S. Sangeetha B.Tech.,M.Tech.,

Emp Code: CSE2476
Assistant Professor II, Dept of Computer Science and Engineering
Velammal College of Engineering and Technology, Madurai
e-Mail Id: san@vcet.ac.in

Educational Qualification:

Degree	Branch/Specialization	Name of the College & University	Year
M.TECH	Computer Science and Engineering	Karunya Institute of Technology and Sciences, Coimbatore. (Karunya University)	2013
B.TECH	Information Technology	P.T.R College of Engineering and Technology, Madurai. (Anna University,Tirunelveli)	2011

Experience in Years: 9 Years 11 Months

Employment History:

Name of the Organization	Designation	Date of joining	Date of relieving
Velammal College Engineering and Technology, Madurai	Assistant Professor II	03-6-2024	till date
Mohamed Sathak Engineering College, Kilakarai	Assistant Professor	10-7-2023	05-6-2024
Sethu Institute of Technology. Kariapatti	Assistant Professor	19-5-2014	16-5-2023

Interested Research Areas: Data Mining, Data Science

Scholarships and Awards received: NIL

Certification Course

- Completed a certification course as a 'CISCO CERTIFIED AND NETWORK ADMINISTRATION' **(CCNA).**
- Completed a International certification course as a 'BIG DATA SCIENCE AND ANALYTICS, ICTACT.
- Got Elite certification from IIT Madras for the NPTEL course "Big Data Computing", Feb- Apr 2019.

- Got Elite certification from IIT Madras for the NPTEL course "Business Fundamentals for Entrepreneurs (Part 1: Internal Operation)",Aug - Sep 2023.
- Got Certificate of Academic Excellence , produced above 90% result (Subject: Design and Analysis of Algorithms) in Anna University Examinations held in NOV/DEC 23.

Funded Research Projects: NIL

     Funding Agency:

     Scheme:

     Title:

     Sanctioned Amount:

     Year:

     Principal Investigator(PI):

     Co-PI:

Patent rights received: NIL

Publications Details:
  1. Patent Journal Publication Details: NIL
  2. International Journal Publication Details:

- Published a Survey Paper on **"COVERAGE PROBLEMS IN WIRELESS SENSOR NETWORKS"** in International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), Volume 1, Issue 10, ISSN: 2278-1323, December 2012.

- Published a Paper on **"CLUSTERING APPROACH FOR MAXIMIZING THE LIFETIME OF WIRELESS SENSOR NETWORKS" in International Journal of Engineering Research and Applications (IJERA), Vol.3, Issue 2, ISSN: 2248-9622, pp.921-927.**

- Published a paper in International Journal of Innovative Technology and Exploring Engineering (IJITEE) titled as **"EFFECTIVE IMPLEMENTATION OF PADLET ICT TOOL FOR ENGINEERING EDUCATION"** ISSN: 2278-3075, Volume-8 Issue-8 June, 2019.

- Published a paper in ICTACT Journal on Microelectronics titled as **"INTEGRATING AI-DRIVEN ON –CHIP NEURAL NETWORKS INTO SOC ARCHITECTURES"** ISSN: 2395-1680, Volume-9, Issue-3 October, 2023.

3. International Conference Presentation Details: NIL

4. National Conference Presentation Details:

1. Presented a Paper on title "Detection of Abnormal Activities Captured by CCTV Using Machine Learning" in the First Series of National Conference – NCON'24 on the topic "National Conference on Recent Trends in Computer Science Engineering- NCRTCS 2024" on 22nd 16 April 2024 at SRM Madurai College for Engineering and Technology, Madurai.

2. Presented a Paper on title "A Survey on Search Strategies,Future Directions and their Applications in Artificial Intelligence" in the First Series of National Conference – NCON'24 on the topic "National Conference on Recent Trends in Computer Science Engineering- NCRTCS 2024" on 22nd 16 April 2024 at SRM Madurai College for Engineering and Technology, Madurai.

3. Presented a Paper on title "Analysis Of Rainfall Prediction Using Data Mining Techniques" in the National Conference on Hi-Tech Trends in Emerging Computational Technologies on 22nd March 2019 at Sethu Instituteof Technology , Kariapatti, Virudhunagar.

4. Presented a Paper on title "Effective Implementation of Padlet ICT Tool for Engineering Education" in the National Conference on Hi -Tech Trends in Emerging Computational Technologies on 22nd March 2019 at Sethu Institute of Technology , Kariapatti, Virudhunagar.

5. Presented a Paper on title "Automatic Detection Of Blood Vessel In Retinal Images Using Probabilistic Neural Network" in the National Conference on Hi- Tech Trends in Emerging Computational Technologies on 22nd March 2019 at Sethu Institute of Technology , Kariapatti, Virudhunagar.

6. Presented a Paper on title "Dependable Data Outsourcing Scheme Based on Clouds-of-Clouds Approach with Fast Recovery" in the National Conference on Hi- Tech Trends in Emerging Computational Technologies on 22nd March 2019 at Sethu Institute of Technology , Kariapatti, Virudhunagar.

7. Presented a Paper on title "Analysis of Student Performance using Data Mining Techniques" in the 8th National Conference on Emerging Computational Technologies, vSITCON 2020 at Sethu Institute of Technology September 4th 2020 , Kariapatti, Virudhunagar.

8. Presented a Paper on title "A Framework to identity the hidden features for GLAUCOMA Diagnosis using CNN algorithm" in the 8th National Conference on Emerging Computational Technologies, vSITCON 2020 at Sethu Institute of Technology, September 4th 2020, Kariapatti,Virudhunagar.

Workshop

- Participated a Two Days Workshop on 'CLOUD COMPUTING' at Sethu Institute of Technology, Madurai.
- Participated a Two Days Workshop on 'INTERNET OF THINGS' at Sethu Institute of Technology, Madurai.
- Participated a Two Days Workshop on 'MOBILE APPLICATION DEVELOPMENT' at K.L.N. College of Information Technology, Madurai.
- Participated a One Day Workshop on ' SCILAB TRAINING' at Sethu Institute of Technology, Madurai.
- Participated a workshop on 'Two days National Workshop Hands on Training in NS-2' at SNSCollege of Engineering, Coimbatore.
- One Day Workshop on INTELLECTUAL PROPERTY RIGHTS & INNOVATIONS' at Sethu Institute of Technology, Madurai.
- Workshop on 'SOFTWARE INSTALLATION AND HARDWARE MAINTENANCE at Sethu Institute of Technology, Madurai.

Seminar

- Participated a ISRO Sponsored National Seminar on ' RESEARCH CHALLENGES IN SPACE SENSING AND REMOTE SENSING' at Sethu Institute of Technology, Madurai.
- Participated a Two Days National Seminar on 'BIG DATA ANALYTICS' at Sethu Institute of Technology, Madurai.
- Participated a National Seminar on 'INTELLECTUAL PROPERTY RIGHTS' conducted by "Research & Development Innovation Cell at Sethu Institute of Technology, Madurai.
- Participated a One Day Seminar on 'IMAGE PROCESSING AND REMOTE SENSING' at Sethu Institute of Technology, Madurai.
- Participated a National Seminar on 'BIG DATA ANALYTICS' at Sethu Institute of Technology, Madurai.

Faculty Development Programme Details

S.NO	Date and Duration	Course Name	Industry /Institute Name
1.	12.06.14 to 18.06.14	One Week Faculty Development Program on 'CS2303 THEORY OF COMPUTATION	Sethu Institute of Technology, Madurai.
2.	17.07.14 to 18.07.14	Faculty Induction Programme,2014"	Sethu Institute of Technology, Madurai.
3.	15.12.14 to 21.12.14	One Week Faculty Development Program on "Innovative Research Prospects on Wireless Sensor Networks:	KLN College of Information Technology, Madurai
4.	02.12.15 to 03.12.15	Internal Faculty Development Program on Effective Usage of Language in Classrooms.	Sethu Institute of Technology, Madurai.
5.	22.06.16 to 01.07.16	Department of Science & Technology (DST), Big Data Initiative Division (BDID) New Delhi Sponsored Ten Days Training Programme on BIG DATA ANALYTICS	KLN College of Information Technology, Madurai
6.	05.12.16 to 09.12.16	EMC Academic Associate, Data Science andBig Data Analytics.	Lady Doak College, Madurai
7.	07.11.17 to 20.11.17	AICTE Sponsored Faculty DevelopmentProgramme on Cyber Information Security	Sethu Institute of Technology, Madurai.
8.	26.11.18 to 30.11.18	Faculty Development Program on Machine Learning Using Python, SIT in Association with Monkfox	Sethu Institute of Technology, Madurai.
9.	8 Weeks Feb-Apr 2019	NPTEL – AICTE Faculty Development Programme on Big Data Computing	AICTE
10.	20.04.20 to 30.04.20	FDP on Data Science Using Python(3.4.3) and R tool (Spoken Tutorial)	Easwari Engg College, Chennai
11.	11.05.20 to 15.05.20	FDP on CS6701-Crptography and NetworkSecurity	Panimalar Institute of Technology, Chennai
12.	22.05.20 to 26.05.20	5-Days FDP-AI	Lendi Institute Engineering & Technology and Braino Solutions
13.	25.05.20 to 30.05.20	FDP on LaTex, iPython & R tool	Guru Nanak University, Hydrabad -IIT Bombay Spoken tutorial.
14.	08.06.2020 to 13.06.20	Online 1 week FDP on Advance Research Methodology and Innovative Teaching Pedagogy"	Tulsiramji Gaikwad – Patil College of Engineering and Technology, Nagpur.
15.	13.07.20 to 17.07.20	Deep Learning with Matlab and Python	SRM Institute of Scienceand Technology

S.NO	Date and Duration	Course Name	Industry /Institute Name
16.	03.8.2020 to 05.08.20	Recent Trends in Wireless CommunicationTechnologies	Bangalore Institute of Technology
17.	30.11.20 to 04.12.20	Five days online FDP on "Recent Computing Technologies"	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
18.	19.07.2023 to 27.07.2023	One Week Online AIU Sponsored Faculty Development Programme on Outcome Based Education for Effective Learning and Teaching	Association of Indian Universities & Amet University, New Delhi
19.	21.07.23 to 25.07.23	Five days online FDP on "Trends in Technological Intelligence 2023 (T2 I-2023)"	Babu Banarasi Das Northern India Institute of Technology, Lucknow
20.	4 Weeks Aug-sep 2023	NPTEL – AICTE Faculty Development Programme on Business Fundamentals for Entrepreneurs (Part 1: Internal Operation)	AICTE
21.	21.08.2023 to 25.08.2023	One Week National Level Faculty development Program on Cloud Infrastructure (AWS)	Lendi Institute of Engineering and Technology , AP in Collaboration with Brainovision Solutions India Pvt Ltd, All India Council for Technical Education (AICTE)
22.	25.08.2023 to 31.08.2023.	10 Hours National Faculty Development Program on Learning for NLP and Computer Vision	NIST Institute of Science and Technology (Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd.
23.	30.10.2023 to 04.11.2023	Five Days Online Faculty Development Programme on " AI Based Edge and Fog Computing A Future Direction"	Sri Krishna College of Engineering and Technology, Coimbatore
24.	30.10.2023 to 03.11.2023	One Week Faculty development Program on Artificial Intelligence and Language Teaching	SRM Institute of Science and Technology college of Science and Humanities, Ramapuram
25.	08.01.2024 to 27.01.2024	21 Days Masterclass on Generative AI	Pantech Learning Pvt Ltd

Webinar Attended Details

S.NO	Date and Duration	Course Name	Industry /Institute Name
1.	15.05.20	Webinar on Research Gateway	Annai College of Arts and Science, Trichy
2.	16.05.20	Leadership talk	MHRD's Innovation Cell, AICTE
3.	18.05.20	Webinar on A Guide to Build a Surveillance Drone	Hindusthan College of Engineering & Tech&Sai Incubation centre.
4.	15.5.20 & 17.05.20 &19.05.20- May 2020	AWS, Software Testing and Spring	STAD Solution
5.	21.05.2020	Webinar on Artificial Intelligence Techniques for Smart Grid Applications	KPR Institute of Engineering and Technology
6.	23.05.20	Webinar on Online Teaching Learning Tools	Kings College of Engineering, Punalkulam
7.	23.05.20	Webinar on Introduction to Digital Transformations	S.A Engineering College, Chennai
8.	30.05.20	Webinar on Cloud Computing: AWS	STAD Solution
9.	30.05.20	Webinar on Brain Computer Interface	Mahendra Engineering College
10.	01.06.20	Webinar on Agile Methodology	Kings College of Engineering
11.	13.06.20	International Webinar on IIOT – Real Time Approach	R.V.S College of Engineering
12.	17.06.20	Webinar on Cancer in Female: Awareness, Screening and Prevention	Cambridge Institute of Technology, Bangaluru.
13.	19.06.20	Webinar on the theme Deep Learning & its Applications	R.V.S College of Engineering
14.	19.06.20	Webinar on Big Data Analytics	Vivekanandha College of Technology for Women,Tiruchengode
15.	21.06.20	National Level Webinar on "How to write Effective Research Paper"	South Gujarat Pradhyapak Prakashan Sahkari Madali Ltd, Surat, Gujarat, India.
16.	26.06.20	Webinar -"Inspiring Passion At Workplace: Sure Shot Approach To Success"	Kings College of Engineering
17.	29.06.20	Webinar on Pedagogy for online Teaching Learning and Evaluation	Nanasaheb Mahadik College of Engineering, Peth.
18.	25.07.20	International Webinar on Research Challenges, issues and Counter Measures in IoT Security"	Kings College of Engineering
19.	27.07.20	International Webinar titled Introduction to Machine Learning	Kings College of Engineering,Punalkulam,Pudukottai
20.	01.08.20	Webinar on Data Analytics and Visualization	SIT Organized By CSE

S.NO	Date and Duration	Course Name	Industry /Institute Name
21.	08.08.20	Webinar on The major changes in the concepts and Practices of our Life style after COVID -19	SIT
22.	16.08.20	Webinar on " Building Soft Skills - A Corporate Way"	SIT
23.	18.08.20	Webinar on Efficient Technkques for Image Decolorization	SIT
24.	19.08.2020.	Webinar on "ANSIBLE : An OverviewThe Next Decade Technology"	Sethu Institute of Technology in association with WinWays Infomatics Pvt Ltd, Madurai
26.	03.09.20	Webinar on E-Learning using LMS tools	Sri Krishna Institute of Technology, Bangalore (Sri Raghavendra Educational Society)
27.	19.09.20	Webinar On Tamil Nadu Students Innovators Awareness Webinar 2020	EDC, SIT
28.	26.09.2020	Webinar on "Cloud Opportunities"	SIT
29.	03.10.20	Live Webinar on Introduction to Functional Programming To Java	SIT ,organized by Dept of ECE
30.	30.09.2023	Webinar on "Artificial Emotional Intelligence"	SRM, Madurai College for Engineering and Technology, Madurai.
31.	28.10.2023	Webinar on "Intelligent Agents a Paradigm Shift to Information Technology"	SRM, Madurai College for Engineering and Technology, Madurai.

5. Google Scholar report:

Sangeetha S ✎   ✉ FOLLOW
Assistant Professor of Computer Science Engineering
No verified email - Homepage
Computer Networks   Wireless Sensor Networks

☐ TITLE ⊞ ⋮	CITED BY	YEAR
☐ "Effective Implementation of Padlet ICT Tool for Engineering Education" International Journal of Innovative Technology and Exploring Engineering ...		2019
☐ Automatic Detection Of Blood Vessel In Retinal Images Using Probabilistic Neural Network" National Conference on Hi-Tech Trends in Emerging Computational Technologies		2019
☐ " Dependable Data Outsourcing Scheme Based on Cloud-of-Clouds Approach with Fast Recovery" National Conference on Hi-Tech Trends in Emerging Computational Technologies		2019
☐ "Effective Implementation of Padlet ICT Tool for Engineering Education" National Conference on Hi-Tech Trends in Emerging Computational Technologies		2019
☐ "Analysis Of Rainfall Prediction Using Data Mining Techniques" National Conference on Hi-Tech Trends in Emerging Computational Technologies		2019