

RESUME

Name of the Staff : S.G. Janani Ratthna
Designation : Assistant Professor
Date of joining in the college : 07.01.2023
E-mailId : janani-cse@nec.edu.in
Mobile Number : 9487245193



Personal Details

Age : 34
Date of Birth : 29.03.1990
Sex & Marital Status : Female&Married
Citizenship : Indian

Educational Qualification

Educational Qualification	Branch	Name of the Institution/University	Year of Passing	% Of Marks	Class/Division
M.E	CSE	Thiagarajar College of Engineering, Madurai	2013	7.67(CGP A)	First
B.TECH H	IT	National College of Engineering, Tirunelveli	2011	71	First

Professional Experience (Inchronologicalorder)

Designation	Institution/Organization	Period	Nature of Duties
Assistant Professor	National Engineering College, Kovilpatti	07.01.2023to Till Now	Teaching

No. of years of Experience NEC: 1. 11 Year

Area of Interest: Predictive Analytics, Machine Learning (ML), Artificial Intelligence (AI), Virtual Reality (VR), Augmented Reality (AR).

List of International Conference

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of publication
1.	S.G.Janani Ratthna	The Role of Metaverse Technology in Education: A Framework for Implementation and Future Research	Students Conference on Engineering and Systems (SCES-2024)	June 21-23, 2024

2	S.G.Janani Ratthna	Survival Analysis of the Lung Cancer patients using Kaplan Meier Estimator Using Survival Table	7 th International Conference on Intelligent Computing (IconIC)	March 22-23, 2024
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List of National Conferences

S.No	Name of the Faculty	Title of Paper	Name of the Conference	Year of Publication
1.	S.G.Janani Ratthna	Secure Two Factor Authentication using Mobile One Time Password	PSG-ACM National Conference on Intelligent Computing(NCIC2013)	2013
2	S.G.Janani Ratthna	A Survey on Mobile Wimax	National Conference on Recent Trends in Information Technology (NCRTIT10)	2010
3	S.G.Janani Ratthna	Ensuring Authentication in Wireless Sensor Networks Through UAP	National Conference on Challenges in Soft Computing PET Engineering College	2010

Short term Courses/Seminar/Conference/Workshop Attended

S.No	Institution	Topic	Course Detail	Date
1	National Engineering College, Kovilpatti	Mentoring and Counselling skills for Teachers	NITTTR	26.08.2024 to 30.08.2024
2	National Engineering College, Kovilpatti	Deep Learning- An Industrial Approach and Hands-on Training	FDP	16.08.2024, 17.08.2024
3	NPTEL Certification Course (IIT - Madras)	Python for DataScience	NPTEL Certification	01.07.2024 to 31.08.2024
4	National Engineering College, Kovilpatti	Instructional Design and Delivery Systems	Professional Development Programme	16.05.2024 To 18.05.2024
5	GITAM School of Technology, Bengaluru	Generative AI and Metaverse: Tools and Technologies for Improving the Teaching Learning Process in Higher Education	AICTE Sponsored ATAL FDP	04.12.2023 to 19.12.2023

6	NPTEL Certification Course (IIT - Madras)	Design Thinking–A Primer	FDP	01.07.2023 to 31.08.2023
7	NPTEL Certification Course (IIT - Madras)	Design Thinking–A Primer	NPTEL Certification	01.07.2023 to 31.08.2023
8	NPTEL Certification Course (IIT - Madras)	Computer Graphics	NPTEL Certification	01.07.2023 to 31.08.2023
9	National Engineering College	Compiler Design	FDP	31.7.2023 to 05.08.2023
10	National Engineering College	Stochastic Approximation Algorithms	2 days Instructional Course	27.4.2023 & 28.4.2023
11	National Engineering College	MATLAB Fundamentals and Machine Learning with MATLAB training	Math Works Training	16.2.2023 & 17.2.2023
12	Coimbatore Institute of Technology	Application Deployment Techniques in Cloud	2daysworkshop	15.2.2023 & 16.2.2023
13	National College of Engineering	Network Simulation UsingNS-2	1day National Level Workshop	10.3.2012

Short term Courses/Conference/Workshops/Seminars Organized

S.No	Value Added Course	Duration	Number of Participants	Venue
1.	Creative Designing with Figma Tool	03.02.2024 to 15.03.2024	75	National Engineering College
2.	Interactive Web designing	17.06.2023 to 14.09.2023	44	National Engineering College

R&D Projects: Research Projects Sanctioned (Completed)

S.No	Title of the Project	Principal Investigator	Co-Investigator	Funding Agency	Amount	Period
1.	“FashionNXT: Augmented Reality for Personalized Fashion Try-On”	Mr.J.Karthikeyan	Ms.S.G.Janani Ratthna	NewGen IEDC	Rs.1,00,000	2023-2024

Book Chapter :

S.No	Name of Book	Title of the Book Chapter	Scopus/SCI	Year of publication	DOI
1.	Cybersecurity and Data Management Innovations for Revolutionizing Healthcare	Advancing Healthcare Through Data Science Techniques for Comprehensive Analysis and Visualization of Healthcare Data	Scopus	July2024 (pp 1-15)	10.4018/979-8-3693-7457-3