



RESEARCH SUPERVISOR DETAILS

NAME (CAPITAL LETTERS) : Dr.E.GOLDEN JULIE



DESIGNATION : Assistant Professor

DEPARTMENT : CSE

MAIL ID : goldenjulie.e@auttv1.ac.in

FACULTY :ICE

SUPERVISOR REG. NO: 3040005

TOTAL .NO.OF RESEARCH SCHOLAR (ONGOING):4

REGISTER NUMBER (FULL TIME)	NAME OF THE SCHOLAR
NIL	NIL

REGISTER NUMBER (PART TIME)	NAME OF THE SCHOLAR
18124891353	Sivakumar K
18244891200	Indra Navaroj G
18244891297	Beslin Pajila P J
19244897162	Kavitha Margret M

RESEARCH SCHOLARS (COMPLETED):

REGISTER NUMBER(FT/PT)	NAME OF THE SCHOLAR
NIL	NIL

PUBLICATIONS OF THE SUPERVISOR:

NAME	YEAR	TITLE	JOURNAL NAME	VOLUME & ISSUE	IMPACT FACTOR
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ANNA UNIVERSITY REGIONAL CAMPUS - TIRUNELVELI
TIRUNELVELI – 627 007

Dir : 0462-2554055

Office: 0462 – 2554255

Fax : 0462-2552877

E.Golden Julie	2016	Development of energy efficient clustering protocol in wireless sensor network using neuro-fuzzy approach	The Scientific World Journal	2016	NA
E.Golden Julie	2016	Performance analysis of energy efficient virtual backbone path based cluster routing protocol for WSN	Wireless Personal Communications	Volume 91, Issue 3	1.060
E.Golden Julie	2016	CDS-Fuzzy opportunistic routing protocol for wireless sensor networks	Wireless Personal Communications	Volume 90, Issue 2	1.060
E.Golden Julie	2016	Cluster based Routing in Sensor Network using Soft Computing Techniques: A Survey	Asian Journal of Research in Social Sciences and Humanities	Volume 7, Issue 3	NA
E.Golden Julie	2017	Energy Aware Clustering Scheme in Wireless Sensor Network Using Neuro-Fuzzy Approach	Wireless Personal Communications	95, 703–721 (2017).	1.060
E.Golden Julie	2017	Development Of Fuzzy Based Energy Efficient Cluster Routing Protocol To	Mobile network and application,pages	24, 394–406	3.259



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		Increase The Lifetime Of Wireless Sensor Networks			
E.Golden Julie	Nov 2018	FD-AOMDV: Fault-Tolerant Disjoint Ad-hoc On-Demand Multipath Distance Vector Routing algorithm in Mobile Ad-hoc Networks	<i>Journal of Ambient Intelligence and Humanized Computing</i>	10, 4455–4472	1.432
E.Golden Julie	Sep 2018	Design of a Buffer Enabled Ad hoc On-demand Multipath Distance Vector Routing Protocol for Improving Throughput in Mobile Ad hoc Networks	Wireless Personal Communications	106, 2053–2078	1.060
E.Golden Julie	Sep 2018	PSOBLAP: Particle Swarm Optimization-Based Bandwidth and Link Availability Prediction Algorithm for Multipath Routing in Mobile Ad Hoc Networks	Wireless Personal Communications	106, 2261–2289	1.060
E.Golden Julie	Mar 2019	A New Algorithm for High Power Node Multicasting in Wireless	IEEE ACCESS		3.0



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		Sensor Networks			
E.Golden Julie	Oct 2019	Neighbor Knowledge-based Rebroadcast Algorithm for minimizing the Routing overhead in Mobile Ad-hoc Networks	Ad Hoc Networks	93, 101896	3.643
E.Golden Julie	Feb 2019	SMR: A Synchronized Multipath Re-broadcasting Mechanism for Improving the Quality of Conversational Video Service	Wireless Personal Communications	104,1	1.060
E.Golden Julie	May 2019	MTPKM: Multipart Trust Based Public Key Management Technique to Reduce Security Vulnerability in Mobile Ad-Hoc Networks	Wireless Personal Communications	2,2019	1.060
E.Golden Julie	Oct 2019	Design of a security-aware routing scheme in Mobile Ad-hoc Network using Repeated Game Model	Computer Standards & Interfaces.	66, 103358	2.809
E.Golden Julie	May 2019	Probability-based cluster head selection and fuzzy multipath routing for prolonging lifetime of wireless sensor	Peer-to-Peer Network. Application	12: 1061	2.793



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		networks			
E.Golden Julie	Sep 2019	Modified zone based intrusion detection system for security enhancement in mobile ad hoc networks	Wireless networks	26, pages1275–1289	2.659
E.Golden Julie	Aug 2019	Design a prototype for automated patient diagnosis in wireless sensor networks	<i>Medical & Biological & Engineering & Computing</i>	57: 2373	2.116
E.Golden Julie	OCTOBER 2019	LINK DISJOINT MULTIPATH ROUTING FOR NETWORK TRAFFIC OVERLOAD HANDLING IN MOBILE ADHOC NETWORKS	IEEE ACCESS	7,1	3.0
E.Golden Julie	OCTOBER 2019	DRP DYNAMIC ROUTING PROTOCOL IN WIRELESS SENSOR NETWORKS	WIRELESS PERSONAL COMMUNICATIONS	111,1	1.060
E.Golden Julie	July 2019	Adaptive Convolutional Neural Network using N-gram for Spatial Object Recognition	Earth Science Informatics	12, pages525–540	1.802
E.Golden Julie	April 2020	Fuzzy Logic based Smart	Journal of Cleaner Production	Volume 252, 10 April 2020,	7.246



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		Irrigation System using Internet of Things			
E.Golden Julie	Jan 2020	A New Integrated Approach Based on the Iterative Super-Resolution Algorithm and Expectation Maximization for Face Hallucination	Applied sciences	Volume 10 Issue 2	2.474
E.Golden Julie	Jan 2020	AVRM: Adaptive void recovery mechanism to reduce void nodes in wireless sensor networks	Peer-to-Peer Network. Application	13, pages987–1001	2.793
E.Golden Julie	October 2020,	Enhanced Certificate Revocation Scheme with Justification Facility in Mobile Ad-hoc Networks	Computers & Security	Volume 97, 101962	3.579
E.Golden Julie	October 2020	Biometric template security using DNA codec based transformation	Multimedia Tools and Applications	29 October 2020	2.313
E.Golden Julie	October 2020	Hybrid optimization routing management for autonomous underwater vehicle in the internet of underwater things	Earth Science Informatics	20,October 2020	1.802



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E.Golden Julie	June 2020	Internet of Green Things with autonomous wireless wheel robots against green houses and farms	International Journal of Distributed Sensor Networks.	June 15, 2020	1.151
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HONOURS / AWARDS(RECEIVED FROM PUBLISHER):

- Reviewer in the computers and electrical Engineering Elsevier publisher, since Sep 2016 (annexure I).
- Reviewer in Wireless personal communication Springer publisher, since January 2016. (Annexure I).
- Reviewer in Journal of Electrical Engineering & Technology since Feb 2016. (Annexure I).