

SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)
SRM Nagar Kattankulathur – 603203.

DEPARTMENT OF INFORMATION TECHNOLOGY

Staff Achievements

FUND RECEIVED- AICTE Quality Improvement Schemes 2020-2021

Scheme	Name of PI and Co-PI	Conducted
STTP- Short Term Training Programme	Dr. B.Chidambararajan Dr. A.R.Revathi	Phase – I 26.10.2020 to 31.10.2020 Phase – II 16.11.2020 to 21.11.2020 Phase – III 23.11.2020 to 28.11.2020 Phase – IV 07.12.2020 to 12.12.2020

SRM VEC FUNDED SCHEME

Sr. No.	Academic Year	Name of the Faculty	Name of the Student	Title of the Project	Funding Agency	Sanctioned Amount (Rs.)
1	2021-2022	Dr.A.R.Revathi	P. Rajalakshmi M. Shwetha	An Innovative Approach and Automative System of Preventing the Edifice Ruin (AIAPER)	VEC	4000

2	2020-2021	Dr.A.R.Revathi	S.Shunmuga Raman S.Vengadesh K.Vignesh G.Vignesh Kanna	AI Based Control Adaptive Automation System	VEC	5000
3	2019-2020	Mr.K.Elaiyaraja	Aishwarya.K Akshaya.G Monicka.P Monikha.R	AJNA-A Smart Assistance for the Visually and cognitively impaired	VEC	5000
4		Ms.R.Thenmozhi	Ananthi.P Divya.R Lavanya.C Livya.K	Identification of anonymous identical users in multiple social media networks	TNSCST	4000
5	2018-2019	Ms.S.Shenbagavadivu	Ramya.C Shreya.R Sowmiya.R	Pseudo Human Virtual Conversational Assistant the FARMBOT	VEC	5000
6	2017-2018	Dr.A.R.Revathi	Carolene Natasha Maragatham.A Amruth.G Lavanya.B	Palliative Care Surveillance using IoT	TNSCST	10000

PATENT

S.No.	Academic Year	Name of the Inventor	Co Inventors and Count	Title	Date of Filling Application	Status and Publication Date	Application Number	Patent Category
1	2021-2022	Dr.S.Ravikumar	Mr.C.Sathiyavel Ms.G.Renuka Devi Mr.H.R.Divakar Ms.V.LMalini Ms.J.Nirmaladevi Mr.Mohammed Ali Mr.U.Nagappa U Bhajantri Mr.M.H.SIDRAM Ms.R.Karthika Devi Count=09	IOT based Virtual Students Monitoring System by Using TF Plus Mini Lidar Sensor	13.01.2021	Granted and Published 31.03.2021	2021100210	Australian Patent

2		Dr.A.R.Revathi Dr.D.Sridevi	Ms.SRIVIDHYA E Dr. KISHORE VERMA S Ms.SONYA A Mr.GOKULAKRISHNAN Mr.S.MURUGANATHAN Mr.ABRAR AHMED K Ms.JAYANTHI SMs.RANJANA S Ms.MYTHREYI N R Dr. MANIKANDAN J Count=10	A System of Computer Vision and Machine learning for optical character Recognition'	13.07.2021	Published &16.07.2021	202141031333A	INDIAN Patent
3		Dr.S.Jeyalakshmi Dr.S.Narayanan Dr.S.Sekar Mr.S.Sankaranarayanan	-	Multi Sensory Input Data Exchange By Virtual Reality Over 5G	09.07.2021	Published &16.07.2021	202141030897A	INDIAN Patent
4		Dr.S.Narayanan	Ms.V.Geetha Dr.Vinodkumar Jacob Dr.Manojkumar Gupta Dr.Takeshkumar Arora Mr.T.NShanavas Ms.R.S.Kavitha	Dynamic Real Time Protocol for Media Streaming in IoT Devices	01.07.2021	Published & 16.07.2021	202141029586	INDIAN Patent
5		Dr.A.R.Revathi	Mr.S.Shunmuga Raman Count:01	AI Based Control Adaptive Automation System	09.10.2020	Published & 16.10.2020	202041044014A	INDIAN Patent
6	2020-2021	Dr.S.Ravikumar	Dr.S.Kavitha Mr.C.Sathiyavel Dr.C.Rajeshkumar Ms.C.Ancy Dr.P.Duraipandi Dr.A.Pandian Dr.P.SrinivasaVarma	Wristwatch Based Health Monitoring System	22.03.2020	Published & 05.06.2020	202041012393A	INDIAN Patent

			Dr.Vijay Dr.R.Thandaiahprabhu Mr.V.Yokesh Ms.Benisha.M Dr.M.Bavanilatha Ms.G.Renuka Devi Count:13					
7		Dr.D.Sridevi	Mr.Ashok Ms.Umadevi Mr.K.Guru Ms.V.Selvalakshmi Mr.J.Anand Mr.S.Raja Count:06	BLOCK CHAIN BASED RICE ATM	18.10.2020	Granted and Published 02.12.2020	2020102839	Australian Patent
8	2019-2020	Dr.S.Ravikumar Dr.S.Kavitha	Ms.B.Indhuja Ms.L.Gayathri Ms.K.Dhanalakshmi. Count:03	Smart Agricultural Assistant for Animal Monitoring	07.01.2019	Published & 03.05.2019	201941000621A	INDIAN Patent
9		Dr.S.Narayanan	-	Ground Water Monitoring and Water Level Management System Using IoT	28.09.2019	Not Published	201941039312	INDIAN Patent
10	2018-2019	Dr.A.R.Revathi	Ms.S.Srinidhi Count:01	Locomotive Detection of Idols	04.05.2018	Published & 15.06.2018	201841016921A	INDIAN Patent

BOOK CHAPTER

S.No	Academic Year	Author	Title of the Chapter	Volume No. Page No.	Title of the Book	Publisher
1.	2021-2022	K. Elaiyaraja* , M. Senthil Kumar, B. Chidhambararajan	Enhanced Effective Generative Adversarial Networks based LRSD and SP Learned Dictionaries with Amplifying CS	ISBN 9781032047232	Machine Learning and IoT for Intelligent Systems and Smart Applications – Taylor and Francis Series Book Chapter, Nov 2021	CRC Press
2.		S. Sandhya* , M. Senthil Kumar, B. Chidhambararajan	An Automated Hybrid Transfer Learning for Detection and Segmentation of Tumor in MRI Brain Images with UNet and VGG-19 Network	ISBN 9781032047232	Machine Learning and IoT for Intelligent Systems and Smart Applications – Taylor and Francis Series Book Chapter, Nov 2021	CRC Press
3.	2020-2021	K.Elaiyaraja* Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Intelligent Big Data Domain for RfMRI Big Data Preprocessing – An Optimized Approach	pp.443-441 ISBN 978-98115-5285-4	Intelligence in Big Data Technologies-Beyond the Hype, July 2020	Springer
4.		S.Sandhya* Dr.B.Chidhambararajan Dr.M.Senthil Kumar	FCM-Based Segmentation and Neural Network Classification of Tumor in Brain MRI Images	pp. 371-378 ISBN 978-98115-5285-4	Intelligence in Big Data Technologies-Beyond the Hype, July 2020	Springer
5.		S. R. Preethi A. R. Revathi* M. Murugan	Exploration of Cough Recognition Technologies Grounded on Sensors and Artificial Intelligence	pp 193-215 DOI:10.1007/978-981-15-8097-0_8 ISBN: 978-981-15-8097-0	Internet of Medical Things for Smart Healthcare, Nov 2020	Springer
6.		Revathi Rajendran* Arthi Kalidasan Chidhambara Rajan B.	Convergence of AI, ML and DL for Enabling Smart Intelligence: Artificial Intelligence, Machine Learning, Deep Learning, Internet of Things	DOI: 10.4018/978-17998-3111-2.ch011 ISSN: 2328-2762 EISSN: 2328-2754	A Volume in the Advances in Web Technologies and Engineering(AWTE) Book Series, Jan 2021	IGI Global

S.No	Academic Year	Author	Title of the Chapter	Volume No. Page No.	Title of the Book	Publisher
7.		Preethi Sambandam Raju Revathi Arumugam Rajendran* Murugan Mahalingam	Perspectives of Machine Learning and Deep Learning in Internet of Things and Cloud:Artificial Intelligence –Based Internet of Things Systems	DOI: 10.4018/978-17998-3111-2.ch014 ISSN: 23282762 EISSN: 2328-2754	A Volume in the Advances in Web Technologies and Engineering(AWTE) Book Series, Jan 2021	IGI Global
8.	2019-2020	Preethi Sambandam Raju, Murugan Mahalingam Revathi Arumugam Rajendran*	Review of Intellectual Video Surveillance Through Internet of Things	Chapter No. 10 ISBN 978-0-12816385-6 pp. 141-155	The Cognitive Approach in Cloud Computing and Internet of Things, Technologies for Surveillance Tracking System, Dec 2019	Elsevier
9.	2018-2019	Thenmozhi R * Amudha B.	Efficient Video Delivery over a Software-Defined Network	Vol 500. SPRINGER, SINGAPORE (ISBN-978-981-13-0211-4)	ICCCE 2018 Lecture Notes In Electrical Engineering, Sep 2018	Springer
10.		K.Elaiyaraja* M. Senthil Kumar, L. Karthikeyan	An Amplifying Image Approach: Non-Iterative Multi Coverage Image Fusion	Vol. 31 pp. 71-80 ISBN 978-3030-04061-1	Computer Aided Intervention and Diagnostics in Clinical and Medical Images, Jan 2019	Springer
11.		S. Sandhya* M. Senthil Kumar, L. Karthikeyan	A Hybrid Fusion of Multimodal Medical Images for the Enhancement of Visual Quality in Medical Diagnosis	Vol. 31, pp.71-80 ISBN 978-3030-04061-1	Computer Aided Intervention and Diagnostics in Clinical and Medical Images, Jan 2019	Springer

BOOK PUBLICATION

S.No	ACY	Faculty Name	Topic
1	2017-2018	Dr.A.R.Revathi Dr.S.Narayanan Mr.E.Prabhakarraj	Published a book titled 'IT8201 Information Technology Essentials'

JOURNAL PUBLICATION

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
1.	2021-2022	K.Elaiyaraja Dr.M.Senthil Kumar Dr.B.Chidhambararajan	A Strategical Analysis and A Comparative Study on DMF	34(7) - 2021, pp.15-19, ISSN:00172294	GORTERIA, July 2021	UGC Approved (CARE-II)
2.		J.Tracy Tina Angelina Bathula Murali Krishna , A.R.Revathi S.R.Preethi	A Review on the Detection of Skull by Forensic Analysis	15(4), pp.1492-1500 P-ISSN : 0973-9122 O-ISSN : 0973-9130	Indian Journal of Forensic Medicine & Toxicology, October 2021	Scopus
3.		J.V.Anchitaalagammai Rajesh Verma M. Kavitha A.R.Revathi S.R.Preethi Kiranmai Bellam	Fuzzy Based Reliable Load Balanced Routing Approach for Ad hoc Sensor Networks	41(3) pp.861-874 DOI:10.32604/csse.2022.021049 ISSN: 0267-6192 (print)	Computer Systems Science & Engineering, December 2021	SCI (Web of Science)
4.		S.Jeyalakshmi S.Sekar S.Ravikumar D.Kavitha	Random Forest-Based Oppositional Henry Gas Solubility Optimization Model for Service Attack Improvement in WSN	pp. 1-12 ISSN 22502114 (O), 22502106 (P)	Journal of The Institution of Engineers (India): Series B, January 2022	Scopus, UGC-CARE List

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
5.		H. Anwar Basha, R. Saravanakumar, K. Prabu, Divyendu Kumar Mishra, S. Narayanan, A. Samydurai	A data transmission approach with energy reduction based on virtual machine migration technique in cloud computing	ISSN (O) 1755-9766 ISSN (P) 1755-9758	International Journal of Engineering Systems Modelling and Simulation, January 2022	Scopus
6.		Satish S. Salunkhe, Aditya Tandon, J. Thimmia Raja, S. Narayanan, Varsha ., D. Ramkumar	Data protection and threat prediction in industrial IoT cloud environment	ISSN (O) 1755-9766 ISSN (P) 1755-9758	International Journal of Engineering Systems Modelling and Simulation, January 2022	Scopus
7	2020-2021	D.Kavitha S.Ravikumar	Designing An Iot based Autonomous Vehicle Meant for Detecting Speed Bumps and Lanes on Roads	pp:1-10 ISSN: 1868-5137	Journal of Ambient Intelligence and Humanized Computing, July 2020	SCI,SCIE
8		S.Ravikumar D.Kavitha	IoT based home monitoring system with secure data storage by keccak-Chaotic sequence in cloud server	ISSN : 18685137	Journal of Ambient Intelligence and Humanized Computing, August 2020	SCI,SCIE
9		D.Kavitha S.Ravikumar	IOT and context –aware learning-based optimal neural network model for real –time health monitoring	32(1) ISSN:21613915	Transactions on Emerging Telecommunications Technologies, John Wiley and Sons Limited, October 2020	SCI,SCIE
10		S.Ravikumar D.Kavitha	IoT based Autonomous Car Driver Scheme Based on Anfis and Black Widow Optimization	ISSN : 18685137	Journal of Ambient Intelligence and Humanized Computing, January 2021	SCI,SCIE
11		R.Shanthi S.Prabakaran	A Smart Alternative Tool to Measure Intraocular Pressure during Coronavirus Pandemic	43(03 (II)) ISSN: 2249-6661	Sambodhi, November- December 2020	UGC Care Journal
12		S. Sandhya Dr. M. Senthil Kumar Dr. B. Chidhambararajan	An Integrated Framework for the Fusion of Multimodal Medical Images Using SR And MSD Techniques	32(3) pp. 67-71 ISSN 26514451 e-ISSN 2651-446X	Turkish Journal of Physiotherapy and Rehabilitation, April 2021	Scopus

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
13		K.Elaiyaraja Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Multimodal Medical Image Fusion using Structure Based Adaptive Decomposition with Enhanced Variation Model	32(3) pp. 59-66 ISSN 26514451 e-ISSN 2651-446X	Turkish Journal of Physiotherapy and Rehabilitation, April 2021	Scopus
14		S.Ravikumar D.Kavitha	A New Adaptive Hybrid Mutation Black Widow Clustering Based Data Partitioning for Big Data Analysis	ISSN (E): 1572-834X ISSN (P): 0929-6212	Wireless Personal Communications, April 2021	SCIE
15		Narayanan Subbiah R.Saranya	Edge Computing: Network and Security Challenges	10(1) pp. 82-92 ISSN: 2279–0543	International Journal of Scientific Research and Reviews, Jan-Mar 2021	UGC Approved
16		S.Ravikumar D.Kavitha	CNN-OHGS:CNN- Oppositional based Henry Gas Solubility Optimization Model for Autonomous Vehicle Control System	ISSN: 15564967	Journal of Field Robotics, May 2021	SCIE
17		Mr.K.Elaiyaraja Dr. M. Senthil Kumar	A Novel Variable Weight Grey Wolf Optimization Algorithm in Medical Image Fusion	ISSN: 21567018	Journal of Medical Imaging and Health Informatics, May 2021	SCIE
18		K.Elaiyaraja Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Evaluation of Deep Learning in Medical Image Processing – A Methodical Review	10(2) pp. 31-38 ISSN: 2279–0543	International Journal of Scientific Research and Reviews, Apr-June 2021	UGC Approved
19		S.Sandhya Dr.M.Senthil Kumar Dr.B.Chidhambararajan	Image Fusion Techniques for the Hybrid Multimodal Medical Images - A Literature Review	10(2) pp. 25-30 ISSN: 2279– 0543	International Journal of Scientific Research and Reviews, Apr-June 2021	UGC Approved
20.	2019-2020	Ms.R.Shanthi Dr.S. Prabakaran	Optic Disc and Cup Boundary Segmentation for Glaucoma Screening in Fundus Image	14(23) pp. 8804-8811 ISSN:1110-1903 E-SSN:25369512	Journal of Engineering and Applied Sciences, September 2019	Scopus

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
21	2018-2019	S.Sandeep C.Shandeeep Srinivas R.Meenakshi * V.Bharathwaj P.Prasath	Smart Firewall Using Machine Learning	10(2) pp. 1621 – 1624 ISSN: 2229-5518	International Journal Of Scientific & Engineering Research, Feb 2019	UGC Approved , Thomson Reuters
22		R.Meenakshi * P.Indumathi	Bit Error Rate Minimization Using Slm Technique In TftOfdm For Mobile Large-Scale Mimo Systems	27(1/2) pp. 50-59 ISSN(O): 1752-6426 ISSN(P): 1752-6418	International Journal Of Biomedical Engineering And Technology, 2018	Scopus
23		Vasanthi.P Revathi.A.R * Deepthi.P	A Survey On Image And Video Analytics	6(1) pp. 832-840 E-ISSN 23481269, P-ISSN 2349-5138	International Journal Of Research And Analytical Reviews, Feb 2019	UGC Approved
24		Preethi Sambandam Raju Murugan Mahalingam Revathi Arumugam Rajendran *	Design, Implementation And Power Analysis Of Pervasive Adaptive Resourceful Smart Lightning And Alerting Device In Developing Countries Supporting Incandescent And Led Light Bulbs	19(9) pp. 1-20 DOI: 10.3390/S19092032 ISSN (P): 1687725X ISSN (O): 1687-7268	Journal Of Sensors, Apr 2019	Scopus
25		Prithvi.P.S Narayanan.S * Rajeswari Devi.R Yogapriya.N	Iot Based Wearable Device Monitoring Driver's Stress, Fatigue And Drowsiness	10(2) pp. 1218 – 1224 ISSN: 2229-5518	International Journal Of Scientific & Engineering Research, Feb 2019	UGC Approved , Thomson Reuters

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
26		S.Jeyalakshmi* H.Vaitheeswaran S.Vashanth G.Vignesh Kumar S.Vijayan	Advanced Two Factor Authentication Using Image Processing	6(2) pp. 2206-2210 ISSN(e): 23950056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved
27		S.Aravindhan J.Deepak S.Ijaz Ahamed Khan S.Kamesh S.Jeyalakshmi *	Forum For Citizen Grievance	6(3) pp. 709-711 ISSN(e): 23950056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Mar 2019	UGC Approved
28		K.Pavithra L.Sharmila S.Sivapriya U.Swathi S.Sekar*	Future Of Smart Tourism	6(2) pp. 2183 – 2186 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved
29		S. Sekar * B. Latha	Lightweight Reliable And Secure Multicasting Routing Protocol Based On Cross-Layer For Manet	pp.1-12 DOI: 10.1002/CPE.5025 ISSN:15320634	Concurrency & Computation Practice And Experience, Dec 2018	SCIE, Scopus
30		K.Arvind S.Govarthan S.Kishore Kumar M.Naveenkumar R.Lakshmi *	Fake News Detection And Rumour Source Identification	6(3) pp. 2025 – 2028 ISSN(e): 2395-0056 ISSN(p): 2395-	International Research Journal Of Engineering And Technology Mar 2019	UGC Approved
31		S.Ravi Kumar S.Shenbagavadivu * M.Saravana Kumar J.Sudharshan	Emotion Recognition Based Smart Wheel Chair For Disabled Person	6(2) pp. 1488 - 1492 ISSN(e): 2395-0056	International Research Journal Of Engineering And Technology Feb 2019	UGC Approved

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
		Udhay Shankar.G		ISSN(p): 2395-0072		
32		K.Elaiyaraja* M. Senthil Kumar, B. Chidambararajan	Enhanced Total Variation Model Image Fusion Using Hybrid Filters And Adaptive Median Method	8(3S) pp. 611-616 ISSN: 22498958 (Online)	International Journal Of Engineering And Advanced Technology, Feb 2019	Scopus
33		K.Elaiyaraja M.Senthil Kumar	Fusion Imaging In Pixel Level Image Processing Technique – A Literature Review	7(12) pp. 175 -177 ISSN: 2227524X	International Journal Of Engineering & Technology, July 2018	Scopus
34		S.Praveen M.V.Prithivi Raj R.Poovarasan V.Thiruvenkadam M.Kavinkumar*	Discovery Of Recipes Based On Ingredients Using Machine Learning	VOL. 6, ISSUE -2, PG. NO. 155-158 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology, Feb 2019	UGC Approved
35		R.Shanthi* S. Prabakaran	Effective Utilization Of Artificial Intelligence For Predicting Glaucoma In Fundus Image	53(1) pp. 902-912 ISSN: 00086452	Caribbean Journal Of Science, Apr, 2019	SCIE
36		Balasubramanian.C.V Karnaprabu.B Naawiin.D Naveen Kumar.V R.Umanesan *	Detection And Localization Of Spoofing Attackers In Wireless Sensor Network Using Ids And Rerouting	6(2), pp. 835-838 ISSN(e): 2395-0056 ISSN(p): 2395-	International Research Journal Of Engineering And Technology, Mar 2019	UGC Approved
37		A.Santhosh K.Saravanakumar P.Saravana Kumar S.Vimalraj R.Saranya *	Detection Of Leaf Diseases And Classifying Them Using Multiclass Svm	6(2) pp.1-5 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology, Feb 2019	UGC Approved

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
38		H.Immanuel James J.James Anto Arnold J.Maria Masilla Ruban M.Tamilarasan R.Saranya *	Emotion Based Music Recommendation System	6(3), pp.2096 - 2101 ISSN(e): 2395-0056 ISSN(p): 2395-0072	International Research Journal Of Engineering And Technology, Mar 2019	UGC Approved
39		S. Sandhya* M. Senthil Kumar B. Chidambararajan	Integration Of Spatial And Transform Domain Technique For The Multimodal Medical Image Fusion	8(3S), pp. 642-646 ISSN: 22498958 (Online)	International Journal Of Engineering And Advanced Technology, Feb 2019	Scopus

FACULTY-JOURNAL PUBLICATIONS (Indexing – Others)

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
1.		D.Kavitha S.Ravikumar	Software Security Requirement Engineering for Risk and Compliance Management	ISSN:22783075	International Journal of Innovative Technology and Exploring Engineering (IJITEE), March 2021	Lattice Science, Index Copernicus International
2.	2020-2021	Ms.R.Shanthi Anbu Priyanka V Kanishka A Keerthana R	Portraying the Impact of dry Spell on Farmer Harvest Generation in India Utilizing Affiliation Standard Mining.	8(4) pp.667-672 ISSN(P): 2395-0072, ISSN(E):2395-0056	International Research Journal of Engineering and Technology(IRJET), April 2021	Index Copernicus International

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
3.	2019-2020	Ms.S. Shenbagavadivu Dr.M.Senthil Kumar Dr. B.Chidambara Rajan	Significance of Data Fusion Algorithms in IOT Environment-A Review	8(3):pp. 42 – 48 ISSN(p): 2349-7912	i-Manager's Journal on Pattern recognition, Aug 2019	ProQuest, EBSCO host
4.		Mr.K.Elaiyaraja Dr.M.Senthil Kumar Dr. B.Chidambara Rajan	Distorted Image Registration for Image fusion –A Literature Review	6(2):pp. 32 – 40 ISSN(p): 2349-7912	i-Manager's Journal on Pattern recognition, Aug 2019	ProQuest, EBSCO host
5.		Dr.A.R.Revathi R. Bhuvaneshwaran K. Mohamed Arshath U. Hari Prakash M. Loga Aravinth	Overview of Database Evolution and Elevation	6(2):pp.420-428 ISSN:23954396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
6.		Dr.A.R.Revathi S. Shunmuga Raman S. Vengadesh K. Vignesh G. Vignesh Kanna	A Survey on Sensor Classifications and their Applications	6(2):pp.467-474, ISSN:23954396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
7.		Arun Kumar S Dr.S.Narayanan Avinesh Kumar R V Balashanmugam U Chevuri Krishnakumar	Eyebot-A Smart Assistive System	9(2): pp.1377813785, e-ISSN:2319-8753, p- ISSN:23476710	International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET), Feb 2020	Index Copernicus International
8.		Bhavaniya HariPriya Karthika Dr.S.Jeyalakshmi	A Semi Automatic Data Scraping method for News Event Detection	6(2):pp.16,ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
9.		Dhananjayan D Abhilash L Ajay V Ms.R.Thenmozhi	Blockchain for Medical Data Access and Permission Management	7(3): pp.551-557, e-ISSN:23950056, p-ISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
10.		Rukmanthraj E Sri Gnanathesigan P Srinivasan K Venkatesh K Ms.R Thenmozhi	Farmer Surveillance System with Paddy Disease Detection	7(3):pp.347351, e-ISSN:23950056, p-ISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
11.		Dr.S.Sekar M.Nandha A.Naveen Kumar B.Prakash Raj P.Prasanna Ganapathy	IoT Based Air Quality Monitoring System	7(3):pp.39-42, e-ISSN:23950056, p-ISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
12.		Dr.S.Sekar C.Vigneshwar J.Thiyagarajan V.B.Soorya Narayanan M.Vijay	Decentralized e-Voting system using BlockChain	7(3):pp.321324, e-ISSN:23950056, p-ISSN:2396-0072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
13.		Aarathi K Bhavadharani T Deepika J Karthika R Lakshmi R	Unified Extensible Framework for sentiment analysis based on Opinion Disambiguation	6(2):pp.147-151, ISSN(O)2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020.	Indian Citation Index
14.		Sudha Shenbagavadivu S Sujitha M Gowsalya	IoT based E-Prognosis System	6(3):pp.564-566, e-ISSN:23950056, p-ISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
15.		Gopinath M.P Shenbagavadivu S Hemanth Raj N Karthick V.C Hari Prasad G	Cross Side Scripting on Banking Application and Mitigation Attack using Honey Encryption Standard	7(3):pp.985990, e-ISSN:23950056, p-ISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
16.		Hakas Raj C Harish Kumar R Karthikeyan S Ramkumar M Mohanambal K	Location Based Webservices	6(2):pp.852-855, ISSN(O)2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
17.		Deepika B Dorothy Shaji Sivapriya K Vendamani N Mohanambal K	Object Detection and Tracking using Deep Learning Algorithms	6(2):pp.495-498, ISSN(O)2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE) , 2020	Indian Citation Index
18.		Heera K Anusuya M Kaviyaa V Lavanya A K Shanthi R	Graphical Password Authentication for Banking System	7(3):pp.564-566,e-ISSN:2395-0056,pISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International
19.		Mr.R.Sankaranarayanan R Banuprakash S. Chandra Mohan	Nex-Gen Classroom	6(2):pp.529536,ISSN(O)-2395-4396	International Journal of Advance Research and Innovative Ideas in Education(IJARIIE), 2020	Indian Citation Index
20.		Mr.R.Sankaranarayanan Saravana Kumar M Nishanth M Saranraj K Sujay K	Automatic Black Box System for Vehicle Accident Analysis	7(3):pp.1263-1268,e-ISSN:2395-0056,pISSN:23960072	International Research Journal of Engineering and Technology(IRJET), March 2020	Index Copernicus International

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
21.		G.Hariharan D.Madhan Kumar Mr.R.Sankaranarayanan	Future Classroom	7(5):pp.622625 e-ISSN:23950056 p- ISSN:23950072	International Research Journal of Engineering and Technology(IRJET), May 2020	Index Copernicus International
22	2018-2019	Dr.S.Ravikumar * R.Aparna J.Jayalakshmi S.Madhubala I.Maimoon Farhana	VOTE FROM HOME: AN IMMUTABLE LEGITIMATE BLOCKCHAIN BASED E-VOTING SYSTEM	7(2) pp. 841 – 847 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
23		Rashmi Rajalakshmi.M Niveditha.G Shobia Inbathersini.I Thenmozhi.R *	WATER LEAKAGE DETECTION AND PRICING ANALYTICS USING IOT	7(2) pp. 679-683 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
24		R.Thenmozhi * P.Ananthi R.Divya C.Lavanya K.Livya	IDENTIFICATION OF ANONYMOUS IDENTICAL USERS IN MULTIPLE SOCIAL MEDIA NETWORKS	7(2) pp. 684-689 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
25		J.Kaviya M.Keerthika R.Kiruba Sri S.Nikitha S.Sekar *	SMART HIGHWAY SYSTEM FOR FUTURE CITIES BASED ON IOT	7(2) pp. 737-743 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
26		S.Shenbagavadivu * M.Divya V.Kalaitendral V.Kiruba R.Krithika	IOT BASED EFFECTIVE DATA COLLECTION AND COST ESTIMATION (IEDE) ON THE POLLUTANT PARTICLES IN THE AIR	7(2) pp. 585-591 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
27		Elaiyaraja.K * Aishwarya.K Akshaya.G Monicka.P Monikha.R	AJNA- A SMART ASSISTANCE FOR THE VISUALLY AND COGNITIVELY IMPAIRED	8(2) pp. 1601-1608 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International
28		K.Mohanambal * Y.Nirosha E.Oliviya Roshini S.Punitha M.Shamini	LUNG CANCER DETECTION USING MACHINE LEARNING TECHNIQUES	8(2) pp. 266 – 271 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International
29		R.Shanthi * M.Ahamed Fahim Hassan R.Manikantan M.Mansoor Nouman.M R.Sivaprasanna	ARRHYTHMIA RECOGNITION AND CLASSIFICATION USING ECG MORPHOLOGY AND SEGMENT FEATURE ANALYSIS USING SUPPORT VECTOR MACHINE	7(2) pp. 893-897 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
30		A.Akash R.Shanthi * R.Aravinth V.Kurunji Vendhan D.Veerapandi	STOCK MARKET TREND PREDICTION USING MACHINE LEARNING	7(2) pp. 1000-1006 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
31		B.Soundariya P.Sriranjani M. Vishali G.Vivisa R.Umanesan *	EVENT MANAGEMENT SYSTEM WITH ADVANCED FEATURE USING EAPPROVAL	7(2) pp. 722-730 ISSN(O):2320-9801 ISSN(p):2320-9798	International Journal Of Innovative Research In Computer And Communication Engineering (IJRCCE), FEB 2019	Index Copernicus International
32		R.Ramya Devi R.Rangeela S.Shalini R.Sankara Narayanan*	A PRIVACY PRESERVING MECHANISM FOR INTEGRITY AUDITIING AND DATA SHARING	8(3), pp.318 – 322 ISSN:23197064	International Journal Of Science And Research (IJSR), MAR 2019	CrossRef Index

S.No	Academic Year	Author	Title of the paper	Volume No. Page No.	Name of the Journal & Year of Publication	Indexing
33		G.Vivekanandan * A.Priyadharshini B.Ponsudhandra C.Ponnuthai	AUTOMATION AND DIGITALIZATION OF ROADWAY SYSTEM USING IOT	8(2), pp. 296-302 ISSN(O): 2278-8875 ISSN(P): 2320-3765	International Journal Of Advanced Research In Electrical, Electronics And Instrumentation Engineering (IJAREEIE), FEB 2019	Index Copernicus International

FACULTY-CSI ARTICLE PUBLICATIONS

S.No	Academic Year	Author	Title of the article	Volume & Issue No.	Month & Year
1.	2020-2021	Dr.A.R.Revathi	The Future of Universal: Industry 4.0	Volume 44, Issue 9	December 2020
2.			Deep Learning: A Neural Network of Human Being	Volume 44, Issue 8	November 2020
3.			A Complete Conspectus of Robotics and Automation	Volume 44, Issue 7	October 2020
4.			Hurried Look of Digital Twin	Volume 44, Issue 6	September 2020
5.			Open Source Software: Freedom to Use	Volume 44, Issue 5	August 2020
6.			Virtual reality in the World	Volume 44, Issue 4	July 2020
7.		Mr.K.Elaiyaraja	An Application of Deep Learning in Healthcare	Volume 44, Issue 8	November 2020
8.		Ms.S.Sandhya	An Application of Deep Learning in Healthcare	Volume 44, Issue 8	November 2020
9.	2019-2020	Dr.A.R.Revathi	Quantum Computing: The Universal Computer	Volume 44, Issue 3	June 2020
10.			Big Data: A technical Approach	Volume 43, Issue 12	March 2020

S.No	Academic Year	Author	Title of the article	Volume & Issue No.	Month & Year
11.			Computer Assisted Education	Volume 43, Issue 10	January 2020
12.			Bioinformatics	Volume 43, Issue 9	December 2019
13.			Cyber Security: A Complete View	Volume 43, Issue 8	November 2019
14.			Cloud Computing	Volume 43, Issue 6	September 2019
15.			Block Chain-Overview	Volume 43, Issue 5	August 2019
16.			Digital Learning	Volume 43, Issue 4	July 2019
17.	2018-2019	Dr.A.R.Revathi	Emotional Intelligence	Volume 43, Issue 3	June 2019
18			Digital Revolution in Speech and Language Processing for Efficient Communication and Sustaining Knowledge Diversity	Volume 42, Issue 5&6	August-September 2018
19		Ms.S.Shenbagavadivu	Evolution of Data Analytics in the IOT Era	Volume 43, Issue 2	May 2019
20		Mr.K.Elaiyaraja	Revolution of Natural Language Processing in India	Volume 42, Issue 12	March 2019
21		Ms.S.Sandhya	Applications of Language and Speech Processing in Effective Communication and Knowledge Sharing in the Digital Market	Volume 42, Issue 10	January 2019
22.	2017-2018	Dr.A.R.Revathi	Sensors for Internet of Everything	Volume 42, Issue 1	April 2018
23.		Ms.S.Shenbagavadivu	Green India-Air Pollution Monitoring Control using IOE	Volume 42, Issue 1	July 2017

FACULTY PAPER PRESENTATION IN CONFERENCE

S.No	Academic Year	Date	Faculty Name	Conference Name	National /International	Paper Title	Organizer
1.	2021-2022	20.8.2021 & 21.8.2021	Ms.S.Sandhya	International Conference on Big Data and Cloud Computing 2021	International	Ensemble DNN for the Brain Tumor Segmentation - A Hybrid Framework centric on Layer Level and Decision Level Fusion of Multimodal Medical Images	Karunya Institute of Technology & Sciences, Coimbatore
2.			Mr.K.Elaiyaraja			Implementation of Analysis and Visualization on Deep Learning Based Big Data Medical Service Framework Resource Sharing	
3.		10.12.2021 & 11.12.2021	Ms.S.Sandhya	Virtual International Conference on Futuristic Communication and Network Technologies (VICFCNT 2021)	International	A Hybrid Guided Filtering and Transform Based Sparse Representation Framework for Fusion of Multimodal Medical Images	VIT Chennai
4.	2020-2021	29.05.2020 & 30.05.2020	Mr.K.Elaiyaraja	International Conference on Computer Communication and Power Systems (ICCCPS-2020)	International	Multimodal medical Image Fusion using Structure based Adaptive Decomposition with Enhanced Variation Model	Sri Venkateswara College of Technology, Sriperumbudur

S.No	Academic Year	Date	Faculty Name	Conference Name	National /International	Paper Title	Organizer
5.			Ms.S.Sandhya			An Integrated Framework for the Fusion of multimodal Medical Images using SR and MSD Techniques	
6		13.08.2020 & 14.08.2020	Ms.R.Shanthi	Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2020)	International	A Smart Alternative Tool to Measure Intraocular Pressure during Coronavirus Pandemic	St.Martin's Engineering College, Dhulapally, Secunderabad,T.S, India
7			Mr.K.Elaiyaraja			“Intelligent Big Data Domain for R-fmri Big Data Preprocessing – An Optimized Approach”	Karunya Institute of Technology & Sciences, Coimbatore
8		06.12.2019 & 07.12.2019	Ms.S.Sandhya	International Conference on Big data and Cloud Computing	International	“FCM Based Segmentation and Nural Network Classification of Tumor in Brain MRI Images”	
9	2019-2020		Ms.S.Shenbagavadivu			“Significance of Data Fusion Algorithms in IoT Environment - A Review”	
10		06.09.2019	Mr.K.Elaiyaraja	Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2K19)	International	“Distorted Image Registration for Image Fusion – A Literature Review”	SRM Valliammai Engineering College
11			Ms.S.Sandhya			“Image Fusion Techniques for the hybrid Multimodal Medical Images – A Literature Review”	

S.No	Academic Year	Date	Faculty Name	Conference Name	National /International	Paper Title	Organizer
12	2018-2019	27.7.2018 & 28.7.2018	Mr.K.Elaiyaraja	International Conference on Clinical and Medical Image Analysis	International	An Amplifying Image Approach :Non-Iterative Multi Coverage Image Fusion	Karunya Institute of Technology & Sciences, Coimbatore
13			Ms.S.Sandhya			A Hybrid Fusion of Multimodal Medical Images for the Enhancement of Visual Quality in Medical Diagnosis	

RESOURCE PERSON-EXTERNAL

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
1	2020-2021	Dr.A.R.Revathi, i, Asso.Prof	14 th September 2020	Online Short term Training Programme	Image Denoising	Dept.of Electronics and Communication Engineering, V.S.B. Engineering College, Karur.
2			5 th October 2020	Online Short term Training Programme	STTP title: Medical Image Analysis Session Topic: Image Denoising	Dept.of Electronics and Communication Engineering, V.S.B. Engineering College, Karur.(AICTE Sponsored)
3			2 nd November 2020	Online STTP	STTP title: Medical Image Analysis Session Topic: Image Denoising	Dept.of Electronics and Communication Engineering, V.S.B. Engineering College, Karur.(AICTE Sponsored)
4			7 th June 2021 and 11 th June 2021	FDTP	Topic 1:Decision Tree Learning Topic 2:Learning Set of Rules –Sequential Covering Algorithm Topic 3:Learning Rule Set –First Order Rules –Sets of First Order Rules	6 day FDTP on Machine Learning Techniques[CS8082] Sri Sai Ram Engineering College
5		Ms.S.Shenbaga vadivu, A.P	27 th March 2021	Workshop	Internet of Things	St.Joseph’s Institute of Technology, In association with CSI
6	2019-2020	Mr.R.Sankara Narayanan, A.P	JAN 2020	Guest Lecture	“Sonar and Radar” in CATC19, RDC, Marina Training Camp	SRR Jeppiar Engineering College.

RESOURCE PERSON-INTERNAL

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
1.	2020-2021	Dr.A.R.Revathi, Asso.Prof	26 th May 2021	Online FDP	Overview of Data Analysis	SRM Valliammai Engineering College

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
2.			22 nd December 2020	FDP	Machine Learning in theFDP titled“Compiler optimization with computational intelligence & cyber security”	SRM Valliammai Engineering College
3.			19.11.2020	Online STTP	Research focus on IoT	Dept. of IT ,SRM Valliammai Engineering College.(AICTE Sponsored)
4.			25.11.2020	Online STTP	IoT Insights	Dept. of IT ,SRM Valliammai Engineering College.(AICTE Sponsored)
5.			31.10.2020	Online Short term Training Programme	STTP title : Internet of Things and Its Applications Session Topic: Research Focus on IoT	Dept of Information Technology,SRM Valliammai Engineering College, Kattankulathur(AICTE Sponsored)
6.			28 th May 2021& 29 th May 2021	Online FDP	Cloud Architecture, Services and Storage & Cloud Technologies and Advancement.	SRM Valliammai Engineering College
7.		Dr.S.Ravikumar ,A.P	21 st December 2020	FDP	Introduction to Compilers in theFDP titled “compiler optimization with computational intelligence & cyber security”	SRM Valliammai Engineering College
8.			21.11.2020	Online STTP	IoT and its uses in different industry	Dept. of IT ,SRM Valliammai Engineering College.(AICTE Sponsored)
9.		Dr.S.Narayanan ,A.P	27 th May 2021& 28 th May 2021	Online FDP	Cloud Enabling Technologies & Resource management	SRM Valliammai Engineering College
10.			29 th December 2020	FDP	Introduction to Computer Forensics in theFDP titled“Compiler optimization with computational intelligence & cyber security”	SRM Valliammai Engineering College

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
11.			25.11.2020	Online STTP	IoT and Edge Computing	Dept. of IT ,SRM Valliammai Engineering College.(AICTE Sponsored)
12.		Dr.S.Jeyalakshmi, A.P	24 th May 2021& 25 th May 2021	Online FDP	Linear Data Structures & Searching ,Sorting and Hashing Techniques	SRM Valliammai Engineering College
13.			23 rd December 2020	FDP	Parsers: Overview in theFDP titled“Compiler optimization with computational intelligence & cyber security”	SRM Valliammai Engineering College
14.		Mr.K.Elaiyaraja , A.P	24 th May 2021	Online FDP	Non-Linear Data Structures	SRM Valliammai Engineering College
15.			14 th December 2020	SDP	Video Editing in the SDP Titled “Hands on Training-Photoshop”	SRM Valliammai Engineering College.
16.		Ms.S.Shenbaga vadivu A.P	26 th May 2021& 27 th May 2021	Online FDP	Data Mining ,Association Rule Mining and Classification & Apriori algorithm-Hands On-Google Colab	SRM Valliammai Engineering College
17.			30.10.2020	Online Short term Training Programme	STTP title : Internet of Things and Its Applications Session Topic: Hands on Training Data analytic on Sensor	Dept of Information Technology,SRM Valliammai Engineering College, Kattankulathur(AICTE Sponsored)
18.		Mr.R.Sankararayanan, A.P	25 th May 2021	Online FDP	Implementation of Data Structures using Python	SRM Valliammai Engineering College
19.			14 th December 2020	SDP	Poster Design using Photoshop in the SDP “Titled Hands on Training-Photoshop”	SRM Valliammai Engineering College.

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
20.		Mr.G.Vivekandanhan, A.P	8 th August 2020	Webinar	Hacking and its Preventive Techniques (Hands on Session)	SRM VEC CSI STUDENT BRANCH
21.			21 st May 2021	SDP	System maintenance using Machine Learning Technique	SRM Valliammai Engineering College
22.			29 th December 2020	FDP	<i>Cyber Forensics and its Techniques in the FDP titled“Compiler optimization with computational intelligence & cyber security”</i>	SRM Valliammai Engineering College.
23.			8 th August 2020	Webinar	Hacking and its Preventive Techniques (Hands on Session)	SRM VEC CSI STUDENT BRANCH
24.	2019-2020	Dr.A.R.Revathi	02.11.19 to 08.11.19	FDP	Database to Forensic (D2F)	Dept. of IT SRM VEC
25.		Dr.S.Narayanan	02.11.19 to 08.11.19	FDP	Database to Forensic (D2F)	Dept. of IT SRM VEC
26.		Dr.S.Jeyalakshmi	02.11.19 to 08.11.19	FDP	Database to Forensic (D2F)	Dept. of IT SRM VEC
27.		Ms.R.Thenmozhi	02.11.19 to 08.11.19	FDP	Database to Forensic (D2F)	Dept. of IT SRM VEC
28.		Ms.S.Shenbagavadivu	02.11.19 to 08.11.19	FDP	Database to Forensic (D2F)	Dept. of IT SRM VEC

S. No.	ACY	Faculty Name	Date	Category	Topic	Organizer
29.		Ms.R.Saranya	02.11.19 to 08.11.19	FDP	(D2F) Database to Forensic	Dept. of IT SRM VEC
30.		Mr.R.Sankara Narayanan	02.11.19 to 08.11.19	FDP	(D2F) Database to Forensic	Dept. of IT SRM VEC

RECOGNITIONS

S. No.	ACY	Faculty Name	Name of the Committee
1	2021-2022	Dr.A.R.Revathi,Asso.Prof	Elsevier reviewer since July 2021
2		Dr.S.Ravikumar,A.P	Recognized as Supervisor (Ref.No.: 3840022) for guiding Ph.D. scholars of Anna University under the faculty of Information and Communication Engineering order dated 29.10.2021
3		Ms.S.Shenbagavadivu A.P	Computational Thinking(Translating in Tamil Language)-NPTEL
4		Mr.R.Sankaranarayanan, A.P	Achieved Certificate of Excellence Rank S/Lt, Unit 4 (TN) Naval Tech dated 03.12.2021 awarded by Group Commander, NCC Group HQs, Madras 'B'.
5		Ms.S.Sandhya,A.P	Achieved Best Paper Award for the paper presented titled "A Hybrid Guided Filtering and Transform Based Sparse Representation Framework for Fusion of Multimodal Medical Images" in the Virtual International Conference on Futuristic Communication and Network Technologies (VICFCNT 2021),School of Electronics Engineering, Vellore Institute of Technology, Chennai on December 10-11, 2021.
6	2020-2021	Dr. A. R. Revathi Associate Professor	Editorial Board member, Journal of Advanced Engineering Research (JAER) Online from 2018.
			Organizing Committee, Institute For Engineering Research and Publication(IFERP) from 2016.
			Reviewer member for " IGI Global Journal " from November 2019.
7		Dr. S. Ravikumar,AP	Nomination Committee Chairman of CSI Kancheepuram chapter from 2020.

S. No.	ACY	Faculty Name	Name of the Committee
			Reviewer Member in International Journal of Ambient Intelligence and Humanized Computing (Anna University Referred Journal), 2020
8		Mr. K. Elaiyaraja, AP	Managing Committee Member of CSI Kancheepuram Chapter from 2020.
9		Mrs. S. Sandhya, AP	Managing Committee Member of CSI Kancheepuram Chapter from 2020.
10		Mrs.S.Shenbhagavadivu, AP	Nominated as Tamil Translator in NPTEL and received certificate for translating the course "COMPUTER VISION" in Tamil Language -May 2021.
11	2017-2018	Dr.A.R.Revathi,Asso.Prof	Organizing committee member of IFERP in National Level

FUNDED PROJECT PROPOSALS

Sl.no	Academic Year	Name of the Scheme	Title	Name of the PI	Co - PI/ Students Members	Cost in Rs	Date of submission	Status
1	2021-22	WTI Call 2021 on Desalination Technologies - Technology Missions	An Intelligent smart Desalination system for dual applications near coastal areas	Dr.A.R.Revathi, Asso.Prof.	Dr. B.Chidhambara Rajan Ms. K. Arthi, AP	64,46,348	11/9/2021	Submitted
2	2020-21	SERB-EMEQ	Deep Climate Change Projection(DCCP): A Deep Learning Based Spatial Analysis Model to Forecast regional Climatic	Dr. S. Narayanan, AP(Sel.G)	-	15,00,000	22/06/2021	Submitted
3		Cognitive Science Research Initiative- IRPS	Derma Scan: An Early Diagnosis of Malignant Skin Tumor using Deep Learning Techniques	Dr. S. Ravikumar, AP(Sel.G)	Dr. S. Jeyalakshmi, AP(Sel.G)	2,000,000	12/3/2021	Submitted

4		AICTE-ATAL-Online FDP	Image Processing and Video Analytics	Dr.A.R.Revathi, Asso.Prof.	Dr. S. Sekar, AP(Sel.G) Dr. S. Jeyalakshmi, AP(Sel.G)	197,000	5/3/2021	Submitted
5		AICTE-ATAL-Online FDP	Hands on Approach on Data Science and Analytics	Dr. B.Chidhambara Rajan	Dr.A.R.Revathi, Asso.Prof.	93,000	4/3/2021	Submitted
6		MODROB	Modernization of Collaborative AI Technology towards Cloud and Data Science in IoT Laboratory	Dr.A.R.Revathi, Asso.Prof.	Dr. S. Ravikumar, A.P(Sel.G)	1,908,567	18/01/21	Submitted
7		AICTE-ISTE-AQIS-Refresher Programme	Collaborative Edge and Cloud in IoT	Dr.A. R. Revathi, Asso. Prof.	-	-	8/12/2020	Submitted
8	2019-20	TNSCSST-Research Proposal	CNN Based Low Power Consumption Surveillance in Smart Home	Dr..R.Revathi	Dr.M.Murugan Ms.S.R.Preethi	486000	18.03.2020	Submitted
9		TNSCSST-Research Proposal	Enabling Intelligence in Wearable Sensing System for Social Wellbeing Monitoring	Dr.A.R.Revathi	Dr.B.Chidhambararajan Ms.K.Arthi	490,000	18.03.2020	Submitted
10	2018-19	AICTE- ISTE-STTP	Machine Learning for sensor network and IoT	Dr. B.Chidhambara Rajan	Dr.A.R.Revathi, Ms.K.Arthi	4.8 Lakhs	13/11/18	Submitted
11		AICTE- ISTE-RPS	Energy Conserving Video Surveillance Over IoT network	Dr.M.Murugan	Dr.A.R.Revathi, Ms.S.R.Preethi	10.91 Lakhs	13/11/18	Submitted
12		AICTE-ISTE-Refresher Programme	An Intelligent Based Internet of Things	Dr.A.R.Revathi, Asso.Prof.	-	-	30/11/18	Submitted

13		TNSCST-S & T	IoT Based Intelligent Water Level Management and Information System	Dr.S.Narayanan, A.P(Sel.G)	Dr.R.Meenakshi	4,34,000	14/2/19	Submitted
14		TNSCST-S & T	CNN Based Low Power Consumption Surveillance in Smart Home	Dr.A.R.Revathi	Dr.M.Murugan Ms.S.K.Preethi	4,66,000	13/2/19	Submitted
15		TNSCST-S & T	Enabling Artificial Intelligence in Energy Efficient Multi sensor Wearable System for Caretakers	Dr.B.Chidhambararajan	Dr.A.R.Revathi Ms.K.Arthi	4,90,000	15/2/19	Submitted
16		SERB - CRG	An Intellectual Enhanced Single Tier Surveillance for Static Environment	Dr. A. R. Revathi	Dr. M. Murugan Ms. S. R. Preethi	12.35 Lakhs	30/06/2018	Submitted
17		SERB - CRG	Smart Eco-Friendly Monitoring System for the Detection of Vehicle Emission	Dr. M. Senthil Kumar	Mr. K. Elaiyaraja Ms. S. Sandhya	25.24 Lakhs	29/06/2018	Submitted
18		DST - YST	An Intellectual Monitor, Locator & Tracker of Human and Valuable Objects using IoT	Dr. A. R. Revathi	Ms. S. R. Preethi	37.75 Lakhs	15/03/2018	Submitted
19		DDP - TDP - DST	Internet of Things (IoT) based Human Safeguard System for Industries in a Hazardous Environment	Dr. A. R. Revathi	Dr. M. Murugan Ms. S. R. Preethi	39.58 Lakhs	14/02/2018	Submitted
20		SERB	IoT Based Effective Video Surveillance for Protect Environment	Dr. M. Murugan	Dr. A. R. Revathi	49.62 Lakhs	31/07/2017	Submitted

CERTIFICATION-ATAL/ NITTTR/NPTEL/OTHERS

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
1	2021-2022	Dr.A.R.Revathi, <i>Asso.Prof</i>	26 th July 2021 & 30 th July 2021	ATAL-FDP	Application of Artificial Intelligence on Geo Spatial Data	Maulana Abul Kalam Azad University Of Technology, West Bengal
2			25 th Sep 2021-29 th Sep 2021	ATAL FDP	Fog and Edge Computing Challenges and Research Directions	National Institute of Technology
3			28 th Feb 2022-4 th March 2022	Online FDP	Inculcating universal Human Values in Technical Education	All India Council for Technical Education(AICTE)
4		Dr.D.Sridevi,A.P	26 th July 2021 & 30 th July 2021	ATAL-FDP	Application of Artificial Intelligence on Geo Spatial Data	Maulana Abul Kalam Azad University Of Technology, West Bengal
5			25 th Sep 2021-29 th Sep 2021	ATAL FDP	Fog and Edge Computing Challenges and Research Directions	National Institute of Technology
6		Ms.S.Sandhya, <i>AP</i>	7 th Feb 2022-11 th Feb 2022	Online FDP	UHV Refresher1	AICTE
7		Mr.R. Sankara Narayanan, A.P	5 th July 2021 & 9 th July 2021	Training And Learning (ATAL) Academy-FDP	Application of Robotics in Enhancing Learning Contents	National Institute of Technology Agartala

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
8			12 th July 2021 & 16 th July 2021	ATAL FDP	3D Printing Technology	Govt. Engineering College Jhalawar
9	2020-2021	Dr.A.R.Revathi, <i>Asso.Prof</i>	19 th October 2020 to 23 rd October 2020	Online FDP ATAL	Internet of Things(IoT)	Thiyagarajar College of Engineering ,Madurai
10			1 st February 2021 to 5 th February 2021	Online FDP ATAL	Data Sciences	Dr.Ambedkar Institute of Technology
11			21 st June 2021 to 25 th June 2021	Online FDP ATAL	Data Science for Healthcare	Vivekanandha College of Engineering for Women
12			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
13			19 th Oct 2020 to 23 rd October 2020	Online FDP ATAL	Computer Science & Biology	SRM Institute of Science and Technology
14		March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects Module 2: Professional Ethics and Sustainability	NITTTR	
			Dr.S.Ravikumar, <i>A.P</i>			

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
15		Dr.S.Narayanan, A.P	March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects Module 2: Professional Ethics and Sustainability	NITTTR
16			Jan –Apr 2020 (12 Weeks Duration)	Online Certification	Computer Networks and Internet Protocol	NPTEL
17		Ms.R.Thenmozhi, A.P	March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
18		Dr.S.Sekar A.P	21 st June 2021 to 25 th June 2021	Online FDP ATAL	Quantum Computing	AICTE Training and Learning(ATAL)Academy, Government College of Engineering
19			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
20		Ms.R.Lakshmi, A.P	21 st June 2021 to 25 th June 2021	Online FDP ATAL	Quantum Computing	AICTE Training and Learning(ATAL)Academy, Government College of Engineering
21			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
22		Mr.K.Elaiyaraja, A.P	21 st June 2021 to 25 th June 2021	Online FDP ATAL	Quantum Computing	AICTE Training and Learning(ATAL)Academy, Government College of Engineering

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
23			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
24		Ms.S.Shenbagav adivu A.P	June 1 st 2021 to 5 th June 2021	Online FDP ATAL	Internet of Things	National Institute of Technology Hamirpur Himachal Pradesh,
			7 th June 2021 to 11 th June 2021	Online FDP ATAL	Combating Cancer: Role of ML techniques in prevention and treatments"	Kalaignarkarunanidhi Institute of Technology,Coimbatore
25			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
26			21 st June 2021 to 25 th June 2021	Online FDP ATAL	System Engineering	Maulana Azad National Institute of Technology Bhopal
27			Jan –Apr 2020 (12 Weeks Duration)	Online Certification	Compiler Design	NPTEL
28			Jan –Apr 2020 (12 Weeks Duration)	Online Certification	Cryptography and Network Security	NPTEL
29			Jan –Feb 2020 (4 Weeks Duration)	Online Certification	Introduction to Probability and Statistics	NPTEL

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
30		Ms.R.Shanthi, A.P	7 th June 2021 to 11 th June 2021	Online FDP ATAL	Combating Cancer: Role of ML techniques in prevention and treatments"	Kalaignarkarunanidhi Institute of Technology,Coimbatore
31			15 th June 2021 to 19 th June 2021	Online FDP ATAL	Innovation in Telemedicine in Rural India enabled by advancements in Artificial Intelligence, Medical Devices and Internet of Things.	R.M.K engineering College
32			21 st June 2021 to 25 th June 2021	Online FDP ATAL	Ability and Inability of AI	Gandhi Institute for Technology(GIFT)
33			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
34			Feb –Apr 2020 (8 Weeks Duration)	Online Certification	Data Mining	NPTEL
35		Ms.R.Saranya,A.P	March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
36		Ms.S.Sandhya, AP	21 st June 2021 to 25 th June 2021	Online FDP ATAL	System Engineering	Maulana Azad National Institute of Technology Bhopal
37			22 march21-26 March 21	Online FDP	Inculcating universalHuman Values in Technical Education	All India Council for Technical Education(AICTE)

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
38		Mr.R. Sankaranarayana n,A.P	March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
39		Mr.G.Vivekanandhan, A.P	7 th June 2021 to 11 th June 2021	Online FDP ATAL	Cyber Security for Internet of Things Cyber Security Thrust Areas	Indian Institute of Information Technology, Design and Manufacturing, Jabalpur
			21 st June 2021 to 25 th June 2021	Online FDP ATAL	Augmented Reality and Virtual Reality Augmented Reality (AR)/ Virtual Reality (VR) Thrust Areas	Gnanamani College of Technology
40			March 2021	Online Certification	Module 1: Orientation Towards Technical Education and Curriculum Aspects	NITTTR
41	2018-2019	Ms. R. Meenakshi	November 2018	Online Certification	Educational Leadership	NPTEL
42		Ms. R. Meenakshi	November 2018	Online Certification	Stress Management	NPTEL
43		Mr. S. Ravikumar	November 2018	Online Certification	Stress Management	NPTEL
44		Ms. S. Jeyalakshmi	November 2018	Online Certification	Introduction to Programming in C (Topper)	NPTEL
45		Mr. S. Sekar	November 2018	Online Certification	Introduction to Programming in C	NPTEL
46		Ms. R. Lakshmi	November 2018	Online Certification	Introduction to Programming in C	NPTEL

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
47		Ms.S.Shenbagavadi vu	November 2018	Online Certification	Programming, Data Structures and Algorithms Using Python	NPTEL
48		Mr. K. Elaiyaraja	November 2018	Online Certification	Introduction to Internet of Things	NPTEL
49		Ms. K. Mohanambal	November 2018	Online Certification	Introduction to Programming in C	NPTEL
50		Mr. M. Kavinkumar	November 2018	Online Certification	Introduction to Programming in C	NPTEL
51		Ms.R.Shanthi	Jan 29 th 2019	Online Certification	SCILAB	Spoken Tutorial Project ,IIT Bombay
52		Ms. S. SANDHYA	November 2018	Online Certification	Introduction to Internet of Things	NPTEL
53		Ms.R.Saranya	April 2018	Online Certification	Teaching and Learning in Engineering (TALE) (Topper)	NPTEL
54		Ms.R.Thenmozhi	April 2018	Online Certification	Teaching and Learning in Engineering (TALE)	NPTEL
55		Ms.R.Shanthi	April 2018	Online Certification	Teaching and Learning in Engineering (TALE)	NPTEL
56		2017-2018	Ms.R.Meenakshi	Feb-March 2018	Online Certification	Effective Engineering Teaching in Practice
57	Feb-March 2018			Online Certification	Patent drafting for Beginners.	NPTEL

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
58			24 th -25 th Feb	Online Certification	Certified Cyber security Professional (CCSP)-Level 1	National Cyber Safety and Security Standards
59			23 rd – 24 th June	Online Certification	Certified Cyber security Professional (Bangalore edition)	National Cyber Safety and Security Standards
60		Mr. S. Ravikumar	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL
61			Jul-Oct 2017	Online Certification	Introduction to Internet of Things	NPTEL
62		Ms. S. Jeyalakshmi	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL
63		Mr. S. Sekar	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL
64		Ms. R. Lakshmi	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL
65		Ms.S.Shenbagav adivu	Jul-Oct 2017	Online Certification	Fundamentals of Database Systems	NPTEL
66		Mr. E. Prabhakarraj	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL
67		Ms. K. Mohanambal	Aug-Oct 2017	Online Certification	Cloud Computing (Topper)	NPTEL
68		Mr. M. Kavinkumar	Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL

S. No .	ACY	Faculty Name	Date	Name of the event	Topic	Organizer
69		Ms.R.Shanthi	Jul-Oct 2017	Online Certification	Introduction to Internet of Things	NPTEL
70			Aug-Oct 2017	Online Certification	Cloud Computing	NPTEL