

**JAMMI SARADA LAKSHMI**

**Name:** Jammi Sarada Lakshmi  
**Designation:** Lecturer in Computer Science  
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*Jammi Sarada Lakshmi*

**Educational Qualifications**

S.NO	COURSE	BOARD / UNIVERSITY	YEAR OF PASS	PERCENTAGE
S.S.C	--	Board of Secondary Education	2003	87
Intermediate	M.P.C	Intermediate Board of Education	2005	95.7
B.Tech	Information Technology	Raghu College of Engineering, Visakhapatnam	2009	71.4
M.Tech	Computer Science and Technology with Specialization Computer Networks	Andhra University College of Engineering, Visakhapatnam	2012	82
Ph.D	Computer Science and Engineering	Andhra University College of Engineering, Visakhapatnam	2023	-----

**Professional Experience:**

- Working as Govt. Regular Lecturer in Computer Science Dept. in S.R.R & C.V.R Govt. Degree College from 25-08-2021 to till date.
- Worked as Full-Time Research Scholar in the Dept. of Computer Science and Systems Engineering, AUCE (A), Andhra University from 2014-2021.
- Worked as a Teaching Associate in JNTU College of Engineering, Vizianagaram during 2012-2013.
- Worked as an Assistant Professor in Raghu Institute of Technology during 2009-2010.

**Achievements:**

- Qualified Andhra Pradesh State Eligibility Test (**APSET -2016**) for Assistant Professor/Lectureship in Computer science and Applications.
- Qualified **UGC National Eligibility Test** for Assistant Professor -2019 in Computer science and Applications

### **Memberships:**

- Life Member- ISPS
- Life Member- ISTE
- Member- IETE
- Member – International Association of Engineers (IAENG).

### **In service programs attended:**

- Participated in **2 week online capacity building programme** for Teachers in Higher education on “**Blended Learning in Higher Education Institutions**” by Dr. B. R. Ambedkar Open University, Hyderabad from 14-03-2022 to 25-03-2022
- Participated in **Faculty Induction Programme** held at ANU Organized by Commissionerate of Collegiate Education, Govt. of A.P from 29-06-2022 to 03.07.2022
- Participated **one week faculty development programme** on the “**The framework for improving the quality of Scientific research in Universities**” organized by Krishna University from 22-08-2022 to 27-08-2022.
- Participated in **Online Refresher Course** on “**Machine Learning and Data Science**” Organized by JNTU Hyderabad from 12/12/2022 to 24/12/2022.

### **Research Experience : Article published:**

- **J. Sarada Lakshmi** and Kuda Nageswara Rao. (2019). Comparison of Hybrid Approaches for IP Address Lookup. International Journal of Advanced Science and Technology, 28(8), 602 – 621
- **J. Sarada Lakshmi** and Kuda Nageswara Rao, 2020. (PBFP Trie) Partitioned Bloom Filter with Priority Trie a Novel Approach for IP Address Lookup. International Journal of Advanced Research in Engineering and Technology (IJARET).Volume:11, Issue:12, Pages:1035-1051.
- **J. Sarada Lakshmi** and Kuda Nageswara Rao, “Design and Performance evaluation of Cache based PBFP Trie – Proposing a state of art approach for efficient IP Lookup”, International Journal of Future Generation Communication and Networking (IJFGCN), Volume 13, No.4 (2021)
- Kuda Nageswara Rao, **Jammi Sarada Lakshmi** “Effective Prediction of Performance Metrics of a Communication Network with Dynamic Bandwidth Allocation having Homogeneous Poisson Bulk Arrivals ” Conference proceedings-2015 *National Conference On Recent Trends in “Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology”(MECIT-2015) Nov 2015, JN University, New Delhi*
- **Jammi Sarada Lakshmi**, “Effective Utilization of Radio Frequency Spectrum in Communication Networks using Cognitive Radio”, *International Journal of Advanced in Management, Technology and Engineering Sciences, Volume V, Issue I, 2015, ISSN NO : 2249-7455, Page No: 71*

### Conferences at International level:

- Presented a Paper on “**Estimation and Analysis of Performance Measures of a Communication Network with Dynamic Bandwidth Allocation having Homogeneous Poisson Bulk Arrivals under Steady State Condition** ” International Conference on Electronics and Communication Systems (ICECS-2016) February 25-26,2016 at Karpagam College of Engineering,Coimbatore
- Presented a Paper on “**Effective Utilization of Radio Frequency Spectrum in Communication Networks using Cognitive Radio**” International Conference on Recent Trends and Research Issues in Computer Science and Engineering (ICRTRICSE-2015) May 2-3, 2015 at Andhra University College of Engineering, Visakhapatnam.

### Conferences at National level/State level.

- Participated a National Conference on **INDIA’s Coastal and Cyber Security Challenges**, GITAM University, 14-15 Oct 2015, Visakhapatnam.
- Participated a National conference on **Emerging Technologies in Computer Science -2014** (NCETCS'14) organized by Department of CSE in JNTUK UCE Vizianagaram in MAR 2014

### Workshops attended

- A One day National Workshop on “**Cloud and Nano Computing-2015**” 18<sup>th</sup> December 2015, Center for Nano Technology, A.U.College of Engg., Andhra University, Visakhapatnam
- Participated in a Two day National Workshop on "**PATTERN RECOGNITION AND IT'S APPLICATION'14**" organized by Department of IT in JNTUK UCE Vizianagaram.
- Participated in a Two day National Workshop on “**Fog Computing and Internet of Things**” organized by Dept. of CSE in JNTUK UCE Vizianagaram.

### Personal Profile:

Date of Birth : 09-12-1987  
Languages Known : English, Telugu, Hindi  
Nationality : Indian  
Permanent Address : Dr. J. Sarada lakshmi  
C/Of-J.Radha Krishna  
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Machavaram,Vijayawada  
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(JAMMI SARADA LAKSHMI)