

Ms. ARUNA KRANTHI G

Assistant Professor

Department: Computer Science & Engineering

Faculty ID: VEC520

Designation: ASSISTANT PROFESSOR

Years of Experience: 13 years

Employment Status: Full Time - Ratified by JNTUH

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Date of Birth: 10 November, 1982

Areas of Specialization: Computer Organization, Computer Architecture, Data Mining, Data Science



Qualifications:

Degree	College/University	Year
M.Tech	Jawaharlal Nehru Technological University, Hyderabad	2007 - 2009
B.Tech	Jawaharlal Nehru Technological University, Hyderabad	2000 - 2004

Subjects Taught:

- Information Technology and Numerical Methods
- Fault Tolerant Systems
- Computer Organization and Architecture
- Object – oriented programming through Java
- Operating Systems
- Object – oriented Analysis and Design
- Web Technologies
- Data Mining

Papers Published:

Conferences:

1. A paper titled **“A Special Acknowledgement based Trust Routing for HWMP”** selected for presentation and publication for the 2011, 2nd Internal Conference on Networking and Information Technology (ICNIT 2011) held in Hong Kong.
2. A paper titled **“Vulnerability Analysis and Defense Against Attacks: Implications of Trust – Based Cross – Layer Security Protocol for Mobile Adhoc Networks”** presented and published in International Conference ITFRWP’09 at Vaagdevi College of Engineering, Warangal, A.P, India.

Journals:

1. **“A Location Guard Approach: An Efficacious Scheme to alleviate DoS attacks”**, International Journal of Advanced Research in Computer Science (IJARCS) Vol.2, No.4, page no. 542, July 2011. (ISSN Online: 0976-5697).
2. **“A Special Acknowledgement based Routing for Mesh Network”**, International Journal of Advanced Research in Computer Science (IJARCS) Volume 3, No. 1, 85, page no. 85, January 2012. (ISSN Online 0976 – 5697).
3. **“Data Mining for Big Data: A Review”**, International Journal of Research (IJR) Volume 3, Issue 13, page no, 1029, September 2016. (ISSN Print: 2348-6848, ISSN Online: 2348-795X).

Roles and responsibilities:

- Single Point of Contact (SPoC), at SR Engineering College, Warangal for Infosys Campus Connect Program for the period of 2007 – 2009.
- Single Point of Contact (SPoC), at SR Engineering College, Warangal for Infosys Campus Connect Technical Program for the period of 2010 to till date.
- Initiative for the establishment & Single Point of Contact (SPoC) / In – charge for IBM Center of Excellence at SR Engineering College, Warangal.
- Department Task Force Member for National Board of Accreditation (NBA) work at SR Engineering College, Warangal.
- Department Task Force Member in preparing TEQIP at SR Engineering College, Warangal.
- Department In - charge for National Board of Accreditation (NBA) at Vaagdevi College of Engineering, Warangal.
- Head, Department of Computer Science of Engineering at Vaagdevi Engineering College, Warangal.

Awards:

- IBM DB2 Certified Trainer
- IBM RAD Certified Trainer

Membership of Technical Society:

- India Society for Technical Education (ISTE)