


## Faculty Profile - Format

A1	Personal Details	
R.Karthick, M.E.,		
Assistant Professor		
Department of Computer Science and Engineering		
Knowledge Institute of Technology, Salem - 637 504. India.		
Ph: +91 - 427 - 2433930		
Email id: <a href="mailto:rkcsbs@kiot.ac.in">rkcsbs@kiot.ac.in</a>		

A2	Areas of Interest	Information Security

A3	Subjects Taught	
	UG	PG
	Computer Programming	Social Network Analysis
	Object Oriented Programming	Information Storage Management
	Computer Networks	
	Operating Systems	
	Programming and Data Structures II	
	Software Testing	
	Information Retrieval	
	Multicore Architecture and Programming	
	Geographic Information Systems	
	Problem Solving and Python Programming	
	Fundamentals of Data Science and Analytics	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Computer Science and Engineering	K.S.Rangasamy College of Technology, Tiruchengode	Anna University	2013
B.E.	Computer Science and Engineering	Velalar College of Engineering and Technology, Erode	Anna University	2010

A5		Work Experience as on Dec 2016					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		June 2016		Present	
Excel College of Engineering and Technology, Kumarapalayam		Assistant Professor		June 2014		May 2016	
Excel Engineering College, Kumarapalayam		Assistant Professor		July 2013		May 2014	
<b>Total Experience</b>	10 Years 01 Months	<b>Teaching</b>	10 Year 01 Months	<b>Research</b>	-	<b>Administration</b>	-

A6		Research Publications			
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		2	-	4	1

#### Recent Publications (Journals)

1.	R.Karthick, and K. Chandrababha, ' <b>Prevention of Pollution Attacks and DOS Attack in Network Coding using Node Identity Verification Scheme</b> ' in International Journal of Advanced and Innovative Research(IJAIR), Published in IJAIR, Volume 2, Issue 4 pp. 617-623, 2015.
2.	R.Karthick, K.G.Arunkumar and K.R.Dhanabalan, ' <b>Automatic Disabling of Cell phones at Prohibited Areas</b> ' International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE), Volume 4 Issue 1, pp. 945-951 2014.

#### Recent Publications (Conferences)

1.	R.Karthick, S.S.Aravinth, P.Sachidhanandam, " <b>Internet of Robotics Things - Embedded IOT Enabled Robotics Technology</b> ", in International Conference held at Guru Nanak Institution, Hyderabad, 2016.
2.	R.Karthick, R.Mahadevan, and B.Praveen Kumar, " <b>A Novel Approach for Identifying Abnormalities in Brain Through Interaction Patterns</b> " in International Conference held at Vivekananda College of Engineering for Women, Elaiyampalayam, 2016.
3.	R.Karthick, and K.Chandrababha, ' <b>Mitigating Pollution Attacks and DOS Attack in Network Coding using Cluster Nodes</b> ' in International Conference on Computer Science and Information Technology(ICCSIT), Maria College of Engineering and Technology, Kanyakumari, 2014.
4.	R.Karthick, K.Chandrababha and B.G.Geetha, ' <b>Application Oriented Virtual Pipelines for High-Bandwidth Network Memory System</b> ' in International Conference on January 16 <sup>th</sup> , 2013 at Sasurie College of Engineering, Vijayamangalam.

5.	R.Karthick, R.Ragunath, P.Selvakumar and k.Prakash, 'A Three Ballot based Secure Electronic Voting System' in National Conference on August 6 <sup>th</sup> , 2013 at Kongu Engineering College, Perundurai.
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<b>A7</b>	<b>Research Grants/ Projects Received</b>
*if any	
<b>A8</b>	<b>Patents Filed</b>
*if any	
<b>A9</b>	<b>Fellowship Received</b>
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<b>A10</b>	<b>Memberships in Professional Bodies</b>
<b>S.No.</b>	<b>Name of the Professional Body</b>
1	Life Member of Indian Society for Technical Education (ISTE) (No : LM104956)
2	Member of International Association of Engineers (IAENG)

<b>A11</b>	<b>Programs Organised</b>
*if any	

<b>A12</b>	<b>Consultancy Works</b>
*if any	

<b>A13</b>	<b>Highlights of Major Contributions</b>
*if any	

<b>A14</b>	<b>Training Programmes Attended</b>
1.	Attended ATAL Academy Online FDP on "Data Science" at B.S.Abdur Rehman Crescent Institute of Science and Technology from 21.09.2020 to 25.09.2020.
2.	Attended Online Workshop on "Data Analysis" by LeadingIndia.ai at Bennett University, Greater Noida from 20.07.2020 to 24.07.2020
3.	Attended 5 days ATAL Workshop on Data Science by National Power Training Institute (NPTI), Neyveli from 18.11.2019 to 22.11.2019.
4.	Attended three days Workshop on Enhancing Teaching Learning Skills by IIT Bombay from 05.11.2019 to 07.11.2019.

5.	Attended one day Workshop on eSim, a First course in the IoT Series for Teachers by IIT Bombay on 21.09.2019.
6.	Attended Forty Five days training on “Virtusa Faculty Orientation for Faculty” at Virtusa office at Chennai.
7.	Attended Five day “Train the Trainer Program” at Virtusa office at Chennai on “An Introduction on COE-Data Science”.
8.	Attended Eight day Workshop on “Data Science & Analytics” conducted by C-DAC.
9.	Three days workshop on ‘EDI Chennai - TN Govt Sponsored IEDP WF NEN’ on Dec 22 <sup>nd</sup> to 24 <sup>th</sup> , 2016 at Sona College of Technology, Salem.
10.	Seven days FDP program on “Software Architecture” in KSR College of Engineering, Tiruchengode from 02 - 07 December 2016.
11.	Two days National level workshop on ‘Web Design and open Source Tools’ on March 16 <sup>th</sup> and 17 <sup>th</sup> , 2015 at Kongu Engineering College, Erode.
12.	ISTE-SRM sponsored one week STTP Programme on “Soft Computing Techniques for Clinical Decision Making” on July 7 <sup>th</sup> to 13 <sup>th</sup> , 2014 at PSNA college of Engineering and Technology, Dindugul.
13.	One day National level workshop on ‘Android 4.1 Application Development’ on August 24 <sup>th</sup> , 2012 at Institute of Road and Transport Technology, Erode.
14.	Two days seminar on ‘A Wireless Sensor Network for the surveillance of Nuclear Radiation’ on June 18 <sup>th</sup> and 19 <sup>th</sup> , 2012 at K.S.R College of Engineering, Tiruchengode.
15.	One day seminar on ‘Free Software Movements in Education’ on February 2 <sup>nd</sup> , 2012 at K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.
<b>A15</b>	<b>Special Lectures Presented</b>
<b>A16</b>	<b>Awards</b>
*if any	

<b>A17</b>	<b>Books Published</b>
*if any	

<b>A18</b>	<b>Foreign Countries/ Universities Visited</b>
*if any	