SAI RAM INSTITUTE OF TECHNOLOGY

Sri

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DEPARTMENT OF INFORMATION TECHNOLOGY
FACULTY PROFILE

Name: R.JEGATHA	**Photo:**
Designation:	**Assistant Professsor**
Qualification :	**B.E,M.E.,**
Area of Specialization :	**Computer Science and Engineering**
Experience :	**Teaching Experience : 7.9 Years**
	Industrial Experience : -
No. of workshop / Conferences / FDP attended :	**Workshop : 6** **FDP :20** **National Conference : 9** **International Conference : 4**
No. of workshop / Conferences / FDP organized:	**Workshop : 3 - FDP :1 National :-** **Conference : - Guest Lecture :2**
Funded Projects	**NIL**

Publication :	**Journal:**
	   National : -9
	   International: -
	 Conference
	   National : - 5
	   International : -2

Courses Taught in UG / PG Level:

 Operating Systems, Object Oriented Programming, Database management system, Mobile Computing, Computer Organization and Architecture, Problem Solving and Python Programming.

No. of Workshop/Conferences/ FDP Attended:

FDP [15]   Workshop [4]   Conferences [3]

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No. of Workshop/Conferences/ FDP Organized:

FDP | 2 | Workshop | 3 | Conferences | 0 |

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Professional Membership	**IEEE, CSI, ISTE, IAENG**
Publications	No. of papers published in National Journals / Conferences : 4
	No. of papers published in International Journals / Conferences: 3
	No. of Books published :NIL

Name of the Book	ISBN No:	Year of Publication
-	-	-

Research Guidance	No.Of UG Students Guided: 15

No.Of PG Students Guided: 02

No.OfPh.Ds Guided: NA |
| Research Funded Projects | Blindwalker funded by DST(AICTE) |
| Patents | Filed: 01   Published:02

Granted: NIL |
| Technology Transfer | Conducted **Technical Symposium, Guest lecture** under CSI & IIC(MHRD) |
| Achievements | 1. Completed NPTEL IOT certificate on April 2018
2. Completed Honeywell AWS train the trainer session January 2022. |

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PROFESSIONAL EXPERIENCE:
Teaching Experience

S.No	Organization	Post Held	Number of Years	From	To
1.	**Prathyusha Institute of technology & management**	AP-III	1.3	21.06.2012	14.08.2013
2.	**Sri Sai Ram Institute of Technology**	AP-III	6.10	5.6.2015	**Till date**

Industrial Experience

S.No	Organization	Post Held	Number of Years	From	To
-	-	-	-	-	-

PAPERS PUBLISHED :

S.No	Conference	Title	Held on	Place
1.	International Conference on Electronics and Communication Engineering.	*"Retina Blood Vessel Segmentation using Gray-Level and moment invariant based features"*	April 2011	Sri Lakshmi ammal Engineering College
2.	International Conference on Computing and Information Technology	*"Data Security Using Third Party Auditor and Encryption Services In Cloud Computing"*	August 2015 13 & 14th	Sri Sai Ram Institute of Technology
3.	International Conference on Recent Trends in Engineering and Technology ICRTET 2017	*"Design And Development Of Iot-Based Wearable Health Monitoring System",*	5-6th May 2017	St Joseph's Institute of Technology
4.	International Conference on Recent Developments in Engineering Management Sciences and Technology	*'Secured ATM Transaction through Mono-Alphabetic Encrypted Cipher text "*	16th March 2019	Dhaanish Ahmed College of Engineering
5.	2021 4th International Conference on Computing and Communications Technologies (ICCCT)	*To Save Water Using Pervious Concrete and Measure the Underground Water Table Level Using Internet of Things and Cloud Computing*	2021/12/16	IEEE

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6.	Ilkogretim Online	*Detection Of Suspicious Activity In Atm Using Deep Learning*	2020	Ilkogretim Online
7.	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	*A Supervised Classification Techniques to Optimize Error Evaluation and Space Complexity*	2021	IJITEE Journal
8.	Elsevier	*An IOT used piezoelectric sensor used power generation through footsteps*	2021	Materials Today: Proceedings
9.	ITM Web of Conferences	*Air 100 UAV for Law and Enforcement Applications*	2021	EDP Sciences

PAPERS PRESENTED –NATIONAL CONFERENCE:

S.No	Conference	Title	Held on	Place
1.	International Conference on Electronics and Communication Engineering.	*"Retina Blood Vessel Segmentation using Gray-Level and moment invariant based features"*	April 2011	Sri Lakshmiaammal Engineering College
2.	National conference on "Emerging Issues In Computer Applications" conducted by Department of Computer science and Engineering.	*"Segmentation of retinal characteristics through moment invariant features"*	February 2012	K.S.R Engineering college, Tiruchengode
3.	National conference on Latest Issues in Information Technology (2012) organized by the department of Information Technology,	*"Vessel Segmentation using Gray-Level and moment invariant based features"*	March 2012	RMD Engineering College
4.	International Conference on Recent Trends in Engineering and Technology ICRTET 2017	*"Design And Development Of Iot-Based Wearable Health Monitoring System"*,	5-6th May 2017	St Joseph's Institute of Technology

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5.	National conference on "Recent trends in Computing and Information Technology" conducted by Department of Information technology	*"Automatic Fertigation System Using PH Sensor"*	7th March,2019	Sri Sairam Institute of technology

INTERNATIONAL CONFERENCE ATTENDED:

S.No	Conference	Title	Held on	Place
1.	International Conference on Electronics and Communication Engineering.	*"Retina Blood Vessel Segmentation using Gray-Level and moment invariant based features"*	April 2011	Sri Lakshmi ammal Engineering College
2.	International Conference on Computing and Information Technology	*"Data Security Using Third Party Auditor and Encryption Services In Cloud Computing"*	August 2015 13 & 14th	Sri Sai Ram Institute of Technology
3.	International Conference on Recent Trends in Engineering and Technology ICRTET 2017	*"Design And Development Of Iot-Based Wearable Health Monitoring System",*	5-6th May 2017	St Joseph's Institute of Technology
4.	International Conference on Recent Developments in Engineering Management Sciences and Technology	*'Secured ATM Transaction through Mono-Alphabetic Encrypted Cipher text "*	16th March 2019	Dhaanish Ahmed College of Engineering
5.	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	*A Supervised Classification Techniques to Optimize Error Evaluation and Space Complexity*	2021	IJITEE Journal
6.	ITM Web of Conferences	*Air 100 UAV for Law and Enforcement Applications*	2021	EDP Sciences

WORKSHOPS/SEMINARS ATTENDED:
Workshop

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S.No	Workshop on	Held on Date	Place
1.	National Workshop on Intellectual property rights awareness on Electronics & Information technology sectors	6-8,April 2016	VIT University,Chennai Campus.
2.	."Workshop On Python Programming"	17th & 18 th August 2017	Anna University ,Guindy Campus Chennai
3.	Two days virtual workshop on "Art of research"	23.08.21 to 24.08.21	Sri Sairam Institute of Technology
4.	Workshop on "Outcome Based Education and Accreditation" for Engineering Colleges	11th Sep. 2020	G H Raisoni Institute of Engineering & Technology, Nagpur
5.	workshop on "Intellectual property rights and IP Management for start up"	16.02.2021	SRM Institute of Science and Technology - Ramapuram Campus
6.	Workshop on "Secrets of breath"	25.02.2021	Sri Sairam Institute of Technology

FACULTY DEVELOPMENT PROGRAM ATTENDED:

S.No	FDP on	Held on Date	Place
1.	AICTE sponsored Staff Development Programme on "Web services and its applications"	May 2013.	Prathyusha Institute of technology and management, Chennai
2.	Faculty Development Programme on "Wireless network security"	May 2013.	Prathyusha Institute of technology and management, Chennai

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3.	Faculty Development Programme on "Java Fundamentals and Programming"	From July 21 to 28,2017	Rajalakshmi Institute of Technology
4.	Faculty Development Programme on "Teaching Excellence in Engineering & Management Curriculum"	20 & 21st June 2016	Sri Sai Ram Engineering College
5.	Faculty Development Programme on "Python Programming"	17th & 18 th August 2017	Anna University ,Guindy Campus
6.	Faculty Development Programme on "Hadoop(Hortonworks)"	18/07/2016 to 23/07/2016	Sri Sai Ram Institute of Technology
7.	Faculty Development Programme on "GRID & CLOUD COMPUTING"	14.6.2017-15.06.2017	Peri Institute of Technology.
8.	Faculty Development Programme on "Agile methodologies"	10/01/18 - 11/01/18	Sri Sairam Engineering college.
9.	Faculty Connect Programme on "GE8151-Problem solving and python Programming"	5.6.18 to 6.6.18	Sri Sairam Institute of Technology
10.	Faculty Development Programme on"IOT" in NPTEL	12 week course Oct 2018	NPTEL Online Course
11.	FDP on Internet of things using Rasperry Pi	26.06.2019 to 28.06.2019	Sri Sairam Institute of Technology
12.	FDP on **"ICT TOOLS"** (in association with STP - IIT Bombay)	11.5.2019 to 16.05.2019	Sree Vidyyankethan Engineering College.
13.	AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences"	04-05-2020 to 08-05-2020	MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut.
14.	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence"	27-04-2020 to 01-05-2020	MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut

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15.	FDP organised by Spoken Tutorial Project, IIT Bombay- Python 3.4.3 and R	20th April 2020 to 30th April 2020	Easwari Engineering College, Chennai
16.	ATAl –FDP-Internet of Things	8.02.2022 to 12.02.2021	University of Hyderabad.
17.	FDP on Enhancement of Data Analytics for Smart Grid	30.11.2020 to 12.12.2020	KLN college of Engineering
18.	ATAl –FDP-Big Data Analytics with Deep learning	18.08.2021 to 22.08.2021	Poornima Institute of Engineering & Technology
19.	ATAl –FDP-A Pedagogy for for Effective use of 5G Communication Network for Cloud Applications	13/7/21 to 17/7/2017	JNN College of Enginerring Shimoga.
20.	FDP on Recent trends and challenges in AI,IOT and Blockchain	9.02.2022 to 18.02.2022	Easwari Engineering College, Chennai

Workshop / Conferences / FDP Organized:-

FDP Organized:

1. Faculty Connect Programme on "GE8151-Problem solving and python Programming",organised in Sri Sairam Institute of Technology,held on 5.6.18 to 6.6.18

2. Organised Skill Training in Advance Technology with Global Certification through Honeywell Automation CSR initiative for l00 Students in "Sri Sairam lnstitute of Technology" between 20.09.2021 to 25.30.2022.

3. Organised an International technical Symposium "Technoholix Fest 1.0" on 25.11.2022 & 26.11.2022 in association with CSI.

Guest lecture :

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1. Guest lecture on Robotics using IOT Technology at Sri Sairam Institute of Technology on 4th March, 2019
2. Organized a webinar on the topic "LEAN STARTUP & MINIMUM VIABLE PRODUCT" on 30.04.2021.

Appreciation:

1. Speaker for Skill development programme conducted at Sri Sairam Institute of Technology on 3.2.18 to 5.3.18
2. Received and completed "Blindwalker" project funded by DST(AICTE) in the year 2019-2020.