DEPARTMENT OF
COMPUTER SCIENCE
AND ENGINEERING

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Ready to Explore

Ms.Sri Preetha K.R
Assistant Professor(Sr.G)
Ms.Indhu R
Assistant Professor

Official
NEWSLETTER
Of CSE

The Secret of
Getting Ahead is
Getting Started

Volume 1,
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July 2019

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VISION & MISSION

VISION

To foster the students by providing learner centric teaching environment, continuous learning, research and development to become thriving professionals and entrepreneurs to excel in the field of computer science and contribute to the society.

MISSION

Providing value based education and contented learning experience to the students.

Educating the students with the state of art technologies and cultivating their proficiency in analytical and designing skills.

Enabling the students to achieve a successful career in Computer Science and Engineering or related fields to meet the changing needs of various stakeholders.

Guiding the students in research by nurturing their interest in continuous learning towards serving the society and the country.

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OUR NEW TEAM

Dr. M. Akila Ph.D. currently serves as Head at the Department of Computer Science and Engineering, KPR Institute of Engineering and Technology. She is activity engaged in teaching and research for the last 22 years. Her specialization and major areas of research includes Pattern Recognition, Optimization and Image Processing. She has several research articles published in National and International refereed and indexed Journals of repute with impact factor and citations. She has been convener of many conferences and Program Committee member for many national and international conferences. She has been reviewer for more than 5 scientific research journals.She has held several administrative posts in her illustrious career as Controller of examinations, Chairman of Board of Studies, Member in Research Advisory Committee, Curriculum Development Committee, Governing Council, and Academic council. She is Life Member of many organizations related to Engineering.

Prof. Dr. M. Usha is currently the Director/Centre for Research and Development at KPR Institute of Engineering and Technology, Coimbatore, India. Prior to this, she held the position of Senior Dean and Professor at Sona College of Technology. She held various positions at Sona Tech from July 1999 to May 2019 including Principal, Vice-Principal, Head/ SonaNET Research centre and Chairperson of the Board of studies/Department of CSE. She has over 100 articles published/forthcoming in different peer-reviewed journals and conferences. She has authored a couple of books. She has been a reviewer with many peer-reviewed journals including prestigious journals such as, IEEE Internet of Things Journal, Elsevier Journal of Networks and Computer Applications JCNA, Elsevier International Journal "Adhoc Networks, wer in Elsevier International Journal "Measurement", International Journal of IET WSS, International Journal of Communication Networks and Distributed Systems IJCNDS, Inderscience Publishers and ICTACT Journal on Communication Technology.

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Dr. N. Balaji joined as Professor in Computer Science & Engineering Department and also as a Director in Training Division of this Institute from 01.04.2019. He did his Bachelors in Electronics and Communication Engineering from Madurai Kamaraj University, Madurai. M.E.Degree Specializing in Computer Science and Engineering from Manonmanium Sundaranar University, Trinelveli, Doctorate Degree in Computer Science from Anna Universiy, Chennai. He served as Faculty with Thiagarajar College of Engineering, Madurai and also acted as Head for Information Technology Department. He served for K.L.N.Group of Insitutions for more than 15 years at various capacities including Principal of K.L.N.College of Information Technology, Sivagangai. He also served in P.S.N.A. College of Engineering and Technology, Dindigul. He has 24 years of Teaching Experience. He has 26 Journals/Conference Publications and has authored one Book. Five candidates had completed their PhD under his able guidance. He is the member of Sub Syllabus Committee of Anna University, Chennai. He is a Life Member of Indian Society for Technical Education and is a Fellow of Institution of Engineers (FIE) India.

Ms.M.Suriya, has received her B.E in Information Technology from Avinashilingam University, Coimbatore in 2008 and Master's in Computer Science and Engineering from Anna University of Technology, Coimbatore in 2010. She is pursuing PhD in Information and Communication under Anna University, Chennai. She has about nine years of teaching experience and her areas of interest include Artificial Intelligence, Big Data and Wireless Communication. She has authored more than 25 research papers in refereed International Journals and IEEE conferences and has published six book chapters with reputed publishers. She has obtained one patent and is serving as a reviewer for more that 6 peer journals like Inderscience, Taylor and Francis, MONET, IGI etc. She is certified NVIDIA DLI Ambassador for "Fundamentals of Computer Vision". She has delivered special lectures at FDPs and Workshops on Machine learning and deep learning. She has organized National level Seminar, FDP and workshops. She is serving as Publication Chair for EAI International Conference on BDCC.

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Dr. J. Jeyabharathi is working as Assistant Professor (SI.Gr) in Computer Science and Engineering and has 13 years of experience in Teaching. She received her Ph.D degree in Information and Communication Engineering from Anna University Chennai, in 2018,M.E degree in Computer Science and Engineering from Anna University, Trichy, in 2011 and B.E degree in Computer Science and Engineering from SACS MAVMM Engineering college, Madurai ,in 2004. Her research area includes Data mining, Text Mining, Data Analytics, Big Data, Classification and Clustering methods, Bio informatics. She published 5 Papers in international conferences and in referred journals like Scopus, SCIE. She is a life member of ISTE.

Mr. V. Vijayaganth is working as Assistant Professor in Computer Science and Engineering and has 9 years of Teaching Experience. He has received B.Tech. and M.E Degree from Anna University in 2008 and 2010 respectively. He has published 9 research papers in International Journals (4 SCOPUS indexed Journals), 5 papers in International and National Conferences and 1 Book Chapter. on BDCC.

Ms. R. Sathya is working as Assistant Professor in the Department of Computer Science & Engineering. She received her B.E degree in Computer Science and Engineering from Avinashilingam University for Women with First class-Distinction and her M.E degree in Computer Science and Engineering from Sri Shakthi Institute of Engineering and Technology with First class-Distinction. She is having 8 years of teaching experience as Assistant Professor and her area of interest includes Big Data Analytics and Data Mining. She has published research papers in International and Scopus Indexed Journals. Attended and organized various FDPs, Workshops, symposiums and seminars. She is a member of ISTE and Institution of Engineers (India).

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Mr. Gautam K S is an Assistant Professor in the Department of Computer Science and Engineering, KPR Institute of Engineering and Technology. He has experience in building real-time Video Analytics based intelligent systems. As a Junior Research Fellow in Amrita Vishwa Vidyapeetham, he worked on building Computer Vision applications under Department of Science and Technology. His current area of interest are Deep Learning, Video Analytics and Computational Intelligence. His expertise includes unraveling patterns from Bigdata using Apache Spark, mathematical modeling and building video analytic based applications using Python with Keras in the front end and Tensorflow at the Backend and configuring Embedded System for Vision-based applications. He is pursuing PhD in Video Analytics in Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham.

Mr. S. Srithar, M.Tech.,(Ph.D)., is working as an Assistant Professor in Department of Computer Science and Engineering, since May 2019. He has 6 years of experience in teaching. He received the BE degree in Computer Science and Engineering & M.Tech degree in Information Technology from PSN College of Engineering and Technology, Tirunelveli, Tamilnadu, India in 2011, 2013 under Anna University. He currently pursuing Ph.D degree in Information and Communication Engineering from Anna University, Chennai. So far he published 12 international journals, 16 International/ National conferences and attended 30+ seminar/FDP/workshop events. (FIE) India. His research interests include Wireless networks, Mobile Ad-hoc Networks, Vehicular Ad-hoc Networks etc. He is a life member of ISRD and IAENG.

Mr.M.Naveenkumar is an Assistant Professor in the Department of Computer Science and Engineering, KPR Institute of Engineering and Technology, Coimbatore. He received his M.E. degree with First Class from KPR Institute of Engineering and Technology, Coimbatore and his M.B.A degree with First Class from Bharathiyar University, Coimbatore. He has experience in Software Development Life Cycle around two years. His area of interest includes Artificial Intelligence, Machine Learning and Deep Learning. He attended various workshops, seminars and conferences. He has Published 1 International SCOPUS indexed journal & 1 national journal.

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Mr. M. Premkumar is working as Assistant Professor in the Department of Computer Science and Engineering, KPR Institute of Engineering and Technology, Coimbatore. He received his M.E. (Pervasive Computing Technology) from BIT Campus, Anna University, Trichy and B.E. (CSE) from Noorul Islam College of Engineering, Kumaracoil. He has 5 years of teaching experience and 1.6 years of research experience.He worked for the project titled "A Service-Oriented Pervasive Framework for Smart Hospitals" under the Department of Science and Technology,Government of India. During his project tenure, He was a part of the successful completion of the Web-based Indoor Query System which supports real-time static as well as dynamic spatial queries.

Mr. Veerakumar S. is working as Assistant Professor in the Department of Computer Science & Engineering since May 2019. He received his B.E degree in Computer Science and Engineering from PSG College of Technology and his M.Tech degree in Computer Science and Engineering from Amrita Vishwa Vidyapeetham with First class Distinction. He has 2.5 years of industry experience. His area of interest includes Data Mining, Database Management Systems (DBMS). He has published 2 research papers in Scopus Indexed Journal and 1 research paperi in international journal. Attended various FDPs, Workshops, symposiums and seminars.

One Day Seminar on "**Industry Standards & Future Trends**" on 17th August,2019

Hands on Session on "**Big Data by Parallel Processing using Apache SPARK**" on 07th September,2019

Two Day National Level hands on Training on "**Computer Vision and Video Analytics**" on 13th & 14th September 2019

One Day Seminar on "**Smart Cities using IoT**" on 14thSeptember,2019

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Department Activities

The Seven Day Faculty Development Training Program on “IT6006- Data Analytics” in association with Anna University was conducted during 18th to 24th June 2018, by the Department of Computer Science and Engineering, KPRIET, Coimbatore. Inaugural function was presided over by the Chief Guest, Mr. S. Kiruba, Design Engineer, Robotics Centre of Excellence, General Electric Company, Bangalore, Dr. N. Yuvaraj, HOD, CSE welcomed the gathering, Dr. K. Bommanna Raja, Principal, KPRIET and Dr. K. Vishnu Kumar, Head, Centre for Research and Development, KPRIET followed by the informative session on Introduction and concepts of Data Analytics. The afternoon session focused on the real-time usage of Data Analytics. The last session of the first day was about the basics of statistical concepts required for data analytics. The seven day FDP was coordinated by Mr. V. Sakthivel, Assistant Professor (Sr.G) and Dr. M. Priyadharshini, Associate Professor.

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Department Activities

The One Day Seminar on “BLOCK CHAIN TECHNOLOGIES,ARCHITECTURE CONSENSUS AND FUTURE TRENDS” was conducted on 28th December 2018, by the Department of Computer Science and Engineering, KPRIET, Coimbatore. Inaugural function was presided over by the Chief Guest, Mr. Mahesh M, Software Engineer, Atos Syntel Technologies Pvt Ltd, Chennai, Dr. N. Yuvaraj, HoD/CSE and Mr. V. Sakthivel, AP/CSE welcomed the gathering, followed by the informative session on Introduction and concepts of Block Chain. The AN session focused on the Consensus and Smart Contracts. The last session of the day was about the International Certification on Block chain was discussed. The One Day Seminar was coordinated by Mr. V. Sakthivel, Assistant Professor (Sr.G) / CSE. Finally the program ended with valedictory function and Certificate Distribution presided by Dr. N. Yuvaraj, Head of the Department, CSE and the II, III and IV Year students of CSE are actively participated and it will be useful for them to do projects in this domain.

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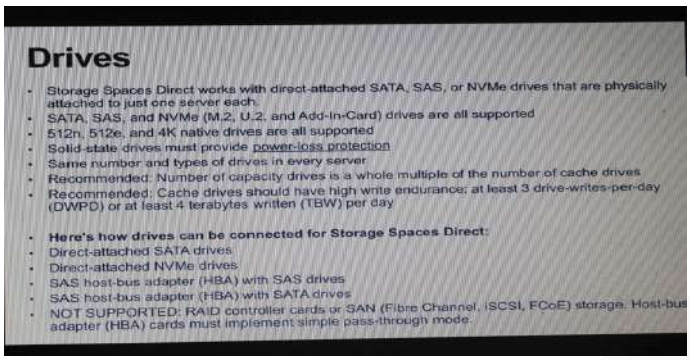
Department Activities

The Live Webinar Session on “SOFTWARE DEFINED STORAGE” was conducted on 21st February 2019, by the Department of Computer Science and Engineering in association with ETCIO.com (An initiative of The Economic Times), KPRIET, Coimbatore. The live webinar session handled by Mr. Avinash Kumar Singh, Partner Technical Consultant, Microsoft and Mr. Abdul Rahman, Senior Pre-sales Solution Architect, Fujitsu. The Live webinar is scheduled between 3.00 pm to 4.00 pm. In this one hour session they covered basic concepts of storage like HDD,SSD and server side storage concepts like SAN, NAS, etc. This live webinar was coordinated by Mr. V. Sakthivel, Assistant Professor (Sr.G) / CSE. The II Year students of CSE are actively participated and it will be useful for them to do projects in this domain.



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Department Activities

The Department of Computer Science, KPRIET, Coimbatore in association with CSI conducted a CSI State level student convention as official two day Symposium (TEKNOKRET 2K19) on March 8th & 9th 2019. The convention enhanced with two day events, Day 1 with Papyrus, Eureka, Fisheye, Brain squeezer & Bug war followed by Day 2 event as a one day workshop on Artificial Intelligence & Machine learning. The Symposium wrapped up by distributing the prize worth of 25K.

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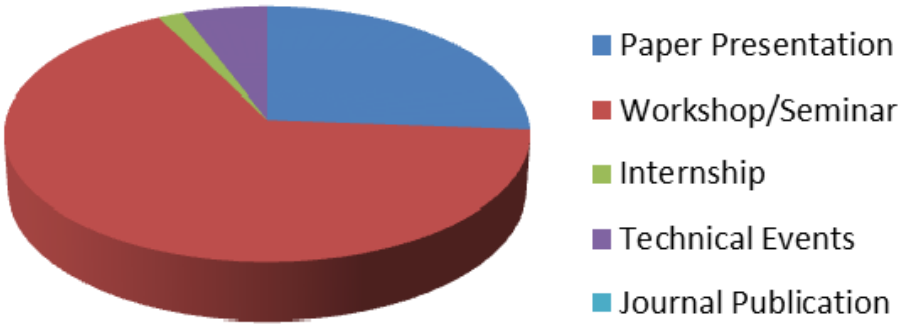
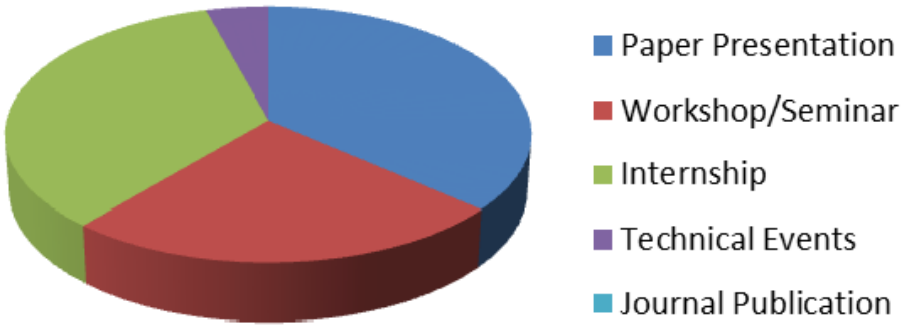
Student's Participation

2013-2014



2014-2015



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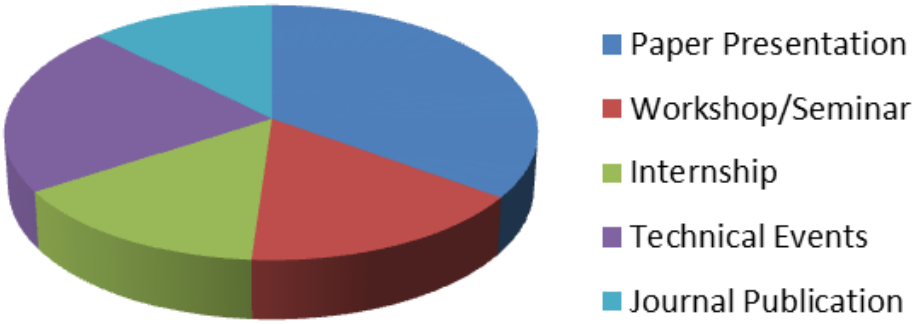
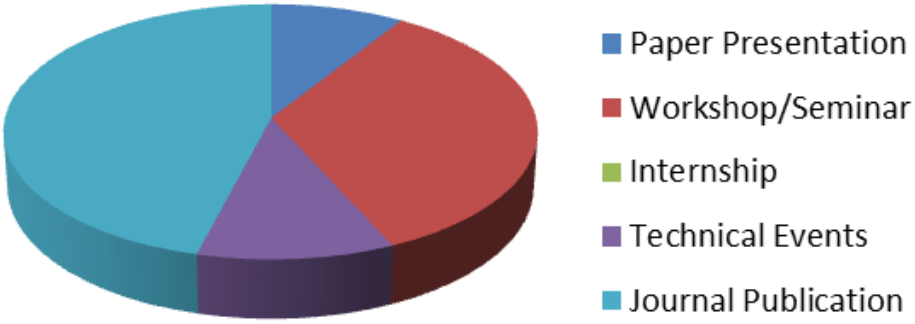
Student's Participation

2015-2016



2016-2017



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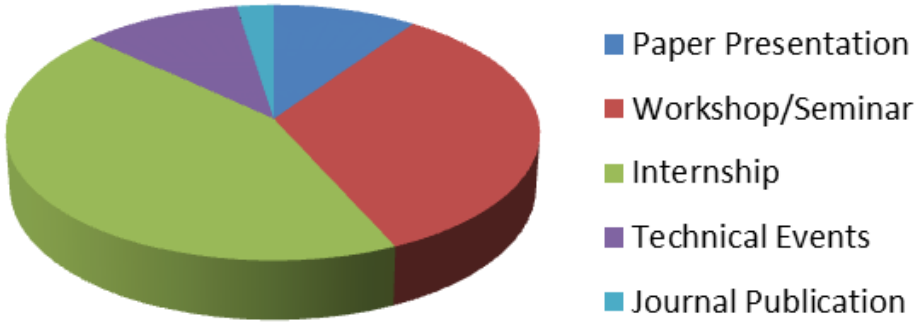
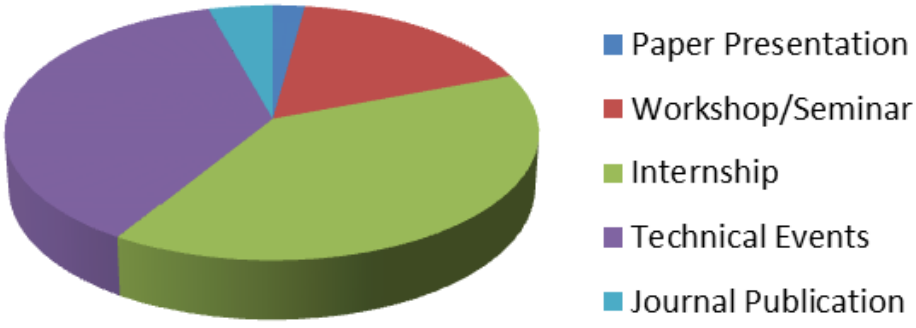
Student's Participation

2017-2018



2018-2019



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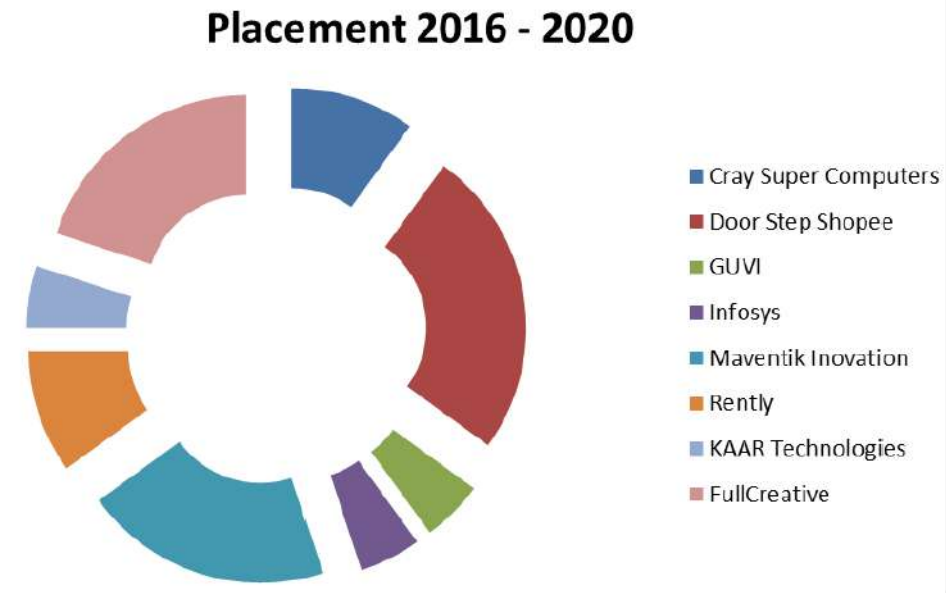
STUDENT'S ACHIVEMENT

Contest	Organizer	Domain	Award/Prize
National Level Project Contest	IIT – Roorkee	Big Data	1st prize
National Level Project Contest	Prompt InfoTech	Search Engine Optimi-zation	Cash Award Rs.40,000
CODE IN INDIA	GUVI, Chennai	24 Hours Non-Stop Coding Contest	2nd prize
TECHgium	L&T Technology Services	National Level Project Contest	1st prize
Zonal Meet	Anna University, Chennai	Basket Ball	2nd and 3rd prize
Park Trophy	Park Institutions, Coimbatore	Ball Badminton	1st prize



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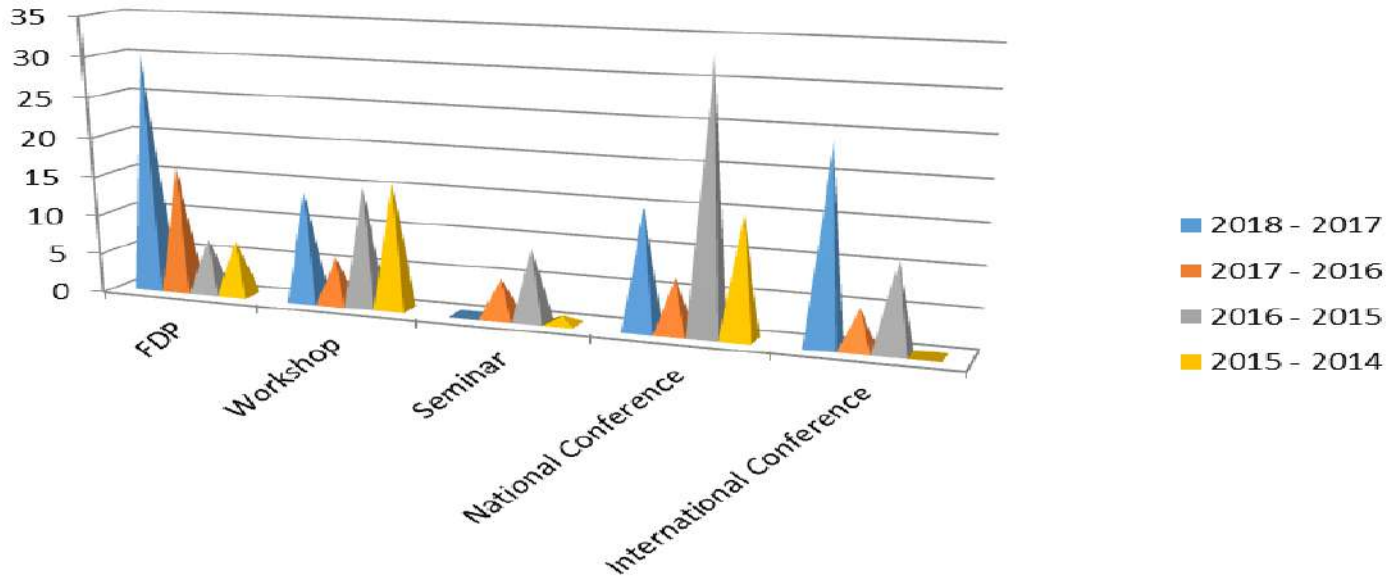
Faculty Participation



Mr.M.Saravanan has participated in National Workshop on Vehicular Adhoc Networks and its Security at SRM Institute of Science and Technology, Kattankalathur on 27.09.2018.

Ms.K.R.Sri preetha & Ms.R.Indhu has participated in workshop on Big data processing using ML, at NIT, Warangal from 27.05.2019 to 31.05.2019

Ms.G.Jenifa & Ms.R.H.Aswathy has participated in STTP on Recent Trends in Internet of Things and Robotics at IIIT, Pune on 08.12.2018.

Mr.K.Kamaraj has participated in QIP Sponsored Short Term Course on Machine Learning in Image and Video Analytics at IIT , Varanasi (BHU) from 03.12.2018 to 09.12.2018.

Dr.N.Yuvaraj & Dr.K.Vishnu Kumar has participated in workshop on Cyber Security at Sree Vidyanikethan Engineering College, Tirupati on 28.09.2018.

Mr.R.Sivaramakrishnan has participated in workshop on Fundamentals of Cloud Computing at IIT,Kharagpur from July 2018 to October 2018.

Mr.V.Sakthivel, Mr.K.Kamaraj, Mr.S.Kandasamy, Ms.C.S.Madhumathi, Ms.R.Indhu, Ms.K.Vidhya & Mr.M.Saravanan has participated in One Day Workshop on Machine Learning and Artificial Intelligence at KPRIET,Coimbatore on 09.03.2019.

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