Department of Computer Science and Engineering

Faculty Profile

Name	:	Mr. RAM MOHAN RAO P
Designation	:	Associate Professor
Qualification	:	M. Tech, (PhD)
Total Experience	:	17 years

JNTUH ID : 75150402-170436

AICTE ID : 1-474443119

E-Mail : hodcse@sphoorthyengg.ac.in

rammohan04@gmail.com

Linked In : https://www.linkedin.com/in/rammohan-rao-09064922/

YouTube Channel : https://www.youtube.com/channel/UCcOZZlupvk0ONZL5_2gUwcw

Additional Qualifications and Achievements

- ✓ *Big Data Certified Professional*

- ✓ *HACKER RANK GOLD BADGE in JAVA PROGRAMMING*

- ✓ *Won National level award from IUCEEE in Jan 2020 for Leadership in Teaching and Learning*

- ✓ *JNTUHFET-2010(Faculty Eligibility Test) Qualified*

- ✓ *Certified Trainer for IBM TGMC Projects*

- ✓ *emc^2 Certified CIS (Cloud Infrastructure and Services) Professional*

- ✓ *IIEECP certified professional as part of IUCEE*

- ✓ *Best Security Quote award in Infosec 2013 conference.*

- ✓ *Won Second Prize in INFOSYS INSPIRE, a state level contest for faculty members.*

- ✓ *Best MISSION 10XIAN of the month for two times in MLRIT.*

- ✓ *National Level Champion of WIPRO MISSION 10X in 2011.*

Additional Academic Activity

- ➢ Resource Person for various guest lectures till date.

- ➢ Resource Person for Faculty Development Program on **Intranet Applications using Java** organized by **JNTUH** in 2007.

- ➢ Served as Resource Person for Big Data Hadoop FDP conducted during June 2**5 to 30,** 2018 at MLR Institute of Technology.

- ➢ Served as Resource Person at Central Detective Training Institute Hyderabad on 26.12.2018 and 02.01.2019.

- ➢ Resource Person for **INFOSYS** Campus Connect Foundation Program.

Subjects Taught:

- ✓ Introduction to Data Science
- ✓ Python Programming
- ✓ Big Data Analytics
- ✓ Machine Learning
- ✓ OOPs through JAVA
- ✓ Web Technologies
- ✓ Digital Logic Design

- ✓ Computer Organization
- ✓ DBMS, Computer Networks
- ✓ Information Security
- ✓ Design Patterns
- ✓ C Programming and Data Structures
- ✓ Computer System Design
- ✓ Human Computer Interaction
- ✓ Middleware technologies.

Areas of Research Interest:

Big Data Analytics, Privacy Preservation, and Web security, Usable Privacy and Ethical Hacking.

Administrative Profile:

- In charge Head of Department, Department of CSE at MLR Institute of Technology
- Institutional head for NBA criteria 3 at MLR Institute of Technology
- Department OBE Coordinator at MLR Institute of Technology
- Department Coordinator for implementing Active Learning Strategies at MLR Institute of Technology
- Coordinator for Big Data Centre of Excellence at MLR Institute of Technology
- CSE Department Coordinator for **NBA** at ACE Engineering College
- Coordinator for Program Debugging event in Tech fest at ACE Engineering College
- Acted as **WIPRO MISSION 10X** Coordinator at MLRIT
- Acted as **INFOSYS Campus Connect SPOC** at MLRIT

WORKSHOPS & CONFERENCES ATTENDED:

- ✓ Attended WEEF 2019 conference and published a paper in ELSEVIER
- ✓ Completed NPTEL MOOC certification in Deep Learning in November 2018 with ELITE Grade
- ✓ Attended AI and ML FDP at NIT Warangal in June 2018
- ✓ Attended two week Big Data Hadoop FDP in May 2017
- ✓ **INFOSEC 2013**two day conference on Information security awareness conducted by C-DAC
- ✓ Attended workshop on NPTEL and Classle.net organized by **NIT WARANGAL** in August 2012

- ✓ Attended workshop Communication for Academia in December 2012 organized by **SSIM**
- ✓ Attended workshop Back to Basics FDP in December 2012 organized by **SSIM**
- ✓ Ethical Hacking Workshop at MLRIT in March 2010 organized by **Techniche (IIT Guwahati)**
- ✓ Attended workshop organized by **Microsoft & IEG** on Systems Integration in February 2009
- ✓ **WIPRO MISSION 10X** Advanced Learning Approach certification in April 2009
- ✓ **WIPRO MISSION 10X** Dale Carnegie workshop on High Impact Teaching Skills

RESEARCH PUBLICATIONS

1. Rao, P. Ram Mohan, S. Murali Krishna, and AP Siva Kumar. "Novel algorithm for efficient privacy preservation in data analytics." (2021).

2. Kumar, G. Kiran, V. Radhika Devi, and A. Rama Chandra Reddy. "Embracing disruption in engineering education." *Procedia Computer Science* 172 (2020): 973-978.

3. Rao, P. Ram Mohan, et al. "Impact of Active Learning in Engineering Education." *2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE)*. IEEE, 2018.

4. Rao, P. Ram Mohan, S. Murali Krishna, and AP Siva Kumar. "Privacy preservation techniques in big data analytics: a survey." *Journal of Big Data* 5.1 (2018): 33.

5. Rao, P. Ram Mohan, S. Murali Krishna, and AP Siva Kumar. "A case study on privacy threats and research challenges in privacy preserving data analytics." *Electronics, Communication and Aerospace Technology (ICECA), 2017 International conference of*. Vol. 2. IEEE, 2017.

6. Chugh, K. L., and P. Ram Mohan Rao. "Implementation of Active Learning Strategies at MLR Institute of Technology, Hyderabad-A Best Practice." *Journal of Engineering Education Transformations* 32.1 (2018): 79-84.

7. Chugh, K. L., et al. "Strategic Approach to Succeed in National Institutional Rankings Framework-India Rankings 2019." (2018): 341-346.

8. Chugh, K. L., P. Ram Mohan Rao, and R. Karthik. "Performance Based Incentive for Research Publications-A Best Practice." *Journal of Engineering Education Transformations* 30.3 (2017): 23-27.

PROJECT PROFILE:
Guided more than 30 UG and PG Projects in the areas of Big Data, Network security, Web applications.