

## CURRICULAM VITAE

Dr. A.RAJIVKANNAN

*Professor & Head*

Department of Computer Science & Engineering

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### **Professional Excellence Summary**

- Profound knowledge in the domain of teaching and research and ability to assimilate the skills for the better results with a focus on social innovation to pursue extensive research in cutting-edge hypothesis.
- Providing skill based training programs to the students and societal to motive them for achieving the desired effects.
- Engaging the students and research community with an opportunity to learn and practice key skills to provide techno-social solutions for sustainable development.
- Implementing various progressive methods to cultivate prosperous and professional goals among students, researchers and academicians.
- Highly interested in curriculum improvement, setting up new labs, up gradation of existing labs to ensure the quality of technical education and academic excellence.
- Experience in approval, affiliation and accreditation process in Technical Education.
- Implementing innovative teaching and learning environment like e-books, online learning, in-house projects, corporate visits, interactive sessions with IT experts through programmes like Infosys Campus Connect, WIPRO , TCS , ICTACT .
- Published more than 50 research publications in International Journal and Conferences with Citation -99, h-index - 06, i10 index-02.

**Professional Details**

Sl. No.	Name of the Organization	Designation	Period		No. of Years	Nature of Work
			From	To		
1.	K.S.R. College of Engg., Tiruchengode	Professor	01.11.2014	Till Date	8 Years & 7 Months	Teaching & Research
2.	K.S.R. College of Engg., Tiruchengode.	Associate Professor	01.07.2011	31.10.2014	3 Years & 4 Months	Teaching & Research
3.	K.S.R. College of Engg., Tiruchengode.	Assistant Professor	01.07.2006	30.06.2011	5 Years	Teaching & Research
4.	K.S.R. College of Engg., Tiruchengode.	Lecturer	02.06.2004	30.06.2006	2 Years	Teaching & Research
5.	Silicon Computers, Erode.	System Manager	06.01.2002	01.06.2004	2 Years	System Administrator

**Educational Details**

Degree	Institute/University	Percentage	Year of Passing
Ph.D Information & Communication	Anna University, Chennai.	-	2011
M.E Computer Science & Engg.,	K.S.Rangasamy College of Tech., Anna University, Chennai.	75.6%	May 2004
B.E Information Technology	K.S.Rangasamy College of Tech., Periyar University, Salem.	70%	April 2002
Diploma in Electronics & Communication Engg.,	Ramakrishna Nallammai Polytechnic, DOTE.	86%	April 1999

**Software Proficiency**

Network Administration	CISCO, Sun Solaris and LINUX Administration.
Operating System	Windows NT Server, Windows 2003 Server Edition, Windows 10 /7/XP
Languages	C, C++, J2ME, Dot Net
Scripting Languages	ASP, XML, Java Script
Network Technology	TCP/IP, Distributed System, CORBA, COM & DCOM, FORTIGATE and CYBER ROAM Firewall - Policy Making and Maintenance.

## Key Position Held / Responsibilities

- NIRF coordinator since 2020.
- Nodal Officer for Ek Bharath Shrestha Bharath since 2020.
- Nodal Officer for Prime Minister Special Scholarship Scheme - AICTE since 2019. Spark for NPTEL Courses since 2017.
- **Presiding Officer** for conducting GATE Examination, JIPMER in K.S.R. College of Engineering since 2016.
- **Test Centre Admin** for conducting RRB, IPBS and AIIMS Online Entrance Examination in K.S.R. College of Engineering since 2016.
- **Coordinator for Prime Minister's Digital India Programme** in K.S.R. College of Engg., since 2015.
- Setting up a laboratory with higher end systems (50 Nodes) sponsored by **ICTACT for EMC<sup>2</sup> Center of Academic Excellence Data Science & Big Data Analytics Laboratory [One among 10 centers in Tamilnadu]** inaugurated on 13<sup>th</sup> August, 2015.
- Overall Admission Coordinator from 2014.
- **Co-opted External Expert** – Academic Council of Autonomous Body – Board of Studies CSE & IT (UG & PG), K.S. Rangasamy college of Tech., (Autonomous), Tiruchengode from 2013 to 2014.
- **Chairman** – Board of Studies, Department of Computer Science & Engg., (UG & PG) , K.S.R. College of Engineering (Autonomous) since 2012.
- **Coordinator** for **ORACLE WORK FORCE DEVELOPMENT PROGRAMME**, Oracle India Pvt. Ltd. in K.S.R College of Engineering since 2012.
- **LMC [Legal Main Contact] for CISCO Network Academy** of K.S.R. College of Engg., since 2011.
- Infrastructure, Learning Resources, Planning & Purchase / System Administration, e-Learning, Conference & Seminar Halls / Software Development, College website updation and Annual Day since 2008.
- Advisor of Software & Web Development, Network Administration at **Silicon Computer Pvt. Ltd** , Erode, Tamilnadu since 2008.
- **LAN Head** for K.S.R. College of Engineering which comprises of **12 Servers and 1420 nodes with 160 MBPS of Internet Connectivity** and Maintenance.
- **Member Question Paper Setting Committee** – Karpagam University, Kongu Engineering College (Autonomous), Mahendra College of Engg., (Autonomous), Dr. Mahalingam College of Engineering and Technology, SNS College of Engineering (Autonomous), Erode Sengunthar Engineering College, Sengunthar Engineering College (Autonomous)- Tiruchengode,

### Research Specialization

- Distributed Denial of Service
- Mobile Adhoc Networks
- Information Security
- Data Mining and Big Data Analytics
- Distributed Computing
- Cloud Computing
- Artificial Intelligence and Machine Learning
- Cyber Security

### Research Supervision

- **Supervisor Recognition ID [ Old : 1106113 & New: 2940012 ] [ Completed : 10 | Pursuing : 11 ]**

Ph.D Programme & M.Tech / MS (By Research)

Faculty of Information and Communication Engineering, **Anna University, Chennai.**

### List of Scholars Completed:

S. NO	REG. NO	NAME	DATE OF REGISTR ATION	DATE OF THE VIVA VOCE	UNIV ERSI TY	TITLE OF THE THESIS	INT. / EXT.
1.	2714419732	N.S.GowriGanesh	20.07.2007	15.12.2015	Anna Univ.	Cloud Capacity Predictor with interoperability for bursting situation and improvement of Quality of Web services	<b>EXT.</b>
2.	11260631022	R.KamalRaj	18.01.2012	31.03.2017	Anna Univ.	Certain Investigation on Software Test Case Classification for Test Suite Reduction Using Test Case Reusability Framework	<b>EXT.</b>
3.	11260631011	T.GnanaPrakasam	18.01.2012	31.03.2017	Anna Univ.	Optimal ECC based Dual Encryption Techniques for Data Security in Cloud	<b>EXT.</b>
4.	11260632052	R.VijayaRajeswari	18.01.2012	20.09.2017	Anna Univ.	Performance Improved Security in Wireless Sensor Networks Using Classifier	<b>EXT.</b>

5.	11260632050	V.Vennila	18.01.2012	09.10.2017	Anna Univ.	Predictive Classifier Techniques for Big Data Application in Cloud Environment	<b>INT.</b>
6.	4086061231	M.S.Tamilselvi	28.04.2008	15.12.2017	Anna Univ.	Region Based Feature Approximation using Wavelet Transform for Video Compression Using co-variance Measures	<b>EXT.</b>
7.	11260631054	J.Santhosh	18.01.2012	16.03.2018	Anna Univ.	Detection and Mitigation of malicious and Residual Nodes in Wireless Sensor Networks Using Classification Approach	<b>INT.</b>
8.	1324469129	P.Kanmani	04.12.2012	01.11.2018	Anna Univ.	Analysis and Monitoring of Pollution by Feature Extraction in Lichen Using Enhanced Image Processing and Machine Learning Algorithm	<b>EXT.</b>
9.	11260631049	K.Ravikumar	2012	08.10.2020	Anna Univ.	Prediction of Natural Events and Location using Hybrid PSO with Fuzzy Logic and Destiny based Spatio – Temporal Clustering with GPS.	<b>EXT.</b>
10.	1424469203	R.Banupriya	2014	16.08.2021	Anna Univ.	Land Cover/ Land use classification using Data Mining Techniques	<b>EXT.</b>

**List of Scholar Pursuing:**

<b>S. NO.</b>	<b>REG. NO.</b>	<b>NAME</b>	<b>DEGREE</b>	<b>FACULTY</b>	<b>REG YEAR</b>	<b>REG SESS</b>	<b>STATUS</b>	<b>INT. / EXT.</b>
1.	17144697338	Vijayanand S.P	Ph.D.	ICE	2017	JUL	Confirmation completed	EXT.
2.	17144697387	Thirugnanasambandan N	Ph.D.	ICE	2017	JUL	Confirmation completed	EXT.
3.	17144697399	Manikandan M	Ph.D.	ICE	2017	JUL	Confirmation completed	EXT.
4.	17224697616	Rajarajeswari N	Ph.D.	ICE	2017	JUL	Course Work	EXT.
5.	18144691533	Manojee K S	Ph.D.	ICE	2018	JAN	Confirmation completed	EXT.

6.	18144691555	Prakash B V	Ph.D.	ICE	2018	JAN	Confirmation completed	EXT.
7.	18244691264	Savitha S	Ph.D.	ICE	2018	JAN	Confirmation completed	INT.
8.	18254691209	Kavitha M N	Ph.D.	ICE	2018	JAN	Confirmation completed	EXT.
9.	18234697202	Vasuki N	Ph.D.	ICE	2018	JUL	Course Work	EXT.
10.	19214697287	Renukadevi P	Ph.D.	ICE	2019	JUL	Course Work	EXT.
11.	21234691585	Sridevi.S	Ph.D.	ICE	2021	JAN	Course Work	EXT.

#### Consultancy Projects

S. No.	Year	Title of the Project	Funding Agency	Amount (in Rs.)
1	2021 - 2022	UGC NET	APTECH	1,01,430
2		NIT Trichy Exam	Edutest Solutions Pvt. Ltd	63,200
Total Amount				1,64,630
1	2020 - 2021	AIIMS Exam	Tata Consultancy Services Limited, Mumbai& IIT Madras	35,132
2		TNPCB Exam	NSEIT	77,190
3		DGT Exam	Aptech	87,600
Total Amount				1,99,922
1	2019 - 2020	CRP MAINS Exam	Tata Consultancy Services Limited, Mumbai & IIT Madras	35,000
2		PG NEET Exam	Tata Consultancy Services Limited, Mumbai & IIT Madras	52,022
3		TRB Exams	NSEIT	2,65,695
4		LIC Exam	Tata Consultancy Services Limited,Mumbai & IIT Madras	7,204
5		UGC –NET Exam	Tata Consultancy Services Limited, Mumbai & IIT Madras	46,198
6		ICAR EXAM	Tata Consultancy Services Limited, Mumbai & IIT Madras	43,580
7		JIPMER Exam	Tata Consultancy Services Limited, Mumbai & IIT Madras	71,901
Total Amount				5,21,600
1	2018-2019	GATE Online Exam	Tata Consultancy Services Limited, Mumbai & IIT Madras	1,59,750
2		PG NEET and TCS BPS Online Exam	Tata Consultancy Services Limited, Mumbai.	58,300
3		TCS Open Ignite Exam	Tata Consultancy Services Limited, Mumbai	5,800

4		UGC –NET Exam	Tata Consultancy Services Limited, Mumbai.	20,100
5		NPTEL Exam	Tata Consultancy Services Limited, Mumbai	20,000
Total Amount				2,63,950
1	2017–2018	CWE Clerk Mains Online Exam	Tata Consultancy Services Limited, Mumbai.	37,100
2		PG NEET Online Exam	Tata Consultancy Services Limited, Mumbai.	29,300
3		GATE Online Exam	Tata Consultancy Services Limited, Mumbai.	17,300
Total Amount				83,700
1	2016–2017	JIPMER Online Exam	Tata Consultancy Services Limited, Mumbai.	63,600
2		AIMS MBBS 2017 Online Exam	Tata Consultancy Services Limited, Mumbai.	42,120
3		South Indian Bank Clerical Online Exam	Tata Consultancy Services Limited, Mumbai.	16,200
4		GATE Online Exam	Tata Consultancy Services Limited, Mumbai.	36,960
5		KVB Online Exam	Tata Consultancy Services Limited, Mumbai.	25,200
6		CWE Clerical Mains Exam	Tata Consultancy Services Limited, Mumbai.	12,100
7		JIPMER Online Exam	Tata Consultancy Services Limited, Mumbai.	46,000
8		COMEDK Online Exam	Tata Consultancy Services Limited, Mumbai	8440
9		Web design and online application development with shopping mart	Nalan Foods	1,01,100
Total Amount				3,51,720
1	2015-2016	Office Development and Online Transaction Tool for Financial Service	HadBest Financial Service	1,50,300
2		RRB NPTC Exam	Tata Consultancy Services Limited, Mumbai	60,000
Total Amount				2,10,300
1	2014-2015	AIIMS MBBS Online Exam	Tata Consultancy Services Limited, Mumbai	16,960
2		Web Design and Office Automation	Indsoft Technologies, Tirunelveli	1.03,000
Total Amount				1,19,960
1	2013-2014	JIPMER Online Exam	Tata Consultancy Services Limited, Mumbai.	17,800
2		JIPMER Online Exam	Tata Consultancy Services Limited, Mumbai.	19,600
Total Amount				37,400

1	2012-2013	Chennai Metro Rail LimitedOnline Exam	Tata Consultancy Services Limited, Mumbai.	48,600
2		IBPS – Common Written Examination	Tata Consultancy Services Limited, Mumbai.	56,000
Total Amount				1,04,600

## Research Publications

### *International Journal*

1	Dheiveegam and A. Rajiv Kannan and T.Vijayashankar ,“ A Review of Optimization of Banking Information Security Using the Modular Encryption Standard in Mobile Cloud Computing”, e-ISSN : 2582 - 5208, volume 04, Issue 12,Page 618 – 622,December 2022.
2	M. Manikandan and A. Rajiv Kannan ,“Provisioning Intelligent Water Wave Optimization Approach for Underwater Acoustic Wireless Sensor Networks”, Computer Systems Science & Engineering, volume 43, Issue 2,Page 625 – 640,June 2022.
3	M.N.Kavitha and A. Rajiv Kannan ,“Hybrid Neural Network and Long Short – Term Memory Approach for Facial Expression Recognition”, IASC 2022, volume 43, Issue 2,Page 01 – 16,Feb 2022.
4	Vijayanand Sellamuthu Palanisamy, Rajiv Kannan Athiappan, Thirugnanasambandan Nagalingam, “Pap Smear based Cervical Cancer Detection using Residual Neural Networks Deep Learning Architecture”, Wiley Online Library, 18 September 2021.
5	P.Renukadevi, Dr. A.Rajiv Kannan,“Improved Linear factor based Grasshopper Optimization algorithm with Ensemble Learning for Covid – 19 Forecasting”, Neuroquantology, Volume 19, Issue 8, Page 169 – 181, August 2021.
6	P.Anispremkoilraj,Dr.V.Sharmila,Dr.A. Rajiv Kannan,Dr.V.Vennila,S.Savitha “ Personalized Market Basket Prediction” Turkish Online Journal of Qualitative Inquiry (TOJQI) , Volume 12, Issue 3, July 2021:2485- 2493.
7	M.N.Kavitha, V. Vennila, G.Padmapriya, A. Rajiv Kannan “Prevention Of Sql Injection Attack Using Unsupervised Machine Learning Approach” International Journal of Aquatic Science ISSN: 2008-8019 Vol 12, Issue 03, 2021.
8	M. Naveenprabu, A. Yukesh, V. Abishek, S. Savitha, Dr.A. Rajivkannan, K. Logeswaran “ Network Analysis Function Using Machine Learning” Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 3, 2021, Pages. 8616 - 8621 Received 16 February 2021; Accepted 08 March 2021.
9	G.Balaji, L.R.Haritha, M.Mahesh, Dr.A.RajivKannan, “Web Controlled Raspberry Pi Surveillance Robot”, Annals of R.S.C.B, ISSN: 1583-6258, Volume 25, Issue 3, 2021.
10	Ajithkumar S, Dr.M.Somu, Dr.N. Saravanan, Dr.A.Rajivkannan “A Survey on Efficient Crop Yield Prediction Using Random Forest Algorithm” International Journal of Innovative Research in Computer and Communication Engineering e-ISSN: 2320-9801, p-ISSN: 2320-9798  www.ijrcce.com Impact Factor: 7.488 Volume 8, Issue 12, December 2020
11	Anispremkoilraj, Dr.A.Rajiv Kannan, Dr.V.Vennila, Dr.V.Sharmila, Mrs.S.Savitha, “A Survey on Personalized Market Basket Prediction using TARS based Predictor”, International Journal of Innovative Research in Computer and Communication Engineering, Volume 8, Issue 12, December 2020.



12	V.Vennila, S.Savitha, A.Rajiv Kannan, “ A Smart Access Control method for Online Social Networkbased on Support Vector Machine”, International Journal of Recent Trends in Technologyand Engineering, Volume 1, Issue 1, Sep-Oct 2020.
13	Dr.A.RajivKannan, Mrs.R.Banupriya,” A Convolutional Neural Network based Feature Extractor with Discriminant Feature Score for Effective Medical Image Classification”, NeuroQuantology, Volume 18, Issue 7, July 2020.
14	Dr.A.RajivKannan, Mrs.R.Banupriya, “Satellite Image Flood Classification in Urban Areas using B-Convolutional Networks”, Indian Academy of Sciences, <a href="https://doi.org/10.1007/s12046-020-01423-0">https://doi.org/10.1007/s12046-020-01423-0</a> , June 2020.
15	N. Vasuki, A. Rajiv Kannan, “ Big Healthcare data for Trivial client having Novel Smart Attire (NSA)”, Soft Computing (2020), Springer, ISSN 1432 – 7643, Volume 24, Number 24, 25 May 2020.
16	Dr. A. RajivKannan, V. Mohanapriya, B. Bharath Raja, T. Divya, Mr. S. Sadhasivam, “Food Quality Monitoring System”, International Journal of Research and Advanced Development (IJRAD), Volume 3, Issue 6, Feb-20.
17	Dr. A. Rajivkannan , T.K.P Rajagopal, M. Venkatesan “An Improved Efficient Dynamic Load Balancing Scheme Under Heterogeneous Networks in Hybrid Cloud Environment”, Wireless Personal Communications,1 Issue 29 November 2019.
18	Dr. A. Rajivkannan , M. AashifaAafrin, S. Anitha, B. Deepikaa, S. Gowri “Internet Traffic Monitoring to Prevent DDOS Attack Using Trace Back”, International Journal of Engineering Research & Technology (IJERT),Special Issue 2019.
19	Dr. A. Rajivkannan , M. M. Kiruthiga, C. Praveen Kumar, A. Dhenaskumar, S. Manoj “ Prediction of Parkinson’s Disease using Machine Learning Techniques”, International Journal of Engineering Research & Technology (IJERT), Special Issue 2019.
20	V. Vennila, Rajivkannan.A, “Hybrid Parallel Linguistic Fuzzy Rules with Canopy MapReduce for Big Data Classification in Cloud”, International Journal of Fuzzy Systems, <a href="https://doi.org/10.1007/s40815-018-0597-x">https://doi.org/10.1007/s40815-018-0597-x</a> ,2019.
21	K. Ravikumar, A. Rajivkannan, “An Enhancement of Location Estimated and Disaster Event Prediction Using Density Based SPATIO-Temporal Clustering with GPS”Multimedia Tools and Applications, <a href="https://doi.org/10.1007/s11042-019-7583-7">https://doi.org/10.1007/s11042-019-7583-7</a> , April 2019.
22	K. Ravikumar, A. Rajivkannan, “Spatial Data Mining for Prediction of natural events and disaster management based on fuzzy logic using hybrid PSO”, TAGA JOURNAL VOL. 14,ISSN: 1748-0345 (Online),2018.
23	Kanmani P, Dr.Rajivkannan A , “Evaluation of Morphological Responses in ParmotremaTinctorum Lichen Using Back Propagation Neural Networks Collected from Servarayan Hills of Tamilnadu, India”, International Research Journal of Pharmacy, 2017, 8 (4): ISSN 2230 – 8407,2017.

24	Kanmani P, Dr.Rajivkannan A,”Performance Analysis of Noise Filters Using Histopathological Tissue Images In Lung Cancer”, International Research Journal of Pharmacy, Int. Res. J. Pharm. 2017, 8 (1): ISSN 2230 – 8407, 2017.
25	K. Ravikumar, A. Rajivkannan, “Survey of Spatial Datamining Methods for Natural Disaster Management”, Middle-East Journal of Scientific Research 25 (2): 217-227, ISSN 1990-9233, 2017.
26	J. Santhosh, Rajivkannan.A, R. Vijayarajeswari,”Energy Efficient Malicious Node Detection System in Wireless Sensor Networks”, A Journal Indexed in Indian Citation Index DOI NUMBER: 10.5958/2249-7315.2017.00115.0,2017
27	J. Santhosh, Rajivkannan.A, R. Vijayarajeswari,” A Detailed Survey On Malicious Node Detection And Mitigation In Large Scenario Wireless Networks”, International Journal of Engineering Sciences & Research Technology, ISSN: 2277-9655,2017
28	V. Vennila, RajivKannan.A,” Discretized Support Vector Prediction Classifier for Big Data Computation and Information Sharing in Cloud”, Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 2, February 2017, pp. 566-584.
29	J. Santhosh, Rajivkannan.A, R. Vijayarajeswari ,” Energy Efficient Malicious Node Detection System in Wireless Sensor Networks ”, Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 2, February 2017, pp. 624-631.
30	J. Santhosh, Rajivkannan.A, R. Vijayarajeswari,” Performance Analysis of Residual Node Detection and Mitigation Using Feature Set and Classification Approach”, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 4, December 2016.
31	V. Vennila, RajivKannan.A,” Symmetric Matrix-based Predictive Classifier for Big Data computation and information sharing in Cloud”, Computers and Electrical Engineering 56 (2016) 831–841
32	R. Vijayarajeswari, Rajivkannan.A, J. Santhosh,” An Efficient Approach for Malicious Node Detection in Wireless Sensor Networks Using Classifier”, Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 11, November 2016, pp. 81-91.
33	R. Vijayarajeswari, Rajivkannan.A, J. Santhosh,” Survey Of Malicious Node Detection In Wireless Sensor Networks”, International Journal of Emerging Technology and Innovative Engineering, Volume 2, Issue 6, June 2016 (ISSN: 2394 – 6598)
34	R. Vijayarajeswari, Rajivkannan.A, J. Santhosh,” A Simple Steganography Algorithm Based on Lossless Compression Technique in WSN”, Circuits and Systems, 2016, 7, 1341-1351

35	Gnanaprakasam T, Dr. Rajivkannan.A,” Cuckoo Search based Optimal Elliptic Curve Cryptography (OECC) for Text Encryption”, IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 18, Issue 4, Ver. II (Jul.-Aug. 2016), PP 77-81
36	Kamalraj R, Dr. Rajivkannan.A,” Test Case Classification Using Tuned Fuzzy Logic With Test Case Reusability For Test Suite Reduction,” Asian journal of information Technology 15(9):1437-1442,2016 ISSN:1682-3915,2016
37	Gnanaprakasam T, Dr. Rajivkannan.A, “OPTIMAL ECC BASED DUAL ENCRYPTION TECHNIQUE FOR DATA SECURITY IN CLOUD”, International Journal of Advanced Engineering Technology E-ISSN 0976-3945, Vol. VII, Issue II, April-June, 2016.
38	D.Rajkumar, A.RajivKannan , “Enhanced Secrecy-Preserving Peer to Multimedia Sharing based on Recombined Fingerprints” International Journal for Scientific Research & Development, Vol.3,Issue07,2015/ISSN(2321-0613)
39	Dr. Rajivkannan.A , D. Ayyamuthukumar & S Karthik, “Network Anomaly Detection Stochastic Model Analysis”, International Journal of Applied Engineering Research, Vol-10(14), pp 34372-34374,2015.
40	T. GnanaPrakasam& Dr. Rajivkannan.A ,” A review on Security Issues and Challenges in Public Cloud Computing ” , International Journal on Applied Engineering & Research (IJAER), Vol-10(76), pp 18-23 , 2015 Special Issues.
41	Dr. Rajivkannan.A and N S GowriGanesh ,” Capacity Predictor with Varying Pricing Scheme and Interoperability Decision in a Bursting Situation for Cloud Computing Environment”, ARPJ Journal of Engineering & Applied Sciences, Vol-10(5), Mar 2015.
42	A.M. Senthil Kumar, M. Venkatesan and Rajivkannan.A, ”A Novel Approach for Multiple Object Resource Allocation Using Hybrid Algorithm”, Middle-East Journal of Scientific Research 23 (10): 2586-2591, 2015 ISSN 1990-9233, 2015.
43	Dr..Rajivkannan.A and K.Nithya , ”A Modern approach for Urgent Script Cluster Processing and Summarized with Involuntary Length Recognition”, International Journal of Emerging Science and Engineering, Vol-2(5),March 2014.
44	Dr.Rajivkannan.A and T.Krishnaveni, “Efficient Medium Access Control Protocol and DSR for Energy Management in AdHoc Networks”, Journal of Computer Engineering, Vol-16(1), pp 94-98,Jan 2014.
45	Dr.Rajivkannan.A, R. Kamalraj, S.Vaishnavi& S.Suganya,”A Data Mining Based Approach for Introducing Products in SaaS”, International Journal of Engineering Innovative &Research, Vol-1(2), pp 210 – 214, 2012.

46	Dr.Rajivkannan.A and P.Ranjani and R.Kamalraj, “Classification and Selection of Reusable Software Components using Mutation Technique”, International Journal of Computer Science and Technology, Vol-3(3), pp 48 – 489,Sep 2012.
47	Dr.Rajivkannan.A and P.Ranjani and R. Kamalraj, “Reuse Frequency Effect Classification Model (RFEC) for Classifying Reusable Software Components”, International Journal of Engineering Research and Industrial Applications, Vol-5( 4), pp 299-309,2012.
48	Dr. Rajivkannan.A and M.S.Tamilselvi, “Image Compression Algorithm” IOSR Journal of Engineering, Vol-2(6), pp 1357 – 1373, 2012.
49	Dr. Rajivkannan.A, R Anurekha, K Duraiswamy, A Viswanathan, P Arunachalam and K Ganesh Kumar,” Dynamic Approach to Defend against Distributed Denial of Service Attacks using an Adaptive Spin Lock Rate Control Mechanism”, Journal of Computer Science ,Vol-8(5), pp.632 – 636 , Feb 2012.
50	Dr. Rajivkannan.A, R.Kamalraj & P.Ranjani, “Stability Based Component Clustering for Designing Software Reuse Repository”, International Journal of Computer Applications, Vol - 27(3), pp33 – 36, 2011.
51	Dr. Rajivkannan.A, R.Kamalraj, P.Ranjani “Controlling the Design of Reusable Components Using Fuzzy – Logic Approach “A Journal of International Reputed by Institute of Management Studies, Volume VI Issue II 2011
52	Rajivkannan.A, R.Kamalraj, R.Hemarani & P.Ranjani, “Populating New Software Reusable Packages Using Genetic Algorithm”, International Journal of Advances in Science and Technology, Sep 2010.
53	Rajivkannan.A, Duraiswamy K, A.Viswanathan, Dr.V.P. Arunachalam, K.GaneshKumar & S.Anurekha, “A Dynamic Approach to Defend against Anonymous DDoS Flooding Attacks ” ,International Journal of Computer Science and Information Security, Vol-8(7), pp.279 – 284,2010.
54	Rajivkannan.A, Duraiswamy K & Sasikala E, “Qualitative Comparison of 2-Dimensional Directed Geographical IP Traceback with Generalization to N Directions”, CIIT International Journal of Networking and Communication Engineering, Vol-1(6), pp. 255-258, 2009.
55	Rajivkannan.A, R.Kamalraj & R.Hemarani , “Metrics of Reusable Packages for Enhancing the Blocks of Software Project Management”, CIIT International Journal of Software Engineering and Technology, Vol.1(5),pp170 – 178,Aug 2009.
56	Rajiv Kannan.A, Duraiswamy K & SangeethaK , “Three Dimensional Multi Directional IP Traceback: Direction Ratio Sampling Algorithm”, Journal of Computer Science, Vol- 5( 2), pp 136-139 , 2009.

57	Rajiv Kannan.A, Duraiswamy K, Rajavel J, Thiyagarajah K & Suresh V,”16- Directional Geographical Traceback (DGT 16) with Generalization to 2n (n >4) Directions”, International Journal of Computer Science and Network Security, Vol.8(11),pp.221-225,2008 .
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### *International Conference*

1	<b>Mr.A.RajivKannan</b> “Food Quality Monitoring System”, AICTE Sponsored International Conference ICDBSD 2020 held on 22 <sup>nd</sup> February at Nandha College of Engineering, Tamilnadu.
2	<b>Dr. Rajivkannan.A</b> , “Active Recharging for Volatile Energy Consumption in Wireless Sensor Networks ”, 5 <sup>th</sup> International Conference on Advanced Computing Control System, Machines and Embedded Technology(ICACTION2015),held at J.K.K.Nattraja College of Engineering and Technology on 20.03.2015 & 21.03.2015.
3	<b>Dr. Rajivkannan.A</b> & N.S.Gowriganesh, “Approach Architecture Design for Provenance Layer in Open Source Cloud Computing”, International Conference on Emerging Research in Computing Information & Applications,ELSEVIER,,pp.37-40, 2013.
4	<b>Dr.A.RajivKannan</b> “An Analysis of Distributed Denial of Service Attacks Mechanisms”, International Conference “ICACTION-2012” held on 9 <sup>th</sup> and 10 <sup>th</sup> March 2012 at J.K.K.Nattraja College of Engineering and Technology, TamilNadu.
5	<b>Mr.A.RajivKannan</b> “Three Dimensional Multi Directional Geographical Traceback”,International Conference on Advanced Computer Technology”(ICACTION 2011) held on 29 <sup>th</sup> and 30 <sup>th</sup> Jul 2011 at JKK.Nattraja College of Engineering and Technology,Tamilnadu.
6	<b>RajivKannan.A</b> ,Kamalraj.R,Ranjini.P,Hemarani.R “Measuring the Reusability Level of Software Packages using Reusability Testing Scripts”,International Conference on Advances in Information and Communication Technologies ,ICT 2010,Kochi,Kerala,India held on sep 7-9 2010.
7	<b>Rajivkannan.A</b> , Duraiswamy K, Viswanathan A. & ArunachalamV.P,”An Analysis of Current IP Traceback Approaches”, International Conference on Recent Advancements in Electrical Sciences (K.S.R.C.E) Vol. 2, pp. 371-379, Jan 08- 09, 2010.
8	<b>Rajivkannan.A</b> & Duraiswamy K,”Simulating a DDoS attack Using NS and an Analysis of DDoS attack methods, tools, and Defense Mechanisms”,International Conference on Digital Factory , (C.I.T CBE) pp. 73-81 ,Aug 11- 13, 2008.

### *National Journal*

1	<b>Dr.A.Rajivkannan</b> , R.Kamalraj & P.Ranjani , “Controlling the design of Reusable Components using Fuzzy logic approach”, IMS Manthan The Journal of Innovations, vol.6(2),2011.
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### *National Conference*

1.	<b>Dr. A. Rajiv Kannan</b> , “ detecting Stress Level Using EEG Signals Using ML”, National Conference on Emerging Trends in Information Technology, Computer Science and Engineering and Cyber Security – NCETICC’22 at PAAVAI Engineering College on 15.10.2022.
2.	<b>Dr. A. Rajiv Kannan</b> , M. Aashifa Aafrin, S. Anitha, B. Deepikaa, S. Gowri “Internet Traffic Monitoring to Prevent DDOS Attack Using Trace Back”, National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT’19) at K.S.R. College of Engineering on 10.03.2019.
3.	<b>Dr. A. Rajiv Kannan</b> , “Prediction of Parkinson's Disease Using Machine Learning Techniques”, National Conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT’19) at K.S.R. College of Engineering on 10.03.2019.
4.	<b>Dr.A.Rajiv Kannan</b> “Unmanaged IP with Edge Network Management Crisis”,4 <sup>th</sup> National conference on “RECENT TRENDS IN INFORMATION AND INTELLIGENT SYSTEM – RTIIS 12” held on 17 <sup>th</sup> March 2012 at Velalar College of Engineering and Technology,Erode,Tamilnadu.
5.	<b>Rajiv Kannan.A</b> “Address Allocation and Inter Connectivity between IPV4 and IPV6 Hybrid Mobile Ad-Hoc Networks”,National Conference on “COMPUTING AND COMMUNICATION TECHNOLOGIES(N3CT-2012)” held on 16 <sup>th</sup> March 2012 at Surya engineering college ,Erode.
6.	<b>Dr.A.Rajiv Kannan</b> “An Analysis of DDOS Attacks and Mechanisms”,National Conference on “Advances in Computing ,Communication,Electrical and Network Technologies”Organized by the department of Cse ,Sengunthar engineering college on 6 <sup>th</sup> March 2012.
7.	<b>Dr.A.Rajiv Kannan</b> “Efficient Query Extraction Techniques for Large CBIR Systems”,National Conference on “INFORMATION AND COMPUTING SYSTEMS (NACICS’10)” held on 27 <sup>th</sup> March ,2010 at Angel college of engineering and Technology,Angel Nagar,P.K.Palayam,Dharapuram Main road,Tirupur.
8.	<b>Rajivkannan.A &amp; Duraiswamy K</b> , “An Analysis of Distributed Denial of Service Attacks Mechanisms”, National Conference on Recent Trends in Advanced Computing (S.N.S College of Tech.) Oct 06, 2009.
9.	<b>Dr.A.Rajiv Kannan</b> “Network Security – Distributed Denial of Service”,National Conference on “Emerging Issues in Computer Application” EICA-’08 on July 19 <sup>th</sup> 2008 at KSR College of Engineering,Tirchengode.
10.	<b>Rajivkannan.A &amp; Duraiswamy K</b> ,”Address Allocation and Inter Connectivity between IP v4 & IP v6 Hybrid Mobile Ad-Hoc Networks”, National Conference on Emerging Technologies “MKCE-CONFLUENCE 07”March 15, 2007.
11.	<b>Mr.A.Rajiv Kannan</b> ”Address Allocation and Interconnectivity between IPV4 AND IPV6 in Hybrid Mobile Ad-Hoc Networks”,National Conference on Extreme Engineering and

	Technological Advancement XETA-2K7 held at Jayam College of Engineering and Technology,Dharmapuri,TamilNadu during 4 <sup>th</sup> and 5 <sup>th</sup> april 2007.
12.	<b>Rajivkannan.A</b> & Duraiswamy K,”A Fast and Scalable IP Lookup Scheme for High- Speed Networks”, National Conference on Recent Trends in Advanced Computing (S.N.S College of Tech.)Oct 05, 2007.
13.	<b>Rajivkannan.A</b> & Duraiswamy K, “Unmanaged Internet Protocol Taming The Edge Network Management Crisis”,National Conference on Recent Trends in Advanced Computing (S.N.S College of Tech.),Oct 06, 2006.
14.	<b>Rajivkannan.A</b> , “Hybrid Approach For Managing Cost Performance Trade Off In Scheduling For Embedded Multiprocessor SOC's Using Genetic Algorithm”, National Conference on Intelligence Techniques (K.S.R.angasamy College of Tech.,) ,24 <sup>th</sup> Feb 2004.

#### **Sponsored Events Organized**

- Received an amount of rupees 50,000/- from Anna University,Chennai for organizing 6 Days FDTP on Internet Programming from 21<sup>st</sup> to 26<sup>th</sup> February 2022.
- Received an amount of rupees 5,00,000/- from AICTE for organizing Two weeks FDP on Intelligent Objects & Technologies for Building Applications on Data Science with Machine Learning Techniques using Internet of Things from 8<sup>th</sup> to 20<sup>th</sup> March 2021.
- Received an amount of rupees 32,000/- from DST-NIMAT for organizing EDI-NSTEDB sponsored three days National Level Entrepreneurship Awareness Camp in 2019.
- Received an amount of rupees 20,000/- from DST-NIMAT for organizing EDI-NSTEDB sponsored three days National Level Entrepreneurship Awareness Camp in 2018.
- Received an amount of rupees 20,000/- from DST-NIMAT for organizing EDI-NSTEDB sponsored three days National Level Entrepreneurship Awareness Camp in 2017.
- Received an amount of rupees 25,000/- from ISRO for organizing two days National Seminar Soft Computing Techniques in 2017.
- Received an amount of rupees 20,000/- from DST-NIMAT for organizing EDI-NSTEDB sponsored three days National Level Entrepreneurship Awareness Camp in 2016.
- Received an amount of Rs. 23,705/- from Anna University, Chennai under Center for Faculty Development for conducting Seven Days Faculty Development Programme on “Design and Analysis of Algorithms” from 8<sup>th</sup> December to 14<sup>th</sup> December 2014.

#### **Conference/Symposia/Workshop/Seminar/FDP Organized**

- Organized One-day Seminar on “Cloud Computing and its Applications in AWS” - on 14<sup>th</sup> September 2022.

- Organized Six-days FDP on “Deep Learning Techniques - A Practical Perspective” from 25<sup>th</sup> to 30<sup>th</sup> October 2021.
- Organized one-day seminar on “Trends Impacting Technology Teams in 2021 and beyond” on 27<sup>th</sup> August 2021.
- Organized one-day seminar on “Internet of Things for engineering Studies” on 04<sup>th</sup> June 2021.
- Organized two days seminar on “Knowledge Sharing: Emerging Trends in IT Industry” on 20<sup>th</sup> and 21<sup>st</sup> May 2021.
- Organized one-day seminar on “AWS Cloud Computing” on 1<sup>st</sup> May 2021
- Organized ICSSR sponsored Two-days seminar on Cyber Security Awareness Training Program for Women Welfare on 27<sup>th</sup> and 28<sup>th</sup> April 2021.
- Organized one-day seminar on “Introduction to Machine Learning” on 29<sup>th</sup> March 2021.
- Organized AICTE sponsored Two weeks FDP on Intelligent Objects & Technologies for Building Applications on Data Science with Machine Learning Techniques using Internet of Things from 8<sup>th</sup> to 20<sup>th</sup> March 2021.
- Organized AICTE sponsored Two-days International Conference on Current Trends and Challenges in Health Care Informatics and Technology on December 2020.
- Organized One day National Conference on Recent Trends in Information, Communication and Computing Technology in March 2020.
- Organized ISTE sponsored one-day seminar on Power of Visual Learning in 2019.
- Organized ISTE sponsored one-day seminar on Internet of Things for Smarter Environment in 2019.
- Organized one-day National conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT’19) in association with Tamilnadu Events in 2019.
- Organized ICMR sponsored two days National seminar on Impact on Green Computing for minimizing E-waste on human health in July 3<sup>rd</sup> and 4<sup>th</sup> of 2018.
- Organized one-day National conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT’18) in association with Tamilnadu College Events on 7<sup>th</sup> April 2018.
- Organized EDI-NSTEDB three days National level “Entrepreneurship Awareness Camp” from 24<sup>th</sup> to 26<sup>th</sup> October 2017.
- Organized EDI-NSTEDB three days National level “Entrepreneurship Awareness Camp” from 10<sup>th</sup> to 12<sup>th</sup> October 2017.
- Organized EDI-NSTEDB three days National level “Entrepreneurship Awareness Camp” from 4<sup>th</sup> to 6<sup>th</sup> October 2017.
- Organized one-day National conference on Recent Trends in Information, Communication and Computing Technologies (RTICCT’17) in association with Tamilnadu College Events in 22<sup>nd</sup> April 2017.



- Organized SERB sponsored two days National level seminar on Safety Analysis of Nuclear Power Plant Using Computational and Fuzzy Techniques on May 4<sup>th</sup> and 5<sup>th</sup> 2016.
- Organized International Conference on Advances in Electrical and Electronics and Computational Intelligence in 2016.
- Organized Anna University Sponsored seven days Faculty Development Programme on Theory of Computation from June 6<sup>th</sup> to 12<sup>th</sup> June 2015.
- Organized ICMR sponsored National seminar on Emerging tools to analysis brain waves for artificial limb technology in 2015.
- Organized Five Days FDP on HADOOP (Horton works) approved by ICTACT in 2015.
- Organized International Workshop on Ethical Hacking & Cyber Security on October 8<sup>th</sup> and 9<sup>th</sup> 2015.
- Organized National Level Workshop on Multimedia Tools in 2015.
- Organized National Level Workshop on Android APP Development in 2015.
- Organized Hands-on Training Programme on Cloud Using Microsoft AZURE in 2015.
- Organized Anna University Sponsored seven days Faculty Training Programme on Design and Analysis of algorithms from June 15<sup>th</sup> to 21<sup>st</sup> June 2014.
- Organized National Conference on “Knowledge based Scientific Research and Communication Engineering” in 2014.
- Organized Two days Hands-on Training Programme Wired and Wireless Protocol Design using NS2 in 2014
- Organized one-day National seminar on Writing Effective Research Paper(S) & Thesis on 19<sup>th</sup> July 2014.
- Conducted a workshop on “On the aspects of Soft Computing Techniques” in 2014.
- Organized a workshop on “Hands on Training on Latex” on 1<sup>st</sup> February 2014.
- Organized National Conference on “Frontiers of Future Generation Computer Systems and Engineering’13” in 2013.
- Organized one-day National Conference on “Frontiers of Future Generation Computer Systems and 2012.
- Organized National Workshop on “Open Source Software Systems” in 2011.
- Organized National Workshop on “Cloud Computing” in 2011.
- Organized National Conference on “Computer Technological innovation in Information Age’10” in 2010.
- Conducted a workshop on ‘Cryptography & Network Security” in 2010.
- Conducted a workshop on “Ethical Hacking” in 2009.
- Conducted two days National workshop on “Emerging trends on Multimedia” in 2009.

### **Workshop/Seminar /FDP Attended**

- Participated Five Days ATAL Academy Online FDP on “Role of Block Chain Technology in India – An insight into public sector” held at Institute of Road and Transport Technology on 22.11.2021 to 26.11.2021.
- Participated Five Days ATAL Academy Online FDP on “Data Analytics and Machine Learning using Python” held at School of Information and Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya on 12.07.2021 to 16.07.2021.
- Participated Five days ATAL Academy Online FDP on “Data Sciences” held at Institute of Road and Transport Technology on 02.11.2020 to 06.11.2020.
- Participated Five days ATAL Academy Online FDP on “Artificial Intelligence” held at Vellalar College of Engineering and Technology on 24.08.2020 to 28.04.2020.
- Participated Five days Online Short term Training Programme on “Deep Learning Applications and Challenges in Big Data Analytics” held at Vellalar College of Engineering and Technology on 17.08.2020 to 22.08.2020.
- Participated One week FDP on “Recent Trends in cyber Security” held at Pondichery Engineering College on 05.02.2020 to 11.02.2020.
- Participated two weeks FDP on “Internet of things –Vision, Architecture, Building Applications and Research Challenges ” held at Kongu Engineering College on 18.11.2019 to 01.12.2019.
- Participated two-day national seminar on “Effects on Environment and Human Health due to E-Waste” held at Velalar College of Engineering and Technology on 22.02.2018 to 23.02.2018.
- Participated in Two Week ISTE workshop on “Cyber Security” conducted by IIT, Bombay from 10<sup>th</sup> to 20<sup>th</sup> Jul, 2014.
- Participated in two weeks ISTE WORKSHOP was held under the National Mission on Education through ICT(MHRD) on Database Management Systems Conducted by Indian Institute of Technology, Bombay from 21<sup>st</sup> to 31<sup>st</sup> May-2013.
- Participated at the one-day panel discussion on “Autonomy as a cool for quality enhancement “held at Government College of technology, Coimbatore on 26 July 2012.
- Participated in All India Council for Technical Education (AICTE) Sponsored Staff Development Programme on “RESEARCH INITIATIVES IN DATA MINING FOR WEB INTELLIGENCE” from 22<sup>nd</sup> June to 3<sup>rd</sup> July 2012,at K.S.R College of Engineering, Tiruchengode.
- Participated in the Cisco Networking Academy Retooling Workshop 2011 event held on 29 July 2011 at hotel Rathna regent, Avinashi road, Coimbatore, India.

- Participated in the one week Short Term Training Programme (STTP) on “Emerging trends in IT & Wireless Network”, Conducted at SNS College of technology, Coimbatore-35, Tamilnadu, during 24<sup>th</sup> to 28<sup>th</sup> Feb 2009.
- Participated in Two days National level seminar on “Advancements in Digital Signal and Image Processing” held at K.S.R. College of Engineering on 3 Feb 2009.
- Participated in Two days National level seminar on “Research Techniques in Data Mining & Warehousing” held at S.N.S College of Technology on 17<sup>th</sup> and 18 Jul 2009.
- Participated in One Day Workshop on “Simulation Software” (QUALNET & NS2) held at PSNA College of Engineering & Technology on 14 Mar 2009.
- Participated in One-day National level workshop on “Virtual Private Network (VPN)” held at K.S.R. College of Engineering on 3 Jan 2009.
- Participated in Workshop on “Windows (SDK) Programming and Microsoft Foundation Class (MFC) programming” Organized by Sri Krishna College of Engineering and Technology, Coimbatore during 22<sup>nd</sup> and 23<sup>rd</sup> dec-2008.
- Participated in FDP on “J2EE, Eclipse IDE, DB2 & Web sphere” held at Bannariamman Institute of Technology organized by IBM on 9<sup>th</sup> and 10<sup>th</sup> Aug,2007.
- Participated in the National Symposium on “INTELLIGENT DATA ANALYTICS and PATTERN DISCOVERY (IDAPD2007)” during 15-16 March2007.
- Participated in one-day National level seminar on “Emerging trends in Mobile Computing & Network Security” held at S.N.S College of Technology on 21 Sep 2007.
- Participated in Two days National level seminar on “Algorithm Design and Analysis” held at Bannariamman Institute of Technology from 24<sup>th</sup> to 25 Aug 2006.

#### **Guest Lecturer Delivered**

- Delivered a guest lecture on **Problem Solving and Python Programming** in Vidhya Vikas College of engineering and technology on 1<sup>st</sup> July, 2018.
- Delivered a guest lecture on **Knowledge Management** in Vidhya Vikas College of engineering and technology on 6 December 2017.
- Delivered a guest lecture on **Student Motivation Programme** in KSR Polytechnic College on 22 July 2016.
- Delivered a guest lecture on **Digital India Programme** in K.S.R. Engineering College on 29 Nov 2015.
- Delivered a guest lecture on **Student Motivation Programme** in KSR Polytechnic College on 9 July 2015.
- Delivered a guest lecture on **National Broad of Accreditation – Tier II** in Angel College of Engineering & Technology on 7 April 2015.
- Delivered a guest lecture on **Student Motivation Programme** in KSR Polytechnic College on 3 July 2014.

### List of Patents Applied/Published

S.No	Inventor's Name	Type of IPR: Copy right / Trademark	Title	Date of Filling	Application No	Current Status
1.	K., Sathiyasekar; P., Kulandaivelu; M., Venkatesan; A., Rajivkannan; M., Ramasamy; P., Balakrishnan; S., Gopinath; S., Shobana; K., Anand; E. U., Iniyan; E., Dilliraj; N., Sujitha; S., Karthiga; B., Ishwarya and E. D., Valarmathi	Copy right	Dual Windmill in Highway Power Generation	04.05.2022	2021104730	Published
2.	Dr.R.Vijayarajeswari Dr.P.Sureshkumar Dr. A. Rajiv Kannan K.Pugazharasi Dr.K.Sakthivel Dr.K.Sasikala Dr.S.Balamurugan	Copy right	Novel Switching agent for ZIGBEE Wireless Sensor Network using LAR	24.02.2020	202041007785	Published
3.	Dr. A. Rajiv Kannan R. Anitha R.Vijaya Rajeswari P.Nagarajan S.Saranya	Copy right	A Simple and Effective Device for Detecting and Diagnosing the Earlier Diabetes and Thyroid Abnormal	08.04.2019	201941013976	Published

### Awards & Recognitions

- **Acted as Jury** for “Veettukku Oru Vingyani 2022” on 28<sup>th</sup> October 2022 from K.S.R. Polytechnic College, Tiruchengode.
- **Acted as Panelist for the “9<sup>th</sup> ISTE TN Section Annual Polytechnic Faculty Convention** on theme Emerging Technologies and Realities in Technical Institutions” on 14<sup>th</sup> October 2022 from K.S.R. Polytechnic College, Tiruchengode.
- **Award for Achievements in Highest Fund Received** for 2019-20 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Award for Achievements in Highest Fund Received** for 2019-20 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Award for Achievements in Maximum Number of Programs Organized** for 2018-19 from K.S.R. College of Engineering (Autonomous), Tiruchengode.

- **Award for Faculty Interaction with outside World** (Chair person, Guest Lecture given, DC member, Examiner for Ph.D. Viva-Voce) for 2015-16 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Award for Achievements in Highest SI Journals** for 2015-16 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Award for Achievements in Maximum Number of Publications** for 2015-16 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Award for Achievements in Maximum Proposals submitted to Funding Agencies** for 2015-16 from K.S.R. College of Engineering (Autonomous), Tiruchengode.
- **Best Teaching Awards in Engineering for 2015** from Staffordshire University, UK and Education Matters.
- **Award for Achievements in Maximum Proposal Sent to Funding Agencies** for 2014-15 from K.S.R College of Engineering (Autonomous), Tiruchengode.
- **Award received from K.S.R. College of Engineering** for producing 100% results in Anna University, Chennai in the following Course Titles:
  - Open Source Systems (2007)
  - Computer Networks (2008)
  - Total Quality Management (2009)
  - Software Quality Management (2011)
  - Cloud Computing (2013)
  - PC Hardware and Trouble Shooting (2014)
  - Computer Organization and Architecture (2015)

#### **Book Published**

- Fundamentals of Computing & C Programming, “Dr. Rajivkannan.A , J Santhosh and M.Manopriya “ , SCM Publishers , Erode , 2014.

#### **International Editorial Board /Reviewer– Journals**

- Reviewer of International Journal of Business Information Systems (InderScience).
- Reviewer of Biomedical Signal Processing and Control (Elsevier).

#### **Membership in Professional Bodies**

- Life Member: Indian Society for Technical Education (ISTE) [ LM 42132]
- Life Member: Computer Society of India [ 00153295]

[ Dr. A. Rajivkannan ]

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