

Dr. P. Kumar, M.Sc., M.Tech., Ph.D., M.B.A.

Associate Professor

Department of Information Technology and Engineering

(School of Computer Science and Engineering)

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1. Academic Identity:

MSU Employee ID:50512: https://msuniv.ac.in/departments_view.php?id=43&submenu=faculty

ORCID ID : <https://orcid.org/0000-0003-1477-4173>

Web of Science ID : <https://www.webofscience.com/wos/author/record/CAF-0702-2022>

Scopus ID : <https://www.scopus.com/authid/detail.uri?authorId=57714836900>

Vidwan-ID: 174272 : <https://vidwan.inflibnet.ac.in/profile/174272>

Google Scholar ID : <https://scholar.google.com/citations?hl=en&user=IOPWtdsAAAAJ>

Description	i10-index	h-index	Citation
Web of Science	-	04	93
Scopus	-	09	247
Google Scholar	22	16	874

2. Area of Research:

Digital/Signal Image Processing, Communication Networks, Cyber Security, Pattern Recognition, Machine Learning, Deep Learning, Artificial Intelligence, Big Data Analytics, Data Science and Data Visualization.

3. Academic Qualifications

Qualification	Subject	University	Year	Class
M.Sc. (Faculty of Science)	Information Technology	Alagappa University, Karaikudi	2006	First Class
M.Tech. (Faculty of Engineering)	Computer and Information Technology	Manonmaniam Sundaranar University, Tirunelveli	2008	First Class with Distinction
Ph.D., (Faculty of Engineering)	Information Technology - Computer Science and Engineering	Manonmaniam Sundaranar University, Tirunelveli	2012	Highly Commended
M.B.A., (Faculty of Management)	System Management	Alagappa University, Karaikudi	2017	First Class

4. Academic Carrier Details

Sl. No.	Designation	Organization	Pay Scale	Period	
				From	To
1.	Associate Professor (Stage - 4)	Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli	UGC Pay Scale	20.12.2021	Till date
2.	Assistant Professor (Stage - 3)		UGC Pay Scale	20.12.2018	19.12.2021
3.	Assistant Professor (Stage - 2)		UGC Pay Scale	20.12.2013	19.12.2018
4.	Assistant Professor (Stage - 1)		UGC Pay Scale	19.12.2009	19.12.2013

5. Administrative Experience

SINo	Designation	From	To
1.	Director, Online Courses (MOOCs)	2022	Till Date
2.	Deputy Director, Centre for Research	2019	2022
3.	Deputy Warden (Men's Hostel)	2022	2022
4.	Chief Information Cyber Security Officer (CISO)	2021	2024
5.	NAAC Criterion committee member (Criterion-III: Research, Innovations and Extension)	2018	Till date
6.	Nodal Officer (Aarogya Setu App and IVRS COVID-19 Management)	2019	2020
7.	Coordinator (M.Phil & Ph.D., qualifying entrance examination for the following sessions July 2017, January 2018, July 2018, January 2019, July 2019, January 2020, July 2020, January 2022 and July 2022 Sessions)	2017	2022
8.	Member - NIRF	2021	Till Date

6. Academic Awards / Appreciation

SINo	Name of the activity	Name of the Award/ recognition	Name of the Awarding bodies	Year of award
1.	Active Single Point of Contact (SPOC) based on Performance & Participation of Candidates for the JAN-APR 2024 Semester	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2024
2.	Role as mentor for the NPTEL online certification course for the subject "Introduction to Industry 4.0 an Industrial Internet of Things" JAN- APRIL 2024	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2024

3.	Active Single Point of Contact (SPOC) based on Performance & Participation of Candidates for the JUL-DEC 2023 Semester	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2023
4.	Role as mentor for the NPTEL online certification course for the subject "Computer Networks and Internet Protocol" JAN - APR 2023	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2023
5.	Role as mentor for the NPTEL online certification course for the subject "Privacy and Security in Online Social Media" JULY-DEC 2023	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2023
6.	Active Single Point of Contact (SPOC) based on Performance & Participation of Candidates for the JAN-APR 2022 Semester	Certificate of Appreciation is awarded from NPTEL	SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) - NPTEL, IIT, Madras, Ministry of Human Resource Development (MHRD), Government of India	2022
7.	Towards preparing the IQA, submitting the SSR and making all necessary arrangements for the NAAC accreditation during 19th - 21st July 2018 which enabled the University to secure 'A' Grade (CGPA 3.13 out of 4.0) in the 3rd Cycle.	Certificate of Appreciation	Manonmaniam Sundaranar University	2018

7. Research Dissertation:

Title of the Thesis	Register No	Date of Registration	Date of Awarded
A System for Indian License Plate Recognition	3402	10.12.2008	19.07.2012

8. Academic Activities

SINo.	Nature of Duties	Year
1.	Question paper setting, Invigilation duty, evaluation /assessment of answer scripts (as per allotment) - Centre for Information Technology and Engineering - From December 2009 to till date.	2024
2.	Appointed as the Chairman of Question Papers Setting Board in M.Sc Cyber Forensics, Alagappa University, Karaikudi, Tamilandu, India, Ir.dt. 22-07-2024.	2024

3.	Appointed as the Chairman of Question Papers Setting Board in M.Sc. Computer Science, Alagappa University, Karaikudi, Tamilandu, India, Ir.dt. 18-06-2024.	2024
4.	Member - Oral Examination - conduct of viva-voce exam - D.A.Janeera (RegNo.:18244697140), Anna University (Research Centre: Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore, Ir.dt.01.06.2024).	2024
5.	Member - Oral Examination - conduct of viva-voce exam - S. Shargunam (RegNo.:21144891188), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli, Ir.dt. 18.04.2024).	2024
6.	Question Paper setter - M.Sc. Computer Science - E-Commerce - Anna University, Chennai, Ir.dt. 19.06.2024.	2024
7.	Question Paper setter - M.Sc. Computer Science - Computer Networks - Anna University, Chennai, Ir.dt. 19.06.2024.	2024
8.	Question Paper setter - M.Sc. Computer Science - Software Project Management - Anna University, Chennai, Ir.dt. 19.06.2024.	2024
9.	Question Paper setter - M.Sc. Computer Science - Computer Graphics and Multimedia System - Anna University, Chennai, Ir.dt. 26.02.2024.	2024
10.	Question Paper setter - M.Sc. Computer Science - Ethical Hacking and Cyber Forensics - Anna University, Chennai, Ir.dt. 26.02.2024.	2024
11.	Question Paper setter - M.Sc. Computer Science - Computer Networks - Anna University, Chennai, Ir.dt. 26.02.2024.	2024
12.	Member / Subject Expert - Inspection Commission - Christopher Arts and Science College (Women), Surankudi, Ir.dt. 24.04.2024.	2024
13.	Member / Subject Expert - Inspection Commission - Sri Ramulu VSD Centre, Dindigul, Ir.dt. 13.06.2024.	2024
14.	Member / Subject Expert - Inspection Commission - Arulmigu Pannirupidi Ayyan College of Arts and Science, Vagaikulam, Ir.dt. 24.04.2024.	2024
15.	Examiner - to set question bank - TNPSC, Chennai, Ir.dt. 17.04.2024.	2024
16.	Annual Committee Member - 30 th Annual Convocation 2024, Manonmaniam Sundaranar University (Sl.10. Transportation, Parking, Vehicle Pass and Duty Pass, Sl.No: 12.Invitation and Sl.No.20. Decoration Committee	2024
17.	Member - Walk in Interview - Temporary Assistant Professor - Nominated as Selection Committee Member, CITE, MSU, Ir.dt. 31.07.2024.	2024
18.	Subject Expert Nominee - Appointment of Assistant Professor - Interview, Sri Saradha College for Women (An Autonomous Institution), Tirunelveli, Ir.dt. 27.07.2024.	2024
19.	Appointed as the Chairman of Question Papers Setting Board in M.Sc. Computer Science, Alagappa University, Karaikudi, Tamilandu, India, Ir.dt. 14-12-2023.	2023
20.	Assigned duty as Coordinator by the HOD, CITE - to conduct of practical exam / project for DDCE, Manonmaniam Sundaranar University, Ir.dt. 29.08.2023	2023
21.	Subject Expert - Inspection Commission - Sri Ram Nallamani Yadava College of Arts and Science, Tenkasi on 17.08.2023, Ir.dt. 10.08.2023.	2023

22.	Question Paper Setter (Data Mining and Warehousing) - Alagappa University, Karaikudi, Tamiladu, India, Ir.dt.03-08-2023.	2023
23.	Question Paper Setter (Operating System) - Alagappa University, Karaikudi, Tamiladu, India, Ir.dt.03-08-2023.	2023
24.	Chairman - Question paper setting board - B.Sc. (IT) & M.Sc. (IT), Alagappa University, Karaikudi, Taminadu, India, Ir.dt. 28-07-2023.	2023
25.	Question paper setter - Anna University, Chennai (Subject: Operating System), Ir.dt.29.05.2023.	2023
26.	Question paper setter - Anna University, Chennai (Subject: Software Testing), Ir.dt.16.05.2023.	2023
27.	Question paper setter - Alagappa University, Karaikudi, Ir.dt.03-04-2023	2023
28.	Resource Person - Internet day - St.John's College, Palayamkottai, Ir.dt.08-02-2023.	2023
29.	Research Advisory Committee - External Expert, Department of Computer Science, Madurai Kamaraj University, Madurai on 11-01-2023.	2023
30.	Member - Inspection Commission - Government Arts and Science College, Sankarankovil, Tenkasi District, Ir.d. 31.05.2023.	2023
31.	Annual Committee Member - 29 th Annual Convocation 2023, Manonmaniam Sundaranar University (Sl.10. Transportation, Parking, Vehicle Pass and Duty Pass, Sl.No: 12.Invitation and Sl.No.21. Decoration Committee	2023
32.	Member - Annual Quality Assurance Report (AQAR) - 2021-2022, Manonmaniam Sundaranar University, Ir.dt. 01.12.2022.	2022
33.	Member - SWAYAM - NPTEL - MOOCs - meeting, Ir.dt. 07.10.2022.	2022
34.	Subject Expert - Inspection Commission - Sri Ram Nallamani Yadava College of Arts and Science, Nallamani Nagar, Kodikurichi, Tenkasi, Tamilandu, Ir.dt.17.08.2022.	2022
35.	Subject Expert - Inspection Commission - Geetha Jeevan Arts & Science College, Thoothukudi, Ir.dt.09.05.2022	2022
36.	Member - Inspection Commission - Wavoo Wajeeha Women's College and G.Venkataswamy Naidu College, Kovilpatti, Ir.dt. 20.01.2022.	2022
37.	Chairman - Question paper setter board in M.B.A. (SM), Alagappa University, Karaikudi, Tamilnadu, India, Ir.dt. 11.08.2022.	2022
38.	Question Paper setter - M.Phil. Computer Science - Alagappa University, Karaikudi, Tamilnadu, India, Ir.dt. 16.06.2022.	2022
39.	External Examiner - To conduct Dissertation and Viva Voce for M.Sc. Computer Science - Alagappa University, Karaikudi, Tamilnadu, India, Ir.dt. 27-05-2022.	2022
40.	Member - Board of Studies meeting - Designing the Curriculum for the programme of M.SC. IT, Cyber Security and Data Analytics & M.Tech. CITE of University Department with LOCF guidelines and Blooms Taxonomy from the Academic year 2022 - 2023, Ir.dt.21.03.2022.	2022
41.	Member - NIRF 2022 Data submission meeting - Manonmaniam Sundaranar University, Ir.dt. 15-02-2022.	2022
42.	Question paper setter - Anna University, Chennai (Sub: TCP/IP Protocol Suite), Ir.dt. 21-05-2022.	2022

43.	Question paper setter - Anna University, Chennai (Sub: Cloud Services), Ir.dt. 21-05-2022.	2022
44.	Question paper setter - Anna University, Chennai (Sub: Ethical Hacking and Cyber Forensics), Ir.dt. 21-05-2022.	2022
45.	Question paper setter - Anna University, Chennai (Sub: Web Programming), Ir.dt. 21-05-2022.	2022
46.	Question paper setter - Anna University, Chennai (Sub: Computer Networks), Ir.dt. 23-11-2022.	2022
47.	Question paper setter - Anna University, Chennai (Sub: Data Mining and Data Warehousing Techniques), Ir.dt. 23-11-2022.	2022
48.	Question paper setter - Anna University, Chennai (Sub: M-Commerce), Ir.dt. 23-11-2022.	2022
49.	Member - Oral Examination - conduct of viva-voce exam- J. Prince Antony Joel (RegNo.:17142891255), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli, Ir.dt. 17.03.2022).	2022
50.	Member - Oral Examination - conduct of viva-voce exam - M. Mohamed Iqbal (RegNo.:1518459959), Anna University (Research Centre: Anna University, BIT Campus, Tiruchirappalli, Ir.dt. 17.08.2022).	2022
51.	Member - Oral Examination - conduct of viva-voce exam - N. Agnes Shiny Rachel (RegNo.:18244691241), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli, Ir.dt. 21.09.2022).	2022
52.	Question Paper setter - MCA - Alagappa University, Karaikudi, Tamilnadu, India, Ir.dt. 07.10.2022.	2022
53.	Chairman of Question paper setters board in M.Sc. (IT) & Diploma in Cyber Security, Alagappa University, Karaikudi, Tamilnadu, Ir.dt. 13-09-2021.	2021
54.	Question paper setter - Anna University, Chennai (Sub: Ethical Hacking and Cyber Forensics), Ir.dt. 11-10-2021.	2021
55.	Question paper setter - Anna University, Chennai (Sub: Open-Source Software), Ir.dt. 11-10-2021.	2021
56.	Question paper setter - Anna University, Chennai (Sub: Game Programming), Ir.dt. 11-10-2021.	2021
57.	Question paper setter - Anna University, Chennai (Sub: .NET Programming), Ir.dt. 11-10-2021.	2021
58.	Question paper setter - Anna University, Chennai (Sub: Security Practice), Ir.dt. 11-10-2021.	2021
59.	Subject Expert - of an Inspection Committee to visit Government Arts and Science College (Women), Alangulam, Tenkasi District for verifying the infrastructure facilities, qualification of the staff etc, for granting temporary affiliation held on 30 September 2020, Ir dt. 29.09.2020	2020
60.	Chairman - for DDCE exam paper Valuation (B.C.A. Board), Manonmaniam Sundaranar University, Ir.dt. 04.03.2020.	2020
61.	Chair Person - International Conference on "Computational Science IICCS-2019) organized by Department of Computer Science, Alagappa University, Karaikudi during 23-10-2019 and 24-10-2019,	2019
62.	External Examiner for M.Phil Computer Science project evaluation & Viva-Voce, Alagappa University, Karaikudi, Tamilnadu, India, Ir.dt. 07-09-2019	2019

63.	External Examiner for II MCA & MCA (WP) practical examination and Viva-Voce, Alagappa University, Karaikudi, Tamilnadu, India. Ir.dt. 10-04-2019	2019
64.	Served as examiner to value the PG exam scripts, Alagappa University, Karaikudi for M.Sc. (CS) held on 23.02.2019 to 25.02.2019.	2019
65.	Served as the Question paper setter for B.Sc. IT board, Annamalai University, Chidambaram, Ir. dt. 16.04.2019.	2019
66.	Served as the Question paper setter for MCA board, subjects 1. Software Testing and Quality Assurance and 2. Computer Graphics and Multimedia, Ir. dt. 19.08.2019.	2019
67.	Served as the Question paper setter for MCA board, Anna University, Chennai Ir. dt. 14.11.2019	2019
68.	Member - Board of Studies meeting of Computer Science (PG) for the purpose of issuance of equivalence at TANSICHE, Chennai, Ir. dt. 02.08.2019	2019
69.	Member - Board of Studies meeting of Computer Science (PG) for the purpose of issuance of equivalence at TANSICHE, Chennai, Ir. dt. 11.12.2019	2019
70.	Member - Board of Studies meeting of Computer Science (PG) for the purpose of issuance of equivalence at TANSICHE, Chennai, Ir. dt. 14.10.2019	2019
71.	Member - Board of Studies for the department of Information Technology (University Department) for a period of three years from 01.08.2018 to 31.07.2021, Ir.dt. 30.01.2019.	2019
72.	Member - Board of Studies in Information Technology - Dr. N.G.P. Arts and Science College (Autonomous), Coimbatore, held on 11 November 2019, Ir. dt. 15.11.2019.	2019
73.	Served as an Observer to conduct National Eligibility Cum Entrance Test (UG) - 2018 [NEET(UG)-2018] with Mrs. PUSHPAVENI IYAPPAN, (PRINCIPAL) PUSHPALATHA VIDYA MANDIR, Senior Secondary School, Thiyagarajanagar, Tirunelveli - 627 011, Tamilnadu, India held on Sunday, the 6 th May, 2018.	2018
74.	Served as Subject Expert to inspect the infrastructure facilities, qualification of the staff etc., for granting continuation of affiliation to the existing programs for the academic year 2018-2019 at Infant Jusus College of Arts & Science for Women, Mulagumoodu, Kanyakumari District held on 04.04.2018.	2018
75.	Served as a Subject Expert to inspect the infrastructure and institutional facilities available in the Department of Information Technology of Sri Ram NallamaniYadavaCollege of Arts and Science, Kodikurichi for Recognition of the Research Centre held on 15.02.2018.	2018
76.	Participated a meeting on Implementation of Networking of Universities through Cloud Computing and the academic and research conducted by Anna University on 01.12.2016 at the Academic Council Hall of University Buildings, Anna University, Chennai.	2017
77.	Served as an External Examiner for M.Sc. Computer Science Practical Viva Examination during 24.11.2017 & 25.11.2017 in the Department of Computer Science and Engineering, Alagappa University, Karaikudai.	2017

78.	Served as Subject Expert to inspect the infrastructure facilities available for the course Diploma in Information Technology at the St.Luke's Community College, St. Luke's Hospital Campus, Nazareth held on 16.05.2017.	2017
79.	Served as an Observer to conduct National Eligibility Cum Entrance Test (UG) - 2017 [NEET(UG)-2017] with Mr. P. SELVARAJU (PRINCIPAL) KENDRIYA VIDYALAYA NO.1 NARIMEDU, MADURAI, TAMIL NADU-625002 held on Sunday, the 7th May, 2017.	2017
80.	Served as a Member of an Inspection Commission to visit K.R. College of Arts & Science, K.R. Nagar, Kovilpatti for verifying the infrastructure facilities, qualification of the staff etc. for granting permanent/temporary affiliation to the existing courses for the academic year 2017-2018 on 22.03.2017.	2017
81.	Served as Question paper setter for the course Diploma in Information Technology, Directorate of Vocational Education, Manonmaniam Sundaranar University, Tirunelveli held on 20.03.2017.	2017
82.	Served as a University Representative to the Vivakananda College, Agasteeswaram for the period of two years from 13.03.2017 to 12.03.2019.	2017
83.	Served as an External Examiner for M.Sc. Computer Science Practical Examination on 27.11.2016 in the department of Compute Science, Science Campus, Alagappa University, Karaikudi.	2016
84.	Served as a Subject Expert of the Inspection Commission to visit Amritaa Educational Trust, Rasipuram, Namakkal District on 10.06.2016.	2016
85.	Served as an External Examiner for M.Sc. Computer Science Project Report evaluation and Viva-voce on 14.06.2016 in the Department of Computer Science and Engineering, Alagappa University, Karaikudai.	2016
86.	Served as an Observer to conduct All India Pre-Medical/Pre-Dental Entrance Test with Ms. Sreeja Unnikarishnan (Principal), Bharatia Vidya Bhavan School, Bhavan's Hill, Chevayur P.O., Kozhikode (A), Kerala held on Sunday, the 1 st May, 2016.	2016
87.	Served as a Member of Subject Expert for granting Guideship to teachers of University Department / Affiliated Colleges held on 05.04.2016 in the MS University Buildings, Tirunelveli.	2016
88.	Served as an External Examiner for MCA [®] / MCA (WEP) practical examination on 02.05.2016 & 03.05.2016 in Department of Computer Science and Engineering, Alagappa University, Karaikudai.	2016
89.	Served as an External Examiner for MCA (Regular / WEDP) Practical Examination on 26.11.2015 & 27.11.2015 the department of Compute Science and Engineering, Alagappa University, Karaikudi.	2015
90.	Served as Subject Expert of the Inspection Commission to visit "Arignar Anna College, Aralvoimozhi" to verify the infrastructure facilities and qualification for the teaching staff for granting further affiliation of the Advanced Diploma in Computer Science course on 16.07.2015.	2015
91.	Served as an External Examiner for M.Sc. Computer Science Practical Examination on 27.11.2014 in the department of Compute Science and Engineering, Alagappa University, Karaikudi.	2014
92.	Served as a script valuing examiner, Alagappa University, Karaikudi for M.Sc. (CS) course during 26.06.2013 to 30.06.2013.	2013

93.	Served as Examiners of PG Degree Examinations of May 2013 at Examination Buildings, M.S. University, Tirunelveli for M.Tech. courses offered at Satellite Centres on 27.05.2013.	2013
94.	Served as a Member Board of Studies in Information Technology & Computer Application (UG) meeting conducted on 25 th February 2013 at SadakathullahAppa College, Rahmath Nagar, Tirunelveli.	2013
95.	Served as the Chairman of Question paper setter for UG board, Alagappa University, Karaikudi for B.Sc (IT), B.Sc., Software on 17.01.2013.	2013
96.	Served as an observer / flying squad member for technical collaborative programme course June 2012 exam for technically collaborative programme course examinations during 20.06.2012 to 07.07.2012 at International Business School, Bangalore, Aptech Limited, Bangalore, Ygen Interactive Programme, Bangalore.	2012
97.	Served as the Chairman of Question paper setter board at Alagappa University, Karaikudi for B.Sc. IT, B.Sc. Software during 29.06.2012.	2012
98.	Served as examiner to value the PG exam scripts, Alagappa University, Karaikudi for M.Sc. (CS), M.Sc.(IT) during 11.06.2012 to 18.06.2012.	2012
99.	Served as an Observer to conduct of May 2012 DD & CE examinations, study Centre at SMVB Matric Hr. Sec. School, Villarasampatti, Nail Road, Erode & Tamil Nadu Paramedical Education Foundation, 1/64 New Thillai Nagar, P.N. Pudur, Coimbatore during 15.5.2012 to 21.05.2012.	2012
100.	Served as an Examiner for the valuation of TC answer scripts at MSU campus for M.Sc. / MCA during 20.09.2011 and 21.09.2011.	2011
101.	Served as an Examiner for UG/PG central valuation at Examination Building, M.S.University, Tirunelveli for BCA & MCA during 01.08.2011 to 07.08.2011.	2011
102.	Served as flying squad member for technical collaborative programme course exam for M.S.University, DD & CE courses during 28.06.2011 to 02.07.2011.	2011
103.	Served as an Observer to conduct of May 2011 DD & CE examinations, study Centre at Sri Annamalayar College of Paramedical Sciences, 4/556-1, Railway Station Road, Dharmapuri during 15 th May 2011 to 21 st May 2011.	2011

9. List of Ph.D. thesis evaluated as an examiner

SINo.	Particulars	Name of the University	Year
1.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Security in IOT Applications using Effective Security Sharing Scheme and Markov Fusion Based Ring Toss Blockchain" submitted by Sathish C (Reference Code: 191348997226/Ph.D./AR3)	Anna University	2024
2.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Improvement of Energy Efficiency in Wireless Sensor Networks Using Grey Wolf and Harmony Search Algorithm" submitted by Karthik Karmakonda (Ref No. CN012400129/Ph.D/Exams/2024)	Osmania University, Hyderabad	2024

3.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Hindi Fake News Detection for Social Media Platform using Machine Learning Approach" submitted by Vidhya Barpha (EN20CS6E1011)	Medi-Caps University, Indore	2024
4.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Ann Efficient Biometric Based Privacy Protection System for Data Search Sarita M. Motghare (EN17CS601002)	Medi-Caps University, Indore	2024
5.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Investigation on Glioma Detection and Grading Schemes by Deep Learning Techniques" submitted by Shargunam S (Reference Code: 21144891188/Ph.D./AR6)	Anna University	2023
6.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Brain Computer Interface Based Thought Recognition System using a Hybrid Deep Learning Model" submitted by Janeera D A (Reference Code: 18244697140/Ph.D./AR3)	Anna University	2023
7.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Evolution and Analysis of Synergistic Compression Approaches in ECE-EEG Signals for Efficient Healthcare Data Management" submitted by Angelin M (Reference Code: 17244891353/Ph.D./AR6)	Anna University	2023
8.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Multimodal Biometric System for Person Identification Using Different Learning Models" submitted by Venkata Ramana N (Roll No.: 1836070031)	Annamalai University	2023
9.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "A Data Routing Failure Detection Mechanism and Bio-Inspired Energy Optimization Routing Protocol for Improved Dynamic Hierarchical Clustering in 3D WSNS" submitted by Divya Mohana Priya G (Reference Code: 17244697125/Ph.D./AR3)	Anna University	2022
10.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Towards Reconstruction Quality of Bio signals from its Compressive Measurements or WBAN-based Health Monitoring Environment: A Deep Learning Approach" submitted by Evangelin D (Reference Code: 18244897144/Ph.D./AR3)	Anna University	2022
11.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Analysis of Social Networks: Investigating Issues and Deriving Solutions to Improve the Performance on Social Networks Analysis" submitted by Mohamed Iqbal M (Reference Code: 15184599959/Ph.D./AR6)	Anna University	2022
12.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Design and Analysis of Clock Gating Elements for Energy Efficient Implementations on FPGA" submitted by Agnes Shiny Rachel N (Reference Code: 18244691241/Ph.D./AR6)	Anna University	2022

13.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "Optimization of Human Adaptive Mechatronics an Integrated Approach with Cybernetics" submitted by Prince Antony Joel J (Reference Code: 17142891255/Ph.D./AR4)	Anna University	2021
14.	Served as an Indian Examiner to evaluate the Ph.D. thesis on the title "An Investigation on Improvement in Performance of Delay Tolerant Networks using Multicasting Techniques" submitted by Haripriya A E (Reference Code: 71130632016/Ph.D./AR7)	Anna University	2018

10. Research Supervision

Sl. No	Register Number	Name of the Scholar	Title of the Thesis	Date of Registration	Date of Awarded	Status
Scholars (under direct supervision)						
1.	11724	L. Godlin Atlas	Detection of Retinal Hemorrhages in Fundus Images using ANFIS classifier and various Segmentation Techniques	10.12.2014	09.11.2018	Awarded
2.	11722	S. Tamilarasan	A Novel Approaches towards Spectrum Access and Channel Allocation on Hybrid Cognitive Radio Networks using Game Theory and Fuzzy Models	10.12.2014	20.06.2019	Awarded
3.	11723	B. Vijaya Kumar	An Effective Approach for Brain Tumor Segmentation and Classification using MRI with Novel Machine Learning Schemes	11.12.2014	19.02.2020	Awarded
4.	11793	K. Silambarasan	Enhancing the Optimization Techniques using Health Care Services in IoT and Cloud	30.01.2015	23.09.2020	Awarded
5.	11833	S. Raghavendran	Exploring Efficient Methods for Leaf Disease Identification and Classification for Security in Cloud Computing through Encryption and Decryption Techniques	16.02.2015	27.01.2022	Awarded
6.	1721412 171010	A. Anbarasa Kumar	Preventing Cyber Space Intrusion through Data Analytics	10.08.2017	27.01.2021	Awarded
7.	1911401 2171001	A. Udayakumar	Data Analytics for Precision Agriculture	19.12.2019	30.03.2023	Awarded
8.	2012401 2172032	G.P.Dimf	Optimized Deep Learning Classifiers for Detection of Power Theft and Estimation of Electricity Losses	11.03.2020	--	Submitted
Scholars (under Co- supervision)						
9.	11947	M. Sivasubramanian	Self-Organizing Map-Based Different Color Image Segmentation with Clustering Algorithms and Saliency Map	16.06.2015	27.10.2020	Awarded

10.	1722401 2271140	A. Peter	Applications of Machine Learning Techniques in Data Mining	10.08.2017	20.06.2023	Awarded
Scholars (ongoing)						
11.	0113082 282017	T.L.Shiny	Design of Deep Learning Techniques for the Detection of Cervical Cancer	11.03.2020	Till date	Ongoing
12.	2022704 2171007	A. Maharajan	Cyber security attacks and defenses for maritime industry	30.12.2020	Till date	Ongoing
13.	2012401 2172033	J. Danny Anurisha	A Novel Digitization Approach for Tamil Character Recognition in Palm Leaf Manuscripts using Machine Learning Techniques	17.02.2020	Till date	Ongoing

11. Doctoral Committee Member

Sl. No.	Name of the Candidate	Name of the Guide	Name of University	Year
1.	Ms. D. Evangelin	Dr. G. Rajakumar	Anna University	2023
2.	Ms. R.P. Sherina	Dr.C Sheeja Herobin Rani	Anna University	2023
3.	Mr. M. Ramji	Dr. A. Rajarathinam	M.S. University	2023
4.	Mr. G. Arun Kumar	Dr. A. Rajarathinam	M.S. University	2023
5.	Mr.I.Sivaprasad Manivannan	Dr. A. Andrew Roobert	Anna University	2023
6.	Mr. R. Saravana Prabhu	Dr. P. Eswaran	Alagappa University	2023
7.	Ms. S.Anitha	Dr. S. Balaji	Anna University	2022
8.	Mr. A. Arul Rex	Dr. R. Jemila Rose	Anna University	2021
9.	Mr. H. Ajay Kumar	Dr. A. Lenin Fred	Anna University	2021
10.	Mrs. S. Seethalakshmi	Dr. B. Balakumar	M.S. University	2021
11.	Mr. P. Arriyamuthu	Dr. R.Sasikumar	M.S. University	2020
12.	Mrs. G. Gnana Jenifer	Dr. G. Rajakumar	Anna University	2019
13.	Mr. S. Ramehkumar	Dr. V. Balamurugan	M.S. University	2019
14.	Mrs. S. Fathimuthu Joharah	Dr. S. Kother Mohideen	M.S. University	2018
15.	Ms. K.R. Akhila	Dr. N. Muthukumaran	Anna University	2018
16.	Mr.P.Darwin	Dr.T.Arumuga Maria Devi	M.S. University	2018
17.	Mr.K.S. Saji	Dr.T.Arumuga Maria Devi	M.S. University	2018
18.	Mr.Tamilselvan	Dr.A.Rajarathinam	M.S. University	2018
19.	Ms. S.V. Adhira	Dr.A.Rajarathinam	M.S. University	2018
20.	Mrs. G. Kartika	Dr. M.Edwin Jaya Singh	Anna University	2018
21.	Ms. R.Hepzibai	Dr.T.Arumuga Maria Devi	M S University	2017
22.	Mr. C. Prathap	Dr. S. Siva Ranjani	Anna University	2017
23.	Ms. G. Karthiha	Dr. M. Edwin Jayasingh	Anna University	2017
24.	Mr. N. Mathavan	Dr. S.SivaRanjani	Anna University	2017
25.	Mr.S.SenthilPandi	Dr. R. Velumani	Anna University	2016
26.	Mr. J.H. Ajin	Dr. J. Rajeesh	Anna University	2015
27.	Mr. V. Antony Asir Daniel	Dr. R.Ravi	Anna University	2015

28.	Mr. V. Bibin Christopher	Dr. J. Jasper	Anna University	2015
29.	Mrs. C. Parameswari	Dr. R. Velumani	Anna University	2015
30.	Mr. K.Praghash	Dr. R.Ravi	Anna University	2015
31.	Ms. T.V. Chitra	Dr. E.Arun	Anna University	2015
32.	Ms. Benil T	Dr. J. Jasper	Anna University	2014
33.	Mr. D.Devina Merin	Dr. J. Rajeesh	Anna University	2014
34.	Ms. R. Jemila Rose	Dr. S. Allwin	Anna University	2013

12. External Examiner for Ph.D Viva -Voce Board Examination

SINo	Particulars	Name of the University	Year
1	External Examiner - To conduct of Ph.D. public viva-voce exam - D.A.Janeera (RegNo.:18244697140), Anna University (Research Centre: Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore).	Anna University	2024
2	External Examiner - To conduct of Ph.D. public viva-voce exam - S. Shargunam (RegNo.:21144891188), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli).	Anna University	2024
3	External Examiner To conduct Ph.D. public Viva-Voce Exam (Venkata Ramana N), Annamalai University, Chidambaram.	Annamalai University	2023
4	External Examiner - To conduct of Ph.D. public viva-voce exam - J. Prince Antony Joel (RegNo.:17142891255), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli).	Anna University	2022
5	External Examiner - To conduct of Ph.D. public viva-voce exam - M. Mohamed Iqbal (RegNo.:1518459959), Anna University (Research Centre: Anna University, BIT Campus, Tiruchirappalli)	Anna University	2022
6	External Examiner - To conduct of Ph.D. public viva-voce exam - N. Agnes Shiny Rachel (RegNo.:18244691241), Anna University (Research Centre: Francis Xavier Engineering College, Tirunelveli).	Anna University	2022

13. Observer - Subject Expert (Nominated by the Vice-Chancellor) for Ph.D. Public Viva-Voce

SINo	Name of the Candidate	RegNo	Name of the Guide	Status	Year
1.	Mr. R. Ravichakravarthi	7648	Dr. E. Chandra	Ph.D.	2021
2.	Mr. P. Joe Arun Raja	7627	Dr.C.Nelson Kennedy Babu	Ph.D.	2020
3.	Mr. S. Anantha Babu,	7680	Dr. P. Eswaran	Ph.D.	2019
4.	Mr. Sing Vijay	10708	Dr.N.Krishnan	Ph.D.	2019
5.	P. Alagesh Kannan	7657	Dr. E. Ramaraj	Ph.D.	2019
6.	Ms. S. Meenakshi	7715	Dr. A. Murugan	Ph.D.	2019
7.	Mr. J. Chennai Kumaran	7669	Dr. M. Aramudhan	Ph.D.	2019

8.	Mr. M. Robinson Joel	7666	Dr. M.V.Srinath	Ph.D.	2019
9.	Ms. G. Annalakshmi	10512	Dr. S. Ravi	Ph.D.	2019
10.	Mrs.B.M.Gayathri	7691	Dr.C.P.Sumathi	Ph.D.	2019
11.	Ms. N. Jiji	5152	Dr. T. Mahalakshmi	Ph.D.	2018
12.	Mr. N. Nijil Raj	5153	Dr. T. Mahalakshmi	Ph.D.	2018
13.	Ms. Angela Jennifa Sujana	7773	Dr. T. Revathi	Ph.D.	2018
14.	Mr. M. Masthan	10499	Dr. R. Ravi	Ph.D.	2018
15.	Ms.S.Shridevi	4028	Dr.G.Raju	Ph.D.	2018
16.	Mr.T.Sabhanayagam	7686	Dr.V.PrasannaVenkatesan	Ph.D.	2018
17.	Mr.S.Athinarayanan	7665	M.V.Srinath	Ph.D.	2017
18.	Mr. D. Suresh Raj	5131	Dr. V. MuruliBhaskaran	Ph.D.	2017
19.	Mr. V. Jayakumar	4500	Dr. K. Alagarsamy	Ph.D.	2017
20.	Mr. T.Sivaraman	5889	Dr. E. Karthikeyan	Ph.D.	2017
21.	Ms. R. Chitra	5741	Dr. V.Seenivasagam	Ph.D.	2017
22.	Mr.V.Saravana Kumar	7697	Dr.E.R.Naganathan	Ph.D.	2017
23.	Mr.S.AnanthaSivaprakasam	7295	Dr.E.R.Naganathan	Ph.D.	2017
24.	Ms. V. Poongodi	7656	Dr.Dr.K.Thangadurai	Ph.D.	2017

14. Orientation / Faculty Development Programme / Refresher courses participated

Sl.No	Particulars	Year
1.	Participated Two-week NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by MMTTC, Central University of Haryana, Mahendergarh (India) during 04-03-2024 to 13.03.2024	2024
2.	Participated Two Week refresher course in "Advanced Research Methodology: Best Practices" organized by Teaching Learning Centre, Ramanujan College, University of Delhi in Collaboration with S.S. Jain Subodh P.G. (Autonomous) College, Jaipur under the aegis of Ministry of Education, PMMMMNMTT, Government of India	2022
3.	Participated in the Five days Online Faculty Development programme on "Recent Advancements in Science & Engineering" organized by Regional College for Education Research and Technology, Jaipur, India during 26-12-2022 to 30-12-2022	2022
4.	Participated in the Five days Faculty Development Programme on "Recent Trends in Cyber Security Domain" organized by Centre for Information Technology and Engineering, MSU sponsored by All India Council for Technical Education, AICTE Training and Learning (ATAL) Academy during 05-07-2021 to 09-07-2021	2021
5.	Participated One Week Faculty Development Programme on "Safety and Hygiene in Online (Cyber) World" organized by Teaching Learning Centre, Ramanujan College, University of Delhi, sponsored by Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, Government of India during 01.03.2021 to 08.03.2021.	2021
6.	Participated One Week Faculty Development Programme on "Statistical Analysis using SPSS" organized by Centre for Special and Movement Education, Manonmaniam Sundaranar University, sponsored by A scheme under PMMMMNMTT (An MHRD project, Govt. of India) during 05.08.2020 to 11.08.2020.	2020

7.	Participate in the Three weeks Refresher Course in "E-Learning and Digital Learning conducted by the Centre for Professional Development in Higher Education, UGC - Human Resource Development Centre, Academic Research Centre Building, Opposite SGTB Khalsa College, Guru Tegh Bahadur Marg, University of Delhi, Delhi - 110007 held from 05 September 2017 to 25 September 2017.	2017
8.	Participated in Four-week Orientation Programme "OP-117" conducted by Academic Staff College, Himachal Pradesh University, Shimla - 171 005 held from 25.08.2014 to 20.09.2014 with "A" grade.	2014
9.	Participated in the Faculty Development Series organized by Curriculum Development Cell & Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli, held on 26 th September 2014.	2014
10.	Participated in the Faculty Development Series II :Effective Coping Skills for Teacher organized by Curriculum Development Cell & Department of Psychology, Manonmaniam Sundaranar University, Tirunelveli, held on 12 th March 2014.	2014

15. Details of Seminar / Conference / Workshops / Symposiums etc. Organized/Participated

Sl.No	Particulars	Year
1.	Served as Organizing Member for the one-day seminar on "Block Chain Unveiled: Exploring the Fundamentals, Features and its Applications" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 09-02-2024.	2024
2.	Served as Organizing Member in the Hands-on Training on "Web App Development" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 12-02-2024.	2024
3.	Served as Organizing Member for one day workshop on "Network and Web Security Testing" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 29-01-2024.	2024
4.	Served as Faculty in-charge in the Faculty Development programme on "Foundation on Cloud" under Naan Mudhalvan Scheme organized by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu and Manonmaniam Sundaranar University during 24.07.2023 to 26-07-2023.	2023
5.	Served as Faculty in-charge in the Faculty Development programme on "Emerging Technology for Employability" under Naan Mudhalvan Scheme, organized by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu and Manonmaniam Sundaranar University during 06-02-2023 to 08-02-2023	2023
6.	Served as Faculty in-charge in the Faculty Development programme on "Machine Learning & Android App Development" under Naan Mudhalvan Scheme organized by Tamil Nadu Skill Development Corporation, Government of Tamil Nadu and Manonmaniam Sundaranar University during 30-01-2023 to 03-02-2023	2023
7.	Participated in the Two days Online International Workshop on "Recent Trends in Energy Harvesting and Storage" organized by Department of ECE, Koneru Lakshmaiah Education Foundation, Guntur District, Andhra Pradesh, India during 19-01-2023 to 20-01-2023	2023

8.	Participated in the One Day Workshop on "NPTEL" organized by IIT, Madras (IC&SR Auditorium) held on 24-06-2023.	2023
9.	Actively participated Mass Yoga Practices in the 9 th INTERNATIONAL DAY OF YOGA-2023 held at Manonmaniam Sundaranar University Campus, Abishekapatti, Tirunelveli on 21-06-2023	2023
10.	Participated in ACM webinar on "Recent Trends in AI" held on 11 February 2023 organized by Yelagiri Hills ACM professional chapter & Don Bosco College (Co-Ed) Yelagiri Hills, Tirupattur District, Tamilnadu	2023
11.	Served as Organizing Member of one day Technical Symposium, Softcraft-22 organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 01-04-2022.	2022
12.	Served as Organizing Member for the two days workshop on "IoT and its Applications" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 29-03-2022 & 30-03-2022.	2022
13.	Served as Organizing Member for the two days' workshop on "Pyspark for Data Analytics" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 16-03-2022 & 17-03-2022.	2022
14.	Participated in One-Week short term training programme on "Emerging Technologies" from 19 th to 24 th December 2022 through online, organized by Department of Computer Science and Engineering (AIML) in association with IEEE Computer Society and IEEE Computational Intelligence Society, Vardhaman College of Engineering, Hyderabad	2022
15.	Participated Two days workshop on "Automation of Coding Lab" organized by Bharathiar university, RUSA 2.0 & Rashtriya Uchchar Shiksha Abhiyan (RUSA), State Project Directorate - Taminadu during 05-09-2022 & 06-09-2022.	2022
16.	Participated One day workshop on "Intellectual Property Rights" organized by Government of India Ministry of Science and Technology, Department of Science and Technology (DST) & Tamil Nadu State Council for Science and Technology (TNSCST), Department of Higher Education, Government of Tamil Nadu on 04-08-2022.	2022
17.	Participated in the One-Week short term online training programme on "Emerging Technologies" Organized Department of Computer Science and Engineering (AIML), Vardhaman College of Engineering, Hyderabad & IEEE Computer Society and IEEE Computational Intelligence Society during 19-12-2022 to 24-12-2022	2022
18.	Participated in the Two days workshop on "Automation of Coding Lab" organized by Bharathiar University, RUSA 2.0 & Rashtriya Uchchar Shiksha Abhiyan (RUSA), State Project Directorate - Tamilnadu IAMNEO during 05-09-2022 to 06-09-2022	2022
19.	Participated in the One-day workshop on "How to do Quality Publications" organized by Department of Computer Science and Engineering, Aalim Muhammed Salegh College of Engineering, Muthapudupet, Avadi, IAF, Chennai-600 055 held on 27-08-2022	2022

20.	Participated in the One-day workshop on "Intellectual Property Rights" organized by Government of India, Ministry of Science and Technology, Department of Science and Technology (DST) & Tamil Nadu State Council for Science and Technology (TNSCST) Department of Higher Education, Government of Tamil Nadu held on 04-08-2022	2022
21.	Participated in the One-day Cyber Security Awareness Programme organized by Information Technology Department, Government of Tamilnadu at Conference Hall, Tamil Nadu e-Governance Agency, PT Lee Chengalvarayan Naicker Building, Anna Salai, Chennai & C-DAA, Chennai held on 05-08-2021.	2021
22.	Participated One Week FDP on online medium (Part-I: e-content development using four-quadrant strategy and Part-II: Web-based services) organized by Manonmaniam Sundaranar University sponsored by IIT Bombay (BodhiTree LMS & Google Classroom) during 09 July 2020 to 15 July 2020.	2020
23.	Webinar on "Online Tools for Teachers and Administrators" organized by Centre for Special and Movement Education (School of Education), A scheme under PMMMMNMTT (An MHRD project, Govt. of India) held on 27 July 2020.	2020
24.	Participated Inter-University seminar on "Development of Roadmaps of Universities for Realising Chancellor's Vision 2030: Innovating Education in the Era of Industry 4.0" organized by Bharathiar University, Coimbatore held on 17 March 2020 To 18 March 2020.	2020
25.	Participated in the One-day Workshop on "Science of Yoga" organized by Centre for Special and Movement Education under a scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMMNMTT) (an MHRD project, Govt. of India on 14.09.2019.	2019
26.	Participated 17th Regional Workshop on "Science Writing/Journalism for the Youth" organized by M.T.S. Academy of Mylai Thiruvalluvar Tamizh Sangam, Nehru Yuva Kendra, Ministry of Youth Affairs and Sports, Govt. of India, Tamil Nadu State Council for Science and Technology & MSU during 12.02.2019 & 13.02.2019	2019
27.	Served as an Organizing Member in the Two Days workshop on "Hadoop Fundamental for the Data Analytics" organized by the department of Centre for Information Technology and Engineering, M.S. University, Tirunelveli held on 09.01.2019 & 10.01.2019.	2019
28.	Served as Coordinator for the two days' workshop on "Web Application Penetration Testing" organized by the department of Centre for Information Technology and Engineering, M.S. University, Tirunelveli held on 06.04.2019 to 07.04.2019.	2019
29.	Served as Coordinator to conduct M.Phil. & Ph.D. Qualifying Entrance Examination for July 2019 Session which is scheduled on 20.03.2019 at 11.00 am. at University Campus, Ir. dt. 21.02.2019.	2019
30.	Served as Coordinator to conduct M.Phil. & Ph.D. Qualifying Entrance Examination (Supplementary) for July 2019 Session which is scheduled on 10.07.2019 at 11.00 am. at University Campus, Ir. dt. 21.06.2019.	2019

31.	Served as Coordinator for the two days' workshop on "Hands-on Training for Application Pentest" organized by the department of Centre for Information Technology and Engineering, M. S. University, Tirunelveli held on 20.07.2019 to 21.07.2019.	2019
32.	Participated 17th Regional Workshop on "R Programming and Data Analytics" organized by Institute for Statistical and Analytical Research, Chennai on 31.08.2019 & 01.09.2019.	2019
33.	Attended one day workshop on "Neurophysiological Basis of Human Movement" held at Sundaranar Hall, MSU, Tirunelveli, Tamil Nadu, India organized by Centre for Special and Movement Education, School of Education, A Scheme under Pandit Madan Mohan Malaviya National Mission of Teacher and Teaching (PMMMNTT)(an MHRD project, Govt. of India) on 21.09.2019	2019
34.	One Day Technical Symposium, SOFTCRAFT-19 Organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 26.02.2019	2019
35.	Served as a Organizing Committee for Two days workshop on "Cyber Space and Its Career Path" Organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 12.10.2019 and 13.10.2019	2019
36.	Actively Participated in Two days workshop on "Science Writing/Journalism for the Youth" Organized by M.T.S. Academy of Mylai Thiruvalluvar Tamizh Sangam, Nehru Yuva Kendra, Ministry of Youth Affairs and Sports, Govt. of India, Tamil Nadu State Council for Science and Technology & MSU	2019
37.	Served as a Organizing Committee for Two days workshop on "Web Application Penetration Testing" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, held on 06.04.2019 and 07.04.2019.	2019
38.	Served as an Organizing Committee for "Hands-on Training for Application Pentest" Organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, held on 20.07.2019 and 21.07.2019.	2019
39.	Participated in the Two day Workshop on "R Programming and Data Analytics" Organized by Institute for Statistical and Analytical Research, Chennai. held on 31.08.2019 and 01.09.2019	2019
40.	Participated in the One day Workshop on "Science of Yoga" organized by Centre for Special and Movement Education under a scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)(an MHRD project, Govt. of India on 14.09.2019.	2019
41.	Participated 17th Regional Workshop on "Science Writing/Journalism for the Youth" organized by M.T.S. Academy of Mylai Thiruvalluvar Tamizh Sangam, Nehru Yuva Kendra, Ministry of Youth Affairs and Sports, Govt. of India, Tamil Nadu State Council for Science and Technology & MSU during 12.02.2019 & 13.02.2019	2019
42.	Served as an Organizing Member in the Two Days workshop on "Hadoop Fundamental for the Data Analytics" organized by the department of Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 09.01.2019 & 10.01.2019.	2018

43.	Served as Coordinator for the two days' workshop on "Cyber Space and Its Career Path" organized by the department of Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 12.10.2018 to 13.10.2018.	2018
44.	Served as an Organizing Member in the One Day Technical Symposium, SOFTCRAFT-18 organized by the department of Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli on 27 th February 2018.	2018
45.	Served as an Organizing Committee for One Day Technical Symposium, SOFTCRAFT-18 Organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 27.02.2018	2018
46.	Participated in the One day National Colloquium on Technology Enabled Learning organized by Manonmaniam Sundaranar University in collaboration with Indian Institute of Technology, Bombay & Ministry of Human Resource Development, New Delhi held on April 19 2018.	2018
47.	Organized Two Days workshop on "Android Apps Development" jointly conducted by Centre for Entrepreneurship Development Career & Counselling Cell in association with Centre for Information Technology and Engineering, Manonmaniam Sundaranar University during 06 & 07, November 2017.	2017
48.	Served as an Organizing Member in the One Day Technical Symposium, SOFTCRAFT-17 organized by the department of Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli on 13 th March 2017.	2017
49.	Participated in the One-day Orientation Programme for Research Supervisors of Manonmaniam Sundaranar University held at Manonmaniam Sundaranar University, Tirunelveli on 01 st November 2017.	2017
50.	Participated in the two days workshop on "Tools and Techniques for Data Analytics organized by the Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli on 28 th & 29 th August 2017.	2017
51.	Participated in the one-day training programme on "Effective Utilization of E-Resources" held on 10 th August 2017 at University Library, Manonmaniam Sundaranar University, Tirunelveli.	2017
52.	Participated in the One-day Training Programme on High Impact Teaching Skills organized by the Internal Quality Assurance Cell held at the Manonmaniam Sundaranar University, Tirunelveli on 19 th July 2017.	2017
53.	Organized Three Days workshop on "Android Mobile Applications Development" conducted by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University during 19-21 October 2016.	2016
54.	Organizing Member & Participated one day special Training Programme on "Skill Developments using Modern Programming Techniques" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India, during 17 th October 2016.	2016

55.	Organizing Member / Participated one day Seminar on "Bigdata Analytics" conducted by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India, during 22 nd January 2016.	2016
56.	Participated in the One day National Level workshop on "Art of Writing Bibliography based on Mendeley Reference Manager" organized by Perunthalaivar Kamarajar Library, Manonmaniam Sundaranar University, Tirunelveli held on 30 March 2016.	2016
57.	Organized one day Seminar on "BIOMEDICAL ENGINEERING TRENDS" conducted by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India during 27 th August 2015.	2015
58.	Organizing Member & participated in the Two Days seminar on "Cloud Computing and Soft Skills Development" organized by Centre for Information Technology and Engineering, Manonmaniam Sundaranar University, Tirunelveli in association with ICT Academy of Tamilnadu, India held on 9 th & 10 th February 2015.	2015
59.	Participated two days UGC-SAP sponsored seminar on "Advanced Image Processing Techniques organized by the Department of Computer Science & Engineering, Manonmaniam Sundaranar University, Tirunelveli held on 30 th & 31 st March 2015.	2015
60.	Participated in a two-day National Seminar on "Role of ICT in Improving the Quality of Institution" organized by Department of Education (DDCE), M S University sponsored by National Assessment and Accreditation Council (NAAC) held on 30 th & 31 st July 2014	2014
61.	Participated in the "Indo-Taiwan Workshop on Cloud Computing and its Application - ITCCA 2013", organized by C-DAC, Bangalore in association with National Centre for High-performance computing - NAR Labs, Bangalore during 7 & 8 th November 2013.	2013
62.	Attended the seminar on "Cloud Computing" jointly organized by IETE - Trivandrum - Nagercoil PAC, District Science Centre - Tirunelveli & Vi Microsystems Pvt Ltd., Chennai on 22 nd January 2011 at District Science Centre, Tirunelveli	2011
63.	Attended two-week Software Training Programme on "Introduction to Oracle 9i: SQL" organized by Oracle University at Bangalore during May 2009.	2009
64.	Attended the seminar on "Grid Computing with Mathematica" jointly organized by Sierra Atlantic, Hyderabad and Centre for Information Technology and Engineering, Manonmaniam Sundaranar University during 9 th January 2007.	2007
65.	Participated in the "Five-Day workshop on Image Processing with IDL programming" conducted by Centre for Information Technology and Engineering during 26 to 30 th December, 2007.	2007
66.	Participated in the two-day Workshop on "Internet and it's Applications in Real World" during 5, 6 th June 1999 jointly conducted by Pentasoft Technologies Pvt. Ltd., Tirunelveli and District Science Centre, Tirunelveli in association with MAHITI, Bangalore.	1999

16. Research Publications (National / International Journals)

SINo	Title	Year
[1].	Arumugam Maharajan, Parasuraman Kumar "Whale optimized routing path selection and 128 bit secured key management for maritime safety" Elsevier ScienceDirect , International Journal of Naval Architecture and Ocean Engineering (2024), ISSN: 2092-6782, pp.1-13. https://doi.org/10.1016/j.ijnaoe.2024.100584 (SCI Journal)	2024
[2].	Dimf Greagory Prema Kumari, Parasuraman Kumar & Smitha Jolakula Asoka "Smart grid electricity theft prediction using cascaded R-CNN and hybrid metaheuristic optimization", Springer Nature Electrical Engineering, (2024), ISSN: ISSN : 0948-7921 https://doi.org/10.1007/s00202-024-02429-1 (SCI Journal)	2024
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17. Research Publications (National / International Conference Proceedings)

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[1].	Eswaran Perumal, Pramila Arulanthu and Kumar Parasuraman "Firefly Algorithm with Deep Belief Network for Crop Classification Model in Agricultural Sector", IEEE and ACM 2024 second International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE'24 on February 22 & 23, 2024 organized by School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore - 632014 (Scopus Indexed) https://doi.org/10.1109/ic-ETITE58242.2024.10493598	2024
[2].	Maharajan Arumugam and Kumar Parasuraman "Optimized Routing and Security in Maritime Safety Applications" IEEE 2023 International Conference on Circuit, Power and Computing Technologies (ICCPCT), Baseliros Mathews II College of Engineering Lake View, Muthupilakadu, Poruvazhy (P.O.), Sasthamcotta - 690 520 Kallam, Kerala State, India. Date of Conference: 10-11 August 2023, ISBN: 979-835033324-4. https://doi.org/10.1109/ICCPCT58313.2023.10245423b (Scopus Indexed)	2023
[3].	Shiny T L; Kumar Parasuraman "ROI Extraction and Nuclei Classification of Pap Smear Images for Cervical Cancer Detection" IEEE 2023 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN), at School of Electronics Engineering (SENSE), VIT, Vellore, TN, India, Date of Conference: 05-06 May 2023, ISBN: 979-835034798-2 (Scopus Indexed) https://doi.org/10.1109/ViTECoN58111.2023.10157033	2023
[4].	A. Peter, K. Manoj, P. Kumar "Blockchain and Machine Learning Approaches for Credit Card Fraud Detection" 2023 5th IEEE International Conference on Smart Systems and Inventive Technology (ICSSIT), Electronic ISSN: 2832-3017, Print on Demand(PoD) ISSN: 2832-3009, Date of Conference: 23-25 January 2023 at Francis Xavier Engineering College, 103/G2 By Pass Road, Vannarpetai, Tirunelveli 627003, India, ISBN :978-166547467-2 https://doi.org/10.1109/ICSSIT55814.2023.10060999 (Scopus Indexed)	2023
[5].	Dimf G P; Kumar P; Manju V N "Detection of Electricity Theft using a Deep Learning-based Bayesian optimization algorithm and LSTM" IEEE 2022 3rd International Conference on Co mmunication, Computing and Industry 4.0 (C2I4) at Department of EEE, CMR Institute of Technology, Bangalore, India, Date of Conference: 15-16 December 2022, ISBN:978-166547497-9 https://doi.org/10.1109/C2I456876.2022.10051507 (Scopus Indexed)	2022
[6].	J. Syed Nizamudeen Ahmed, M. Mohamed Sathik, Krishnan Nallaperumal, Senthamarai Kannan Kaliaperumal, and Kumar Parasuraman "Automated Diagnosis of COVID-19 Using Squeeze Net Architecture Based on Deep Learning" Springer International Conference on Emergent Converging Technologies and Biomedical Systems (ETBS) at University Institute of Engineering & Technology, Kurukshetra University, Kurukshetra, Haryana, India (2022) (Print ISBN978-981-16-8773-0), (Online ISBN978-981-16-8774-7), pp.651-662. https://doi.org/10.1007/978-981-16-8774-754 (Scopus Indexed)	2022

SINo	Title	Year
[7].	Kumar Parasuraman and A. Anbarasa Kumar and A.Udayakumar "Cyber Security and the Advancement of Intrusion Detection Systems" UGC Sponsored International Conference on Recent Trends in Stochastic Modelling and Its applications (ICRTSMA), Department of Statistics, Manonmaniam Sundaranar University, Tamil Nadu, India held on January 09- 11, 2020.	2020
[8].	Kumar Parasuraman, A.Udayakumar and A. Anbarasa Kumar "Prediction for Agricultural Development in India Using Data Analytics" UGC Sponsored - International Conference on Recent Trends in Stochastic Modelling and Its applications (ICRTSMA) Department of Statistics, Manonmaniam Sundaranar University, Tamilnadu, India held on January 09- 11, 2020.	2020
[9].	Kumar Parasuraman and A. Anbarasa Kumar and T.Arumuga Maria Devi "Trends and Challenges of Cyber Security" National Conference Organized by Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India, Organized Crimes in India: Trends and Legal Issues" with special Reference to Human Trafficking.	2019
[10].	Kumar Parasuraman and A. Anbarasa Kumar "Cyber Security: A New Approach of Secure Data Through Attentiveness in Cyber Space" Springer International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ISSN: 2367-4520, ISBN 978-3-030-28363-6, ISBN 978-3-030-28364-3 (eBook), pp. 103-115, https://doi.org/10.1007/978-3-030-28364-3_10 (Scopus Indexed)	2019
[11].	P. Kumar and S. Raghavendran "Plant Disease Detection System for Agricultural Applications in Cloud Using SVM and PSO", 2018 Proceeding of the Springer International Conference on Computer Networks, Big Data and IoT (ICCBI - 2018), ISSN:23674512, pp. 850-856. https://doi.org/10.1007/978-3-030-24643-3_99 (Scopus Indexed)	2019
[12].	Silambarasan K, P.Kumar "An Improved Cuckoo Search Algorithm for System Efficiency in Cloud Computing" 2018 International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), ISBN:978-1-5386-1442-6, pp.733-736. https://doi.org/10.1109/i-smac.2018.8653706 (Scopus Indexed)	2018
[13].	Tamilarasan Santhamurthy, Dr. Kumar Parasuraman, "Oppertnuistic Channel Selection in herterogeneous Cognitive Radio Network Using Priority Queue Scheduling", 2017 International Conference on Electronics and Communication Systems (ICECS), ISBN:978-1-5090-3355-3, pp.59-64. https://doi.org/10.1109/ecs.2017.8067837 (Scopus Indexed)	2017
[14].	Tamilarasan S, Kumar P, "Priority Based Dynamic Resource Allocation in MIMO Cognitive Radio Networks", 2017 IEEE International Conference on Computational Intelligence and Computing Research (ICIC), ISBN: 978-150906620-9. https://doi.org/10.1109/icic.2017.8524549 (Scopus Indexed)	2017

SINo	Title	Year
[15].	L.Godlin Atlas, Dr.KumarParasuraman "Detection of retinal hemorrhage in fundus images using ANFIS classification and FCM with cuckoo search optimization algorithm" 2017 IEEE International Conference on Communication and Electronics Systems (ICCES), ISBN:978-1-5090-5013-0, pp.35-39. https://doi.org/10.1109/cesys.2017.8321308 (Scopus Indexed)	2017
[16].	T.Arumuga Maria Devi, D.Muthukumar, Kumar Parasuraman "Graphical Representation of Voltage and Current Measurements in Series or Parallel RLC Resonant Circuits for Magnification Using Hyperspectral Analysis" 2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), ISBN:978-1-5090-4778-9, https://doi.org/10.1109/ITCOSP.2017.8303148 (Scopus Indexed)	2017
[17].	T. Arumuga Maria Devi, Mebin Jose V.I, Kumar Parasuraman, "A novel approach for automatic detection of non-small cell lung carcinoma in CT images" 2016 IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), ISBN:978-1-5090-5240-0, pp.886-890. https://doi.org/10.1109/iccicct.2016.7988059 (Scopus Indexed)	2016
[18].	Jayalekshmi S, Kumar Parasuraman "Super-Resolution Enhancement of Denoise Image/Video" International Conference on Recent Issues in Engineering, Science & Technology-ICRIEST '2016, pp.262-269.	2016
[19].	Tamilarasan S, Kumar P, "Dynamic resource allocation using priority queue scheduling in multi-hop cognitive radio networks", 2016 IEEE International Conference on Computational Intelligence and Computing Research (ICCIIC), ISBN: 978-150900611-3, pp.156-160. https://doi.org/10.1109/iccic.2016.7919551 (Scopus Indexed)	2016
[20].	T. Arumuga Maria Devi, S. Benisha, M. Mathan Raja; P. Kumar, E. Senthil Kumar "Meyer controlled Watershed segmentation on Schistosomiasis in Hyperspectral Data Analysis", 2015 IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), pp.829-834. ISBN: 978-146739825-1 https://doi.org/10.1109/iccicct.2015.7475394 (Scopus Indexed)	2015
[21].	Kumar Parasuraman and G. Deeparani., "Reversible image watermarking using interpolation technique" 2014 IEEE International Conference on Electronics, Communication and Computational Engineering (ICECCE), ISBN:978-1-4799-5748-4, pp. 200-205. https://doi.org/10.1109/ICECCE.2014.7086658 (Scopus Indexed)	2014
[22].	Kumar Parasuraman, Ramya R "Automated detection of diseases by nicking quantification in retinal images" 2014 IEEE International Conference on Electronics, Communication and Computational Engineering (ICECCE), ISBN:978-1-4799-5748-4, pp. 273-278. https://doi.org/10.1109/icecce.2014.7086626 (Scopus Indexed)	2014
[23].	Kumar Parasuraman, P. Srinivasababu, S. Rajula Angelin, T. Arumuga Maria Devi "Secured document management through a third party auditor scheme in Cloud Computing" 2014 IEEE International Conference on Electronics, Communication and Computational Engineering (ICECCE), ISBN:978-1-4799-5748-4, pp. 109-118. https://doi.org/10.1109/ICECCE.2014.7086643 (Scopus Indexed)	2014

SINo	Title	Year
[24].	Srinivasababu Purusothaman, Kumar Parasuraman, "Vehicular Traffic Density State Estimation using Support Vector Machine" 2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology (ICECCN), ISBN:978-1-4673-5036-5, pp.782 - 785. https://doi.org/10.1109/ICE-CCN.2013.6528610 (Scopus Indexed)	2013
[25].	Krishnan Nallaperumal, Kumar Parasuraman, R. Antony Panimalar, Srinivasa Babu Purusothaman "A Robust License Plate Extraction from Video Sequence" 2nd National Conference on Intelligent Transportation System, (InTranSe 2011) organized by Centre for Development of Advanced Computing (CDAC), Trivandrum in association with IIT Bombay, Mumbai, IIT Madras, Chennai, IIM Calcutta, Kolkata, sponsored by Department of Information Technology, Government of India during 25-27 August 2011.	2011
[26].	Kumar Parasuraman, Krishnan Nallaperumal, A.Risvanul Jannah, P. Srinivasa Babu "An Efficient Vehicle License Plate Extraction from Video Sequence" 2nd National Conference on Intelligent Transportation System, (InTranSe 2011) organized by Centre for Development of Advanced Computing (CDAC), Trivandrum in association with IIT Bombay, Mumbai, IIT Madras, Chennai, IIM Calcutta, Kolkata, sponsored by Department of Information Technology, Government of India during 25-27 August 2011.	2011
[27].	Krishnan Nallaperumal, J. Selvi Prabha, Srinivasa Babu Purusothaman and Kumar Parasuraman, "Vehicle Speed Detection by Image Processing Technique" 2nd National Conference on Intelligent Transportation System, (InTranSe 2011) organized by Centre for Development of Advanced Computing (CDAC), Trivandrum in association with IIT Bombay, Mumbai, IIT Madras, Chennai, IIM Calcutta, Kolkata, sponsored by Department of Information Technology, Government of India during 25-27 August 2011.	2011
[28].	Kumar Parasuraman, Krishnan Nallaperumal, Srinivasa Babu Purusothaman, Sreeja T.S. "An Efficient method for Indian License Plate Character Recognition System" 2011 IEEE International Conference on Computational Intelligence and Computing Research (ICIC), ISBN: 978-1-61284-766-5/11/\$26.0 ©2011, IEEE, pp.1139 - 1141.	2011
[29].	Kumar Parasuraman, Krishnan Nallaperumal, D. Chandrasekar "License Plate Location Method Based-on Wavelet Transform and Character Segmentation through IDL" 2011 IEEE International Conference on Computational Intelligence and Computing Research (ICIC), ISBN: 978-1-61284-766-5 /11/\$26.0©2011, IEEE, pp. 1147-1150.	2011
[30].	Kumar Parasuraman, Krishnan Nallaperumal, Srinivasa Babu Purusothaman and Amitha I C "Automatic License-Plate Location Based on Feature Saliency for Video Images", 2011 IEEE International Conference on Computational Intelligence and Computing Research, 978-1-61284-693-4/11/\$26.00 ©2011 IEEE, pp.1142-146.	2011
[31].	Krishnan Nallaperuma, Srinivasababu P, Kumar Parasuraman, Krishna Gohila Devi S "Absolute Vehicle Speed Estimation through Vehicle Tracking on Indian Roads" 2011 IEEE International Conference on Computational Intelligence and Computing Research (ICIC), ISBN: 978-1-61284-766-5 /11/\$26.0 © 2011, IEEE, pp.1151 - 1156.	2011

SINo	Title	Year
[32].	Kumar Parasuraman, Krishnan Nallaperumal, Srinivasababu P, Balaji Ganesh R "Linear Analysis of Indian Traffic Situations using Blob Tracking from Video Sequences" 2011 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), ISBN: 978-1-61284-766- 5 /11/\$26.0 ©2011, IEEE, pp. 1132 - 1138.	2011
[33].	Srinivasa Babu Purusothaman, Krishnan Nallaperumal, Kumar Parasuraman, Arun P S "Edge Based Traffic Density Detection for video Surveillance System" 2011 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), ISBN: 978-1-61284-766-5 /11/\$26.0©2011, IEEE, pp.1128-1131.	2011
[34].	Kumar Parasuraman and P.I.Reji, "A Morphological-Based License Plate Localization in Complex Scene", 2010 International Conference on Emerging Trends in Mathematics and Computer Applications (ICETMCA), ISBN: 978-81-8424-649-0, pp:594-597.	2010
[35].	Kumar Parasuraman, Subin P S, "SVM Based License Plate Recognition System" 2010 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), ISBN: 97881-8371-362-7.	2010
[36].	Kumar Parasuraman, P. Vasantha Kumar, "An Efficient Method for Indian Vehicle License Plate Extraction and Character Segmentation" 2010 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), ISBN : 97881 8371 3627.	2010
[37].	C. Nelson Kennady Babu, T Siva Subramanian, Parasuraman Kumar "A Feature Based Approach for License Plate Recognition of Indian Number Plates" 2010 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), ISBN:978-1-4244-5967-4. https://doi.org/10.1109/ICCIC.2010.5705907 (Scopus Indexed)	2010
[38].	S. Saudia; Justin Varghese; Krishnan Nallaperumal; S. Allwin; Santhosh P Mathew; P. Kumar "An Efficient Quad-tree based Impulse Detection and Rank-ordered Regularization for the Restoration of Highly Impulse corrupted Images" 2009 IEEE International Advance Computing Conference on Advance Computing Conference (IACC), ISBN:978-1-4244-2927-1 https://doi.org/10.1109/IADCC.2009.4809038 (Scopus Indexed)	2009
[39].	S. Saudia, Justin Varghese, Krishnan Nallaperumal, S. Allwin, S.Annam and P. Kumar "Quad-tree based impulse detection and rank-ordered regularization for the restoration of impulse corrupted digital images" 2008 IEEE International Conference on Computing, Communication and Networking (ICCCN 2008) ISBN:978-1-4244-3594-4 (Scopus Indexed) https://doi.org/10.1109/ICCCNET.2008.4787723	2008
[40].	Krishnan Nallaperumal, Justin Varghese, S.Saudia, IEEE, S.Annam, P.Kumar "Iterative Adaptive Switching Median Filter" 2006 IEEE Conference on Industrial Electronics and Applications, ISBN:0-7803-9513-1. https://doi.org/10.1109/ICIEA.2006.257367 (Scopus Indexed)	2006
[41].	Krishnan Nallaperumal, K.Krishnaveni, Justin Varghese, S.Saudia, S.Annam, P.Kumar, "An Efficient Multiscale Morphological Watershed Segmentation using Gradient and Marker Extraction" 2006 Annual IEEE India Conference (INDICON), ISBN: 1424403707, 978-142440370-7. https://doi.org/10.1109/indcon.2006.302854 (Scopus Indexed)	2006

SINo	Title	Year
[42].	Krishnan Nallaperumal, Justin Varghese, S. Saudia, K. Krishnaveni, Santhosh P. Mathew, P. Kumar "An efficient Switching Median Filter for Salt & Pepper Impulse Noise Reduction", 2006 IEEE International Conference on Digital Information Management, ISBN:1-4244-0682-X, pp. 161-166. https://doi.org/10.1109/ICDIM.2007.369347 (Scopus Indexed)	2006

18. Technical Session Chairs

SI No	Particulars	Year
1.	Served as Session Chair - IEEE second IEEE and ACM collaborative International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE'24 organized by School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore - 632014 during 22.02.2024 & 23.02.2024	2024
2.	Served as Session Chair for the IEEE 2020 International Conference on Emerging Trends in Information Technology and Engineering (ic-ETITE) held on 24 - 25 February 2020 organized by School of Information Technology and Engineering, Vellore Institute of Technology, Vellore	2020
3.	Served as Session Chair for the ICCS-2019 International Conference on Computational Science held on March 23rd & 24th October 2019 at Department of Computer Science, Alagappa University, Karaikudi, Ir. dt. 15.10.2019.	2019
4.	Served as Session Chair for the ICAEES-2014 is the Springer International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems held on 22-23 April 2014 organized by the Department of Electrical and Electronics Engineering, Noorul Islam University, Kumarakovil, Thuckalay - 629 180, Kanyakumari District, Tamilnadu, India.	2014
5.	Served as Session Chair for the ICECCE-2014 is the IEEE First International Conference on International Conference on "Electronics, Communication and Computational Engineering" held on 17-18 November 2014 organized by the Adiyamaan College of Engineering (Autonomous), Department of Computer Science and Engineering, Dr. M.G.R Nagar, Hosur - 635 109, Tamilnadu, India.	2014
6.	Served as Session Chair for the ICCCT '13 Second INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION TECHNOLOGY held on March 1 st and 2 nd March 2013 at Immanuel Arasar JJ College of Engineering Edavilagam, Nattalam, Marthandam-629195, India.	2013
7.	Served as Session Chair for the ICE-CCN 2013 is the IEEE First International Conference in Emerging Trends in computing, communication and Nanotechnology held on 25-26 March 2013 organized by the Department of Electronics and communication Engineering, Infant Jesus college of Engineering and Technology, Tuticorin, Tamilnadu, India.	2013

19. Conference Proceedings Reviewer

SNo	Particulars	Year
1.	Served as Technical Reviewer - IEEE second IEEE and ACM collaborative International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE'24 organized by School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore - 632014 during 22.02.2024 & 23.02.2024	2024
2.	Served as one of the Technical Reviewer of the Sprinter International Conference on Artificial Intelligence and Evolutionary Algorithms in Engineering Systems - 2014 organized by Department of Electrical and Electronics Engineering held on 22 nd and 23 rd April 2014 at Noorul Islam Centre for Higher Education, Noorul Islam University, Kumaracoil, Kanyakumari District, Tamilnadu.	2014
3.	Served as Research paper reviewer in a two-day National Conference on Mining, InterNetworking and Data Security - MINDS 2014 held on 27 th & 28 th of March 2014 at Department of Computer Science and Engineering, Alagappa University, Karaikudi.	2014

20. Invited Talks / Resource person

SNo	Particulars	Year
1.	Served as a Resource Person in the one-day Awareness programme on insights on MOOCs & Honor to the NPTEL Achievers, Sadakathullah Appa College (Autonomous), Tirunelveli held on 08.08.2024	2024
2.	Resource Person in the Two-Days International Conference on Emerging Trends in Intelligent Computing (ICoETIC-2023), jointly organized by Department of Computer Science, Computer Applications & Information Technology, JP College of Arts & Science, Ayikudy, Tenkasi District Tamilnadu during 18.08.2023 & 19.08.2023.	2023
3.	Served as a resource person on the topic " Stay Safe at Cyberspace - Cyber Security Empowerment" at JP College of Arts & Science Ayikudy, Tenkasi District, Tamilnadu, India	2021
4.	Served as Resource person in the National Webinar Academic Eminent Streams on the on topic "E-Waste: Indian Perspective" in "50 Days National Webinar Marathon organized by Department of Computer Applications Dwaraka Doss Goverdhan Doss Vishnav College (Autonomous) (Linguistic Minority Institution, College with Potential for Excellence) No:833, Gokul Bagh, E.V.R. Periyar Salai, Arumbakkam, Chennai - 600106, India held on 10.11.2021.	2021
5.	Served as a resource person for UGC-NET/JRF Exam at Department of Physical Education and Sports, Manonmaniam Sundaranar University on 21.11.2019.	2019
6.	Served as a resource person on the topic "The Information Technology Innovations towards Next Generation as Social Developments" at Varuvan Vadivelan Institute of Technology, Dharmapuri Ir. dt. 16.04.2018	2018

7.	Served as resource person for UGC-NET/JRF Exam paper I & II classes held on 10.01.2017 at Department of Physical Education and Sports, Manonmaniam Sundaranar University, Tirunelveli	2017
8.	Served as a resource person for UGC-NET/JRF Paper I - Coaching at Department of Physical Education and Sports, Manonmaniam Sundaranar University, Tirunelveli on 25-10-2017.	2017
9.	Served as a resource person for UGC-NET/JRF Paper I - Coaching at Department of Physical Education and Sports, Manonmaniam Sundaranar University, Tirunelveli on 10.01.2017.	2017
10.	Delivered an invited lecture "Research Methodology for Engineers and Scientists" in the IEEE First International Conference on International Conference on "Electronics, Communication and Computational Engineering" held on 18 November 2014 organized by the Adiyamaan College of Engineering (Autonomous), Department of Computer Science and Engineering, Dr. M.G.R Nagar, Hosur - 635 109, Tamilnadu, India.	2014
11.	Served as a resource person for UGC-NET/JRF Exam at Department of Physical Education and Sports, Manonmaniam Sundaranar University on 10.12.2012.	2012
12.	Delivered an invited lecture and attended first technical presentation on "GLIZZ 'TEN" at Department of Computer Science and Engineering, Infant Jesus College of Engineering and Technology, Tuticorin, Tamilnadu, INDIA during 23 rd October 2010.	2010
13.	Served as a resource person during the one-week training programme on Computer & Internet Fundamentals of Office Automation to the Judicial Officers of Tirunelveli, Kanyakumari and Thoothukudi Districts jointly conducted by Centre for Information Technology and Engineering and Department of Computer Science and Engineering, Manonmaiam Sundaranar University held from 28.06.2006 to 03.07.2006.	2006
14.	Served as a resource person during the two weeks Training programme on Computer Operation to the Administrative Officers & Staff of Manonmaiam Sundaranar University for speedy and error free disposal of files jointly conducted by Centre for Information Technology and Engineering and Department of Computer Science and Engineering, Manonmaiam Sundaranar University held from 07.04.2006 to 28.04.2006 & 06.06.2006 to 26.06.2006.	2006
15.	Served as a resource person during the one week training course on Computer & Internet Fundamentals and Office Automation to the officers of Local Fund Audit Department in the Four Districts of Virudhunagar, Tirunelveli, Thoothukudi and Kanyakumari conducted by Centre for Information Technology and Engineering, Manonmaiam Sundaranar University held from 13.6.2005 to 17.6.2005.	2005

21. Papers presented in Conferences, Seminars, Workshops, Symposia:

SlNo.	Particulars	National / International	Year
1.	Presented a paper entitled "Block Chain and Machine Learning Approaches for Credit Card Fraud Detection" in the IEEE Fifth International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) organized by Francis Xavier Engineering College, Tirunelveli, Tamilnadu, India held on 23.01.2023.	International	2023
2.	Presented a paper entitled "Dynamic Detection of False Data Injection Attack in Microgrid using Kalman Filter and Convolution Neural Network" in the International Conference on Recent Trends in Stochastic Modelling and Its Applications (ICRTSMA-2022) held in the Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 24.06.2022	International	2022
3.	Presented a paper entitled "Machine Learning in Cyber Security: Current Solutions and Future Challenges" in the International Conference on Recent Trends in Stochastic Modelling and Its Applications (ICRTSMA-2022) held in the Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India held on 25.06.2022 during 15.12.2022 & 16.12.2022	International	2022
4.	Presented a paper entitled "Detection of Electricity Theft using a Deep Learning-based Bayesian optimization algorithm and LSTM" in the IEEE Third International Conference on Communicating, Computing and Industry 4.0 (C214) - 2022 organized by CMR Institute of Technology, Bengaluru, India	International	2022
5.	A. Anbarasa Kumar, Kumar Parasuraman "Cyber Security and its Importance" International Workshop on Recent Trends in Stochastic Modeling and Its Applications (IWRTSMA 2019) Organized by Department of Statistics, M S University, Tirunelveli-12.	National	2019
6.	Presented a paper on "Graphical Representation of Voltage and Current Measurements in Series or Parallel RLC Resonant Cirucuits" in in 2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS'17) at Kalasalingam University, Krishnankoil, Tamilnadu, India, during 23 rd - 25 th March 2017.	International	2017
7.	Presented a paper on "A Novel Approach for Automatic Detection of Non-Small Cell Lung Carcinoma in CT Images" in in the IEEE International Conference on Control Instrumentation Communication and Computational Technologies, at Department of Electronics & Instrumentation Engineering Noorul Islam University, Kumaracoil, Thuckalay, Kanyakumari District, TN, India, during 16 th and 17 th December 2016	International	2016

8.	Presented a paper on "Secured Document Management through a Third-Party Auditor Scheme in Cloud Computing" in in 2014 IEEE - International Conference on Electronics, Communication and Computational Engineering (ICECCE) at Department of Computer Science and Engineering Adhiyamaan College of Engineering Hosur, India, during 17 & 18 November 2014.	International	2014
9.	Presented a paper on "Reversible Image watermarking using Interpolation Technique" in in 2014 IEEE - International Conference on Electronics, Communication and Computational Engineering (ICECCE) at Department of Computer Science and Engineering Adhiyamaan College of Engineering Hosur, India, during 17 & 18 November 2014	International	2014
10.	Presented a paper on "Automated Detection of Diseases by Nicking Quantification in Retinal Images" in in 2014 IEEE - International Conference on Electronics, Communication and Computational Engineering (ICECCE) at Department of Computer Science and Engineering Adhiyamaan College of Engineering Hosur, India, during 17 & 18 November 2014	International	2014
11.	Presented a paper on "Automatic License Plate Localization based on Feature Saliency for Video Images" in 2011 IEEE International Conference on Computational Intelligence and Computing Research at Cape Institute of Technology, Levengipuram, Kanyakumari - 627 114 during December 15-18 2011.	International	2011
12.	Presented a paper on "License Plate Location Method Based on Wavelet Transform and Character Segmentation through IDL" in in 2011 IEEE International Conference on Computational Intelligence and Computing Research at Cape Institute of Technology, Levengipuram, Kanyakumari - 627 114 during December 15-18 2011.	International	2011
13.	Presented a paper on "An Efficient method for Indian License Plate Character Recognition System" in in 2011 IEEE International Conference on Computational Intelligence and Computing Research at Cape Institute of Technology, Levengipuram, Kanyakumari - 627 114 during December 15-18 2011	International	2011
14.	Presented a paper on "SVM Based License Plate Recognition System", in 2010 IEEE International Conference on Computational Intelligence and Computing Research, Tamilnadu College of Engineering, Coimbatore, India, During December 28-29, 2010	International	2010
15.	Presented a paper on "An Efficient Method for Indian Vehicle License Plate Extraction and Character Segmentation" in 2010 IEEE International Conference on Computational Intelligence and Computing Research, Tamilnadu College of Engineering, Coimbatore, India, During December 28-29, 2010	International	2010

22. Books / E-Contents Developed / Published

SNo	Title	Books/ E-Content
1.	Computer Fundamentals and Office Automation	E-Content
2.	RDBMS Concepts and Oracle	E-Content
3.	E-Commerce Concepts and Application Design	E-Content
4.	IT and Cyber Laws	E-Content
5.	Oracle Database Administration	E-Content
6.	Advanced Visual Basic Lab	E-Content
7.	E-Commerce Concepts and Application Design Lab Exercises	E-Content
8.	Computer Fundamentals and Office Automation-Lab Exercise sand Solutions	E-Content
9.	Operating Systems with Windows NT Lab Exercises and Solutions	E-Content
10.	Automatic License Plate Recognition System for Indian Condition (ISBN No. 978-3-330-06192-7), LAP LAMBERT Academic Publishing, Deutschland, Germany (2017)	Book
11.	Fundamentals of Cyber Security (ISBN No. 978-93-6348-609-6) Leilani Katie Publication and PRESS (2024)	Book

23. Patent filed /awarded

S,No	Patent No	Title of the Patent
1.	DE202022103985U1	International Patent published, Name of the Patent published/awarded : Agarwal Pankaj, Uttar Pradesh, Ghaziabad, IN; Anbarasan, Anbarasa Kumar, Tamil Nadu, Cuddalore, IN; Boddu Rajasekhar, Andhra Pradesh, Guntur, IN; Haldorai Anandakumar, Tamil Nadu, Coimbatore, IN; Jose Deepa, Tamil Nadu, Chennai, IN; Kumar Parasuraman, Tamil Nadu, Tirunelveli, IN; Murthy Mantripragada Yaswanth Bhanu, Andhra Pradesh, Guntur, IN; Ngulube Peter, Blantyre, MW; Singh Harsh Vikram, Uttar Pradesh, Sultanpur, IN; Sonker Abhilash, Madhya Pradesh, Gwalior, IN Title of the Invention: "Mobile Medical System and Method based on Blockchain and 5G Communication" (Awarding Agency: German Government), Patent published on 17.11.2022
2.	202241066764A	National Patent published, Name of the Patent published/awarded: Dr. D. Sherlin, Mrs. S. Ponnammal, Dr. E. Edwin Lawrence, Dr. S. Meenakshi, Ms. V. Prema, Dr. P. Kumar, Dr. M. Sivasubramanian, Ms.S.Lalitha, Dr. S. Kother Mohideen Title of the Invention: "Motion Detection and Recognition System using Deep Learning & Digital Image Processing" (Awarding Agency: Indian Government) Patent published on 25/11/2022

24. Member - Editorial Board/Panel of Reviewer

SINo	Name of the Journal
1.	International Journal of Environment and Climate Change, ISSN: 2581-8627.
2.	International Journal of Cybernetics and Systems (Taylor & Francis), ISSN: 0196-9722
3.	Journal of Experimental & Theoretical Artificial Intelligence, ISSN: 0952-813X
4.	International Journal of Plant & Soil Science, ISSN: 2320-7035
5.	Plant Cell Biotechnology and Molecular Biology, ISSN: 0972-2025
6.	Ophthalmology Research: An International Journal, ISSN: 2321-7227
7.	IEEE Transactions on Intelligent Transportation Systems, ISSN: 1558-0016
8.	PloS one; ISSN: 1932-6203

25. Subjects Taught/Teaching

SINo	Title of the Paper
1.	Engineering Research Methodology
2.	Research Methodology for Scientists and Engineers
3.	Foundations of Information Technology
4.	Data and Computer Communication
5.	Essential of Computer Networks
6.	Advanced Digital Image Processing
7.	Modern Operating Systems
8.	Advance Database Management Systems
9.	Current Trends, Developments, Research and Open issues in IT
10.	Mobile and Cellular Computing
11.	Software Project Management
12.	Management Information Systems
13.	Forms of Cyber Crimes
14.	Computing for Data Analytics
15.	Introduction to Networking
16.	Cyber Frauds in the BSFI Sector
17.	Fundamental of Research Methods and Statistical Applications
18.	Foundations of Information Security
19.	Cyber Security and Privacy
20.	Social Networks
21.	Artificial Intelligence
22.	Privacy and Security in social media
23.	Web Technology
24.	Introduction to Industry 4.0 and Industrial Internet of Things

26. Projects guided at Post Graduate Level (2009-2024)

SINo	Course	No. of Students
1.	M.Tech. - Computer and Information Technology	75
2.	M.Tech. (Integrated)- Information and Communication Technologies	24
3.	M.Phil. Information Technology	42
4.	M.Sc. Information Technology	24
5.	M.Sc. Cyber Security	22
6.	M.Sc. Data Analytics	15

27. Courses Taught / Teaching:

SINo	Name of the Programme	Level
1.	M.Tech. - Computer and Information Technology	PG
2.	M.Tech. (Integrated)- Information and Communication Technologies	PG
3.	M.Phil. Information Technology	PG
4.	M.Sc. Information Technology	PG
5.	M.Sc. Cyber Security	PG
6.	M.Sc. Data Analytics	PG



Dr. P. Kumar
Associate Professor

Date : 06-11-2024

Place: Tirunelveli