

Faculty Profile



Dr. S. Thirunavukkarasu M.C.A., M.E., Ph. D
Associate Professor – CSE

HIGHLIGHTS:

- Number of Journal Publications: 42
- H-Index: 2
- Project Funding Received: --
- Patents Published: 1
- Patents Granted: yes

PROFESSIONAL LINKS:

- Scopus ID: 57191676090
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=57191676090>
- Google Scholar ID:
<https://scholar.google.com/citations?user=aRAPrHUAAAAJ&hl=en&authuser=2>
- Anna University Faculty ID: 314478
- AICTE Faculty ID: 1-3740193473
- Anna University Supervisor ID: --
- LinkedIn: <https://www.linkedin.com/in/thirunavukkarasu-samidurai-95349a305/>

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 10 years
- Industrial Experience: 6 years

INTERNATIONAL EXPOSURE: ---

AREA OF SPECIALIZATION:

- Network Optimization
- Advanced Java Programming
- Python Programming
- Artificial Intelligence
- Machine Learning with Python

Ph.Ds AWARDED WITH DETAILS:

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time
1	S. Thirunavukkarasu	Design of Network Traffic Models for Optimal Management	2019	Part Time

Ph.Ds GUIDING:

- **Full Time Scholars: --**
- **Part Time Scholars : --**

SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY: ---**PATENTS PUBLISHED/GRANTED:**

Granted patent on “Design of Network Traffic Models for Optimal Management

COURSES CERTIFIED:

- Completed 4 months Online Course “Data Analytics with Python” conducted by Swayam NPTEL, IIT Kanpur from January to April 2020 (12 weeks)
- Completed 4 months Online Course “Introduction to Machine Learning” conducted by Swayam NPTEL, IIT Kanpur from January to April 2021 (12 weeks)

ACHIEVEMENTS AND AWARDS:

- Passed Cloud Infrastructure and Services Exam on February 2014 at EMC Academic Associate
- Received a Best Teacher Award in the academic year 2018-2019.

SPECIAL SESSIONS DELIVERED: ---

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

National/International Conferences

- Presented Paper on National Conference at Gojan School of Business and Technology (NCRIT'12) on the topic “Logarithm Barrier Based Multipath Protocol For Internet Traffic Management” on 17th March 2012 .
- Presented Paper on National Conference at Shri Andal Algar College of Engineering on the topic “Preventing Malicious Attacks Using Decentralized Communication Networks” on 14th March 2014.
- Presented Paper on National Conference at Tagore Engineering College on the topic “Mining and Clustering of Location Based Services on Basis of Moving Transactions” on 15th March 2013.
- Presented Paper on National Conference at Tagore Engineering College on the topic “Efficient Allocation of Dynamic Resources in a Cloud” on 15th March 2013.
- Presented Paper on National Conference on Bigdata and Smart Clouds (NCBSC'17) at BIHER on the topic “Trust based Routing Protocols in Wireless Sensor Networks” from 23rd to 24th March 2017.
- Presented Paper on International Conference at Tagore Engineering College (ICECC-2014) on the topic “To Provide Security & Integrity for Storage Service in Cloud Computing” on 13th and 14th March 2014.
- Presented Paper on International Conference at KL University, AP on Emerging Thermo Nano AI for Sustainable Future Energy Devices (ICETNAI-2025) in the title of “Exploring Machine Learning Models for White Wine Quality Prediction (ICETNAI 2025) from 29-12-25 to 31-12-25

Workshop

- Participated in the workshop on Web Services on 3rd Oct 2012 in Department of Computer Science and Engineering in G.K.M College of Engineering and Technology.
- Participated National Level workshop on Networking Training held at Bharath University on 10th-11th January 2014 conducted by the Department of Computer Applications.
- Participated in the Workshop on Research Article Writing and Publication held at Bharath University during 18th,19th and 20th December 2013 conducted by the Department of Research and Development.
- Participated in the Workshop on Research Innovation in Software Engineering (RISE) organized by the Department of Computer Science and Engineering during December 8-9, 2017. in SSN College of Engineering
- Participated in one day online workshop on Microwave Remote Sensing in Agriculture held at IIRS Outreach network centre, BIHER on 28.03.2019.
- Participated in one day online workshop on “Cyber Law, Privacy Policies & Legal Considerations” conducted on 31.12.2025, BIHER on 28.03.2019. , organized by CAWACH Kendra(Cybersecurity Awareness And Creative Handholding Kendra), a state level centre under Education Department, Government of Gujarat.

- Participated five days Faculty Development Program on “Cloud Infrastructure and Services” Conducted by ICT Academy of Tamil Nadu from 08th to 12th of July 2013 held at ICT Academy of Tamil Nadu, Chennai
 - Participated three days CEDSE Student Potential Division training programme on “Robotics and Virtual Intelligence” at EVERMA 2018 conducted at Bharath Institute of Science and Technology, Chennai during 26- 28 February 2018.
 - Participated two days Faculty Development Program on “Biological Sciences” conducted at Bharath Institute of Science and Technology, Chennai during 15- 16 March 2018.
 - Participated three days Online Faculty Development Program on “Advanced Networking Technologies” Conducted by Shadan College of Engineering and Technology, Hyderabad from 13th to 15th of June 2020.
 - Participated six days Online Faculty Development Program on “Data Science with R Programming for Data Analytics” Conducted by Sharad Institute of Technology College of Engineering from 4th to 9th of June 2020.
 - Participated three days Online Faculty Development Program on “Research Methodology” Conducted by Community Institute of Commerce and Management Studies from 26th to 28th of June 2020 and also attended the quiz for the same and got 90% of marks.
 - Participated seven days National Level Online Bootcamp of Career Building with Python Conducted by Codegnan IT Solutions from 1st to 7th of June 2020.
 - Participated six days Online Faculty Development Program on “Data Science Using Python” Conducted by Mohamed Sathak A J College of Engineering held from 25.05.2020 to 30.05.2020 conducted by the Department of Computer Science and Engineering in association with CSI Chapter Kancheepuram.
 - Participated Two-Week Online AICET Faculty Development Program on “Data Science Using Python” Conducted by Shri Vishnu Engineering College for Women Bhimavaram, India held during 23.11.2020 to 05.12.2020
 - Participated One Week Online Faculty Development Program on “Java Programming” hosted by Syed Ammal Engineering College, Ramanathapuram in Association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. from 06.07.2020 to 11.07.2020.
 - Participated One Week Online Faculty Development Program on “Java Programming” hosted by Syed Ammal Engineering College, Ramanathapuram
 - in Association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India. from 06.07.2020 to 11.07.2020.
 - Participated Ten days National Level Online Bootcamp of Career Building with ReactJS Conducted by Codegnan IT Solutions from 22.06.2020 to 01.07.2020.
 - Participated Ten days National Level Online Bootcamp of Career Building with ReactJS Conducted by Codegnan IT Solutions from 22.06.2020 to 01.07.2020.
 - Participated 7 days FDP on The Gen Z Effect: Innovation, Impact and the Future of Industry” organized by Star International Foundation for Research and Education on 02.10.2025-08.10.2025.
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- Participated 5 days virtual FDP from 2nd Feb to 6th Feb, 2026 titled “Marketing Analytics” organized by Department of Management Studies at Saveetha Engineering College.

PROFESSIONAL MEMBERSHIPS:

- IAENG
- ISDE

OTHER DETAILS (If any): --