

CURRICULUM VITAE'

Of

Dr. N. RAMESH BABU

Assistant Professor, Dept. of Computer Science
Sri Vani Institute of Management and Sciences
Ananthapuramu (Dt), Andhra Pradesh, INDIA, PIN-515001
Mobile: 8500820519 e-mail: ramesh.phd.sku@gmail.com



CURRENT DESIGNATION: **Assistant Professor**

TEACHING EXPERIENCE: **10 Years**

- Working as **Assistant professor** in Sri Vani Institute Of Management & Sciences, Ananthapuramu from 10th March 2017 to till date.
- Worked as **Assistant Professor & Research Officer** in Madanapalle Institute of Technology & Science (MITS), Madanapalle, Andhra Pradesh from 11th July 2016 to 07th March 2017.
- As a **Research Scholar** in the department of Computer Science & Technology at Sri Krishnadevaraya University I taught classes for MCA and M.Sc. Computer Science from the period 25th May-2011 to 4th January-2016 at Sri Krishnadevaraya University, Ananthapuramu.

OTHER POSITIONS:

- Worked as Research Officer in Madanapalle Institute of Technology & Science (MITS), Madanapalle, Andhra Pradesh from 20th January 2016 to 07th March 2017.

EDUCATIONAL QUALIFICATION:

- **Ph.D. in Computer Science & Technology** from Sri Krishnadevaraya University Ananthapuramu on March 04th 2016, Recognized by UGC, Government of India.

Title of the Thesis: *“Enhancements to Performance of IEEE 802.11 MAC DCF Reducing Hidden and Exposed Nodes Employing Robust Retransmission, Flexible RTS/CTS and Concurrent Transmission Algorithms”*

- **M. Tech in Computer Science and Engineering** from JNTUA, Ananthapuramu.
- First Class **M.Sc** (Master of Science in Computer Science) from Sri Krishnadevaraya University, Ananthapuramu in 2009, Recognized by UGC, Government of India.

- First Class with Distinction **in B.Sc.** (Mathematics, Physics & Computer Science) Bachelor of Science in Computer Science from Sri Krishnadevaraya University, Anantapur in 2003, Recognized by UGC, Government of India.

SPECIALIZATION:

Programming Languages: C, C++, Java and Python.

Teaching interests include: Computer Networks, Ethical Hacking, UNIX Operating Systems, Computer Organization, Software Engineering, E-Commerce, DBMS and SQL.

Packages: Ms-Office and Oracle.

RESEARCH PUBLICATIONS:

International Journals:

1. **N. Ramesh Babu**, Dr. N. Geethanjali “*A Robust Retransmission Scheme for Resolving Hidden Node Problem in IEEE 802.11 WLANs*” IJCEA – Vol. IX Issue- III Feb-March 2015, ISSN:2321-3469, Pages-53-61.
2. **N. Ramesh Babu**, Dr. N. Geethanjali “Flexible RTS and Concurrent Transmission Schemes for Reducing Exposed Node Problem in 802.11 WLANs” IJCSMA Vol.3 Issue. 6, June- 2015, ISSN: 2321-8363, pg. 26-36.
3. P. Amrutha, Dr.N. Geethanjali, **Dr. N. Ramesh Babu** “Enhancing the Network Lifetime in Wireless Sensor Networks by Using Trust Based Secure Routing Protocol” ICIAEIT-2017, Vol.3, special issue.1, March 2017. Pg.146-151.
4. M. Ravi Kumar, Dr.N.Geethanjali & **N. Ramesh Babu**, “Energy Aware DSDV and FSR Routing Protocols in Mobile Ad Hoc Networks- International Journal of Computer Trends and Technology”, Volume4, Issue4 –April 2013 - ISSN: 2231-2803, Pg.553-559.
5. M. Ravi Kumar, Dr.N.Geethanjali & **N. Ramesh Babu**, “Performance Evaluation of AODV and FSR Routing Protocols in MANETS” - Global Journal of Computer Science and Technology Web & Security Volume 13 Issue 4 Version 1.0 Year 2013 ISSN :(0975-4172) – pg.29-34.

6. M. Ravi Kumar, Dr.N.Geethanjali & **N. Ramesh Babu**, “Security issues in Mobile Ad-Hoc Networks”- International Journal of Engineering Inventions- e-ISSN: 2278-7461, p-ISSN: 2319-6491, Volume 2, Issue 11, (July 2013) PP: 48-53

National Conferences:

1. Presented a paper entitled “ **A Review on Evolution of Li-Fi Technology**” in ICSSR & UGC sponsored National Seminar on “contemporary trends in librarianship” organized on 28th 29th December-2015 by department of library and information science, Sri Krishnadevaraya University, Ananthapuramu and printed in the book of ISBN No:978-81-85-708-64-3.
2. Presented a paper entitled challenges in “**Reducing hidden node problem in wireless local area networks**” on advances in computational intelligence and computer engineering from 23rd and 24th October 2013.
3. A Three day National conference on “Information Technology and its Applications organized by department of computer science, Sri Venkateswara University, Tirupathi on 25th to 27th November-2011.
4. A two days national conference on “Computer Science, Engineering and Applications” organized Sri Padmavati Mahila Visvavidyalayam on 9th -10th 2012.

Faculty Development Programs

1. Attended Ten days faculty development program on “**Theory of Computation**” organized by the E & ICT Academy, Dept. of Computer Science & Engineering, NIT, Warangal from 18th – 27th January, 2016.
2. Attended Ten days faculty development program on “**Embedded Real Time Systems**” Organized by the E & ICT Academy, National Institute of Technology, Warangal at JNTU College of Engineering, Anantapuramu from 1st – 10th Feb 2017.
3. Participated in Two weeks faculty development program on “**Research issues in Named Data Networking**” conducted by the Dept. of CSE & IT, Govt. College of Technology, Coimbatore from 17th – 30th June 2013.

4. One week online STTP: Short Term Training Program on **Data Analytics and Machine Learning using R and Python** During 13th to 18th July 2020 By JNTUA College of Engineering, Ananthapuramu.
5. Mastering Virtual Classes and Assessments by Sri Vani Group of Institutions on 6th July-2020.
6. National level **one week** online Faculty Development Program on **Python for Data Science** held from 24th to 28th June-2020 Organized by Dept. of Computer Applications MITS, Madanapalle.
7. One week Faculty Development program on **Innovative Teaching- Learning Techniques in Higher Education**. Organized by JNTUA. From 4th September 2019- 9th September 2019.
8. **Webinars on Dr. APJ Abdul Kalam Memorial Global Webinar Impact of COVID-19 on the development of Rural Economy-Challenges and Opportunities** held on 27th July 2020 organized by JNTUA and Lead India Foundation.

Workshops:

1. One day workshop on **Trends in Computer Applications / Changing Paradigms in Management studies** organized by Department of Computer Applications & Management Studies, on 31st January 2015.
2. One day Workshop on **Cloud Computing** at Sri Venkateswara University, Tirupathi on 8th November-2011.
3. One day National workshop on “**Market-Oriented Cloud Computing and the Aneka Platform**” organized by department of CSE,JNTUA college of Engineering, Anantapur 515002 on 27th December-2011.
4. One day National workshop on “**Awareness Campaign on Ethical Hacking**” organized by JNTUA College of Engineering, Anantapur-515002 on 18th February 2012.
5. Participated in Two day National Workshop on **Entrepreneurship & Incubation** Held on 26th – 27th March 2016. Organized by centre for skill development, Entrepreneurship & Incubation, Sri Krishnadevaraya University, Ananthapurmu.

PERSONAL PROFILE

Name : Dr. N. RAMESH BABU
Parents : S/o. Sri N. GARUDAPPA and Smt N. SUBBAMMA
Date of Birth : 15/03/1981
Address for Communication : Dr. N. RAMESH BABU
6-2-247, UPSTAIRS
KOVUR NAGAR
ANANTHAPURAMU-515004.

Permanent Address : Dr. N. RAMESH BABU
5-67, RACHUVARIPALLE (Vi & Po)
PUTTAPARTHI (MANDAL)
ANANTHAPURAMU (DIST)
ANDHRA PRADESH - 515110

Languages Known : English, Telugu and Hindi.

Yours faithfully

PLACE: Ananthapuramu
DATE: 11-09-2020

Dr. N. RAMESH BABU