SRM Valliammai Engineering College

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Department of CSE

Personal Details

Name :	Dr. G. Kumaresan
Designation :	Assistant Professor (Sel.G)
Educational Qualification :	B.E., M.E., M.B.A., Ph.D.,
Experience:	21 years
Area of Specialization :	Computer Science and Engineering
Date of Joining :	17/06/2005
Email ID :	kumaresang.cse@valliammai.co.in
Contact Numbers :	8122647155, 044-27454784 **Extn:8131**

Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1.	B.E.	CSE	Kumaraguru College of Technology	2000
2.	M.E.	CSE	Annamalai University	2004
3.	M.B.A	E-BUSSINESS	Annamalai University	2006
4.	Ph.D.	CSE	AISECT University	2017

Professional Society Memberships

1. Indian society for Technical Education(ISTE): Life memberLM101475
2. Indian Science Congress (ISC): Life MemberL26507
3. Computer Society of India (CSI): Life Member 2010000430
4. International Association of Engineering and Technology for Skill Development (IAETSD): Life Member IAETSD1400987
5. International Association of Engineers (IAENG): Life Member151899
6. International Association of Computer Science and Information Technology (IACSIT): Life Member

Publication Details

Journals:

1	A Samydurai, G Kumaresan, Abel Rathan Jacob, Balaj S and BalaMurugan.V, "Automated Alert Response And Monitoring System Using Smart City Principles", Turkish Online Journal of Qualitative Inquiry (TOJQI), Volume 12, Issue 6, 7925-7934, July 2021
2	Kumaresan .G, Sharath A, Sheshanth.B.P, Somesh.A, "2D Multiplayer Game Development Using Unity", International Journal of Advance Research and Innovative Ideas in Education Vol-6 Issue-2, ISSN(O)-2395-4396 Feb 2020

3	G.Kumaresan, B.NareshKumar, N.R NaveenKumar and G.NithyaLakshmi,"Third-Eye-Enhancement women safety using unmanned Aerial vehicle", International Journal of Innovative Research in computer and communication engineering, VOL.7, ISSUE23, ISSN:2320-9801 Feb 2019
4	S. Dhivya and G. Kumaresan, "A Distinct Algorithmic Approach in the Field of Health Care", International Journal for Research Trends and Innovations, ISSN 2456-3315, Vol2, Issue2, Feb2017
5	Mr. A. Arun and Mr. G. Kumaresan," Effective Implementation of Data Segregation & Extraction Using Big Data in E-Health Insurance as a Service", International Journal for Research Trends and Innovation, Vol: 2, Issue 2, ISSN: 2456-3351, Feb 2017
6	G. Kumaresan, T. AdilineMacriga and S. Veenadhari, "Vehicle Direction Based Routing for VANET", peer reviewed and referred International journal, Middle-East Journal of Scientific Research, ISSN 1990-9233, IDOSI Publications, 2016, (ANNEXURE-II, Anna University)
7	G. Kumaresan and J. Gokulnath, "Beacon Based Vehicle Tracking and Monitoring System", International Journal of Advanced Research in Computer and Communication Engineering, Vl5 Issue3, ISSN 2278-1021, March 2016
8	G. Kumaresan and T. AdilineMacriga," Group Key Authentication scheme for VanetINtrusion detection (GKAVIN)", peer reviewed and referred Wireless Networks- The Journal of Mobile Communication, Computation and Information, January 2016, DOI 10.1007/s11276-016-1197-z, ISSN 1022-0038 (ANNEXURE-I, Anna University)
9	G. Kumaresan and T. AdilineMacriga, Signature Based Scheme for Secure and Efficient Data Dissemination in Cluster-Based VANET, Australian Journal of Basic and Applied Sciences, Volume 9, Issue 23, July 2015, Pages: 585-595, ISSN 1991-8178 (ANNEXURE-II, Anna University)
10	A Samydurai, C Vijayakumaran, G Kumaresan and B Muthusenthil, Big Data Analytics for Concurrent Data Processing, International Journal of Computer Applications 120(3):36-41, June 2015.
11	G. Kumaresan, S. U. Abinandhanan and P. Jai Ganesh, File Security using Principle Component Analysis Induced Facial Recognition, International Journal of Engineering Development and Research, Volume 3, Issue 2, April 2015, ISSN 2321-9939
12	A. Samydurai, C. Vijayakumaran, G. Kumaresan and K. Revathi,Towards a Middleware for Resource Sharing in Collaboration of Pervasive Computing, ELSEVIER, Volume 50, 2015, Pages 8792
13	G. Kumaresan, C. Vijayakumaran and S. Mohamed Saleem, Product Feature Identification and Optimization Using Probabilistic Ranking, International Journal of Applied Engineering Research, Volume 10, Number 17, March 2015, ISSN 0973-4562 (ANNEXURE-II, Anna University)
14	G. Kumaresan and T. AdilineMacriga,Cluster Based Architecture For Emergency Message Dissemination And Collision Avoidance In VANET, International Journal of Applied Engineering Research, Volume 9, Number 23, November 2014, pp. 22203-22220, ISSN 0973-4562 (ANNEXURE-II, Anna University)
15	G. Kumaresan, A. Kanimozhi and R. Rajeshkumar,SMAP: Secure Message Authentication Protocol and Delay Reduction in VANET, International Journal of Multidisciplinary Educational Research, Vol-3, Issue-3(2), March 2014, pp265-276, ISSN 2277-7881
16	G. Kumaresan, R. Rajeshkumar and A. Kanimozhi, STFE: Speed Based Approach for Traffic Flow Estimation in VANET, International Journal of Engineering Research & Technology, Vol. 3 Issue 2, February 2014, ISSN: 2278-0181

17	G. Kumaresan, C. Vijayakumaran and R. Rajeshkumar, Real-Time Image Processing Based Intellegent Traffic Management System, International Journal of Trends in Computer Science, Volume 2, Issue 11, 2013, ISSN: 7462 8452

	Conferences:
1	A. Samydurai, C. Vijayakumaran, G. Kumaresan and K. Revathi,Towards a Middleware for Resource Sharing in Collaboration of Pervasive Computing, 2nd International Symposium on Big Data and Cloud Computing (ISBCC15), VIT University, Chennai, March 2015
2	G. Kumaresan, C. Vijayakumaran and S. Mohamed Saleem, Product Feature Identification and Optimization Using Probabilistic Ranking, 4th National Conference On Networking, Imaging and Green Computing AGNICON 2015, Chennai, March 2015
3	G. Kumaresan, C. Vijayakumaran and R. Rajeshkumar, Real-Time Image Processing Based Intellegent Traffic Management System, International Conference on System Modeling and Advancement in Research Trends(SMART), TeerthankerMahaveer University, Moradabad, November 2013
4	G. Kumaresan and R. Rajeshkumar,TIDE: TIme based approach for Density Estimation in VANET, IEEE Bombay Sponsored International Conference for convergence of Technology I2CT-2014, Sharad chandra Pawar College of Engineering, Pune, April 2014
5	G. Kumaresan, R. Rajeshkumar and A. Kanimozhi, A Survey Of Security In VANETs, National Conference On Emerging Trends And Technology in Computer Science 2014 (NCETTCS2014),SAACE, Chennai, March 2014
6	G. Kumaresan, S. Asha and M. AmbikaEaswari,Video Transport over VANET using Advanced Grey Relational Analysis(AGRA), IEEE Madras Sponsored National Conference on Advances in Information and Communication Technology (AICT2014), SVCE, Chennai, February 2014
7	G. Kumaresan, O. Arun Kumar and Dasara Raju Hema,Urban Video Streaming Over Vehicular Adhoc Networks, IEEE Madras Sponsored National Conference on Advances in Information and Communication Technology (AICT2014), SVCE, Chennai, February 2014
8	G. Kumaresan and C. Vijayakumaran , Data Mining on Remotely Sensed Imagery Data, National Conference On Emerging Trends And Technology in Computing Technology (NCETCT2009), SAACE, Chennai, March 2009

Certifications Completed

NPTEL Online Certification on Effective Engineering Teaching In Practice

NITTT Online Certificate on Orientation Towards Technical Education and Curriculum Aspects (2020)

NITTT Online Certificate on Professional Ethics Sustainability (2020)

NPTEL Online Certification on Body Language: Key to Professional Success (2019)

NPTEL Online Certification on Stress Management (2018)

NPTEL Online Certification on Cloud computing (2017)

NPTEL Online Certification on Gender justice and workplace security (2017)

NPTEL Online Certification on Introduction to Cryptology (2016)

NPTEL Online Certification on An introduction to Haskell Programming (2016)

NPTEL Online Certification on Digital Circuits and Systems (2015)

Events Organized
Organized a Guest Lecture on Achieve Your Dream Through Higher Education in Abroad in October 2020
Organized an International Seminar on Data Pipeline for reporting in October 2020
Organized an International Webinar on Building your Career in Technology in October 2020
Organized an International Webinar on Steps to Land in Your Dream Job in September 2020
Organized a Webinar on Into the World of Deep Learning in September 2020
Organized Guest Lecture on Different Roles in Data Science Industry in September 2020
Organized Digital Alumni Reunion for CSE Students on 11th July 2020
Organized a National Level Symposium on February 2020
Organized Mini Project Expo 2018 on 19.09.2018
Organized National Seminar on "Recent Trends in Soft Computing" on 24th March 2018.
Coordinated National Workshop on "Impact of Internet of Things on Big Data" from 5th to 7th April 2017 funded by Council of Scientific and Industrial Research (CSIR), New Delhi and Computer Society of India.
Coordinated Entrepreneur Awareness Camp from 3rd to 5th March 2016 funded by Entrepreneurship Development Institute of India, Ahmeddabad.
Organized a Seminar on Simulation Tools in Cloud Computing on 16th July 2015

Responsibilities
Anti-Ragging Committee Member: Monitor the movements of the students in the campus to Identify and prevent the menace of Ragging and to curb alcoholism among students. (from 2009 to till date)
Department Library In charge: Maintaining department libraryfrom 2007 to 2014.
Lab Coordinator: Plan, organize, and supervise labs in the department from 2014 to till Date
NPTEL Coordinator from 2016 to till date
Project Coordinator (UG & PG): Students academic projects selection and evaluation and conducting periodic project reviews.
Academic Coordinator: Frame course materials, lab manuals, question papers, analyze daily & monthly attendance reports of students, periodical test reports and evaluate the student's performance, etc.,
Student Counselor: Organize career guidance programs to students. Resolve their problems, motivate and inculcate positive attitudes
SPOC: Coordinating and Supporting to Conduct Online Classes and Online End Semester Examinations

Awards

Obtained 100 % result in Object Oriented Programming in the Academic year 2020-2021

Obtained 100 % result in Data Structures and Algorithms in the Academic year 2020-2021

Obtained 100 % result in Computer Architecture and Organization in the Academic year 2019-2020

Obtained 100 % result in User Interface Design and Got Cash Award for the same in the year 2015

Obtained 100% result in Environmental Science and Engineering and Got Cash Award for the same in the year 2015-2016

Obtained 92 % and 93 % results for Section-1 & 2 respectively in Total Quality Management and Got Achievement of Good Pass Percentage Award for the same in the year 2011