

K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.

DEPARTMENT OF INFORMATION TECHNOLOGY PROFILE

- 01. Name** : K.Balamurugan
02. Designation : Associate Professor
03. Date of Birth : 10.05.1972
04. Date of Joining : 10.11.2003
05. Professional Membership : MISTE, AMIE, MCSI
06. Qualification:



S.No	Qualification	Specialization	Name of the Institution	Affiliated to	Year of Completion	Class & % of Marks
1.	Ph.D.	Information and Communication Engineering	-	Anna University Chennai	2018	-
2.	M.E.,	Computer Science and Engineering	College of Engineering, Guindy	Anna University Chennai	2003	I 6.57
3.	B.E.,	ECE	Kumaraguru College of Technology	Bharathiyar University, Coimbatore	1995	I 60.32 %

- 07. Area of Interest** : Network Routing

08. Experience, Promotion & Designation Details (Chronological):

S.No.	Name of the Organization	Designation	Period	
			From	To
1.	K.S.R Institute of Technology, Tiruchengode, Namakkal District.	Lecturer	05.08.1995	31.12.2001
2.	K.S.R Institute of Technology, Tiruchengode, Namakkal District.	Lecturer	01.06.2003	09.11.2003
3.	K.S.R. College of Engineering, Tiruchengode, Namakkal District	Lecturer	10.11.2003	30.06.2005
4.	K.S.R. College of Engineering, Tiruchengode, Namakkal District	Assistant Professor	01.07.2005	30.06.2009
5.	K.S.R. College of Engineering, Tiruchengode, Namakkal District	Associate Professor	01.07.2009	Till Date

09. Publication Details:

	National Level		International Level	
	Journal(s)	Conference(s)	Journal(s)	Conference(s)
KSRCE	-	-	1	3
Others	-	-	-	-

09.1. Journals & Conference Details:

S.No.	Title of the research paper	Name of the author(s)	Publisher / Journal Name	Year of publication	DOI & ISSN No.	IF / SJR & SNIP
National Conference						
-	-	-	-	-	-	-
International Conference						
1.	Service and Data Security for Multi Cloud Environment	K.Balamurugan B. Rajkumar	International Conference on Global Innovation in Computing Technology	March 6 th & 7 th 2014.	ISSN 2320 – 9801	-
2.	Sparkle Effective Scattering and Onward Node Assortment using Linkage Coding Mechanism in Mobile Wireless Sensing Element Network	K.Balamurugan Dr.A.Subramani Dr.P.Balamurugan	Global learning conference On Mobile Computing	9 th & 10 th February 2017	-	-
3	Power Message Generation in Smart Grid via Generative in Raspberry Pi	Dr.K.Balamurugan S.Kavinraj S. Pooja P.Senthilkumar S.Soundarya	International E Conference on Recent Developments in Engineering & Technology	3 rd April 2021	ISSN 2454 – 9762	
National Journal						

-	-	-	-	-	-	-
International Journal						
1.	Service and Data Security for Multi Cloud Environment (2014)	K.Balamurugan B. Rajkumar	International Journal of Innovative Research in Computer and Communication Engineering	2014, Volume 2 , Page No 1131 – 1139	-	-
2.	Energy Efficient Broadcasting and Forward Node Selection Using Network Coding In Mobile Wireless Sensor Networks (MWSN) (2015)	K.Balamurugan Dr.A.Subramani	International Journal of Applied Engineering Research (IJAER)	pp. 18861-18878 Volume 10, Number 7 (2015)		
3	'Load Rebalancing using Map reducing Task for Distributed File Systems in Cloud (2015)	Balamurugan .K Janani .T	International Journal of Mobile Computing and Application	pp. 13-18 Volume 02, Issue 01		
4	Sparkle Effective Scattering and onward Node Assortment using Linkage Coding Mechanism in Mobile Wireless Sensing Element Network (2017)	Balamurugan K Subramani A, Balamurugan P	International Journal of Communication and Networking System (IJCNS)	pp. 28-35 Volume 06, Issue 01		
5	'Power Alert New Cast Planning for	Balamurugan K, Subramani A &	Cluster Computing -	pp. 1-15 Volume		

	Guaranteeing Reliability in Mobile Wireless Sensing Element Networks’ (2018)	Balamurugan P	The Journal of Networks Software Tools and Applications,	04, Issue 01		
6	‘Power Aware Broadcast Scheduling Algorithm for Reducing Latency in Mobile Wireless Sensor Networks’, (2018)	Balamurugan K, Subramani A & Balamurugan P	Journal of Theoretical and Computational Nano Science	pp. 255 - 260 Volume 15, Issue 01		
7	Wireless Mobile Robot Arm Using Robotic Technology For Pick and Place Purpose With Help of Arduino Uno (2020)	Dr.K.Balamurugan B Chandru R Mahesh V B MohanaPrasad	International Research Journal of Modernization in Engineering Technology and Science	pp. 942 - 943 Volume 2 Issue 8		
8	Power Message Generation in Smart Grid via Generative in Raspberry Pi (2021)	Dr.K.Balamurugan S.Kavinraj S. Pooja P.Senthilkumar S.Soundarya	International Journal of Advanced Research in Management, Architecture Technology and Engineering	pp. 182 - 187 Volume 7 Issue 04		

10. Details of Monographs, Books & Patterns

S.No.	Title	Name of the author(s)	Publisher Name	Year of publication
-	-	-	-	-

11. Details of Proposal

S.No.	Title of the Proposal	Funding Agency Details	Date & Duration	Status
-	-	-	-	-

12. Details of Winter/Summer Schools Attended

S.No.	Name of the programme	Organized by	Date & Duration
1.	AICTE Sponsored SDP on “Mobile Computing “	KSR College of Engineering, Tiruchengode.	13 th July 2006 to 24 th July 2006
2.	AICTE Sponsored SDP on “Research Initiatives in Data Mining for Web Intelligence “	KSR College of Engineering, Tiruchengode.	22 nd June 2012 to 3 rd July 2012
3.	AICTE Sponsored FDP on “Security Issues in Utility Computing”	KSR College of Engineering, Tiruchengode.	17 th May 2013 to 30 th May 2013
4.	AICTE Sponsored FDP on “ Research Challenges and Emerging Trends in Intelligent Information Retrieval”	PSG College of Technology, Coimbatore.	29 th April 2013 to 12 th May 2013
5	AICTE-QIP sponsored One Week Short Term Course on 'Data Science “	Thiyagarajar College of Engineering, Madurai	Feb 4-9,2019
6	Two Days FDP on Applied Research in Multidisciplinary Studies	Sona College of Technology, Salem	18 th , 19 th May 2020
7	Internship programme in Data Science using Pythron	Naberly Technologies Private Ltd, Bangalore	5 th April to 27 th April 2021
8	8 Days National Level Online FDP on “ How to make Teaching Learning Process Effective & Outcome Based”	Christian Eminent College, Indore	14 th June to 21 st June 2021

13. Details of Workshops/ Seminars Attended

S.No	Name of the programme	Organized by	Date & Duration
1.	International Conference on “Gender Issues in E-Society”	Annamalai University, Chidambaram.	19 th and 20 th December 2005.
2.	TEDA Sponsored One day workshop on “ Renewable Energy – Energy of Future”	K.S.Rangasamy College of Technology, Tiruchengode.	19 th August 2005.
3.	AICTE Sponsored “One day Accreditation Programme”	Bannariamman Institute of Technology, Sathyamangalam.	27 th January 2007
4.	One day Workshop on “Audit Policy and Conduct of Internal and External Audits”	Vivekanandha Institute of Engineering and Technology for Women, Tiruchengode.	16 th July 2008

5.	Anna University Sponsored “Training workshop for Academic Auditors”	Kumaraguru College of Technology, Coimbatore.	27 th and 28 th January 2008
6.	One day workshop on “Advancements in Digital Signal and Image Processing”	Department of ECE, KSR College of Engineering, Tiruchengode.	3 rd February 2009
7.	DRDO Sponsored One day Seminar on “ Secure routing and Intrusion Detection Techniques in Ad hoc Networks”	Kongu Engineering College, Erode.	29 th and 31 st March 2010
8.	One day National Seminar on “Advances in Wireless Communication”	K.S.Rangasamy College of Technology, Tiruchengode.	5 th March 2010.
9.	Two days Hands on Training on “Enterprise Computing Lab.”	Department of IT, KSR College of Engineering, Tiruchengode.	2 nd and 3 rd December 2011.
10.	CSI Chapter Sponsored One day Work shop on “ Cloud Computing & Its Research Applications”	Department of CSE, KSR College of Engineering, Tiruchengode.	28 th January 2011.
11.	Two days National Seminar on “An Intelligent based Wireless ad hoc and Sensor Networks and its Applications with Ocean Technology”	K.S.Rangasamy College of Technology, Tiruchengode.	19 th and 20 th August 2011.
12.	Two days ” Workshop on “Research Methodologies”	Kumaraguru College of Technology, Coimbatore.	15 th and 16 th April 2011.
13.	DIT Sponsored National Seminar on “ Cyber Security Challenges and Role of Intelligence”	Department of IT, KSR College of Engineering, Tiruchengode.	14 th and 15 th September 2012
14.	DRDO Sponsored National Workshop on “Research aspects of M2M technology and Wireless Networks in Space Communication”	K.S.Rangasamy College of Technology, Tiruchengode.	30 th November 2012 to 1 st December 2012

15.	One day National level Technical Workshop on “Challenges in Research”	AVS Engineering College, Salem.	17 th March 2013.
16.	One day Seminar on “Writing Effective Research Paper and Thesis”	Department of CSE, KSR College of Engineering, Tiruchengode.	19 th July 2014
17	Workshop on “J Gate – An Electronic Library for Research”	Central Library , KSR College of Engineering, Tiruchengode.	10 th July 2019
18	Awareness Programme on Outcome Based Education (OBE)	IQAC Cell, Bharat Institute of Engineering and Technology, Hyderabad, Telangana	18 th June 2020
19	The Future of Education, Employment & Entrepreneurship	ICT Academy – Sky Campus Tamilnadu	04 th May 2020
20	2 Days International Level Online Workshop on AI & ML The State of Art and Future	Department of IT, Dr. Mahalingam College of Engineering and Technology, Pollachi	25 th & 26 th March 2022

14. Details of Winter/Summer Schools/Workshops/Seminars organized:

S.No	Name of the programme	Sponsored by	Acted as	Duration	Coordinator
1.	FDP on “Security Issues in Utility Computing”	AICTE	Programme Co Ordinator	17 th May 2013 to 30 th May 2013	-

15. Details of Interaction with outside world

S.No	Name of the College	Topic / Resource Person	Duration
-	-	-	-

16. Address for Communication

i.) Permanent Address : Dr. K. Balamurugan,

S/O, R. Kandasamy,

3/67, Chinnathambipalayam – Post,

Tiruchengode – Tk,

Namakkal (Dt – 637 209

Mobile No: 99425 44353, 95242 43821

Email ID : k.balamurugan@ksrce.ac.in

ii.) Official Address : Dr. K. Balamurugan,

Associate Professor (Sr.),

Department of Information Technology,

K.S.R College of Engineering,

Tiruchengode – Tk,

Namakkal (Dt) – 637 215.

Signature
(Dr. K.Balamurugan)