Patents:

S. No.	INVENTOR NAME	PATENT NAME	PATENT APP NO.
1	Dr. J.Nafeesa Begam	Helmet Wear Notification System	201741003249
2	Dr. J.Nafeesa Begam	A Portable Heating Article	201741016846
3	Prof.C.Satheesh Pandian	A Navigation & Information Assistive Spectacles	201741024458
4	Prof.S Selvi	A Collapsible Electronic Storage Housing For Two Wheeler	201741028908
5	Prof.S Selvi	Washing Machine	201741035618

Research Project:

Name of the Project	Application of simultaneous localization and mapping technique for three dimensional reconstruction through MAV Platforms
Investigator	Dr.J.Nafeesa Begum
Funded By	Directorate of Aeronautics / DRDO Aeronautics R & D Board, New Delhi
Amount	Rs.13.23
Duration	2 Years
Status	Completed

Book Publication

1. Computer Networks by C.Satheesh Pandian, AP/CSE, Sri Maruthi Publishers, ISBN: 978-93- 80757-77-3

2. Hierarchical Access Control by Dr.J.Nafeesa Begum, HOD/CSE, Lambert Academic Publishing, and ISBN: 978-62-03864-15-1, 2020.

3. Published a book on "Internet Programming", by Dr.G.Indirani, Mayas Publications, 2019

Journal / Conference Publication:

S.No	Dept	National / International	Journal / Proceedings	Title of the Paper	Name of the Conference	Year	Author(s)
1	CSE	National	Journal	Cost Effective Region-Based Group Key Agreement Protocol for Ad HOC Networks Using Elliptic Curve Cryptography	Lecture Notes in Computer Science	2011	K. Kumar,J. Nafeesa
2	CSE	National	Journal	A realistic approach for the deployment of national knowledge repositories by leveraging ETL tools		2012	Dr. J. Nafeesa Begum
3	CSE	National	Proceeding	Voice Recognized Activating the Control of Working Environment Automation System using Smart Phone	Emerging Trends in Advanced Computing and Communication	2013	Mrs. S. Selvi
4	CSE	National	Proceeding	A Stateless Variable Bandwidth Queuing	Emerging Trends in Advanced Computing and Communication	2013	Prof.C.Satheesh Pandian
5	CSE	International	Journal	Implementing Hierarchical Access Control in Organizations using Symmetric Polynomials and Tree Based	Advances in Information Science and Applications	2014	Dr. J. Nafeesa Begum

				Group Diffie Hellman Scheme", Advances in Information Science and Applications			
6	CSE	National	Journal	Hierarchical Access Control in Dynamic Peer Groups Using Symmetric Polynomial and Tree Based Group Elliptic Curve Diffie Hellman Scheme"	Journal of Computer Science, March '14	2014	Dr. J. Nafeesa Begum
7	CSE	International	Journal	A Stateless Variable Bandwidth Queuing Algorithm for Enhancing Quality of Service	Advances and Information Science and Applications	2014	Prof.C.Satheesh Pandian
8.	CSE	National	Proceedings	Simulation for simultaneous localization and mapping Algorithms	NAFEMS India Regional Conference on Engineering, Analysis, Modeling and Simulation 2015	2015	Dr. J. Nafeesa Begum
9.	CSE	National	Proceedings	Hierarchical Access Control in Organizations using Software Agents.	Hierarchical Access Control in Organizations using Software Agents.	2015	Dr. J. Nafeesa Begum
10.	CSE	National	Proceedings	Cost Curtail for Big Data Evaluation in Geo Distributed Data Centers	2nd National Conference on "Emerging Trends in Advanced Computing	2015	Prof. C.Satheeshpandian

					and Communicati on" GCEB Conluence'15		
11.	CSE	National	Proceedings	Mining Social Media for Understanding Student's Learning Experiences with Feedback Provision	National Conference on Emerging Trends in Advanced Computing and Communicati on	2015	Prof.S.Selvi
12.	CSE	National	Proceedings	A Novel Approach to Educational Big Data Filtering based on Keyword Recommendation Method	National Conference on Computationa l Intelligence, Security & Systems	2015	Prof.S.Selvi
13.	CSE	International	Proceedings	A Social Data Mining Approach to Generate Feedback Provision by understanding Students Learning Experiences	International Conference on Emerging Trends in Engineering Research	2015	Prof.S.Selvi
14.	CSE	International	Journal	Delay Control techniques in MANET	Delay Control techniques in MANET	2015	Dr.G.Indirani
15.	CSE	International	Journal	Cache based KNN query processing in MANET	Cache based KNN query processing in MANET	2015	Dr.G.Indirani
16.	CSE	International	Journal	Delay control in MANET using CBRT techniques	Delay control in MANET using CBRT techniques	2015	Dr.G.Indirani
17.	CSE	National	Journal	Application of simultaneous localization and mapping	Compendium of SIGMA Projects 2016. DRDO, ARDB	2016	Dr. J. Nafeesa Begum

				technique for three dimensional reconstruction through stable MAV Platforms	SIGMA Panel(February 2016)		
18.	CSE	National	Proceedings	Enhanced Digital Assessment of Examination with Secured Access	3rd National Conference on "Emerging Trends in Advanced Computing and Communication" GCEB Confluence'16	2016	Prof. C.Satheeshpandian
19.	CSE	National	Proceedings	Android Application for Doctor's Appointment	3rd National Conference on "Emerging Trends in Advanced Computing and Communication" GCEB Confluence'16	2016	Prof. C.Satheeshpandian
20.	CSE	National	Proceedings	Relationship pattern Matching and clustering based filtering for big data application	3rd National Conference on "Emerging Trends in Advanced Computing and Communication" GCEB Confluence'16	2016	Prof.M.Jagadeeswari
21.	CSE	National	Proceedings	A novel hardware approach MIMOSA to	3rd National Conference on "Emerging	2016	Prof.M.Jagadeeswari

				safeguard Private Keys against memory disclosure attacks	Trends in Advanced Computing and Communication" GCEB Confluence'16		
22.	CSE	National	Proceedings	School bus tracking System using GPS	3rd National Conference on "Emerging Trends in Advanced Computing and Communication" GCEB Confluence'16	2016	Prof.M.Jagadeeswari
23.	CSE	International	Proceedings	Performance Investigation of Dual Encryption Hierarchical Access Control Protocol realized with Symmetric Polynomials and Diffie Hellman Schemes	International Conference on Advances in Robotics, Energy and Network Systems ICARENS 2017,9 – 10 March 2017	2017	Dr. J. Nafeesa Begum
24.	CSE	National	Journal	Security Analysis of DEHAC –Dual Encryption Hierarchical Access Control Protocol		2017	Dr. J. Nafeesa Begum
25.	CSE	National	Proceedings	Whitespace Detection and Spectrum Characterization in Rural	4th National Conference on "Emerging Trends in Advanced Computing and	2017	Prof. C.Satheesh pandian

					Communication" GCEB Confluence'17		
26.	CSE	International	Proceedings	A survey on memory deduplication employed in Cloud Computing.	International Conference on Energy, Communication, Data Analytics & Soft Computing (ICECDS) - 2017	2017	Prof.M.Jagadeeswari
27.	CSE	National	Proceedings	Security Issues on VANETs - A Survey	4th National Conference on "Emerging Trends in Advanced Computing and Communication" GCEB Confluence'17	2017	Prof.C.M.T.Karthigeyan
28.	CSE	National	Proceedings	A Novel Approach to Analyze Place of Interest Dynamically by Generating Spatial- Visual Framework	National Conference on Emerging Trends in Advanced Computing and Communication	2017	Prof.S.Selvi
29.	CSE	National	Proceedings	Training User Location and Query using Weighted Keyword Document Graph Technique	National Conference on Emerging Trends in Advanced Computing and Communicati	2017	Prof.S.Selvi

					on		
30.	CSE	National	Proceedings	Medical Preprocessing Dataset Analysis on Weka Tool	National Conference on Emerging Trends in Advanced Computing and Communication	2017	Prof.S.Selvi
31.	CSE	National	Proceedings	Performance Analysis of offline English Character and Tamil Character Recognizing using MatLab	National Conference on Emerging Trends in Advanced Computing and Communication	2017	Prof.S.Selvi
32.	CSE	International	Proceedings	Performance Evaluation of the Integrated Rough Set and Adaptive Multilayer Perceptron Neural Network based Predictive Model Optimization	1st International Symposium on Artificial Intelligence and Computer Vision	2018	Prof.S.Selvi
33.	CSE	International	Journal	Performance Evaluation of Mathematical Predictive Modeling for Air Quality Forecasting	The Journal of Networks Software Tools And Applications	2018	Prof.S.Selvi
34.	CSE	International	Proceedings	Performance Analysis of Predictive Models using Data Mining Tools and UCI Repository	International Conference on Advances in Robotics, Energy and Network Systems,	2018	Prof.S.Selvi

35.	CSE	National	Journal	IoT based soil testing	Recent trends in Computing and Information Technology	2018	Dr.G.Indirani
36.	CSE	National	Journal	Real time Health monitoring system using Arduino with cloud technology	Recent trends in Computing and Information Technology	2018	Dr.G.Indirani
37.	CSE	National	Journal	IoT based Silence monitoring system	Recent trends in Computing and Information Technology	2018	Dr.G.Indirani
38.	CSE	National	Journal	A food management based on smart refrigerator system	Recent trends in Computing and Information Technology	2018	Dr.G.Indirani
39.	CSE	National	Journal	IoT based access control mechanism using RFID technology	Recent trends in Computing and Information Technology	2018	Dr.G.Indirani
40.	CSE	National	Proceedings	IoT based Home Automation system	National Conference on Machine Learning techniques	2018	Dr.G.Indirani
41.	CSE	National	Proceedings	A Survey on Agriculture monitoring using IoT	National Conference on Machine Learning techniques	2018	Dr.G.Indirani
42.	CSE	National	Proceedings	Survey on Modern Healthcare sstems using IoMT technology	National Conference on Machine Learning techniques	2018	Dr.G.Indirani
43.	CSE	International	Proceedings	Optical Flow and motion estimation based on machine	2 nd International Conference on	2019	Dr. J. Nafeesa Begum

				learning for Flame and Smoke detection	Technology and Advancements in computing Applications ICTACA' 19 , C.Abdul Hakeem College of Engineering and Technology.		
44.	CSE	International	Proceedings	Development of Face Recognition System on Raspberry Pi for Door Unlocking	3 nd International Conference on Technology and Advancements in computing Applications ICTACA' 19 , C.Abdul Hakeem College of Engineering and Technology.	2019	Dr. J. Nafeesa Begum
45.	CSE	National	Proceedings	Improved Visual Secret Sharing Scheme for QR code applications using AES Algorithm	National Conference on Recent trends in Information Communication and Computing Technology NCRICCT 2019 conducted by Department of CSE, Kuppam	2019	Dr. J. Nafeesa Begum

					Engineering College		
46.	CSE	National	Proceedings	National Conference on Recent trends in Information Communication and Computing Technology NCRICCT 2019 conducted by Department of CSE, Kuppam Engineering College	National Conference on Recent trends in Information Communication and Computing Technology NCRICCT 2019 conducted by Department of CSE, Kuppam Engineering College	2019	Dr. J. Nafeesa Begum
47.	CSE	National	Proceedings	Mobile Application for Collating, Feeding and Displaying News about Affairs and Events using RSS Feed	National Conference on Recent trends in Information Communication and Computing Technology NCRICCT 2019 conducted by Department of CSE, Kuppam Engineering College	2019	Dr. J. Nafeesa Begum
48.	CSE	International	Proceedings	Framework to Forecast Environment Changes by Optimized Predictive Modeling based on Rough Set and Elman Neural Network	International Conference on Computer Networks and Inventive Communication Technologies	2019	Prof.S.Selvi

49.	CSE	International	Proceedings	Heart Rate Monitoring System based on IoT	International Conference on Emerging Trends in Engineering and Technology Research	2019	Prof.S.Selvi
50.	CSE	National	Proceedings	An e-Smart and Secured App for Voting System	National Conference on Emerging Trends in Computer Science and Information Technology	2019	Prof.S.Selvi
51.	CSE	National	Proceedings	Effective and Efficient Behavior based Android Malware Detection and Prevention	National Conference on Emerging Trends in Computer Science and Information Technology	2019	Prof.S.Selvi
52.	CSE	National	Proceedings	Implementation of transportation Service System for Grocery Kart	National Conference on Emerging Trends in Computer Science and Information Technology	2019	Prof.S.Selvi
53.	CSE	National	Proceedings	Enhancing Image Security Using Digital Watermarking	TEQIP-III Sponsored 5th National Conference on "Emerging Trends in Advanced Computing and Communication" conducted by	2019	Prof.R. Subathra

					Government College of Engineering, Bargur.		
54.	CSE	National	Proceedings	Cardless Automated Teller Machine	National Conference on Recent trends in Information Communication and Computing Technology NCRICCT 2019 conducted by Department of CSE, Kuppam Engineering College	2019	Prof.R. Subathra