

Dr.E.Golden Julie

Assistant Professor(sr.Grade)

Department of CSE

Regional campus,Anna university,Tirunelveli

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Research Area:

Wireless sensor Networks,Soft computing,IoT,Deep Learning,Blockchain, image processing and Clustering

➤ Educational Qualifications:

Qualification	Department	Year (From -To)	Percentage	Class
B.E	CSE	2001-2005	72	First
M.E	CSE	2006-2008	83	FWD
Ph.D	ICE	May 2017		

➤ Experience:

Name of Company / Institutions	Designation of Post	From	To	Relived on	Experience in Year
Maharaja Engineering college,avinashi	lecturer	23/6/2005	23/5/2006	23/5/2006	11 months
Maharaja Engineering college,avinashi	lecturer	30.04.2008	18.08-2009	18/8/2009	1 yr 3 months 18 days

Regional Campus- Anna University - Tirunelveli	Asst.Prof (sr.Grade)	25.08.2009	Till date		12 years 6 months
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➤ Awards:

- Best outgoing student of the year 2008 from Nandha Engineering college, Erode.
- HONOUR CODE CERTIFICATE for "Technical Communication "organised by Indian institute of technology bombay, from 8th oct to 5th Dec 2015.
- Best NSS Unit Award from Anna University Chennai 2017-2018.
- Topper in NPTEL course "Introduction to internet of things" Jan-April 2018
- Certificate of Appreciation from SCAD college of Engineering and Technology for acting as a jury in the 1st international conference on Recent Innovations in Applied science, Engineering & Technology "RIASET-18" held on 13th april 2018
- *HONOUR CODE CERTIFICATE for "ET701x: Elements of Learner-Centric MOOCs"organised by Indian institute of technology bombay, 03 May 2018 to 23 May 2018.*
- Certificate of Appreciation from SCAD college of Engineering and Technology for delivered keynote talk and chaired a session at the 3rd International conference on trends in Electronics and Informatics(ICOEI-2019) held on April 23-25 2019.
- Certificate of Appreciation from NPTEL to recognise as an Reviewer for the course" software testing" 22 oct 2019
- Certificate of Appreciation from NPTEL to recognise as a Reviewer for the course" computer architecture"
- Certificate of Appreciation from NPTEL to recognise as translator for the course" switching circuits and Logic design"13 Dec 2019
- Certificate of Appreciation from NPTEL to recognise as an "NPTEL Stars" - "NPTEL_MOTIVATED_LEARNER".Dec 2019.
- Certificate of Appreciation from NPTEL to recognise as an "NPTEL Stars"- NPTEL DISCIPLINE STARS"Dec 2019.

- NPTEL Silver medal for the course “Cloud computing” organised by Indian institute of technology ,Madras from Aug-oct 2019.
- NPTEL Silver medal for the course “Object Oriented Analysis and Design”organised by Indian institute of technology , Kharagpur from Aug-oct 2019.
- Certificate of Appreciation from NPTEL to recognise as an "NPTEL Stars" –NPTEL _BELIVERS” Dec 2020
- NPTEL Silver medal for the course “Big data computing” organised by Indian institute of technology , Kharagpur from Aug-oct 2021
- Additional / Academic Responsibilities at University:
 - Nss programme officer for unit 2 from 7.07.2015 to 20.02.2019
 - TANE-2018 certificate verification officer.
 - Class advisor, Womens day coordinator, Chair person, conference and Clustural jury etc
 - Act as CAUR for Anna university exam for every semester.
 - Hall supervisor for Internal and External Examination.
 - Inspection committee member for affiliation from 2010 Onwards.
 - Squad Member for Anna university Examinations
 - Conducted Special Camp for Nss student from 22 april to 28 april 2018.
 - Act as a Co-ordinator for FDTP On Multi-core architectures and programming held on 1st to 5th ,9th &10th Dec 2016.
 - Deliver lecture in FDTP On Multi-core architectures and programming held on 3rd &4th Dec 2016.
 - Act as a Nodal officer for Dec-Jan 2018-2019.
 - Member in anti -ragging committee from July 2018
 - Co-ordinator Academic research from Jan 2020
 - Co-ordinator AICTE From October 2021
- Professional Activities:
 - 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). Acted as TPC member of 3rd International Conference on Next Generation Computing Technologies (NGCT-2017) , 30th and 31st October,2017,Uttarakhand (INDIA) - 248 007, and reviewed four papers.
- Deliver lecture in Faculty development training programme on “Mobile and pervasive computing” at Anna university Regional centre, Tirunelveli from 6th june 2013
- Deliver lecture in Faculty development training programme on“ Operating System” at SCAD college of engineering and technology, Tirunelveli on 18th Dec2016.
- Deliver lecture in Faculty development training programme on” Compiler Design” at Scad College of Engineering and Technology on 11.12.2015
- D.C member for VIT student.
- Act as a Technical –Co-chair for National conference on Computing And communication NCCC15) Regional campus ,Anna university, Tirunelveli.Held on may 4,5,2015
- Act as a conference session chair for National conference on Recent Trends in Advanced computing ,SCAD college of engineering and Technology on 9th March 2012.
- Acted as technical chair in second (4th and 5th May 2015) national conference on computing and communication.
- Acted as a jury for the 1 st international conference on Recent innovations in applied science, engineering and technology “RIASET-18”organized by department science and humanities on 13th april 2018(1 day)
- Deliver chief guest address in one day state level technical symposium SPACES 2k18 organized by department of MCA,PET Engineering college,Vallore on 26th sep 2018.
- Deliver chief guest address in the International conference on Intelligent Communication and communication Technology-(ICCT 19) organized by CSI chapter and the Department of computer science and Engineering on 1 st March 2019.
- Deliver webinar about” How To write Research Articles” organized by department of computer science and Engineering,SCAD college of Engineering and Technology, Cheranmahadevi on 10th july 2020
- Act as a Technical –Co-chair for The 2021 International Conference on Computational Communication and Informatics is organized by Sri Shakthi Institute of Engineering and Technology Coimbatore and will be held online during January 27 to 29, 2021

➤ Membership of Scientific and Professional Societies:

- A Life Member of ISTE - no. LM92630

➤ Fellowships and Grants:

NIL

➤ Completed B.E/M.E Projects:

- a. Number of ME Projects Completed: Nos: 27
- b. Number of BE Project Completed: Nos 17

➤ PhD Research Projects (synopsis submitted)

1. Improve Fault Tolerance In Consensus Algorithm For Blockchain Applications
2. Soft Computing Based Security Methods For The Detection And Protection Of DDOS Attacks In The Wireless Sensor Networks

➤ PhD Research Projects (Ongoing)

- 1.Extracting image features with data integrity and confidentiality by verifiable outsourcing computation in cloud computing.
2. Improving security for designing blockchain technology in crypto Economic Market using IoT
- 3.Improved Methods for Smart Agriculture using the internet of things

List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)

- 1) Workshop (2007) “instructional Course on cryptography and net security “Sponsored by IARCS held at Nandha Engineering College on 1st &2nd sep 2007(2 days).
- 2) National Seminar (2009) on “Technical teachers quality improvement(TTQI-2009) organized by consortium of self financing professional ,Arts & Science colleges in tamilnadu, held on 30 &31st May 2009(2 days).
- 3) National level workshop(2012) on “Network simulation using –ns2” organized by National college of engineering on 10th march 2012(1 day).
- 4) ISTE Workshop (2012) on “Aakash for education” conducted by Indian institute of technology bombay, 10th & 11th Nov 2012(2 days).

- 5) Workshop (2012) on “Hands on Approach to wireless network simulator using NS2” organized by Regional Centre, Anna University Tirunelveli Region on 4th & 5th Dec 2012(2 days).
- 6) Workshop (2013) on “soft computing techniques & its applications” organized by Regional Centre, Anna University Tirunelveli Region on 4th & 5th March 2013(2 days).
- 7) International workshop(2013) on “system thinking & modelling ” organized by SCAD group of institutions on 15th April 2013(1 day).
- 8) NPTEL workshop(2013) “National programme on technology enhanced learning” organised by NPTEL on 20th april 2013(1 day).
- 9) ISTE Workshop(2013) on “Data base management systems” organised by Indian institute of technology bombay, from 21st to 31st may 2013(11 days).
- 10) FDP (2013) on “Mobile and pervasive computing” organised by Anna university Regional centre, Tirunelveli from 4th to 10th june 2013(7 days).
- 11) Seminar(2013) on “importance of free and open source software”organized by Regional centre ,Anna university,Tirunelveli, 22 oct 2013(1 day).
- 12) Workshop(2013) on “Hands on Approach to Proficient Document Writing Using LaTeX” organised by Regional Centre, Anna University Tirunelveli Region on 12th 13th November 2013(2 days).
- 13) ISTE workshop(2014) on “Signals and Systems” organised by Indian Institute of Technology kharagpur from 2nd to 12th January 2014(11 days).
- 14) ISTEe-Seminar(2014) on “step2 Research “Organized by Department of computer science,Department of Computer Applications Amal Jyothi college of Engineering, Kanjirappally.on 19-20 sep 2014(2 days).
- 15) National seminar(2014) on”High impact journal writing and publishing” Organized by Department of EEE,Regional Office:Anna university Tirunelveli on 25th sep 2014.
- 16) National workshop(2014) on ”Recent trends in mathematical coding theory & cryptography” Organized by Department of mathematics ,University V.O.C college of engineering, Thoothukudi, held on 17th dec 2014(1 day).
- 17) ISTE STTP (2015) on ”Technical Communication “organised by Indian institute of technology bombay, from 8th oct to 5th Dec 2015(59 days) .
- 18) FDP(2015) on“Compiler design” at SCAD college of engineering and technology, Tirunelveli from 7th to 13th Dec 2015(7 days).

- 19) DBT Sponsored workshop (2016) on “modern computing technologies for affective brain computer interface(ABCI)” from 8th to 9th jan 2016, organised by National engineering college ,kovilpatti(2 days).
- 20) NPTEL(MOOC)(2016)” introduction to research” organised by Indian institute of technology Madras from jan to feb 2016.(28 days)
- 21) Orientation programme for NSS Programme Officers(2016)” organised by Regional Centre, Anna University Tirunelveli Region on 31st March 2016(1 day).
- 22) FDP (2016)“Datawarehousing & Data Mining ” organised by Anna university Regional centre, Tirunelveli from 25th to 31th may 2016(7 days).
- 23) FDP on“ Operating System” organised by SCAD college of engineering and technology, Tirunelveli from 15th to 21th Dec 2016(7 days).
- 24) Orientation Training (2017) “Empanelled training Institution” organised by National service scheme Avinashilingam University 07.06.2017 to 13.06.2017 (7 days)
- 25) FDP(2016) on “Signals and systems” organised by Regional campus,Anna university, Tirunelveli from 12.06.2017 to 18.06.2016(7 days).
- 26) Workshop(2017) on “Hands on with Grid and Cloud computing” from 28 .06.2017 to 30.06.2017 organised by Dr.Sivanthi Aditanar college of Engineering Tiruchendur(3 days).
- 27) FDTP (2017)on “Emotional Intelligence” conducted by ICT Academy at Wavoo Wajeeha Women’s College of Arts & Science on 28-08-2017 and 29-08-2017(2 days).
- 28) Workshop(2017) on “Python programming” organised by Anna University at Anna University Regional Campus – Tirunelveli on 21-08-2017 and 22-08-2017(2 days)
- 29) AICTE sponsored seminar(2017) on “Research Perspectives and challenges in instrumentation aspects” from 25-10-2017 to 27-10-2017 at National Engineering College, Kovilpatti(3 days).
- 30) AICTE approved FDP(2017) on “Foundation Programme in ICT for Education”, from 03-08-2017 to 13-09-2017 organised by Anna University Regional Campus – Tirunelveli conducted by IIT Bombay(42 days).
- 31) AICTE approved FDP(2017) on “Pedagogy for online and blended teaching-learning process” from 14 September 2017 to 12 October 2017 at Anna University Regional Campus – Tirunelveli conducted by IIT Bombay(29 days).
- 32) FDP(2017) on “Artificial Intelligence” from 24-11-2017 to 30-11-2017 organised by Francis Xavier Engineering College, Tirunelveli(7 days).

- 33) Training programme(2018) “RRC programme officers and student volunteers” organised by TANSACS 21.03.2018(1 day)
- 34) Short Term Course(2018)”Geoinformatics for forest fire management” organised by Indian Institute for remote sensing from april 02 to april 07 2018(7 DAYS)
- 35) NPTEL(MOOC)(2018)”Deep Learning for visual computing ” organised by Indian institute of technology Kharagpur from jan to April 2018.(84 days days)
- 36) NPTEL(MOOC)(2018)”Introduction to internet of things” organised by Indian institute of technology Kharagpur from jan to April 2018.(84 days days)
- 37) *MOOC(2018) “ET701x: Elements of Learner-Centric MOOCs”organised by Indian institute of technology bombay, 03 May 2018 to 23 May 2018(21 days)*
- 38) Two weeks FDP on Entrepreneurship sponsored by NSTEDB-Govt of India.DST-NIMAT PROJECT 2018-19 in association with EDII-Ahmedabad from 22.10.2018 to 04.11.2018 at Regional campus,Anna university,Tirunelveli.
- 39) NPTEL(MOOC)(2018)” Blockchain Architecture Design and Use Cases ” organised by Indian institute of technology Kharagpur from july to Oct 2018.(84 days)
- 40) NPTEL(MOOC)(2018)” Data Base Management System” organised by Indian institute of technology Kharagpur from jan to April 2018.(84 days days)
- 41) FDP(2018)Two week Faculty Development Programme on “Mentoring Educators in Educational Technology (FDP 301X) “ conducted by IIT Bombay from 17th may 2018 to 05th july 2018.
- 42) NPTEL(MOOC)(2019)”Machine Learning ML” organised by Indian institute of technology ,Madras from feb –April 2019.(84 days)
- 43) NPTEL(MOOC)(2019)”Introduction to industry 4.0 and Industrial Internet of things” organised by Indian institute of technology, Kharagpur from jan- April 2019.(84 days)
- 44) NPTEL(MOOC)(2019) “Cloud computing” organised by Indian institute of technology ,Madras from Aug-oct 2019.(84 days)
- 45) NPTEL(MOOC)(2019) “Object Oriented Analysis and Design”organised by Indian institute of technology , Kharagpur from Aug-oct 2019.(84 days)
- 46) NPTEL(MOOC)(2020)”computer networks and Internet protocol” organized by Indian institute of technology , Kharagpur from Jan-Apr 2020.
- 47) NPTEL(MOOC)(2020)”User-centric computing for Human- Computer Interaction” organized by Indian institute of technology , Guwahati from Jan-Apr 2020.

- 48) Two weeks faculty development programme on "QUANTITATIVE METHODS FOR DATA ANALYSIS" organized by Teaching learning centre Ramanjan College, University of Delhi, From 12th August to 25th August 2020 and obtained grade A+.
- 49) AICTE Training And Learning (ATAL) Academy Online FDP (2020) on "Artificial Intelligence" from 08-06-2020 to 12-06-2020 at NIT Jamshedpur.
- 50) One week FDP (2020) on "modern educational tools and Pedagogical practices for on line teaching" organized by first year department of vidyalankar Institute of Technology, Mumbai 21 June to 25 June 2020.
- 51) One week FDP(2020) on "Emerging Trends in Data Science & IoT" organized by Department of Computer Science & Information Technology, Arka Jain University, Jamshedpur, Jharkhand held from 20th to 25th July 2020.
- 52) NPTEL(MOOC)(2020) on "object oriented system development using UML, Java and patterns" organized by Indian institute of technology, Kharagpur from Sep-Dec 2020
- 53) NPTEL(MOOC)(2020) on "python for data science" organized by Indian institute of technology, Madras from Sep-Oct 2020
- 54) NPTEL(MOOC)(2021) on "Big data Computing" organized by Indian institute of technology, Kharagpur from Sep-Oct 2021
- 55) Three week Industrial Training for faculty on "Communication and Networking Technologies" at BSNL, Meenambakkam, Chennai (Online mode) 23.06.2021 to 13.07.2021
- 56) Three weeks training program for faculty members on AICTE Student Learning Assessment – STTPPARAKH in collaboration with Construction Industry Development Council (CIDC) from 22 Nov, 2021 to 19 Dec, 2021

➤ International Conferences Participated:

- [1] Jevin.J & **E.Golden Julie**(2012) "Applying AODV protocol for better network connectivity in urban environments" 1st international conference proceedings on futuristic Trends in Computer science engineering & information Technology, Tiruvalluvar College Of Engineering, Vandavasi, Held on 28th & 29th Jan 2012.
- [2] **E.Golden Julie** & S.TamilSelvi(2012) "link quality metric based multicast protocol for wireless mesh networks" International Conference on modelling optimisation and computing (ICMOC 2012) Organised By Department of mechanical, Noorul Islam University 10TH & 11TH APRIL 2012

- [3] Judith Aro Floret.L & **E.Golden Julie** (2013)' Efficient scheduling for accuracy guaranteed periodic aggregation queries with degree in multihop sensor networks" 4th International Conference on advances in computer,communication & management Organised By sun college eof engineering and technology on feb 18,19 &20 2013.
- [4] Jerin Pappy.L& **E.Golden Julie** (2013) "coverage & connectivity in duty cycle wsn for warning composite events using mobile relays" 4th International Conference on advances in computer,communication & management Organised By sun college eof engineering and technology on feb 18,19 &20 2013
- [5] A.Jeevanandam & **E.Golden Julie** (2013) " cluster based energy effieient sensory data collection with mobile sinks" International Conference on Emerging marvels in information and computer science engineering Organised By Maria college of engineering and technology on 15th & 16th feb 2013
- [6] **E.Golden Julie** &S.TamilSelvi(2014) "Distributed self-healing protocol for unattended wireless sensor network " International Conference on MODELING OPTIMIZATION AND COMPUTING (ICMOC 2014) Organised By Department of Mechanical Engineering , Noorul Islam University 10TH & 11TH APRIL 2014
- [7] Sahaya Rose Vigita.E & **E.Golden Julie** (2014) "Reliable Virtual Cluster based Opportunistic Routing Protocol for Mobile Adhoc Networks" International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems (ICAEES 2014) Organised By Department of EEE , Noorul Islam University 22nd & 23rd APRIL 2014
- [8] M Thanga Aruna,& **E.Golden Julie** (2017),"Adaptive void recovery mechanism using geographical routing protocol for wireless sensor networks " International conference, at National Engineering college, held during 5 th to 7 th jan 2017.
- [9] P.Anitha,& **E.Golden Julie** (2017)" Trust threshold based neighborhood trustworthy node certified public key management in mobile Ad-Hoc Network." International conference, at National Engineering college, held during 5 th to 7 th jan 2017.
- [10] P.J Beslin Pajila & **E.Golden Julie**(2019)"Detection of DDOS Attack Using SDN in IOT: A survey"International conference on Intelligent Communication Technologies and Virtual Mobile Networks(ICICV 2019) organized by Francis Xavier Engineering College, Held on 14-15 feb 2019.

- [11] G.Indira Navaraj & E.Golden Julie(2019)”Survey on Privacy & security Issues in IoT Application using Blockchain” International conference on Intelligent Communication and communication Technology-(ICCT 19) orgainzed by CSI chapter and the Department of computer science and Engineering on 1 st March 2019.

Publications :

Books:

1. Edited book Title as “Successful Implementation and Deployment of IoT Projects in Smart Cities “by K. Saravanan, **E.Golden Julie** & Y. Harold Robinson . Publisher IGI Global in the The Advances in Environmental Engineering and Green Technologies (AEEGT) book series (<https://www.igi-global.com/book-series/advances-environmental-engineering-green-technologies/73679>)
2. Edited book Title as”Handbook of research on Blockchain Technology”by saravnan Krishnan,Valentina Emilia Balas,**E.Golden Julie**,Y.Harold Robinson, S.Balaji, Raghvendra Kumar.Academic Press Elsevier(**ISBN:** 9780128198162)
3. Edited book Titles as” Blockchain Technology: Fundamentals, Applications, and Case Studies” by E.Golden Julie,J.Jesu vedha nayahi and Noor Zaman Jhanjhi CRC Press.(ISBN:978-0-367-43147-2)
4. Edited book Title as”Blockchin for smart cities”by saravnan Krishnan,Valentina Emilia Balas,**E.Golden Julie**,Y.Harold Robinson, Raghvendra Kumar.Academic Press Elsevier (ISBN:978-0-12-824446-3)
5. Edited book title as” Handbook of Deep Learning in Biomedical Engineering and Health Informatics”by **E Golden Julie**, Y Harold Robinson, SM Jaisakthi CRC press(ISBN :978-1-77188-998-8
6. Edited book title as” Simulation and Analysis of Mathematical Methods in Real-Time Engineering Applications” by T Ananth Kumar, **E Golden Julie**, Y Harold Robinson, SM Jaisakthi John Wiley & Sons (ISBN:9781119785378)

a. Book Chapter :

1. K. Saravanan, **E.Golden Julie** & Y. Harold Robinson(2018)” Smart Cities & IoT: Evolution of Applications, Architectures & Technologies, Present Scenarios & Future Dream” published in the book series “Internet of Things and Big Data Analytics for Smart Generation” Intelligent System Reference Library. Springer-C-CTP-01/2018.
2. **E.Golden Julie**, K. Saravanan, and Y. Harold Robinson(2018) “Soft Computing-Based Void Recovery Protocol for Mobile Wireless Sensor Networks “ EAI/Springer Innovations in Communication and Computing, H. Anandakumar et al. (Eds): Computational Intelligence and Sustainable Systems, 978-3-030-02673-8, 469870_1_En, (2).
3. **E.Golden Julie(2019)**” Waste Management System for Smart City Using IoT” The IoT and the Next Revolutions Automating the World,IGI Global publisher, EISBN13: 9781522592488| DOI: 10.4018/978-1-5225-9246-4.
4. P. J. Beslin Pajila & **E.Golden Julie(2019)**” Smart Grid: A Study on Communication Technologies, Security, and Privacy” Successful Implementation and Deployment of IoT Projects in Smart Cities, Publisher IGI Global in the The Advances in Environmental Engineering and Green Technologies (AEEGT) book series (<https://www.igi-global.com/book-series/advances-environmental-engineering-green-technologies/73679>
5. G. Indra Navaroj& **E.Golden Julie(2019)**” Smart Parking in Smart Cities Using Secure IoT” Successful Implementation and Deployment of IoT Projects in Smart Cities, Publisher IGI Global in the The Advances in Environmental Engineering and Green Technologies (AEEGT) book series (<https://www.igi-global.com/book-series/advances-environmental-engineering-green-technologies/73679>
6. Y.Harold Robinson,**E.Golden Julie** & A.vegi Fernando(2019) “Adaptive Encryption Technique for Collaborative Cloud Environments, Internet of Things and Analytics for Agriculture, Volume 2, Springer.

7. **E.Golden Julie** & Y.Harold Robinson "Security and Privacy Issues in Wireless Sensor Networks &IoT and Analytics for Agriculture, vol. 63, Springer.

8. Y Harold Robinson, **E Golden Julie**, S Raja, R Santhana Krishnan"Study and Develop an Effective Interfaces to Upload Data into Enterprise Resource Planning System", Multimedia Technologies in the Internet of Things Environment, Volume 2 springer

9. C Gopala Krishnan, Y Harold Robinson, **E Golden Julie**, AH Nishan, Prasannavenkatesan Theerthagiri, V Mohan Gowda," Machine Learning Techniques for Biometric Fingerprint Recognition Using the Magnitudes to Provide Privacy and Integrity" Multimedia Technologies in the Internet of Things Environment, Volume 2 springer

International Journals:

[1] R Anusuya, V Kavitha, **E.Golden Julie(2010)**, "Enhancing and analyzing search performance in unstructured peer to peer networks using enhanced guided search protocol (EGSP)", arXiv preprint arXiv:1006.4543.

[2] **E.Golden Julie** ,S Tamil Selvi, Y Harold Robinson(2014), "Opportunistic routing with secure coded wireless multicast using MAS approach", World Academy of Science, Engineering and Technology", International Journal of Computer, Electrical, Automation, Control and Information Engineering, Volume 8, Issue 7, Pages 1247-1250.

[3] **E.Golden Julie**, E Sahaya Rose Vigita, S Tamil Selvi (2015), "Distributed Self-Healing Protocol for Unattended Wireless Sensor Network", World Academy of Science, Engineering and Technology, International Journal of Computer, Information, Systems and Control Engineering, Volume 8, Issue 10, Pages 1680-1683.

[4] G.Anusha& **E.Golden Julie(2014)** "Improving the performance of video tracking using SVM" International Journal of Engineering Trends and Technology (IJETT)Vol 11,Number 3,2014

[5] E Sahaya Rose Vigita, **E.Golden Julie**, S Tamil Selvi(2015), "Reliable Virtual Cluster-Based Opportunistic Routing Protocol for Mobile Ad hoc Networks", Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, 2015, Pages 139-148, Springer.

- [6] **E.Golden Julie**, S Tamil Selvi(2016), "Development of energy efficient clustering protocol in wireless sensor network using neuro-fuzzy approach", The Scientific World Journal, Volume 2016.
- [7] Y Harold Robinson, M Rajaram, **E.Golden Julie** S Balaji(2016), "Dominating Set Algorithm and Trust Evaluation Scheme for Secured Cluster Formation and Data Transferring", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 2016, Volume 10, Issue 2, Pages 388-393.
- [8] **E.Golden Julie**, S Tamilselvi, Y Harold Robinson(2016), "Performance analysis of energy efficient virtual back bone path based cluster routing protocol for WSN", 2016, Wireless Personal Communications, Springer, Volume 91, Issue 3, Pages 1171-1189.
- [9] Y Harold Robinson, M Rajaram, **E.Golden Julie** & S Balaji(2016), "TBOR: Tree Based Opportunistic Routing for Mobile Ad Hoc Networks", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 2016, Volume 10, Issue 6, Pages 1115-1122.
- [10] Y Harold Robinson, M Rajaram, **E.Golden Julie** & S Balaji(2016), "Detection of Black Holes in MANET Using Collaborative Watchdog with Fuzzy Logic", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 2016, Volume 10, Issue 3, Pages 575-581.
- [11] Y Harold Robinson, M Rajaram, **E.Golden Julie** & S Balaji(2018), "Tree Based Data Fusion Clustering Routing Algorithm for Illimitable Network Administration in Wireless Sensor Network", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 2016, Volume 10, Issue 6, Pages 1215-1222.
- [12] S Balaji, M Rajaram, Y Harold Robinson, **E.Golden Julie**(2016), "A Hypercube Social Feature Extraction and Multipath Routing in Delay Tolerant Networks", International Journal of Computer, Electrical, Automation, Control and Information Engineering, World Academy of Science, Engineering and Technology, 2016, Volume 10, Issue 6, Pages 1212-1221.

- [13] **E.Golden Julie**, S Tamilselvi(2016), "CDS-Fuzzy opportunistic routing protocol for wireless sensor networks", Wireless Personal Communications, Volume 90, Issue 2, Pages 903-922.
- [14] Y Harold Robinson, **E.Golden Julie**, A Ayyasamy, M Archana(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, Pages 341-360.
- [15] S Balaji, **E.Golden Julie**, M Rajaram, Y Harold Robinson(2016), "Fuzzy Based Particle Swarm Optimization Routing Technique for Load Balancing in Wireless Sensor Networks", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, Volume 10, Issue 7, Pages 1418-1427.
- [16] Y Harold Robinson, **E.Golden Julie**, P Joyce Beryl Princess(2016), "Manipulation of Image Segmentation Using Cleverness Artificial Bee Colony Approach", World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, 2016, Volume 10, Issue 3, Pages 629-636.
- [17] Y Harold Robinson, **E.Golden Julie**, S Balaji(2016), "Bandwidth and Delay Aware Routing Protocol with Scheduling Algorithm for Multi Hop Mobile Ad Hoc Networks", 2016, World Academy of Science, Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering, Volume 10, Issue 8, Pages 1552-1561.
- [18] Y Harold, Robinson, **E.Golden Julie**, S Balaji(2017), "Halftone Based Feature Extraction To Reduce Computation For Image Processing", Journal of Global Engineering Problems and Solutions, 2017, Volume 1, Issue 1, Pages 59-64.
- [19] S Balaji, Y Harold, Robinson, **E.Golden Julie**(2017), "Xed And Quarantine Analysis Method For Replica Detection In Mobile Sensor Networks", Journal of Global Engineering Problems and Solutions, 2017, Volume 1, Issue 1, Pages 41-45.

- [20] Y Harold Robinson, **E.Golden Julie**(2017), " Fortification Predictable Innovating Teaching for Academic Class Room Teaching", International Journal of Innovative Works in Engineering and Technology (IJIWET), 2017, Volume 3, Issue 1, Pages 24-32.
- [21] M Thanga Aruna, **E.Golden Julie**, Y Harold Robinson(2017), " A Survey on Techniques for Selection of Forwarding Node in Wireless Sensor Networks", International Journal of Advances in Computer and and Electronics Engineering, 2017, Volume 2, Issue 4, Pages 24 – 29.
- [22] Y Harold Robinson, **E.Golden Julie**, S Balaji, A Ayyasamy(2017), "Energy Aware Clustering Scheme in Wireless Sensor Network Using Neuro-Fuzzy Approach", Wireless Personal Communications, Pages 1-19, Springer.
- [23] S Balaji, **E.Golden Julie**, Y Harold Robinson(2017), “Development Of Fuzzy Based Energy Efficient Cluster Routing Protocol To Increase The Lifetime Of Wireless Sensor Networks”*Mobile network and application*,pages 1-13,sep 2017. Springer.IF=3.259
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