



S. JOY KUMAR

Faculty Id	:	0375-160308-122615
Date of Birth	:	12 th SEP 1988
Designation	:	Assistant Professor
Years of Experience	:	Teaching : 6 years
Email Id	:	joykumar.s@kgr.ac.in,joykumar0581@gmail.com
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Employment Status	:	Full Time
Areas of Specialization	:	<ul style="list-style-type: none">• Mobile ad-hoc networks.• Mobile computing.• Computer networks.• Data structures.• An approach to achieve reliable data delivery in dynamic MANETs.
UG Degree	:	2006-2010 – Bachelor Of Technology in Computer Science & Engineering from Vaagdevi college of Engineering, JNTU-Hyderabad
PG Degree	:	2010-2012 – Master Of Technology in Computer Science & Engineering from Lakkireddy Bali Reddy College Of Engineering (Autonomous), JNTU-Kakinada.
Ph.D	:	2013(registered)- Ph.D Pursuing – (Pre-Ph.D completed) Ph.D in Networking from Bharatiyar University, Coimbatore.
Ph.D Thesis topic	:	To achieve reliable data delivery in dynamic mobile ad-hoc networks (MANETs).

UG Subjects Taught	:	<ol style="list-style-type: none"> 1. Computer Networks 2. Mobile Computing 3. Software Engineering 4. Object Oriented Analysis and Design 5. Java Programming 6. Design and Analysis of Algorithms 7. Software Project Management 8. Distributed Systems
PG subjects Taught	:	<ol style="list-style-type: none"> 1. Computer Organization 2. Computer Networks 3. Data Base Management Systems 4. Software Engineering 5. Object Oriented Analysis and Design 6. Java Programming 7. Design and Analysis of Algorithms
Projects (ACADEMICS)	:	<p>B.Tech:</p> <p>Title : Self Help Groups Activity Automation</p> <p>Team Size : four</p> <p>Tools : Visual Studio & MS SQL Server</p> <p>Role : Project Design phase and As a Team Member Co-ordinated the activities Of other modules.</p> <p>M.Tech:</p> <p>Title : Conditional shortest path routing in Delay Tolerant Networks.</p> <p>Team Size : one</p> <p>Tools : Java (JDK 1.6)</p>

PAPERS PUBLISHED:

INTERNATIONAL JOURNALS

- ☞ **Sci Journal:** Published an International journal titled “An Approach for Reliability Data Delivery in Dynamic MANET” in PONTE Multi-disciplinary Journal of sciences & research (Italy), Volume 73, Issue 12.
- ☞ **Conference:** Attended a two day national conference on next generation computing and published paper in International journal titled “Detecting Intruders in Mobile Ad-hoc Networks” in IJDCST.
- ☞ Published an International journal titled “PERFORMANCE ANALYSIS OF ROUTING PROTOCOLS IN MANET” in AARF, Volume 5, Issue 4.

- ☞ Published an International journal titled “Reliability Assurances in QOS Using Extended AODV in MANET” in IJETAE, Volume 8, Issue 5.
- ☞ Published an International journal titled “Effective CSDP Protocol for an Efficient Delay Tolerant Network” in GJCAT, Volume 2, Issue 2.
- ☞ Published an International journal titled “Co-Operative Communication in MANETS using EAACK” in IJDCST, Volume 2, Issue 5.
- ☞ Published an International journal titled “Dynamic Data Distribution in MANETS Using ODMRP Protocol” in IJRCSE, Volume 4, Issue 3.
- ☞ Published an International journal titled “Combination Methodology for Protected Formal Reduplication in Cloud Computing” in IJSEAT, Volume 3, Issue 4.
- ☞ Published an International journal titled “Time Reliability Efficient Protocols in MANETS” in IJRCSE, Volume 6, Issue 1.
- ☞ Published an International journal titled “Enhanced Reliable Data Delivery in Mobile Ad-hoc Networks Using Opportunistic Petal Routing Protocol” in IJEARST, Volume 2, Issue 3.
- ☞ Published an International journal titled “Enhanced and Reliable Data Distributed System (DDS) Using Interactive Algorithm (PoW)” in IJARLT, Volume 9, Issue 3.

PARTICIPATIONS:

- ☞ Participated in a two day national conference on next generation computing and published paper in International journal titled “Detecting Intruders in Mobile Ad-hoc Networks” in IJDCST.
- ☞ Participated in 7 days FDP conducted by KGR CET on “EFFECTIVE LEARNING AND TEACHING METHODOLOGIES” at KG Reddy College of Engineering, Moinabad, Hyderabad, T.S.

ACHIEVEMENT:

- Conducted various workshops in college as a convener.
- Organized various technical fests held at various colleges.

BOOKS PUBLISHED:

None

RESEARCH PROJECTS UNDERTAKEN:

None