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# SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 44. [www.sairamit.edu.in](http://www.sairamit.edu.in)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Name : P.Rayavel

Designation : Assistant Professor-III

Email : rayavel.cse@sairamit.edu.in

Qualification : M.E

Specialization : CSE

Research Interest : Image Processing, Data Mining

Experience in years : Teaching UG  PG  Industry

No. of Workshop/Conferences/  
FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
FDP Organized : Workshop  Conferences  FDP

Professional Membership	-
Publications	National :-3
	International: 5
	Book :-
Research Funded Projects	NIL
Patents	NIL

Achievements	Cash award for 100% result in <b>Theory Of Computation, Artificial Intelligence, Data Analytics, Human computer interaction, Software Project Management, OOP &amp; Data Structure and Object Oriented and System Design,</b>
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**List of Publications:-**

1. **P.Rayavel** “**Medical imagine using Digital Image Processing**” has been published in AETSD - International Journal Of Multee - Disciplinary Research Volume 3,Issue 2, March – April 2017
2. **P.Rayavel** “**Methods to Identify the flaws in the Unsupervised Clustering Methods and Their Evaluation by Analytical Study**” in the International Conference ICCIT’15 held on August 13<sup>th</sup> &14<sup>th</sup>, 2015 at Sri Sairam Institute of Technology.
3. **P.Rayavel**, “**Noise Removal For Object Tracking Based on HSV Color Space Parameter Using CAMSHIFT**”, ICCOS`11 *International conference on Communication and Signal Processing [ISSN-2229-3078]* in Karuniya University presented on 17<sup>th</sup> and 18<sup>th</sup> Mar `11
4. **P.Rayavel**, “**Recognise the Script using Online Handwrittern Document**”, 2<sup>nd</sup> *National conference on Reasearch Issues In Computer Science & Engineering [ISBN-978-81-920889-0-7]* in RMK Engineering College presented on 1<sup>st</sup> and 2<sup>nd</sup> March `11.
5. **P.Rayavel**, “**CAMSHIFT Object Tracking Algorithm Based On Inter-Frame Difference For Noise Removal**” ,*International conference on Information Communication and Embedded Systems[ISBN-978-93-80697-65-9] (IEEE& CSI) in S A Engineering College* presented on 23<sup>rd</sup> and 24<sup>th</sup> Feb `11.

**List of Patent : NIL**

**Workshop / Conferences / FDP Attended:-**

**1. Workshop:**

1. **P.Rayavel**, “**Computational Intelligence, Theories, Application and Future Direcions**”, International Workshop in SRM UNIVERSITY, in association with IEEE SOCIETY 11<sup>th</sup> July 2013.
2. **P.Rayavel**, “**Mobile Computing**”, *National Workshop in RMK Engineering College, 11<sup>th</sup> AND 12<sup>th</sup> Feb 2011.*

3. **P.Rayavel, “Emerging Trends in Image Processing”**, *National Workshop in Sri Ram Engineering College, 18<sup>th</sup> August 2010.*

**FDP:**

1. Attended 10 Days Workshop On **Cloud and Automation** at **“TCS”, Chennai** from 28.12.2016 to 06.1.2017
2. Attended 2 Days Workshop On **Python Programming** held on Jeppiar SRR engineering college, Chennai” from 18.08.2017 to 19.08.2017
3. One day Faculty Development Program on **“Cloud Computing and Big Data”** conducted by Dept of CSE at **SRI SAIRAM ENGINEERING COLLEGE** on 8<sup>th</sup> and 9<sup>th</sup> December 2014.
4. Attended an IEEE sponsored workshop on **“Emerging Trends and Future Perspective in Image Processing and Computer Vision”** by Sri Sairam Engineering College.
5. **P.Rayavel, “Semantic Web-Applications and Applied Image Processing”**, held in Third IEEE International Conference On Signal & Image Processing Organized by *RMD Engineering College, 15<sup>th</sup> – 17<sup>th</sup> Dec 2010.*
6. Attended faculty Enablement Program on **“A step to outcome based Accreditation”** at **Sri Sairam Institute of Technology** on 4<sup>th</sup> April 2015.
7. **P.Rayavel, “Advanced Web Technologies”**, Organized by *Sona College of Technology, Salem in April 30<sup>th</sup> – May 12<sup>th</sup> 2012.*
8. **P.Rayavel, “Research issues in Computational Grid and Cloud Computing”**, Organized by *Kongu Engineering College, May 25<sup>th</sup> – June 7<sup>th</sup> 2012.*
9. **P.Rayavel, “CAMPUS CONNECT PROGRAM ON INFOSYS”**, FDP Program in Kamaraj College of Engineering, at 27<sup>th</sup> Sep to 30<sup>th</sup> Sep 2012.

**Conference:**

1. **P.Rayavel, “Detection And Classification Of Animals To Alert Vehicles On Roads To Avoid Collision”** national Conference on Information and communication engineering (NICE 17) during 21<sup>st</sup> April 2017 In Sri Sairam Institute Of Technology
2. **P.Rayavel, “VOLUNTANOVO”** National Conference on Information and communication engineering (NICE 17) during 21<sup>st</sup> April 2017 In Sri Sairam Institute Of Technology
3. **P.Rayavel, “Noise Removal For Object Tracking Based on HSV Color Space Parameter Using CAMSHIFT”**, ICCOS`11 *International conference on Communication and Signal Processing [ISSN-2229-3078] in Karuniya University presented on 17<sup>th</sup> and 18<sup>th</sup> Mar `11*

4. **P.Rayavel, “Recognise the Script using Online Handwrittern Document”**, 2<sup>nd</sup> *National conference on Reasearch Issues In Computer Science & Engineering [ISBN-978-81-920889-0-7] in RMK Engineering College presented on 1<sup>st</sup> and 2<sup>nd</sup> March `11.*
5. **P.Rayavel, “CAMSHIFT Object Tracking Algorithm Based On Inter-Frame Difference For Noise Removal”** ,*International conference on Information Communication and Embedded Systems[ISBN-978-93-80697-65-9] (IEEE& CSI) in S A Engineering College presented on 23<sup>rd</sup> and 24<sup>th</sup> Feb `11.*
6. **P.Rayavel, “Noise Removal For Object Tracking Based on HSV Color Space Parameter Using CAMSHIFT”**, *ICCOS`11 International Journal of COMPUTATIONL INTELLIGENCE & TELECOMMUNICATION SYSTEMS [ISSN-2229-3078] in Karuniya University presented on 17<sup>th</sup> and 18<sup>th</sup> Mar `11.*

**Workshop / Conferences / FDP Organized:-**

1. Organized first International Conference on Computing and Information Technology (ICCIT`15) during August 13<sup>th</sup> & 14<sup>th</sup> 2015.
2. Organized Second **National Conference** on Information and communication engineering (NICE 17) during 21<sup>st</sup> April 2017.
3. Coordinator for **PROJECT EXPO`17** Events in March 2017.
4. Workshop on **MVC Paradigms WORKSHOP** for 3<sup>th</sup> Year CSE and IT Students from 7.8.2017 to 12.8.2017.
5. Organized Two days Workshop on **DOT NET PROGRAMMING** in Association with Computer Society of India from 13.07.2017-14.07.2017
6. Organized 4 Days Workshop on **HADOOP** through ICTACT for 4<sup>th</sup> Year CSE and IT Students(22.8.16-24.8.16,26.08.2016)
7. Organized 2 Days Workshop on “**Java Frameworks**” from 04.08.2016 to 05.08.2016.
8. Organized one day workshop on **LEX and YAAC tool** in Principles of Compiler Design on 24.2.16
9. Attended a faculty Development Program on “**Introduction to PHP and MYSQL**” during 18/6/15 and 19/6/15.
10. Organized International Seminar on “**Recent Trends in Computer Technology**” by Dr.Emerson Raja Joseph, Multimedia University, Malaysia on 2-09- 2014
11. Organized Guest Lecture on “**Theory of Computation**” by Mr. V. Vijayarajan, VIT University, Vellore on 30.6.2014
12. Organized Guest Lecture for various subjects like AI, DSP,
13. Organized Workshop on “**ANDROID**” by Mr.Pramod Mooriath, Chairman, CSI Chapter on 11.7.2014.