Curriculum Vitae

Dr.S.KIRUBAKARAN

E-Mail ID:
drskirubakaran@cmrcet.ac.in

Personal Details:

Father Name : S.Sakthivel

Date of Birth : 01.06.1983

Gender   : Male

Nationality   : Indian

Religion   : Hindu

Marital Status: Married

Languages   : English,

      Known   Tamil

Career Objective

To be a successful person and a leader in my discipline and to serve my organization through my commitment and dedicated hard work.

Academic Experience : **15** Years

- Working as **Associate Professor** in CMR College of Engineering and Technology,Hyderabad,Telangana State from 04-08-2021 to till date.
- Worked as **Professor** in Jayamukhi Institute of Technological Sciences (Autonomous), Warangal, Telangana State.
- Worked as **Associate Professor** in INFO Institute of Engineering,Coimbatore,Tamilnadu.
- Worked as **Assistant Professor** in INFO Institute of Engineering,Coimbatore,Tamilnadu
- Worked as **Lecturer** in VMKV Engineering College, Salem, Tamilnadu.
- Worked as **Lecturer** in Muthayammal Engineering College, Rasipuram, Tamilnadu.

Academic Profile

Ph.D (CSE) 2009 - 13
(Affiliated to Anna University),Tamilnadu.

M.E. (CSE) 2006 - 2008
Muthayammal Engineering College,
(Affiliated to Anna University),
Rasipuram, Namakkal(Dt),Tamilnadu.
Percentage of Marks: **79**% with **Distinction**

B.E. (CSE) 2000 - 2004
Mahendra Engineering College,
(Affiliated to Periyar University),
Mallasamudram, Namakkal(Dt),Tamilnadu.
Percentage of Marks: **71.5**%

HIGHER SECONDARY – 2000
K.K Higher Secondary School,
Paramathi Velur,
Namakkal(Dt),Tamilnadu.
Percentage of Marks**: 85.58**%

S.S.L.C - 1998
K.K Higher Secondary School,
Paramathi Velur,
Namakkal(Dt),Tamilnadu.
Percentage of Marks**: 85.4**%

Professional Role:	
1	Recognized **Supervisor** in the Faculty of Information and Communication Engineering in **Anna University Chennai** for guiding Ph.D candidate.

Peer Reviewer for the List of Refereed Journal

S.No	Journal Name	Indexed
1.	Big Data	Scopus, Web of Science
2.	ASABE, American Society of Agricultural and Biological Engineer Journals	Scopus,Web of Science
3.	Wireless Personal Communications	SCImago,Scopus,UGC CARE List
4.	Journal of Internet Technology	SCImago,Scopus
5.	Arabian Journal for Science and Engineering	SCIE, Scopus
6.	International Journal of High Performance Systems Architecture(Inderscience Publisher)	Scopus (Elsevier),ACM digital Library,UGC CARE List
7.	ACM Transactions on Internet Technology	SCImago,Scopus
8.	Transactions on Asian and Low Resource Language Information Processing	SCImago,Scopus
9.	Microprocessors and Microsystems	SCImago ScienceDirect(Elsevier),Scopus
10.	Measurements	Scopus,SCIE,Web of Science

Subjects Handled :

	Mobile Computing, Bigdata Management,Wireless Networks, Information Retrieval System, Cloud computing, Computer Forensic, Computer Networks, Programming Data Structure, System Software, Operating System, Object Oriented Programming in C++, Basic Computer Engineering, Programming in Java,C Programming,Software Engineering, Object Oriented Analysis and Design.

Grant Received:

1	**Rs.90,000** Received from Anna University Chennai for Conducting Faculty Development Programme on OOAD
2	**Rs.1,60,000** Received from NSEiT for conducting online exam in INFO Institute of Engineering Coimbatore

Book Publication: 1

1	Dr.S.Kirubakaran,K.Maheswari, "**Mobile Computing**", ISBN No.978-93-86770-21-9, Kongunadu

	Publications India Pvt.Ltd.

Patent Publication: 2

1	A Smart IRIS Based Document Monitoring System for Secured File Communication, Application No. 202041025417 A, Patent Office Journal No.27/2020 Published on 03/07/2020.
2	A System and Method of Mechanical Rotary to Reciprocating Via Metamaterial Mechanism, Application No: 201941017674A, Patent Office Journal No.19/2019 Published on 10/05/2019.

Journal Publications: 25

1	Xiaowei Tang, Fang li,V. Sakthivel and **S. Kirubakaran** , Deep Learning Approach to Automated Data Collection and Processing of Video Surveillance in Sport Activity Prediction, J. of Mult.-Valued Logic & Soft Computing, Vol. 36, pp. 61–82, 2021.
2	Dr. Vikas Jain, **Dr.S.Kirubakaran**, Dr.G. Nalinipriya, Binny. S, Dr.M.Maragatharajan, 'Brain Computer Interface System using Deep Convolutional Machine Learning Method' , European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 Volume 07, Issue 02, 2020.
3	R. Ramesh Kumar , P. Rajalakshmy , M.D. Saranya , **S. Kirubakaran** , J. Granty Regina Elwin , S. Marichamy, 'Process automation through internet of things on copper coating process of stainless steel', Materials Today: Proceedings. ELSEVIER, https://doi.org/10.1016/j.matpr.2020.10.701.
4	**Dr. S Kirubakaran,** M Manimegalai, S Dhanasekar, A searching technique for multi data owners in cloud computing using multi keyword search, International Journal of Current Trends in Engineering & Research, ISSN: 2455-1392 Volume 3 Issue 5, May 2017 pp. 18 – 22.
5	**Dr. S. Kirubakaran,** K. Maheswari, An Improved SIP Protocol in Heterogeneous Mobile Network for Efficient Communication, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 9, September 2016, pp. 513-528.
6	K. Reshma Revathi, **S. Kirubakaran**, R. Parimala, K.Sree Poornalinga, K. Maheswari, Auto-BugTriager for Software Development and Maintenance in Domain Specific Environment, International Journal of Computer Sciences and Engineering,Volume 4 Issue 6 Page:44-49 June 2016.
7	**Dr.S.Kirubakaran,**K.Maheswari,K.Reshma Revathi **,** Auto Bug triager for Assisting Manual Bug Triage, Asian Journal of Information Technology, Volume 15 Issue 8 1334-1339,2016.
8	E.Divya kalyani, **Dr. S. Kirubakaran ,** K. Maheswari **,** A Mechanism To Detect The Selfish Nodes **,** International Journal for Research in Applied Science & Engineering Technology, Volume 4 Issue V, May 2016.
9	K. Reshma Revathi, **Dr. S. Kirubakaran** "A Survey on Automatic Bug Triage Using Data Mining

	Concepts" International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, March 2016.
10	V.Oviya,**Dr.S.Kirubakaran,**K.Maheswari, "Enhancing Confidential Message Transferring System In A Security Framework" International Journal of Applied Engineering Research, ISSN 0973-4562 vol. 10 no.29 (2015).
11	V.G.Karthiga, **Dr.S.Kirubakaran,**K.Maheswari, " A Novel Joint Visible Mosaic and Visual less Cellular Technique on Color Images" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.29 (2015).
12	V.Oviya,**Dr.S.Kirubakaran, "** Literature Survey: Peer To Peer Transmission Of Password Through Secure SMS", International Journal of Technical Research and Applications, Volume 2, Issue 6 (Nov-Dec 2014), PP. 94-97.
13	V.G.Karthiga**,**K.Maheswari,**Dr.S.Kirubakaran, "** A Literature Survey On Secure Joint Data Hiding And Compression Scheme To Store High Capacity Data In Image", International Journal of Technical Research and Applications, Vol 3 Issue 1,Jan-Feb 2015, PP(1-4).
14	K.Maheswari,**Dr.S.Kirubakaran,** "Enhancing Social Personalized Search Based on Semantic Search Log using Ontology", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET) ,Volume. 3, Issue 9, September 2014.
15	Sumitha Thankachan,**Dr.S.Kirubakaran,** "A Survey Conducted on E-Agriculture with Indian Farmers", International Journal of Computer Science and Mobile Computing, Vol. 3, Issue. 2, February 2014, pg.8 – 14.
16	V.Madhumitha,**Dr.S.Kirubakaran,** "A Survey on Anonymous Routing Protocols in Mobile Ad hoc Networks", International Journal of Computer Science Trends and Technology (IJCST) – Volume1 Issue2, Nov-Dec 2013.
17	K.Maheswri,**Dr.S.Kirubakaran,**Dr.S.Karthik, **"**Lifetime Improvement of Wireless Sensor Networks by Using Sleep-Wake Scheduling and Any Cast Packet Forwarding Scheme", International Journal of Communication and Networking System, Vol 2, Issue 2, December 2013.
18	**S.Kirubakaran,**K.Maheswari,Dr.S.Karthik "Optimization Techniques in Heterogeneous Mobile Wireless Network for fast disaster response and recovery", Research Journal of Computer Systems Engineering,Vol 4,pp:485-493,June 2013.
19	**S.Kirubakaran,**K.Maheswari,Dr.S.Karthik"Enhancing Resource Utilization in Interoperable Heterogeneous Network",International Journal of Advanced Research in Computer Science and Software Engineering,Vol.3,Issue.4,April 2013.
20	**S.Kirubakaran,**Dr.C.Manoharan "Improving handoff performance in heterogeneous Mobile

	wireless network", International Journal of Communications Networking System ,Vol 01, Issue 02, December 2012.
21	**S.Kirubakaran,**Dr.C.Manoharan "Effects of SIP in Interoperable LMR/Cellular Heterogeneous Mobile Wireless Network", IOSR Journal of Computer Engineering, Aug 2012 vol .3.Issue5,pp.37-43.
22	**S.Kirubakaran,**Dr.C.Manoharan "Performance study on Handoff delay and Packet Loss in Heterogeneous Mobile Wireless Network", European Journal of Scientific Research Feb 2012 vol.77.pp.373-385.
23	**S.Kirubakaran,**Dr.C.Manoharan "SIP based QoS in Interoperable Heterogeneous Mobile Wireless Network", CiiT International Journal of Wireless Communication " Print: ISSN 0974 – 9756 & Online: ISSN 0974 – 9640,August 2011.
24	**S.Kirubakaran,**R.Selvakumar,Dr.Prasadh "Target Tracking in Sensor Networks: A Distributed Constraint Satisfaction Approach", International Journal of Wireless Communication and Simulation" Volume 2 Number 1 (2010),pp.11-20.
25	**S.Kirubakaran,**Dr.C.Manoharan "Reducing Packet delay and Loss in heterogeneous Mobile wireless Network", Global Journal of Computer Science and Technology, pp 55 Vol. 9 Issue 5 (Ver 2.0), January 2010.

Conference Publications in Numbers : 9

1	**S.Kirubakaran** "An Optimized scalable video streaming using Feedback based control in 802.11e", National Conference on Emerging Technologies NCET'08, Feb2008.
2	**S.Kirubakaran** "An Art of Efficient bandwidth utilization by subflow", National Conference on Computational Intelligence NCCI'09, April 2009.
3	**S.Kirubakaran,**P.Rajkumar "Quantifying Impact on Data Availability in Mobile Adhoc Networks", National Conference on Recent Trends in Advanced Computing – NCRTAC'10,October 2010.
4	**S.Kirubakaran,** K.Maheswari, "Optimization Techniques in Heterogeneous Mobile Wireless Network", International Conference on Computational Intelligence and Information Technology – ICCIIT 2012.
5	**S.Kirubakaran,** K.Maheswari**,** Dr.S.Karthik"Optimization Techniques in Heterogeneous Mobile Wireless Network for fast disaster response and recovery", Conference on Computational Intelligence and Information Technology – CCIIT 2013.
6	Sumitha Thankatchan,**Dr.S.Kirubakaran,**K.Maheswari "An Intelligence based Alert System for Farmers" National seminar on Computing Innovations for Social and Ecological Relevance-NSCI-

	2K14.	
7	V.Madhumitha,**Dr.S.Kirubakaran,**K.Maheswari " Efficient Anonymous Multicast routing Protocols in MANET" National seminar on Computing Innovations for Social and Ecological Relevance-NSCI-2K14	
8	K.Reshma Revathi ,**Dr.S.Kirubakaran** "Auto Bug Triager for Software Development and Maintenance on Domain Specific Environment" in the National Conference on Advancements in Computing Methodologies(NCACM'16) conducted at Anna University Regional Campus,Coimbatore on 14 th & 15 th March 2016.	
9	**Dr.S.Kirubakaran,**K.Maheswari, **"**Investigation on Disease Prediction and Big data privacy in Healthcare system" in the International Conference on Research Trends in Science, Technology, Engineering and Management, ICRSTEM-2019 during 10th -12th May 2019.	

Workshop/Seminar/Training Program Attended :

S.No	Name of the Program	Name of the Organizer	Period
FDP			
1.	Emerging Trends & Technologies in Data Science	GMR Institute of Technology,Andhra Pradesh	24.08.2020 to 29.08.2020
2.	Artificial Intelligence and Data Science	Easwari Engineering College,Chennai	24.08.2020 to 30.08.2020
3.	Emerging Trends in Ethical hacking and Cyber Security	Hindustan Institute of Technology, Coimbatore	06.07.2020 to 10.07.2020
4.	Recent Trends in Information, Computing, Communication and Teaching Methodology Competency	Sri Sairam Engineering College,Chennai	04.05.2020 to 17.05.2020
5.	Internet of Things (IoT)	St. Martin's Engineering College, Secunderabad,Telangana State	05.05.2020 to 07.05.2020
6.	Recent Trends in Biomedical Engineering -A Research Perspective	Dr.NGP Institute of Technology, Coimbatore,Tamilnadu	26.04.2020 to 30.04.2020
7.	Virtual Teaching	Coimbatore Institute of Technology, Coimbatore,Tamilnadu	20.04.2020 to 21.04.2020
8.	Python 3.4.3	Adhiparasakthi Engineering College,Melmaruvathur Associated with Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt., of India	16.04.2020 to 22.04.2020
Seminar/Webinar			
1.	Machine Learning in SPARK Framework	St.Peters Engineering College,Hyderabad	07.08.2020
2.	Demystifying Data Science AI And ML	Dr.NGP Institute of Technology, Coimbatore,Tamilnadu	23.07.2020
3.	SAP Marketing Cloud Overview	SRM Institute Of Science And Technology Ramapuram Campus, Chennai,Tamilnadu	04.07.2020

4.	Applications of Machine Learning in COVID 19	Hindustan Institute of Technology, Coimbatore,Tamilnadu	04.07.2020
5.	Practical Approach Towards Designing a Cloud Architecture	Paavai Engineering College, Namakkal Tamilnadu	29.06.2020 to 01.07.2020
6.	Data Science	Rathinam Technical Campus,Coimbatore Tamilnadu	10.06.2020
7.	NAAC Assessment and Accreditation Process	JNTUH-UGC HRDC, Hyderabad, Telangana State	03-06-2020
8.	Kick Start the Mobile App Developer in You	Mobile Application Development Club, Prathyusha Engineering College, Chennai	23.05.2020 & 26.05.2020
9.	Data Engineering	Mahendra Engineering College, Namakkal	27.05.2020
10.	Robotics in Everyday Life	Karunya Institute of Technology and Sciences,Coimbatore	29.05.2020
11.	Machine learning and Deep learning	K.Ramakrishnan College of Engineering,Trichy	29.05.2020
12.	Full Stack Developer	Prathyusha Engineering College,Chennai	13.05.2020
13.	Machine Learning and its Applications	Sri Venkateswara College of Engineering and Technology, Chittoor	09.05.2020
14.	5G Communication	Rohini College of Engineering and Tech nology,Kanyakumari.	04.05.2020 to 06.05.2020
15.	Electric Vehicles – Opportunities	Karpaga Vinayaga College of Engineering and Technology,Chennai in association with CADD Centre	30.04.2020
16.	Machine Learning Using Python	Brainswig Edutech Private Limited, Chennai	20.04.2020
17.	Mobile Cloud Computing	The Kavery Engineering College, Salem, Tamilnadu	17.02.2011 to 18.02.2011
Workshop			
1.	Image Classification using MATLAB	JAIN Deemed to be University,Bangalore	24.05.2020
2.	How to Write a Technical Research Paper	Ahalia School of Engineering and Technology, Ahalia Palakkad ISTE Chapter	22.04.2020
3.	Mobile Application Development on Android	Sri Shanmugha College of Engineering and Technology,Tiruchencode, Tamilnadu	31.08.2013
4.	Engineering Faculty Workshop (Mission 10X)	WIPRO & Adhitya Institute of Technology	03.10.2013 to 05.10.2013
5.	WEKA Tool	INFO Institute of Engineering, Coimbatore, Tamilnadu	06.05.2013
6.	Emerging Issues in Wireless Communication Networks	DRDO& SNS College of Technology	20.09.2012
7.	Emerging Trends and Issues in Cloud	CSIR & SNS College of Technology	27.08.2012 to

	with green computing		28.08.2012
8.	.NET Programming	ICT Academy of Tamilnadu	21.08.2012 to 24.08.2012
9.	Oracle Database 11g: administration	Kathir College of Engineering, Coimbatore, Tamilnadu	27.01.2012
10.	J2EE and Best practices in Application Development	ICT Academy of Tamilnadu	30.03.2010 to 31.03.2010
11.	Network Simulater(NS2)	Paavai College of Engineering, Paachal,Tamilnadu	06.11.2009 to 07.11.2009
12.	Wireless Sensor Networks	Muthayammal Engineering College, Rasipuram, Tamilnadu	21.09.2007 to 22.09.2007

Professional Body Membership :

1	Life Member of Indian Society for Technical Education (ISTE)
2	International Association of Engineers(IAENG)
3	International Association of Computer Science and Information Technology (IACSIT)