

Mr.KR.SENTHIL MURUGAN. B.E.,M.E.,M.B.A.,(Ph.D)

Assistant Professor II

Emp Code : CSE2265

Computer Science and Engineering

Velammal College of Engineering and Technology, Madurai

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Educational Qualification:

Degree obtained	Branch / Specialization	University / Institute	Year of Passing
Ph.D	Computer Science and Engineering	Amrita University, Coimbatore	Pursuing
M.E	Computer Science and Engineering	Anna University, Chennai / Sudharsan Engineering College	2012
M.B.A	Project Management	Alagappa University, Karaikudi	2010
B.E	Computer Science and Engineering	Anna University, Chennai / Shanmuganathan Engineering College	2008

Experience in Years: 11 years and 08 months

Employment History:

Position held	Employer	Date/s (From-To)
Assistant Professor II Department of Computer Science and Engineering	Velammal College of Engineering and Technology, Madurai	10-06-2022 to till now
Assistant Professor Department of Computer Science and Engineering	Sri Krishna College of Engineering and Technology, Coimbatore.	02-05-2017 to 08-06-2022
Assistant Professor Department of Computer Science and Engineering	Shanmuganathan Engineering College, Pudukottai.	13-05-2013 to 25-11-2016
Assistant Professor Department of Computer Science and Engineering	Sri Raaja Raajan College of Engineering and Technology, Karaikudi.	10-05-2012 to 10-06-2013
Lecturer Department of Computer Technology	Vivekananda College, Kummarkudi	25-07-2008 to 30-04-2010

Membership of Professional Bodies

S.No.	Organization	Type of Membership
1	Indian Society for Technical Education (MISTE) India	Life Time
2	International Association of Computer Science and Information Technology (IACSIT) Singapore.	Life Time
3	International Computer Science and Engineering Society, USA	Life Time
4	International Association of Online Engineering(IAOE)	Life Time
5	Internet Society (IS)	Life Time
6	Institute For Engineering Research and Publication (IFERP),India	Professional
7	International Association of Engineers (IAENG), Canada	Professional

Research Publications

International / Scopus Indexed Refereed Journals:

1. KR Senthil Murugan, G Kishore, S Mohammed Inam, K Karthikeyan, Hyperspectral Image Classification Using Ensemble Transfer Learning, Journal of Physics: Conference Series, **2021**, Volume-1916,Page: 012082.
2. KR Senthil Murugan, R Roshni, Intelligent Accident Prevention and Detection for Four-Wheeler, **2021** 6th International Conference on Communication and Electronics Systems (ICCES), Pages1590-1593.
3. KR Senthil Murugan, G Kavinraj, K Mohanaprasanth, Krishnan B Ragul, Real-Time Social Distance maintaining using Image Processing and Deep Learning, Journal of Physics: Conference Series, **2021**, Volume-1916,Pages: 012190.
4. KR. Senthil Murugan, R. Raghulkrishnaa, D. Sri vaishnavi, R. Nivetha , Shreya Suresh, Smart Security Device for Women using IoT, International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-8 Issue-6, March **2020**.

5. KR. Senthil Murugan , S. Nagajothi, C. Somasundaram, R. Sabareesan, K. Selvakumar, Cost Snipper – Predicting Prices of Online Shopping Items based on Preceding Data, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-6, March **2020**
6. KR.Senthil Murugan, S.Suresh Kumar, M.Nithya, Smart Accident Detection and Alert System, Journal of Emerging Technologies and Innovative Research, Volume 6 and Issue 3,**2019**,Page:456-459,ISSN: 2349-5162.
7. KR.Senthil Murugan,G.K.Vaidhya, S.Suresh Kumar, V.Karpagam, Event Managing Application Using RESTful Web Services with Spring MVC Framework, Journal of Advanced Research in Dynamical and Control Systems, Volume 10 and Special Issue 12,**2018**,Page: 1189-1193,ISSN: 1943-023X.
8. D.Srivaishnavi S.SureshKumar, KR.Senthil Murugan, J.Ramya, E-Mushroom Farmer Society using Android Application, Journal of Advanced Research in Dynamical and Control Systems, Volume 10 and Special Issue 12,**2018**, Page 1105-1109,ISSN: 1943-023X.
9. KR.Senthil Murugan, V.Karpagam, Multi Failure Analysis in Parallel Processing using Gift Tool, International Journal for Science and Advance Research in Technology, Volume 3 and Issue 7, Page 10-15, **2017**, ISSN:2395-1052.
10. KR.Senthil Murugan ,V.Karpagam , An Improved Genetic Algorithm Optimization of Multi Objective Criteria in Hybrid Flow Shop Scheduling, International Journal for Technological Research in Engineering, Volume 4 and Issue 10, Page 2132-2134,**2017**,ISSN: 2347-4718.
11. KR.Senthil Murugan, G.K.Vaidhya Reckoning of Interrogation Treating In Scattered Statistics Site, International Journals for Technology, Volume 1 and Issue 2, Page 19-23,**2016**,ISSN: 2086-9614.
12. A.Arockia Jenitta, KR.Senthil Murugan,Variations Analysis in Face Biometric system in Realtime Atmosphere, International Computer Science Research Consortium, Volume 3 and Issue 4, **2015**, Page,23-29,ISSN:2321-872X.

International Conferences:

1. KR.Senthil Murugan, Computation of Query Processing in Distributed Data Sites, ICACT, 2012, Namakkal.
2. KR.Senthil Murugan, Advanced Smart Crawler: A Dual Stage Crawler for Harvesting Deep Web Interfaces, ICRAITSE,2017,Thoothukudi

3. KR.Senthil Murugan, An Efficient Surveillance System to Detect and Prevent Intrusion in Forest Borders,ICSSS,2018,Chennai
4. KR.Senthil Murugan, A Systems for Faster Data Retrieval using Big Data Analytics, ICRAET, 2019, Coimbatore
5. KR.Senthil Murugan, IOT based Smart Monitoring Wheel Chair for the Disabled and the elderly, ICRAET, 2019,Coimbatore
6. KR.Senthil Murugan, Distributed Database for Academic Enquiry chatbot using natural language processing, ICRAET,2019, Coimbatore

Book Publication:

Title of “ Query Processing in Distributed Data Sites”, Authors - KR.Senthil Murugan, S.Suresh Kumar, ISBN:978-613-9-47183-6, Lambert Academic Publishing, April-2019.

AICTE Training And Learning (ATAL) :

1. One week FDP on "Computer Science & Biology" from 2021-3-22 to 2021-3-26 at Sri Manakula Vinayagar Engineering College
2. One week Online Elementary FDP on "Deep Learning and Computer Vision" from 2021-06-07 to 2021-06-11 at KAMLA NEHRU INSTITUTE OF TECHNOLOGY.
3. One week FDP on "Medical Image Processing and 3D Applications" from 2021-07-05 to 2021-07-09 at University College of Engineering.
4. One week FDP on "Deep Learning for Visual Computing" from 2021-7-12 to 2021-7-16 at Sri Krishna College of Engineering and Technology.
5. One week FDP on "Block chain" from 2020-8-31 to 2020-9-4 at Mahendra Engineering College.

Digital Teaching Techniques Certification

Completed one week course on “Digital Teaching Techniques” organized by ICT Academy from 23 November 2021 to 27 November 2021.

Short-Term Courses/Conferences/Seminars/Workshops Attended

1. Attended a National Level Faculty Development Programme on LaTeX in association with IIT, Bombay held from 04-08-May-2020.
2. Attended a webinar on “Introduction to cloud computing “organized by AWS Educate on 16.04.2020.
3. Attended a NITTTR organized Faculty Development Programme on “Internet of Things” held from 15-19-April-2020.
4. Attended an AICTE recognized Faculty Development Programme on “Linux Applications in Engineering Education” held from 15-19-April-2020.
5. Attended a certification course on Android Apps Development conducted by Aptronix Technologies held from 04.05.2020 to 10.05.2020.
6. Attended one week Faculty Development Programme on “Emerging Trends in Computer Science-An Industrial Approach” held from 24-28 June 2020.
7. Participated a webinar conducted by ICT Academy on the topic Future of AI inspired by Customer Use Cases for AI-ML on 09.04.2020.
8. Attended two weeks Faculty Development Programme on “Deep Learning and Computational Intelligence in Bio Informatics”, AICTE workshop, 2019.
9. Attended a one week workshop on “ Effective Curriculum Implementation” ,2016 organized by NITTT-R, Chandigarh at SEC.

10. Attended a Two weeks workshop on “Introduction to Design of Algorithms”, 2015 organized by IIT, Mumbai.
11. Attended a Two week workshop on “Database Management Systems”, 2013 organized by IIT, Mumbai.
12. Attended a Two days Faculty Development Program on “FSIT- Principles of Project Management” , 2013 organized by ICTACT in association with NASSCOM.