

## **ROUTING PROJECT LIST**

### Branches

*{Computer Science (CS), Information Science(IS), Software Engineering(SE),Electronics & Communication(EC), Telecommunication (TE),Information Technology(IT),Digital Communication(DCE),Digital Communication & Networking (DNE)}*

<b>PROJECT CODE</b>	<b>PROJECT Title</b>	<b>BRANCH</b>	<b>IEEE Paper</b>	<b>LANGUAGE</b>
RPPROJECTRL1	Energy Aware Classification for Wireless Sensor Networks Routing	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL2	Fault Node Recovery Algorithm for a Wireless Sensor Network	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL3	A new Congestion Aware Routing Algorithm for WSN	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL4	Energy Efficient Communication Overhead Algorithm in Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	MATLAB
RPPROJECTRL5	Efficient Data Forwarding Techniques in Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL6	Design of a Fairness scheme for Wireless Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	MATLAB
RPPROJECTRL7	Energy Consumption Evaluation in Trust and Reputation models for Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL8	Design of vice-cluster selection approach to Improve v leach protocol in WSN	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL9	Swarm Intelligence Based Energy Saving Greedy Routing Algorithm for Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL10	Reliable and Energy Efficient Cluster-based and Event-driven Routing Scheme for Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL11	An Enhanced Approach to Reduce Rerouting Time in MANETs	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL12	Energy Efficient Cluster Head Selection Algorithm in Mobile Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL13	An Energy-balanced Routing Method Based on Forward aware Factor for Wireless Sensor Network	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL14	Design and Implementation of Low Cost ACO Based Routing Algorithms for WSN	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL15	HEAP: Hybrid Energy-efficient Aggregation Protocol for Large Scale Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2013	JAVA&J2EE/MATLAB
RPPROJECTRL16	Energy Efficient Routing Mechanism in Wireless Sensor Network	CS,EC,IS,IT,SE,DCE,DNE	2012	JAVA&J2EE/MATLAB
RPPROJECTRL17	ESWC: Efficient Scheduling for the Mobile Sink in Wireless Sensor Networks with Delay Constraint	CS,EC,IS,IT,SE,DCE,DNE	2012	JAVA&J2EE/MATLAB
RPPROJECTRL18	PEEBR: Predictive Energy Efficient Bee Routing algorithm for Ad-hoc wireless mobile networks	CS,EC,IS,IT,SE,DCE,DNE	2012	JAVA&J2EE/MATLAB

<b>PROJECT CODE</b>	<b>PROJECT Title</b>	<b>BRANCH</b>	<b>IEEE Paper</b>	<b>LANGUAGE</b>
RPPROJECTRL19	A trustworthy energy efficient MIMO routing algorithm based on game theory for WSN	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL20	Requisite trust-based Secure Routing Protocol for MANETs	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL21	A Novel Indirect Trust Based Link State Routing Scheme Using a Robust Route Trust Method for Wireless Sensor Networks	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL22	Slot Management Routing Protocol	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL23	TARF Routing Algorithm	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL24	An Obstacle Aware Clustering Algorithm for Wireless Sensor Network	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL25	A WSN Routing Algorithm Using Overpayment on Complex Network	CS,EC,IS,IT,S E,DCE,DNE	2012	JAVA&J2EE/ MATLAB
RPPROJECTRL26	Mobile Traffic Sensor Routing in Dynamic Transportation Systems	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL27	A Transmission Scheme for Wireless Sensor Networks Using Ant Colony Optimization with Unconventional Characteristics	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL28	Performance Improvement of MANET under DSR Protocol using Swarm Optimization	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL29	LoCoDuo - Low Cost Dual Hop Clustering based Routing Protocol for Wireless Sensor Network	CS,EC,IS,IT,S E,DCE,DNE	2014	JAVA&J2EE/ MATLAB
RPPROJECTRL30	Enhanced Flooding Scheme for AODV Routing Protocol in Mobile Ad hoc Networks	CS,EC,IS,IT,S E,DCE,DNE	2014	JAVA&J2EE/ MATLAB
RPPROJECTRL31	Improvement Delay and Capacity (Throughput) in Mobile Ad Hoc Networks Using A New Routing Algorithm	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL32	A Network Lifetime Enhancement Method for Sink Relocation and Its Analysis in Wireless Sensor Networks	CS,EC,IS,IT,S E,DCE,DNE	2014	JAVA&J2EE/ MATLAB
RPPROJECTRL33	Reliability-Oriented Single-Path Routing Protocols in Wireless Sensor Networks	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL34	EDAL: An Energy-Efficient, Delay-Aware, and Lifetime-Balancing Data Collection Protocol for Heterogeneous Wireless Sensor Networks	CS,EC,IS,IT,S E,DCE,DNE	2014	MATLAB
RPPROJECTRL35	SAERP: Energy Efficiency Real-time Routing Protocol in WSNs	CS,EC,IS,IT,S E,DCE,DNE	2014	JAVA&J2EE/M ATLAB

RPPROJECTRL36	Overcoming Far-end Congestion in Large-Scale Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL37	An Efficient Cluster-Tree Based Data Collection Scheme for Large Mobile Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL38	Extending Wireless Sensor Network Lifetime With Global Energy Balance	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL39	Clustering Algorithms for Wireless Sensor Networks: A Review	CS,EC,IS,IT,SE,DCE,DNE	2015	JAVA&J2EE/MATLAB
RPPROJECTRL40	Bandwidth-Aware High-Throughput Routing with Successive Interference Cancellation in Multi hop Wireless Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL41	A Greedy Algorithm in WSNs for Maximum Network Lifetime and Communication Reliability	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL42	A Distributed Approach to Construct Hierarchical Structure for Routing with Balanced Energy Consumption in WSNs	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL43	A Framework for Evaluating the Best Achievable Performance by Distributed Lifetime-Efficient Routing Schemes in Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL44	E-MAntNet: An ACO-Based Energy Efficient Routing Protocol for Mobile Ad Hoc Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL45	An Improved Cluster Head Selection Approach for Energy Efficiency in Wireless Sensor Networks: A Review	CS,EC,IS,IT,SE,DCE,DNE	2015	JAVA&J2EE/MATLAB
RPPROJECTRL46	High-Throughput Reliable Multicast in Multi-Hop Wireless Mesh Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL47	Power Control in Non-uniform Wireless Sensor Networks Based on the Parallel Ant Colony Algorithm	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB
RPPROJECTRL48	Opportunistic Routing Algorithm for Relay Node Selection in Wireless Sensor Networks	CS,EC,IS,IT,SE,DCE,DNE	2015	MATLAB

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## **DATA MINING & WEB MINING & SOFTWARE ENGINEERING**

<b>PROJECT CODE</b>	<b>PROJECT Title</b>	<b>BRANCH</b>	<b>IEEE Paper</b>	<b>LANGUAGE</b>
DWPROJECTRL1	Design and Implementation for Ranking of web documents using semantic similarity	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL2	Design and implementation of clustering project proposals on ontology based text mining approach	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL3	Design and Implementation of a Software Tool for Raising Awareness of Diabetic Foot in Diabetic Patients	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL4	Design and Implementation Intelligent search in E-Tourism services using Recommendation System	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL5	Online Search and Buying Behavior in Consumer Markets	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL6	Review analyzer: Analyzing consumer product reviews from review collections	CS,IS,IT,SE	2012	JAVA&J2EE
DWPROJECTRL7	Web caching through modified cache replacement algorithm	CS,IS,IT,SE	2012	JAVA&J2EE
DWPROJECTRL8	Prediction of User's Web-Browsing Behavior: Application of Markov Model	CS,IS,IT,SE	2012	JAVA&J2EE
DWPROJECTRL9	Web Search Personalization by User Profiling	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL10	Mining Contents in Web Page Using Cosine Similarity	CS,IS,IT,SE	2013	JAVA&J2EE
DWPROJECTRL11	Design and Implementation of Addressing Mental Health Epidemic among University Students via Web-based, Self-Screening and Referral System	CS,IS,IT,SE	2011	JAVA&J2EE
DWPROJECTRL12	An Ontology-Based Text-Mining Method to Cluster Proposals for Research Project Selection	CS,IS,IT,SE	2012	JAVA&J2EE
DWPROJECTRL13	A Hybrid Approach for Predicting User's Future Request	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL14	WebMate: Web Application Test Generation in the Real World	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL15	Mining Social Media Data for Understanding Students' Learning Experiences	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL16	Prioritizing web links based on web usage and content data	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL17	An approach towards comprehensive sentimental data analysis and opinion mining	CS,IS,IT,SE	2014	JAVA&J2EE

DWPROJECTRL18	Book recommendation system based on combine features of content based filtering, collaborative filtering and association rule mining	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL19	News recommendation based on Web usage and Web content mining	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL20	Semantic Properties of Customer Sentiment in Tweets	CS,IS,IT,SE	2014	JAVA&J2EE
DWPROJECTRL21	Design Intelligence of Web Application for Internet Direct Consumer-to-consumer trading	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL22	Towards Effective Bug Triage with Software Data Reduction Techniques	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL23	Cascade with Varying Activation Probability Model for Influence Maximization in Social Networks	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL24	THE SAFE MINER: A Fine Grained Aspect Level Approach for Resolving the Sentiment	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL25	Domain-Specific Key phrase Extraction and Near-Duplicate Article Detection based on Ontology	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL26	Identifying Semantic and Syntactic Relations from Text Documents	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL27	Performance Analysis of Recommendation System Based On Collaborative Filtering and Demographics	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL28	Crawling through Web to Extract the Data from Social Networking Site – Twitter	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL29	Applying Data Mining Techniques to Predict Annual Yield of Major Crops and Recommend Planting Different Crops in Different Districts in India	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL30	Facilitating Coordination between Software Developers: A Study and Techniques for Timely and Efficient Recommendations	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL31	Detecting Duplicate Bug Reports with Software Engineering Domain Knowledge	CS,IS,IT,SE	2015	JAVA&J2EE
DWPROJECTRL32	Continuous Deployment and Schema Evolution in SQL Databases	CS,IS,IT,SE	2015	JAVA&J2EE

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## **Mobile Communication or Smart Antenna or Digital Communications**

SI No	Paper Title	Year	Language
MCPROJECTRL1	Energy Efficiency of Large-Scale Multiple Antenna Systems with Transmit Antenna Selection	2014	MATLAB
MCPROJECTRL2	Non-Omnidirectional Monopoles Forming a UCA and Resulting Resolution Capability of MUSIC	2014	MATLAB
MCPROJECTRL3	Robust interference suppression using a new LMS-based adaptive beamforming algorithm	2014	MATLAB
MCPROJECTRL4	Smart antennas aided wideband detection for spectrum sensing in cognitive radio networks	2014	MATLAB
MCPROJECTRL5	Downlink soft handover using multi-cell MIMO for 4G-LTE smart-phones	2014	MATLAB
MCPROJECTRL6	Rate Adaptation for 802.11 Multiuser MIMO Networks	2014	MATLAB
MCPROJECTRL7	Low-Complexity Conjugate Gradient-Based Widely Linear Adaptive Beamforming	2015	MATLAB
MCPROJECTRL8	A Comparative Study of Adaptive Beam forming Techniques in Smart Antenna Using LMS Algorithm and Its Variant	2015	MATLAB
MCPROJECTRL9	Enhancing the performance of AOA estimation in wireless communication using the MUSIC algorithm	2015	MATLAB