

S No.	Paper Title	Journal Name	Authors Names	ISSN No.	Volume Issue, Page nos.	Year of Publication
1.	Multi-criteria Decision Making using Fuzzy Logic System for Optimized IDS http://www.ripublication.com	International Journal of Applied Engineering Research	Syeda Gauhar Fatima, Dr. Syed Abdul Sattar, Dr. K Anitha Sheela	0973-4562	Vol-10, Number 2 , pp 4645-4662	2015
2.	Energy Efficient Intrusion Detection System for WSN www.iaeme.com/ijecet.asp	International Journal of electronics and Communication Engineering & Technology (IJCET)	Syeda Gauhar Fatima, Dr. Syed Abdul Sattar, Dr.K.Anitha Sheela	0976-6464	Vol-3, Issue 3 , pp. 246-250	2012
3.	Energy Efficient Intrusion Detection System For Wireless Sensor Network Using Neural Network www.jatit.org	Journal of Theoretical and Applied Information Technology	Syeda Gauhar Fatima, Dr. Syed Abdul Sattar, Dr.K Anitha Sheela	1992-8645	Vol-59 Number 2	2015
4.	Overhead Assessment in WSN www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima, Syeda Kausar Fatima , Mohd Merajuddin	2321-9653	Vol-7 Issue IV	2019
5.	Efficient Defence System for Jamming Attacks In Wireless Sensor Networks http://www.iaeme.com	International Journal of Electronics and Communication Engineering and Technology (IJCET)	DR. Syeda Gauhar Fatima, Dr. Syed Abdul Sattar, Mohammed Sadiq	0976-6464	Vol-9 Issue 4	July-August 2018
6.	Geographic Routing Protocol for Ultrawideband WSN www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Mohd Mehrajuddin	2321-9653	Vol-7 Issue- IV	April 2019
7.	Interference Minimization in TDMA MAC Protocols for WSN www.ijraset.com	International Journal for Research in Applied Science & Engineering & Technology (IJRASET)	Dr.Dyeda Gauhar Fatima, Mrs.Syeda Kausar Fatima, Saquin Mohiuddin	2321-9653	Vol-7 Issue-IV	April 2019
8.	A ZigBee-Based Home Automation System www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.M.A.Nayeem, Dr.Syeda Gauhar Fatima, Afifah Taiyaba Ameer, Fatima Md.Siddiqua, Hajira Khan	2349-5162	Volume-6 Issue-3	March 2019
9.	Energy Harvesting Routing Algorithms for WSN-based IOT Environment www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.M.A.Nayeem, Dr.Syeda Gauhar Fatima, Afifa Taiyaba Ameer, Fatima Md. Siddiqui, Hajira Khan	2349-5162	Volume-6 Issue-3	March 2019

10.	Under Pipe, Traveling Robot to Detect Gas Line Leakage and Address Navigation to Cloud over IOT www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.M.A.Nayeem, Dr.Syeda Gauhar Fatima, Syeda Shaker Hussain	2349-5162	Volume 6 Issue-3	March 2019
11.	Smart Multipurpose Unmanned Aerial Vehicle with 3D Depth Mapping & Spectral Imaging www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.Syeda Gauhar Fatima, Abdul Aleem, Saquid Mohiuddin, Abus Samee	2349-5162	Volume-6 Issue-4	April 2019
12.	Iris Recognition for Secure Biometric Authentication using Artificial Neural Networks & Pupil Dilation www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.Syeda Gauhar Fatima, Abus Samee, Saquib Mohiuddin	2349-5162	Volume-6 Issue-4	April 2019
13.	Prototyping of Smart Mine Detection Rover with Cloud Based Image Processing using MATLAB www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.Syeda Gauhar Fatima, Saquib Mohiuddin, Mohammed Samad, Khaja Masi Uddin	2349-5162	Volume-6 Issue-4	April 2019
14.	Analysis Of BJT with respect to JFET Biasing www.irjet.net	International Research Journal of Engineering and Technology (IRJET)	Md.Zubair Khan, Syed Mustafa, Noor ul Abedin, Dr.Syeda Gauhar Fatima	e-ISSN: 2395-0056 p-ISSN: 2395-0072	Volume-5 Issue-09	September 2018
15.	Design and Fabrication of Double Sided U Shaped Microstrip Antenna and Compared with Single U Shaped Microstrip Antenna www.jetir.org	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr.Syeda Gauhar Fatima, Md Zubair Khan	2349-5162	Volume-6 Issue-03	March 2019
16.	Increasing Network Lifetime by Radio Wake-up for Wireless Sensor Networks www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima, Syeda Kausar Fatima, Abdul Aleem	2321-9653	Volume-7 Issue-4	April 2019
17.	Geographical Routing Protocols in Wireless Sensor Networks www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima, Syeda Kausar Fatima, Abeer Arif	2321-9653	Volume-7 Issue-04	April 2019
18.	Wake-up Radios for Wireless Sensor Networks www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima, Syeda Kausar Fatima, Mohd Sadiq	2321-9653	Volume 7 Issue 4	April 2019

19.	An Organised Anomaly Recognition Scheme for WSNs www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima , Syeda Kausar Fatima, Syed Mohd Ali	2321-9653	Volume7 Issue 4	April 2019
20.	Secure Geographic Routing in WSN based on Trust Adaptive Trust Model www.ijraset.com	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Syeda Gauhar Fatima , Syeda Kausar Fatima, Ayesha Siddiqui	2321-9653	Volume 7 Issue 4	April 2019
21.	Text Based Image Retrieval using Neural network algorithm www.jetir.org	Journal of Emerging Technologies and Innovative Research	Dr. M.A Nayeem, Dr Syeda Gauhar Fatima, Md. Shawar Sohail, Ayesha Siddiqui, Syed Mustafa	2349-5162	Volume 6 Issue 3	March 2019
22.	A Better View Over Building Detection Through RGB Fusion Of SAR Images www.jetir.org	Journal of Emerging Technologies and Innovative Research	Dr. Syeda Gauhar Fatima, Syeda Bushra Fatima, Adiba Sameen	2349-5162	Volume 6 Issue 3	March 2019
24.	Low-Power and Area-Efficient Shift Register Using Pulsed Latches www.jetir.org	Journal of Emerging Technologies and Innovative Research	Dr Syeda Gauhar Fatima, Aiman Sultana, Sameera Begum, Ayesha Talat	2349-5162	Volume 6 Issue 3	March 2019
25.	Design of Power and Area Efficient Approximate Multipliers www.jetir.org	Journal of Emerging Technologies and Innovative Research	Dr. Syeda Gauhar Fatima, Md Abdul Khader, Syed Amer, M. Mohd Mobin, MD Zubair Khan	2349-5162	Volume 6 Issue 3	March 2019
26.	Voice Administered Home Automation System using Bit Voicer www.jetir.org	Journal of Emerging Technologies and Innovative Research	Dr.Syeda Gauhar Fatima, Abeer Arif, Afeen Begum, Tayyaba Nizami	2349-5162	Volume-6 Issue-03, pp.470-472	March 2019
27.	An Improved Routing Protocol Scheme in ADHOC Networks http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.syed Abdul Sattar, Syed Mohammed Ali	0976-6480	Volume-10, Issue-2 pp.254-262	March -April 2019
28.	An Advanced Data Security Method in WSN http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.syed Abdul Sattar, Dr.K.Anita Sheela	0976-6480	Volume-10, Issue-2 pp.263-273	March -April 2019

29.	A Security Scheme Based on Trust Attack in MANET http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.syed Abdul Sattar, Dr.D.Srinivasa Rao	0976-6480	Volume-10, Issue-2 pp. 290-299	March -April 2019
30.	An Independent Trust Model for MANET Based on Fuzzy Logic Rule http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.syed Abdul Sattar, Dr.D.Srinivasa Rao	0976-6480	Volume 10, Issue-2 pp.278-289	March -April 2019
31.	A Survey on IOT Technology http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.K.Anita Sheela	0976-6480	Volume 10, Issue-2 pp. 73-77	March -April 2019
32.	A Monitoring Scheme With IOT and Sensor Expertise http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr.K.Anita Sheela, Dr.Syed Abdul Sattar	0976-6480	Volume 10, Issue-2 pp. 271-277	March -April 2019
33.	Trust Model with Defense Scheme in MANETS http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr.Syeda Gauhar Fatima, Syeda Kausar Fatima, Syed Mohd Ali, Dr.Syed Abdul Sattar	0976-6480	Volume-10 Issue-02 pp.300-321	March -April 2019
34.	Designing The IOT Basestation for Greenhouse Monitoring http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Syeda Gauhar Fatima, Syeda Kausar Fatima, Mohd. Mehrajuddin	0976-6480	Volume-10 Issue-02 pp.65-72	March -April 2019
35.	An Intrusion Detection And Avoidance Mechanism To Secure Manets http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Syeda Kausar Fatima, Dr. Syeda Gauhar Fatima, Dr. Syed Abdul Sattar, Dr Anita Sheela	0976-6480	Volume-10 Issue-02 pp.322-332	March -April 2019
36.	Home Automation System With WSN and IOT http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima , Syed Mohd Ali, Naseer Ahmed Khan, Syed Adil	0976-6480	Volume-10 Issue-02 pp.78-85	March -April 2019
37.	Enhancement Of Electrical Energy Efficiency By "Internet of Things" http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima , Dr K Anitha Sheela, Naseer Ahmed Khan, Syed Adil	0976-6480	Volume-10 Issue-02 pp.86-91	March -April 2019

38.	Energy Efficient Routing In Wireless Sensor Networks Based On QOS http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Syed Mohd Ali, Dr Syeda Gauhar Fatima, Syeda Kausar Fatima , Dr Syed Abdul Sattar	0976-6480	Volume-10 Issue-02 pp.97-104	March -April 2019
39.	Load Balancing And Energy Efficiency In WSN By Cluster Joining Method http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr K Anitha Sheela , Syed Shaker Hussaini	0976-6480	Volume-10 Issue-02 pp.124-134	March -April 2019
40.	Security Concerns In Wireless Sensor Networks http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Mohd Mehrajuddin, Saquib Mohiuddin	0976-6480	Volume-10 Issue-02 pp.135-142	March -April 2019
41.	A Security Protocol For Wireless Sensor Networks http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Syed Mohd Ali	0976-6480	Volume-10 Issue-02 pp.155-174	March -April 2019
42.	A Study On Intrusion Detection http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Syed Adil	0976-6480	Volume-10 Issue-02 pp.143-154	March -April 2019
43.	A Key Level Selection Within Hash Chains For The Efficient Energy Consumption In WSNS http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Naseer Ahmed Khan, Syed Adil	0976-6480	Volume-10 Issue-02 pp.175-188	March -April 2019
44.	Cloud Computing And Load Balancing http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Naseer Ahmed Khan, Syed Adil	0976-6480	Volume-10 Issue-02 pp.189-209	March -April 2019
45.	Methodologies And Challenges Of WSN For IOT http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr. Syeda Gauhar Fatima, Syeda Kausar Fatima, Syed Mohd Ali, Naseer Ahmed Khan, Syed Adil	0976-6480	Volume-10 Issue-02 pp.210-214	March -April 2019
46.	Mobile ADHOC Networks Security Challenges: A Survey http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Syed Mohd Ali	0976-6480	Volume-10 Issue-02 pp.224-237	March -April 2019

47.	A Relative Study On Cellular, WSN And Manets http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Syed Mohd Ali	0976-6480	Volume-10 Issue-02 pp.238-244	March-April 2019
48.	Performance Estimation Of ADHOC Routing Protocols With NS2 Simulator http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Syed Mohd Ali	0976-6480	Volume-10 Issue-02 pp.215-223	March-April 2019
49.	An Analysis On Cooperative Attacks In Manets http://www.iaeme.com	International Journal of Advance research in Engineering and Technology (IJARET)	Dr Syeda Gauhar Fatima, Syeda Kausar Fatima, Dr Syed Abdul Sattar, Dr. D. Srinivasa Rao	0976-6480	Volume-10 Issue-02 pp.245-253	March-April 2019
50.	Automation of Irrigation System Using ARM Processor	Journal of Emerging Technologies and Innovative Research (JETIR)	Dr. Syeda Gauhar Fatima, Ata ul Qadir Adnan	2349-5162	Vol-9, Issue 6	June 2022
51.	Striving For Human-Like Conversational AI: Challenges And Opportunities In Open Domain ChatBot Development	Journal of Nonlinear Analysis and Optimization	Dr. Syeda Gauhar Fatima	1906-9685	Vol. 13, Issue. 2	2022
52.	Machine Learning-Based Spectral Pattern Recognition In X-RAY Free Electron Laser Science	Journal of Nonlinear Analysis and Optimization	Dr. Syeda Gauhar Fatima	1906-9685	Vol. 13, Issue. 2	2022
53.	Comparative Analysis of Automated Melanoma Recognition Algorithms in Dermoscopy	International Journal on Science and Technology	Dr. Syeda Gauhar Fatima	2229-7677	Volume 16, Issue 3	July-September 2025
54.	A Comprehensive Review of Emerging Technologies in Solar Powered Electric Vehicles	TIJER - International Research Journal	Dr. Syeda Gauhar Fatima	2349-9249	Volume 13, Issue 1	January-2026
55.	Advance Electronic Voting Machine (EVM)using fingerprint sensor and Arduino	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, FARIHA FATIMA, ZAINAB RIA RASHEED, SYEDA HALEEMA SADIA	2277-2685	Vol-16 Issue 2s	April 2026

56.	Hybrid Deep Learning And Texture Fusion For Enhanced Knee Osteoarthritis Grading	International research Journal of Modernization in Engineering Technology and Science	Dr. Syeda Gauhar Fatima Mrs Yasmeen Sultana MYSHA FATHIMA MADIHA NAAZ	2582-5208	Vol-08 Issue 05	May 2026
57.	Vehicle over speed detection and alerting system	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, Mrs Yasmeen Sultana, ABDUL RAHMAAN KHAN, MOHAMMED MATEEN, MOHAMMED UZAIR AHMED	2277-2685	Vol-16 Issue 2s	April 2026
58.	IoT-Based Real Time Accident Prevention Alert Communication System and Monitoring System for Blind Curve	Journal of Advance and Future Research	Dr. Syeda Gauhar Fatima, MOHAMMED AAMIR SHAREEF, ZAID AHMED, SYED MASIHUDDIN	2984-889X	Vol-4 Issue 5	May 2026
59.	Multipurpose Locker Security System Using Image Processing and IOT	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, Mrs Syeda Nousheen, Hashmi, SHAIK AZEEM PASHA	2277-2685	Vol-16 Issue 2s	April 2026
60.	IoT Based Railway Track Crack Detection System	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, Mr V A Imran , MOHAMMED ROMAN ALI, MOHD. ABDUL SARFARAZ QURESHI, MD. GHOUSE	2277-2685	Vol-16 Issue 2s	April 2026
61.	Wireless Surveillance robot	International research Journal TIJER.ORG	Dr. Syeda Gauhar Fatima, Mrs Syeda Nousheen, OWAIS BAIG, SYED AHMED HAIDER RAZVI, ASRAR AHMED	2349-9249	Vol-13 Issue 4	May-2026
62.	IoT based weather monitoring station	International research Journal TIJER.ORG	Dr. Syeda Gauhar Fatima, Mr H A Wasey, SYED FAZIL, MOHAMMED EYAD, MOHAMMED BILALUDDIN KASHIF	2349-9249	Vol-11 Issue 3	April-2026
63.	Smart medicine box with reminder	Journal of Advance and Future Research	Dr. Syeda Gauhar Fatima, Mr M.A. Majed, MOHAMMED	2984-889X	Vol-4 Issue 5	May 2026

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64.	Dual Axis Solar Tracker System Using Arduino	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, Mr V A Imran, RABIYA BEGUM, MD. UZMA BEGUM, SHAIK ABDUL GAFFUR	2277-2685	Vol-16 Issue 2s	April 2026
65.	GPS Threat Detection Using CG-Trained ANN Framework	International Journal of Engineering & Science Research	Dr. Syeda Gauhar Fatima, Mr M.A. Majed, MOHD. TEK BURHANUDDIN, SYED ABDUL BAQI	2277-2685	Vol-16 Issue 2s	April 2026
66.	A comprehensive Review of Algorithmic Evolution in Knee Osteoarthritis Diagnosis and Grading	Paper Submitted to UGC Care Journal	Dr. Syeda Gauhar Fatima, Shaik Ahmed	-	-	-
67.	Comprehensive Review...Diagnosis and Grading	International womens Conference	Dr. Syeda Gauhar Fatima	-	-	24-26 March 2026
68.	Enhanced GANs Approaches for Unbalanced Data in Risk Management	Latin American Journal of Pharmacy	Dr. Syeda Gauhar Fatima	-	Lat. Am. J. Pharm. 42 (3	2023
69.	Wireless Networks Featuring Twin Functionality for 6G Networks	Eur. Chem. Bull	Dr. Syeda Gauhar Fatima	3366-3375	Eur.Chem Bull.12(10),	2023