving Emails in Gmail	From 18-5-2022 to 19-05-2022	Session Speaker during the “Digital Literacy Promotion Programme under SANKALP for Self Help groups” Organized by Tamil Nadu Skill Development Corporation at Dept. of CSE, GCE Bargur
4	Compiler Design – An Analytical View (Through Online)	From 09-05-2022 to 10-05-2022	Guest Lecture, Dept. of Computer Science and Engineering, Jai Shriram Engineering College, Tirupur
5	Compiler Design	6 <sup>th</sup> – 11 <sup>th</sup> Dec 21	GATE ONLINE CLASSES (CSE) – An initiative of the Government of Tamil Nadu in association with the Department of Technical Education, Chennai conducted online mode for B.E 2 <sup>nd</sup> ,3 <sup>rd</sup> ,4 <sup>th</sup> Year students coordinated by GCE Bargur

**Membership of Learned Societies:**

S.No.	Type of Membership (Ordinary Member / Honorary Member / Life Member)	Organization	Membership No. with date
1	Fellow Member (Lifetime)	International Association of Engineers	248513
2	Fellow Member (Lifetime)	The Institution of Engineers (India)	M-1539412
3	Fellow Member (Lifetime)	Indian Society for Technical Education	LM-5665

**Role and Responsibilities Held at GCE Bargur (2021 – Till Date)**

- Acting as Deputy Warden from March 2023
- Acting as Library Officer-In-Charge from January 2023
- Acting as Chief Superintendent from April 2022
- Acting as Pharmacy-In-Charge from February 2022
- Acted as Course Mentor for the Mandatory Course Foundations of AI, ML, FS (Online) under the Naan Mudhalvan Scheme for the Second Year Students during the Academic Year 2022-23 - A Government of Tamil Nadu Initiative
- Acted as Course Mentor for the Mandatory Courses Machine Learning with Application to Object Recognition and Machine Learning (Online) under the Naan Mudhalvan Scheme for the Prefinal and Final Year Students during the Academic Year 2022-23 - A Government of Tamil Nadu Initiative
- Acted as Course Mentor for the Course Machine Learning for Real World Application (Online) Conducted by TCS under the TCS ion Programme for the Final Year Students during the Academic Year 2022-23
- Acting as Course Mentor for the NPTEL Course on Introduction to Internet of Things (Online) for Final Year CSE Students during the Academic Year 2023-24
- Acted as Course Mentor for the NPTEL Course on Natural Language Processing (Online) for Third Year CSE Students during the Academic Year 2022-23



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- Has been in Charge of Faculty Advisor of CSE Students (Batch 2020-24)
- Has been in Charge of the Foreign Language Lab - A Government of Tamil Nadu Initiative
- Has been in Charge of the Multimedia Lab
- Has been in Charge of Department Co-Ordinator to conduct Infosys Campus Connect Program
- Assisting the Head of the Department to the Departmental Discipline Committee
- Assisting the Head of the Department to Institution NAAC Work

**Role and Responsibilities Held at GCE Bargur (2013 - 2019)**

- Acted as Course Mentor for the NPTEL Course on The Joy of Computing Using Python (Online) for Third Year CSE Students during the Academic Year 2018-19
- Acted as Course Mentor for the NPTEL Course on Computational Science and Engineering Using Python (Online) for Second Year CSE Students during the Academic Year 2016-17
- Acted as Course Mentor for the NPTEL Course on Programming, Data Structures and Algorithms in Python (Online) for Second Year CSE Students during the Academic Year 2016-17
- Had been in Charge of Faculty Advisor of CSE Students (Batch 2010-14, 2015-19)
- Had been in Charge of Digital and Microprocessor Lab
- Had been in Charge of Cloud Computing Lab
- Had been in Charge of ICT Co-Ordinator
- Had been in Charge of Department Co-Ordinator to conduct Infosys Campus Connect Program
- Assisted to Head of the Department to Maintain the Departmental Alumni Records (Student Profile)
- Assisted to Head of the Department to Departmental Stock Maintenance
- Assisted to Head of the Department to Departmental NBA Work (Outcome Based Accreditation-Tier II)
- Assisted to Head of the Department to Departmental TEQIP-II Financial Sub Committee Work
- Assisted to Head of the Department to Departmental Discipline Committee
- Assisting to Controller of Examinations, Autonomous Office
- Acted as a Residential Tutor for the Hostel Girls Students
- Assisting to Head of the Department to Institution NAAC Work