



**Kalapurackal
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MADHU K P

EXPERIENCE

- **Government Engineering College, Idukki, Kerala State, India; Assistant Professor, Computer Science & Engineering; June 2016 - present.**
- **Government Engineering College, Wayanad, Kerala State, India; Assistant Professor, Computer Science & Engineering; June 2015 - May 2016.**
- **Rajiv Gandhi Institute of Technology, Kottayam, Kerala State, India; Assistant Professor, Computer Science & Engineering; Jan 2006 - May 2015.**
- **Rajiv Ganndhi Institute of Technology, Kottayam, Kerala State, India; Lecturer, Computer Science & Engineering; Jan 2005 - Dec 2005.**
- **AdiShankara Institute of Engineering and Technology, Kalady, Kerala State, India; Lecturer, Computer Science & Engineering; July 2002 - Sep 2004.**
- **WinWin Software Solutions, Pala, Kottayam; Programmer; June 2001 - June 2002.**

AREA OF INTEREST

- **Recommendation Systems**
- **Data mining and Warehousing**
- **Cloud Computing**
- **Virtualization Techniques**
- **Social Network Analysis**
- **Data Structures**

ACADEMIC PROFILE

- **Ph.D., Computer Science & Engineering, 2017, Anna University, Chennai, India; Supervisor: Dr. D. Manjula.**
- **ME, Computer Science & Engineering, 2010, PSG College of Technology, Coimbatore, India; Advisor: Dr. C. Kalaiarasan.**
- **BTech., Computer Science & Engineering, University College of Engineering, Thodupuzha, India.**

PUBLICATIONS

- **Madhu, KP & Manjula, D 2016, 'MIRS: A MapReduce-Based Itinerary Recommendation System in Location-Based Social Networks', International Journal of Advance Research in Science & Engineering (IJARSE), ISSN: 2319-8354, vol. 5, no. 4, pp. 648-667.**
- **Madhu, KP & Manjula, D 2016, 'A Community-Based Hybrid Location Recommendation System in Location-Based Social Networks', Asian Journal of Information Technology (AJIT), ISSN: 1682-3915, vol.15, no. 7, pp. 1166-117.**
- **Madhu, KP & Manjula, D 2015, 'HyLoRecS: A Mapreduce-Based Hybrid Location Recommender System', Proceedings of National Conference on Engineering Applications for Developing Smart Cities, NCEADS 2015, Dhirajlal Gandhi College of Technology, Salem, pp. 31-41.**

SUBJECTS TAUGHT

- **Computer System Design and Architecture**
- **Introduction to Computing and Problem Solving**
- **Data Mining and Data Warehousing**
- **Advanced Microprocessors and Peripherals**
- **Language Translators**
- **File Structures and Algorithms**
- **Data Structures**
- **Programming in C**
- **High Performance Computing**
- **Software Engineering**

ADDITIONAL DUTIES

- **PG Coordinator, Department of Computer Science & Engineering, GECI**
- **Member, Campus Networking Committee, GECI**
- **Staff-in-charge, Software Lab**
- **Staff Advisor, S3 CSE B.Tech, 2016 admission**