

**Sri Sai Ram Engineering College**  
**Department of Information Technology**

*Name :*

*S.Sheeba Rachel*



*Designation:*

*Assistant Professor*

*Qualification :*

*M. Tech (IT)*

*Area of Specialisation :*

*Big Data Analytics, IoT*

*Experience :*

*Teaching : UG : 09.10 Years*

*Industry :*

*1 Year*

<i>No. of workshop / Conferences / FDP attended :</i>	<i>Workshop</i> : 03 <i>Conferences</i> : 10 <i>FDP</i> : 07 <i>Seminar</i> : 03
<i>No. of workshop / Conferences / FDP organized:</i>	<i>FDP</i> 01 <i>Conferences</i> : 01 <i>Workshop</i> : 01
<i>Funded Projects (Applied)</i>	01
<i>Publication :</i>	<i>Journal</i> 04 <i>National</i> 01 <i>International</i> 03
	<i>Conference</i> 05 <i>National</i> 03 <i>International</i> : 02
<b>Professional Body Membership</b>	UACEE(Universal Association of Computer and Electronics Engineers)- AM101000581308 Member Of International Association Of Engineers (IAENG) - 122182 International Association of Computer Science and Information Technology - 80344682 IEI- M1714664
<b>Staff Achievement</b>	Achieved Cash Prize for 100% result in Computer Architecture, Software Programming Management, Object Oriented Analysis And Design, Embedded Systems, Computer Networks, Computer Programming

## Work Experience

**Assistance Professor**

**Dec 2011 – Till Date**

**Sri Sai Ram Engineering College**

**Assistance Professor**

**June 2011-Dec 2011**

**Sri Ramakrishna Institute of Technology**

**Software Programmer**

**Aug. 2008 to Sep 2009**

**Legend Technologies Pvt. Coimbatore.**

- **Paper Presented**

- S.Sheeba Rachel, "DETECTING THE ABANDONED BOREWELL USING IMAGE PROCESSING", Journal of critical review, ISSN- 2394-5125 VOL 7, ISSUE 14, 2020.
- S.Sheeba Rachel, "Smart Hospitals E-Medico Management System", 2019 International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019
- S.Sheeba Rachel, "Autonomous movable packrat for habitual chores", International Journal of Engineering and Technology(UAE), 2018, 7(2.33 Special Issue 33), pp. 429-431
- S.Sheeba Rachel, "ADROIT LIMB - BRAIN CONTROLLED ARTIFICIAL LIMB", 2019 JETIR April 2019, Volume 6, Issue 4
- S.Sheeba Rachel, "Postal Bag Tracking and Alerting System" at Vels University, proceedings of International Conference on Knowledge Discovery and Computational Intelligence (iCKDCi-2017).
- S,Sheeba Rachel, S.N.Tharunna, V.K. Agathiya, "Applying Social Network Aided Efficient Live Streaming System for Reducing Server Overhead", at Saveetha Engineering College, Proceedings of the National Conference on Instrumentation, Electrical and Electronics Engineering (NCIEEE'16) held on 1<sup>st</sup> April 2016.
- S.Azhagmeena, S.Rajakumari, Sheeba Rachel, "Image Fusion of MRI Images using Discrete Wavelet Transform", held at Hotel Chennai Gateway, Chennai on 2<sup>th</sup>, August 2016, published on Frontiers of Current Trends in Engineering and Technology, **ISBN: 978-1537313573, ISSN: 2456-1185**
- S.Sheeba Rachel, "Probabilistic Flooding based File Search in Peer to Peer Network", Proceedings of National Conference on Green Computing (NCGC 2012) held on 10<sup>th</sup> April 2012
- S.Sheeba Rachel, P.Ganesh Kumar, "Multi Stage for Informative Gene Selection", worked for this paper and published in the Journal of Biological Systems-World Scientific Publishing, Singapore.
- P.Ganesh Kumar, S.Sheeba Rachel, "Mutual Information in Stages for Informative Gene Selection" International Conference on Signal Processing, Communication, Computing and Networking Technologies (ICSCCN-2011) held on 21<sup>st</sup> and 22<sup>nd</sup> July 2011. **Proceeding in IEEE.**
- S.Sheeba Rachel, P.Ganesh Kumar, "Computation of Mutual Information in stages for Gene Selection from Microarray Data" at Kalasalingam University, "Proceedings of second National Conference on Intelligent Techniques in Control, Optimization and Signal Processing"- INCOS-11 pp. 17-23, April(2011). **ISBN 978-93-804660-9-5.**

## **Certified Trainer**

- ICT Academy **certified trainer in C Programming Course Certified**

- Certified “**Artificial Intelligence Foundation**” course at **SSC NASCOMM**

#### **Courses Certified**

- **Certified “Artificial Intelligence Foundation” course at SSC NASCOMM**
- **Certified “Big Data” course at Future Skills NASCOMM**
- **NPTEL**
- **Certificate of Completion Oracle Academy course-Java Fundamentals and Programming on 15<sup>th</sup> July,2016 conducted by Oracle Academy**
- **Certified course completed on AngularJS**

#### **Faculty Development Program / Workshop / Tutorial Attended**

- Attended Online **Faculty Development Programme** on “AR/VR” conducted by **Guru Nanak Dev Engineering College, Ludhiana**.
- Attended Online **Faculty Development Programme** on “Electric Vehicles” conducted by **NIT Mizoram**.
- Attended Online Faculty Development Programme on “BlockChain” conducted by **Punjab Engineering College**.
- Faculty Development Program on “**Faculty Development Programme**” conducted by IIT Madras on 27<sup>th</sup> - 29<sup>th</sup> November, 2019.
- **Certificate of Completion Oracle Academy course-Java Fundamentals and Programming on 15<sup>th</sup> July,2016 conducted by Oracle Academy**
- **Certified course completed on AngularJS**
- Tutorial sessions on “**Internet of Things**” conducted during International Conference on Computing and Communications Technologies (ICCCT’17) held on 23<sup>th</sup> and 24<sup>th</sup> Feb, 2017
- Certificate of participation for two days Faculty Development Program on “**Introduction to Mobile App Development**” conducted by ICT Academy.
- Faculty Development Program on “**Mobile Application Development**” conducted by ISTE CHAPTER on 8<sup>th</sup> and 9<sup>th</sup> January, 2016.
- Tutorial sessions on “**Advanced Computing Technologies**” conducted during International Conference on
- Computing and Communications Technologies (ICCCT’15) on 26<sup>th</sup> and 27<sup>th</sup> Feb, 2015
- Workshop on “**Data Mining**” at Kongu Engineering College.
- Workshop on “**Data Mining Tools**” at SONA Engineering College, Salem.