PROFILE

Name of the Staff	: AMSAVENI K
Designation	: Assistant Professor
Date of joining in the college	: 05.07.2023
E-mail Id	: amsaveni-cse@nec.edu.in
Mobile Number	: 6381791332, 9750498814
Personal Details	
Age	: 33
Date of Birth	: 17.02.1990
Sex &Marital Status	: Female & Married
Citizenship	: Indian

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 – Till Now	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   :   1 Year   ii .Other Colleges : 9 Years

List of International Journals

S.No.	Name of the Authors	Title of Paper	Name of Journal	Page No & Volume	Year of publication	Impact Factor
1.	K.Amsaveni G.Sivakumar	An Energy Efficient Leader Election Model in MANET using Mechanism Design Theory	Journal of Emerging Technologies and Innovative Research (JETIR)	703 & Volume 6	2019	7.95

List of International Conference

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1	K.Amsaveni	Predictive Modelling For Network Anamaly Dection using Machine Learning	International Conference on Sustainable Computing and Smart Systems (ICSCSS 2024)	2024
2	K.Amsaveni	5G Cellular Networks Using Machine Learning for Intelligent Network Data Analysis	International Conference on Recent Trends in Computer Communication and Business Management (ICRTCCB 2023)	2023
3	K.Amsaveni	Air Pollution Prediction Using Machine Learning	International Conference on Recent Trends in Computer Sciene Engineering and Technology (KIRST'23)	2023
4	K.Amsaveni	Security Enhancement In MANET Using Game Theory Approaches	International Conference on Innovations in Science, Technology and Management Towards Sustainability	2017
5	K.Amsaveni	"An energy efficient leader election model in MANET using mechanism design theory"	International conference on advanced computing machines and embedded technology-ICACT2013	2013
6	K.Amsaveni	A survey on leader election models in mobile AdHocNetworks	International Conference on E-Governance	2013

List of National Conferences

S.No	Name of the Faculty	Title of 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
2	K.Amsaveni	Brain Chip in Artificial Intelligence	ISTE sponsored National conference on Computer, Electrical and Electronics Engineering 2k20	2020

Short term Courses/FDP/Seminar/Webinars Attended

S.No	Institution	Topic	Course Detail	Date
1.	National Engineering College, Kovilpatti	Instructional Design and Delivery Systems	Professional Development Programme	16.05.2024-18.05.2024
2.	Anna University	AIIII-2024 Conference	Conference	06.03.2024-08.03.2024
3.	KPR Institute of Engineering and Technology, Coimbatore	Machine Learning, Data Science and AI	STTP	05.02.2024-16.02.2025
4.	National Engineering College, Kovilpatti	CS3501- Compiler Design	Faculty Development Program	31.07.2023-05.08.2023
5.	NPTEL	Design Thinking	Faculty Development Program	Jul-Aug 2023
6.	Motilal Nehru National Institute of Technology, Allahabad	Security aspects in Computer Science and its Applications	Faculty Development Program	17.10.2022 - 21.10.2022.
7.	Geethanjali college of Engineering and Technology, Hydrabed.	"Machine Learning Algorithms for Dead Time Systems (MLADTS)"	Faculty Development Program	24.01.2022 - 29.01.2022
8.	AWS training and certification	Introduction to Database Migration	Webinar	11.04.2020
9.	AWS training and certification	Why Analytics for Games	Webinar	14.04.2020
10.	AWS training and certification	Getting into Server less Mindset	Webinar	16.04.2020
11.	AWS training and certification	Machine learning for business challenges		18.04.2020
12.	National Institute of Technical Teachers Training and Research- Chandigarh	"Data Science using R"	Faculty Development Program (AICTE)	11.05.2020 - 15.05.2020.
13.	National Institute of Technical Teachers Training and Research- Chandigarh	"Internet of Things"	Faculty Development Program (AICTE)	15.04.2020 – 19.04.2020.
14.	National Institute of Technical Teachers Training and Research- Chandigarh	Latest Wireless and Computing Technologies	Faculty Development Program (AICTE)	14.04.2020 - 18.04.2020
15.	SRM Eswari Engineering College and Spoken Tutorial IIT Bombay.	Data Analytics using Python & R	Faculty Development Program	20.04.2020 - 30.04.2020
16.	National Institute of Technical Teachers Training and	Linux Applications in Engineering Education	Faculty Development	27.042020 01.05.2020

	Research- Chandigarh		Program (AICTE)	
17.	ICT Academy	Creative Thinking	Faculty Development Program	27.01.2020 - 29.01.2020.
18.	DataSkills- Hyderabad from.	Microsoft Excel for Professionals & Students	Short Term Training	15.04.2020 19.04.2020
19.	Einstein College of Engineering	Research towards image processing	National Level Seminar	08.06.2019- 09.06.2019
20.	NPTEL	Java Programming	Java Programming	12 Weeks – April 2019
21.	ICT Academy	Introduction to Big Data Analytics"	Faculty Development Program	30.05.2019 - 31.05.2019.
22.	ICT Academy	Introduction to python programming"	Faculty Development Program	01.08.2019 - 03.08.2019.
23.	National Institute of Technical Teachers Training and Research- Chennai	Instructional Design and Delivery System	Faculty Development Program	06.08.2018 - 08.08.2018
24.	National Engineering college Kovilpatti.	Research Avenues of Neural Network in Engineering & Technology	Faculty Development Program	24.11.2018 - 25.11.2018
25.	P.S.R Engineering College on 28th July 2018.	Outcome Based Education & AICTE Model Curriculum	Faculty Development Program	28.07.2018
26.	National Engineering College, Kovilpatti.	"Machine Learning in Wireless Sensor Networks: Networking to Application Perspectives	National Level Seminar	16.11.2018 - 17.11.2018
27.	P.S.R Engineering College	E-learning Resource-Google Class Room	Workshop	31.10.2018
28.	P.S.R Engineering College	Tips and Tricks in Microsoft office	Workshop	20.11.2018
29.	Einstein College of Engineering	CS-2023-Advanced JAVA Programming	Faculty Development Program (AICTE)	08.12.2014 - 14.12.2014
30.	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
31.	Einstein College of Engineering on	Teaching Methodologies and Research	Faculty Development Program	04.06.2013
32.	M.S.Ramaiah school of Advanced studies, Bangalore	Network Simulator-2	Seminar	23.08.2012 - 25.08.2012

33.	National Engineering College, Kovilpatti.	Technical paper writing using LATEX	Workshop	30.11.2012

Scopus Indexed Journal

ELM Approaches for product based Ranking and Scheduling.IEEE Xplore,Feb 2024

https://doi.org/10.1109/ICEMCE57940.2023.10433905

Specific Achievement:

1. Certified as **"Red Hat Certified System Administrator"** by Red Hat on Feb 2023. (Certification Id: 230-025-637).

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

Courses Taught

Name of the Courses	UG/PG
1. Deep Learning Web Technology 2. Python programming 3. System Software 4. Object Oriented Analysis and Design 5. Operating Systems 6. Computer Programming 7. Python Programming 8. Internet of Things 9. Mobile Application Development 10. Computer Networks 11. Microprocessors and Microcontrollers 12. High Speed Networks 13. Programming with JAVA 14. Software Engineering Methodologies	UG
1. Mobile and Pervasive Computing 2. Advanced Algorithms 3. Data Science	PG

Additional Responsibilities held:

➢ CSE Association Incharge (2024—2025)
➢ Class Incharge (2022-2026 Batch)
➢ NBA Criteria 3 Member
➢ Preincubation & NEWGEN EDEC Member