

PROFILE

Name of the Staff : AMSAVENI K
Designation : Assistant Professor (Senior Grade)
Date of joining in the college : 05.07.2023
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Vidwan Profile : <https://vidwan.inflibnet.ac.in/profile/294695>



➤ Educational Qualification :

Educational Qualification	Branch	Name of the Institution/University	Yr. of Passing	% of Marks	Class/Division
Ph.D	Information and Communication Engineering	Anna University	Pursuing	-	-
M.E	Computer and Communication	National Engineering College, Kovilpatti.	2013	8.16 (CGPA)	First Class
B.E	Computer Science and Engineering	Francis Xavier Engineering College, Tirunelveli	2011	72%	First Class

➤ Professional Experience :

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti.	05.07.2023–TillNow	Teaching
Assistant Professor	P.S.R. Engineering College, Sivakasi	25.05.2017-30.6.2023	Teaching
Assistant Professor	Einstein College of Engineering, Tirunelveli.	12.06.2013-29.04.2016	Teaching

➤ **No. of years of Experience** i.NEC : 3 Years ii. Other Colleges: 9 Years

➤ **Membership in Professional Bodies: IAENG**

➤ **List of International Conferences Attended:**

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1.	Swetha G Princy Selvarani A Ajeebha A Naskath J Amsaveni K	SAFE ROUTE AI – Enhancing Women Safety Through Intelligent Route Guidance and Rapid Emergency Response	2nd International Conference on Sustainability and Technological Advancements in Engineering Domain (SUSTAINED-2026) Organized by: Manav Rachna International Institute of Research and Studies, Faridabad	2026
2.	Devi Karthika P Naskath J Amsaveni K	Optimizing Energy Consumption through Predictive Analytics	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE)	2025
3.	Amutha S Amsaveni K Alagulakshmi A Felcia Selvin I Uma Maheswari G	Efficient Mechanism for Identifying Appropriate Phishing Websites Utilizing Machine Learning	International Conference on Intelligent Computing and Control Systems (CICCS 2025) organized by Nandha College of Technology, Erode, India	2025
4.	K.Amsaveni Annapoornima A	Sentimental Analysis in Online Social Media using Machine Learning	International Conference on Advanced Innovation in Technologies (ICAIT 2025)	2025
5.	K.Amsaveni	Research Trends in AI & IoT for Infrastructure and Industry (AIII 2024)	Research Trends in AI & IoT for Infrastructure and Industry (AIII 2024) – Participation -Anna university Chennai	2024
6.	K.Amsaveni Amutha S	Enhancing Darknet Classification in Cyber security using Stacking Ensemble Learning	8th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS 2024) organized by Shree Venkateshwara Hi-Tech Engineering College, Gobichettipalayam,	2024

			Erode	
7.	Chandralekha R Sanmuga priya M D.Selvathi G.Subhashini Amsaveni K Mareeswari G	Alzheimer's Disease Detection using Deep Learning: A GoogLe Net-based Classification Framework at the	9th International Conference on Inventive Systems and Control (ICISC 2025) organised by JCT College of Engineering and Technology.	2025
8.	Chandrakekha R Srirenganatchiyar V Marichamy P Amsaveni K Kasiraman R	Analyzing the Pathogenic Relationship between the Heart and Kidney Using Bio signals	IEEE International Conference on Augmented reality, Intelligent Systems and Industrial Automation (ARIIA - 2024) in Manipal Institute of Technology, Manipal	2024
9.	K.Amsaveni Amutha S Krishnaveni R	Predictive Modeling For Network Anomaly Detection using Machine Learning	International Conference on Sustainable Computing And Smart Systems (ICSCSS 2024)	2024
10.	K.Amsaveni R.Shamili	Air Pollution Prediction Using Machine Learning	International Conference on Recent Trends in Computer Science Engineering and Technology (KIRST'23)	2023
11.	K.Amsaveni	Security Enhancement In MANET Using Game Theory Approaches	International Conference on Innovations in Science, Technology and Management Towards Sustainability	2017
12.	K.Amsaveni	A survey on leader election models in mobile AdHoc Networks	International Conference on E- Governance	2013

➤ **National Conferences Attended:**

S.No	Name of the Faculty	Title of the Paper	Name of the Conference	Year of publication
1	K.Amsaveni	Effective Key Management in Wireless Sensor Networks	Conference in Electrical, Electronics, Communication and Computing Technologies-2k16	2016

➤ **Faculty Development Programs Attended :**

S.No	Institution	Topic	Course Detail	Date
1.	Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology	Enhancing cyber Threat Detection Through Incorporating Digital Technologies	ATAL - Faculty Development Program	09.12.2024 – 14.12.2024
2.	Dept. of Research & Publications, A2Z Edu-ScaleU	Innovative Teaching Strategies with AI and Digital Tools	Faculty Development Program	30.12.2024
3.	Velammal Institute of Technology, Chennai in association with Reccsar Pvt. Ltd.	Cyber security Essentials: Safeguarding Digital Infrastructure" organized by the Department of Information Technology, from	Faculty Development Program	18.08. 2025 - 22.08 2025
4.	MLR institute of technology, Hyderabad	Machine Learning in Big Data Applications and Security Challenges	Faculty Development Program	24.04.2023- 29.04.2023
5.	National Engineering College, Kovilpatti	Deep Learning – An Industrial Approach and Hands-on Training	Faculty Development Program	17.08.2024 &18.08.2024
6.	NPTEL	Microsoft Power BI Data Analyst Associate	Faculty Development Program	May 26-May 30,2025
7.	KPR Institute of Engineering and Technology, Coimbatore	Machine Learning, Data Science and AI	STTP	05.02.2024- 16.02.2025
8.	National Engineering College, Kovilpatti	CS3501-CompilerDesign	Faculty Development Program	31.07.2023- 05.08.2023
9.	NPTEL	Design Thinking	Faculty Development Program	Jul-Aug2023
10.	Motilal Nehru National Institute of Technology, Allahabad	Security aspects in Computer Science and its Applications	Faculty Development Program	17.10.2022- 21.10.2022.
11.	Geethanjali college of Engineering and Technology, Hydrabed.	“Machine Learning Algorithms for Dead Time Systems (MLADTS)”	Faculty Development Program	24.01.2022- 29.01.2022
12.	ICT Academy	Creative Thinking	Faculty Development Program	27.01.2020- 29.01.2020.
13.	ICT Academy	Introduction to Big Data Analytics”	Faculty Development	30.05.2019- 31.05.2019.

			Program	
14.	ICT Academy	Introduction to python programming	Faculty Development Program	01.08.2019-03.08.2019.
15.	National Institute of Technical Teachers Training and Research- Chennai	Instructional Design and Delivery System	Faculty Development Program	06.08.2018-08.08.2018
16.	Einstein College of Engineering	CS-2023-Advanced JAVA Programming	Faculty Development Program (AICTE)	08.12.2014-14.12.2014

➤ **Seminar/Webinar/Workshop Participations:**

S.No	Institution	Topic	Course Detail	Date
1.	Mepco Schlenk Engineering College, Sivakasi	Network Performance Analysis using NS3	Workshop	10.09.2025-12.09.2025
2.	Einstein College of Engineering	Research towards image processing	National Level Seminar	08.06.2019-09.06.2019
3.	National Engineering College, Kovilpatti.	“Research & Pragmatic Issues of Cloud Computing Genomic Analysis in bioinformatics Applications”	DBT sponsored National Level seminar	14.03.2013-15.03.2013
4.	M.S. Ramaiah school of Advanced studies, Bangalore	Network Simulator-2	Seminar	23.08.2012-25.08.2012
5.	National Engineering College, Kovilpatti.	Technical paper writing using LATEX	Workshop	30.11.2012

➤ **Online Courses/ Certifications Completed:**

S.No	Topic	Course Detail	Date
1.	Python for Data science	NPTEL course	August 2024
2.	Introduction to Internet of Things	NPTEL course	April 2025
3.	Privacy and Security in online Social Media	NPTEL course	October 2025
4.	Design Thinking	NPTEL course	August 2023
5.	Programming in JAVA	NPTEL course	August 2019
6.	Red Hat Certified System Administrator	Red Hat, Inc.-	February 2023

	(RHCSA)	International Certification Course	
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➤ **Scopus Indexed Journals:**

S.No.	Name of the Authors	Title of Paper	Name of the conference	Year of publication
1.	S,Abirami K.Amsaveni S.Kayathri	ELM Approaches for product based Ranking and Scheduling	International Conference on Energy, Materials and Communication Engineering (ICEMCE),	February 2024
2	G.Sivakumar K.Amsaveni Chandrakexha R Srirenganatchiyar V S.Vaitheki	Predictive modeling for Network Anomaly Detection using Machine Learning	International Conference on Sustainable Computing And Smart Systems s(ICSCSS 2024)	August 2024
3	Chandrakexha R Srirenganatchiyar V Marichamy P Amsaveni K Kasiraman R	Analysing the pathogenic relationship between the heart and kidney using bio signals	IEEE International Conference on Augmented reality, Intelligent Systems and Industrial Automation (ARIIA -2024) in Manipal Institute of Technology, Manipal	July 2024
4	Amutha S Amsaveni K Alagulakshmi A Felcia Selvin I Uma Maheswari G	Efficient Mechanism for Identifying Appropriate Phishing Websites Utilizing Machine Learning	International Conference on Intelligent Computing and Control Systems (CICCS 2025) organized by Nandha College of Technology, Erode, India	May 2025
5	Devi Karthika P Naskath J Amsaveni K	Optimizing Energy Consumption through Predictive Analytics	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE)	July 2025

6	Chandralekha R Sanmuga priya M D.Selvathi G.Subhashini Amsaveni K Mareeswari G	Alzheimer's Disease Detection using Deep Learning: A GoogLeNet-based Classification Framework	9th International Conference on Inventive Systems and Control (ICISC 2025) organised by JCT College of Engineering and Technology,	October 2025
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➤ **Specific Achievement:**

Certified as “**Red Hat Certified System Administrator**” by Red Hat on Feb2023.
(Certification Id: 230-025-637).

➤ **Funding Received:**

Received Rs.20,000 fund from TNSCST under popularization science scheme and conducted workshop “ Digital Horizons Through IoT education for rural students ” from 03.01.2025 to 04.01.2025.

➤ **Expert Lecture Delivered**

S.no	Title	Venue	Date
1	.NET PACKAGE	P.S.R Engineering College, Sivakasi.	29.11.2017 06.11.2017.
2	Linux Architecture and Commands	National Engineering College, Kovilpatti	03.02.2024

➤ **Value Added Courses Handled**

S.no	Title	Venue	Date
1	Tool-based Cyber security Practices for Network Protection	National Engineering College, Kovilpatti.	July to November 2025

➤ **Courses Taught**

Name of the Courses	UG/PG
1. Deep Learning 2. Web Technology 3. Python programming 4. System Software 5. Object Oriented Analysis and Design 6. Operating Systems 7. Python Programming 8. Internet of Things 9. Mobile Application Development 10. Computer Networks 11. Microprocessors and Microcontrollers 12. High Speed Networks	UG

13. Programming with JAVA 14. Software Engineering Methodologies 15. Object Oriented Programming 16. Problem Solving Techniques	
1. Mobile and Pervasive Computing 2. Data Science	PG

➤ **Roles and Responsibilities :**

- Entrepreneurship Development Cell (EDC) Incharge
- Coordinator – National Level Technical Symposium NEC TECH FEST '25
- Mentored students in the design and development of the NEC Techfest '25 Website
- Organized Pre-Conference Workshops during (ICoDSES'26)
- Coordinated and organized various Entrepreneurial events through ED Cell
- Member of various institutional committees:
- Facilitated alumni interaction and mentorship to support student innovation, startups, and career growth
- CSE Association Incharge
- Moderation Committee Member
- Second Year Class Incharge & Tutor
- Coordinated and organized technical and non-technical events during Saturdays
- Organized Value Added Courses
- NBA Criteria-3 Committee Member
- Organized TNSCST Funded Workshop
- Promoted student involvement in various college-level and inter-college events.