Faculty Profile Format

MAMIDI KIRAN KUMAR

Please include the following content into your profile

1. **About your self**

   Mr. Mamidi Kiran Kumar working as Assistant Professor of Computer Science and Engineering, *Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)*, Hyderabad. He pursued his Full-Time Ph.D. from JNTUH College of Engineering Hyderabad, JNTUH under the Guidance of **Professor V. Kamakshi Prasad.** His Ph.D. topic is entitled "*Localization in Wireless Sensor Networks*". He submitted his Ph.D. thesis in the Faculty of Computer Science and Engineering at JNTU Hyderabad in January 2021. He pursued his M.Tech form Kakatiya University (KU) Warangal in 2011, and also pursued his B.TECH from JNTU Hyderabad (JNTUH) in 2009. He has 10.2 years of experience in Academics and Research. His Research interests include Wireless Sensor Networks, Data Warehousing and Data Mining, Machine Learning and Pattern Recognition, Internet of Things (IoT), Distributed Operating System and Artificial Intelligence. Experience in handling the classes for regular B. TECH and M.TECH students. He has worked as evaluator for Graduate Level Examinations for the State Level Universities. He has published five research papers in reputed national and internal journals and also presented four research papers in national and international Conferences. He visited Singapore Country in Dec 2019 to present his research paper in IEEE Conference. He has the ability to work in teams. He is a rapid learner with excellent problem-solving skills. He has Strong technical background and good interpersonal skills.

2. **Contact details**
   Mamaidi Kiran Kumar

   Assistant Professor,

   Dept of Computer Science & Engineering,

   Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad.

   Official Email: kirankumar1610@grietcollege.com

   Alternate Email: mamidi.kirankumar09@gmail.com

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3.   **Educational details**

- Ph.D. (Full-Time) in **Faculty of Computer Science and Engineering**, from **JNTUH College of Engineering Hyderabad**, JNT University Hyderabad, Telangana, India. **(Submitted Thesis)**
- M.Tech in **Software Engineering** in the year 2011 from **Kakatiya Institute of Technology & Science (KITS)**, Kakatiya University, Warangal. Telangana, India with **77.58%** percentage of marks.
- B.Tech in **Computer Science and Engineering** in the year 2009 from **Mother Theresa College of Engineering and Technology**, JNT University Hyderabad, Peddapalli, Telangana, India with **65.28%** percentage of marks.
- Intermediate **in M.P.C** in the year 2005 from **A.P.S.W.R.S & Jr. College**, Medipally, Jagitial, Telangana, India with **78.20%** percentage of marks.
- SSC from **A.P.S.W.R. School**, Medipally, Jagtial, Telangana, India in the year 2003 with **87.33%** percentage of marks.

4.   **Professional background**

- Working as **Assistant Professor, Dept. of CSE, GRIET affiliated to JNTU Hyderabad**, **INDIA** (From 31st March 2021 to Present).
- Worked as **Full-Time Research Scholar, Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad** under the Guidance of **Prof. V Kamakshi Prasad**, Dept. of CSE, JNTUH CEH, Director of Evaluation, JNTU Hyderabad, INDIA (From MAR 2014 to JAN 2021) [submitted thesis]
- Working as **Assistant Professor (Guest Lecturer), Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad, INDIA** (From DEC 2014 to APR 2015).
- Working as **Assistant Professor (Guest Lecturer), Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad, INDIA**

- Worked as **Lecturer (Assistant Professor (C)), Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad**, **INDIA,** (From JUL 2013 to MAR 2014).
- **Worked as Assistant Professor, Dept. of CSE, Vivekananda Institute of Technology and Science for Women (VITS-W),** Karimnagar, Telangana, INDIA, (From JUL 2012 to JUN 2013).
- **Worked as Assistant Professor, Dept. of CSE, Nigama Engineering College (NEC),** Karimnagar, Telangana, INDIA (From JAN 2012 to JUN 2012).

5. **Administrative experience/ Work experience**
   1. **Assistant Professor, Dept. of CSE, GRIET affiliated to JNTU Hyderabad**, **INDIA** (From 31st March 2021 to Present).

   Job Profile:
   - Disseminating knowledge by teaching and training, preparing course Material, designing & fabricating lab modules/prototypes.
   - Conduction of class work, mid examinations, project seminars and all student related activities at the departmental level and college level for smooth conduct of teaching learning process.
   - Lecturing, demonstrating and handling Classes for **3rd B. Tech (CSE)** Students.

   2. **Research Scholar- Full-Time PhD, Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad** under the Guidance of **Prof. V Kamakshi Prasad**, Dept. of CSE, JNTUH CEH, Director of Evaluation, JNTU Hyderabad, INDIA (From MAR 2014 to JAN 2021) [submitted thesis]

   Job Profile:
   - Carried out research on ' Localization in WSN' part of the **Centre of Excellence (CoE), JNTUH CEH has given by Govt of Telangana** (Government project for Disaster Management)
   - Published **four papers** in internal journals and **two papers** in international conferences
   - Attended several workshops, conferences, and FDP's
   - Member of organizing committees in ICCII Conference being organized every year in the Dept. of CSE, JNTUH CEH.   JNTU Hyderabad

3. **Assistant Professor – Guest Lecturer, Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad, INDIA,** (From DEC 2013 to APR 2014) and (From DEC 2014 to APR 2015).

   <u>**Job Profile:**</u>
   - Disseminating knowledge by teaching and training, preparing course Material, designing & fabricating lab modules/prototypes.
   - Conduction of class work, mid examinations, project seminars and all student related activities at the departmental level and college level for smooth conduct of teaching learning process.
   - Lecturing, demonstrating and handling Classes for **M. Tech (PTPG)** Students.

4. **Lecturer (Assistant Professor (C)), Dept. of CSE, JNTUH College of Engineering Hyderabad, JNTU Hyderabad**, **INDIA,** (From JUL 2013 to MAR 2014).

   <u>**Job Profile:**</u>
   - Disseminating knowledge by teaching and training, preparing course Material, designing & fabricating lab modules/prototypes.
   - Creating awareness of the course and its scope among the student's community, consulting and guiding the outgoing students.
   - Lecturing, demonstrating and handling Classes for **UG (B.Tech) & PG (M.Tech)** Students.
   - Evaluator for UG and PG examinations in the JNT University, Hyderabad.

   - Acted as an invigilator for various *Government Recruitment Examinations* conducted by the JNTUH College of Engineering Hyderabad.

5. **Assistant Professor, Dept. of CSE, Vivekananda Institute of Technology and Science for Women (VITS-W),** Karimnagar, Telangana, INDIA, (From JUL 2012 to JUN 2013).

   <u>*Job Profile:*</u>
   - Disseminating knowledge by teaching and training, preparing course Material, designing & fabricating lab modules/prototypes.
   - Conduction of class work, mid examinations, project seminars and all student related activities at the departmental level and college level for smooth conduct of teaching learning process.
   - Lecturing, demonstrating and handling Classes for **UG (B.Tech)** Students.

- Evaluator for UG examinations in the JNT University, Hyderabad.
- Acted as a **Project Coordinator** for final year projects.
- Acted as a **Class-In charge** and **Discipline Committee Member**.
- Acted as **guide** for projects of engineering students at UG level.

6. **Assistant Professor-Full Time, Dept. of CSE, Nigama Engineering College (NEC),** Karimnagar, Telangana, INDIA, (From JAN 2012 to JUN 2012).

Job Profile:
- Disseminating knowledge by teaching and training, preparing course Material, designing & fabricating lab modules/prototypes.
- Conduction of class work, mid examinations, project seminars and all student related activities at the departmental level and college level for smooth conduct of teaching learning process.
- Lecturing, demonstrating and handling Classes for **UG (B.Tech)** Students.
- Evaluator for UG examinations in the JNT University, Hyderabad.
- Acted as Seminars In charge to enable students' soft skills
- Acted as a **Class-In charge** and **Discipline Committee Member**.
- Acted as **guide** for projects of engineering students at UG level.

6. **Committee works**
   -NIL-

7. **Courses Taught**

   POST GRADUATE (PG) STUDENTS: M.TECH (CSE), M.TECH (IT) and M.TECH (IDP-CSE)
   - Cloud Computing (CC)
   - Social Networks and Data Analytics (SNDA)
   - Distributed Operating System (DOS)

   UNDERGRADUATE (UG) STUDENTS: B.TECH (CSE), B.TECH (CSE-IDDP)
   - Data Warehousing & Data Mining (DWDM)
   - Research Methodology (RM)
   - Network Security (NS)

- Ad hoc Sensor Networks (ASN)
- Finite Languages Automata Theory (FLAT)
- Operating System (OS)
- Design and Analysis of Algorithms (DAA)
- Object Oriented Analysis and Modeling (OOAM)
- IT workshop Lab and Networking Lab
- C programming Lab
- MATLAB Lab and Compiler Design Lab
- Data Warehousing & Data Mining Lab

8. Memberships

- **Member** of **IAENG (**International Association of Engineers), member **ID: 121063,** which is being used to update my technical knowledge over the horizons of the world regularly**.**
- **Member** of **ICST (**Institute for Computer Sciences, Social Informatics and Telecommunications Engineering). Which is being used to enhance my moral, ethical and technical skills and providing information about human trends in the society.
- **Member** of **CSTA (Computer Science Teachers Association)** which allows any CS teacher, regardless of funding ability, to connect to their local and national community.
- **Member** of IRED (Institute of Research Engineers and Doctors).
- **Member** of ISOC (Internet Society)
- **Member** in EAI (European Alliance for Innovation)
- **Member** of the IAENG Society of Artificial Intelligence, Member of the IAENG Society of Computer Science, Member of the IAENG Society of Data Mining, Member of the IAENG Society of Scientific Computing, Member of the IAENG Society of Software Engineering, and Member of the IAENG Society of Wireless Networks.

9. Funding Projects

-NIL-

10.   Publications

Research papers
1. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"BDALT: Bilateration and Double Anchor-based Localization Technique for Wireless Sensor Networks using Angle of Arrival (AoA) and Received Signal Strength (RSS)-A Hybrid approach",* Int. J. Engineering and Advanced Technology (IJEAT), 2019, Vol 8, Issue 6, Pages: 4126-4135, **[SCOPUS, Free Journal, Open Access].**

2. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"DALT: Double Anchor-Based Localization Technique For Wireless Sensor Networks Using RSS And AoA Measures",* Int. J. Innovative Technology and Exploring Engineering (IJITEE), 2019, Vol 8, Issue 10, Pages: 1862-1869, **[SCOPUS, Free Journal, Open Access].**

3. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"Index based Localization Technique for Ad Hoc Sensor Networks",* Int. J. Innovations & Advancement in Computer Science (IJIACS), 2017, Vol 6, Issue 7, Pages: 109-119, **[UGC Recognized].**

4. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"A New Framework for Effective Processing of WSN Application Generated Big Data",* Int. J. Engineering Technology Science and Research (IJETSR), 2017, Vol 4, Issue 7, Pages: 240-245, **[UGC Recognized].**

5. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"A survey on driver behavior and prediction models",* Int. J. Computer Science and Information Technologies (IJCSIT), 2015, Vol 6, Issue 4, Pages: 3328-3333, **[UGC Recognized].**

Conferences
1. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *"ALTAR: Area-based Localization Techniques using AoA and RSS measures for Wireless Sensor Networks",* IEEE 3rd Int. Conf. Contemporary Computing and Informatics (IC3I), Pages 160-168, **IEEE Explore.**

2. **Mamidi Kiran Kumar, Perumala Mukesh,** *"Integrated Wireless Sensor Technologies for Agriculture Crop Monitoring",* National Conference on Geospatial Technologies in Agriculture",* **ICAR-NAARM**, HYDERABAD, Feb 2020-**Poster Presentation**.

3. **Mamidi Kiran Kumar, V Kamakshi Prasad,** *" TASLT: Triangular Area Segmentation based Localization Technique for Wireless Sensor Networks using RSSI and AoA Measures*

- A New Approach", 3rd IEEE Int. Conf. Engineering and Technology 2018, it will be published in **IEEE Xplore.**

4. **Ch Shilpa Chakra, Raghavendra Shankaramanchi, Mamidi Kiran Kumar and V Kamakshi Prasad,** *"A New Computing System with Particle Communication and Optical Computing"*, ELSEVIER 1st Int. Conf. Rough Sets and Knowledge Technologies (ICRSKT-2014), Pages 100-103, ISBN No 978935, 1072980. **ELSEVIER.**

Book Chapters
      -NIL-

Also mention details like
1.   Name   **MAMIDI KIRAN KUMAR**
2.   Designation   **Assistant Professor**
3.   Faculty ID   **1610**
4.   Email Address   **mamidi.kirankumar09@gmail.com**
5.   JNTUH ID   **8908-210628-151857**

Note 1: Send your recent passport size photo along with this details
Note 2: Send only word document