S Sheeba Rachel

Mobile: +91-94861 97662

E-mail: sheebarachel@gmail.com

Professional Summary

- An innovative and knowledgeable professional having 12+ years' experience as an Assistant Professor and 1 year of Industrial Experience.
- **Doing Ph.D. at Anna University, Chennai and Completed Confirmation.**
- Proficient in developing new lessons and activities to expand learning opportunities.
- Extensive participation in Institutional level responsibilities and extra-curricular activities.
- Excellent knowledge of the subject and also has great practical knowledge.
- Proficient in giving conceptual knowledge.

Technical Skill:

➢ Programming Languages	:	Python, C, JAVA, MAT Lab
➢ Platform	:	Cloud Solution Architect.
➢ Database Manager	:	SQL, Oracle.
➢ Graphics Packages	:	Flash (2D)
➢ Software Skills and Designing :		MS-OFFICE, Dreamweaver, Adobe Photoshop

Experience Summary:

Sri Sairam Engineering College	Chennai	Dec 2011	Till Date
Sri Ramakrishna Institute of Technology	Coimbatore	June 2011	Dec 2011
Legend Technologies	Coimbatore	Aug 2008	Sep 2009

Qualification:

M.Tech	Anna University, Coimbatore,India	2009-2011
B.E	Karunya University,Coimbatore, India	2004-2008

Academic Excellence

➢ **Paper Presented**

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- Sheeba Rachel; Sanjay Krishna B; Saranya A; Yashika R, "Automated Driving License Testing System", International Conference on Power, Energy, Control and Transmission Systems (ICPECTS),Oct 8th and 9th, 2024, IEEE, DOI: 10.1109/ICPECTS62210.2024 , ISBN:979-8-3315-0885-2.

- S.Sheeba Rachel,"Segmentation and Classification of Glaucoma Using U-Net with Deep Learning Model",Hindawi,Journal of Healthcare Engineering,Volume 2022, Article ID 1601354, 10 pages,https://doi.org/10.1155/2022/1601354. 2022-Science Journal

- S.Sheeba Rachel, "EDSYS : A SMART CAMPUS MANAGEMENT SYSTEM" 2022, 1st International Conference on Computational Science and Technology (ICCST)IEEE | DOI: 10.1109/ICCST55948.2022.10040436 (scopus)

- S.Sheeba Rachel,"TRACKME - SMART WATCH FOR WOMEN", 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) | 978-1-6654-6275- IEEE | DOI: 10.1109/ICPECTS56089.2022.10047279 (scopus)

- S.Sheeba Rachel,"Women's Safety with a Smart Foot Device",2021 4th International Conference on Computing and CommunicationsTechnologies (ICCCT), ISBN:978-1-6654-1447-0, DOI: 10.1109/ICCCT53315.2021.9711778 (scopus)

- S.Sheeba Rachel, "Mental Health Monitoring Using Sentimental Analysis", Annals of the Romanian Society for Cell Biology, ISSN- 1583-6258, Vol 25, Issue 5, 2021.(scopus)

- S.Sheeba Rachel, "Facilitation of Multipurpose Gloves for Impaired people", International Journal of Scientific Research in Engineering and Management(IJSREM), ISSN-2582-3930, Vol-05, Issue-04, April 2021.(scopus)

- S.Sheeba Rachel, "Extending OVS With Deep Packet Inspection Functionalities", UGC Journal, ISSN: 2394-3114,Vol 40 issue 3 (s1) February 2020.-UGC Journal

- S.Sheeba Rachel, "Courier Service Management And Tracking Using Android Application", ISSN: 2394-3114, Vol 40 issue 3 (s1) February 2020- UGC Journal
  http://archives.tpnsindia.org/

- S.Sheeba Rachel, "DETECTING THE ABANDONED BOREWELL USING IMAGE PROCESSING" ,Journal of critical review,ISSN- 2394-5125, VOL 7, ISSUE 14, 2020. .(scopus)

- 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 -.(scopus)

- S.Sheeba Rachel, "ADROIT LIMB - BRAIN CONTROLLED ARTIFICIAL LIMB", 2019

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JETIR April 2019, Volume 6, Issue 4 - UGC Journal

- 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-(scopus)

- 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 1st April 2016.

- S.Azhagmeena, S.Rajakumari, Sheeba Rachel, "Image Fusion of MRI Images using Discrete Wavelet Transform", held at Hotel Chennai Gateway,Chennai on 2th, 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 10th April 2012

Book / Chapter Contribution

- Published Book in Machine Learning, "Fundamentals of Machine Learning".
- Management Analytics and Software Engineering, Converging Omni channels and Integrating data for Understanding Customers, Audiences and Media, Management Analytics and Software Engineering ,ESN publication India, 2021, ISBN 978-81-950305-5-2.
- Recent Trends in Engineering and Technology-Edge Computing, SriSairam Engineering College,India, 2020, ISBN-9-788194-714989.

Patent Publication

- Sheeba Rachel, ARTIFICIAL INTELLIGENCE BASED HEART RATE MONITORING DEVICE FOR SPORTS TRAINING, UK Patent, Design number: 6368710, Grant date: 07 June 2024, Registration date: 28 May 2024.

- S.Sheeba Rachel, 2023, IOT based washing machine for agricultural Crops, Certified of Registration for a UK Design, **Granted** on 29/4/2023.
- S.Sheeba Rachel, 2022, Irish Based Human Identity Recognition System Mechanism for Any Organization Using Cloud, Machine Learning and Deep Learning Algorithms, Filed Date : 01/09/2022, Application No.202241050082 A. **Published on 09/09/2022**
- S.Sheeba Rachel,2021, GESTURE BASED ANTI-RAPE DEVICE, Filed Date:21/08/2021,Application No.202141037955 A **Published on 27/08/2021**

Membership with Professional Bodies

Member	IEEE Computer Society	IEEE Computer Society	98126665
Life Member	ISTE Student Chapter membership	ISTE	LM 131638
Life Member	The Institution of Engineers	IEI	M-1714664
Member	UACEE (Universal Association of Computer and Electronics Engineers)	UACEE	AM101000581308
Member	Member of International Association of Engineers (IAENG)	IAENG	122182
Member	International Association of Computer Science and Information Technology	IACSIT	80344682

Institutional Level Responsibilities

- Course Co-ordinator for Cloud Computing and Virtualization.
- innoWAH Coordinator for Sairam Group of Institutions-IITM PALS.
- Department Library In charge.
- Department Sports Coordinator
- Department Digital Ambassador .

Achievements

- Mentor for the Project " Smart Meter and Leccy" and won **IITM-PALS Innowah award** and **SMART INDIA HACKATHON**" by Central Govt. of India.

- Mentor for the Project "Vatten-Water monitoring System" and won first Prize at **Ramaiah Engineering College Hackathon**.

Certified Trainer

- ICT Academy **certified trainer in C Programming Course Certified**
- Certified "**Artificial Intelligence Foundation**" course at **SSC NASCOMM**
- **JAVA Trainer at Azentio company**

Courses Certified

- Completed **NITTT 5 Modules** and certified
- Certified **"PL/SQL Database Programming"** for semester 1 and 2 from Oracle Academy, April 2021.
- Certified "**Artificial Intelligence Foundation"** course at SSC NASCOMM
- Certified **"Big Data"** course at Future Skills NASCOMM
- Completed NPTEL course in **"Data Mining"**
- Certificate of Completion Oracle Academy course-**Java Fundamentals and Programming** on 15th July,2016 conducted by Oracle Academy
- Certified course completed on **AngularJS.**

Faculty Development Program / Workshop / Tutorial Attended

- Attended Online Faculty Development Programme on "**IOT in HealthCare**" conducted by "Indian Institute of Information Technology",Nagpur.
- 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 EngineeringCollege.
- Faculty Development Program on "**Faculty Development Programme**" conducted by IIT Madras on 27th - 29th November, 2019.
- Certificate of Completion Oracle **Academy course-Java Fundamentals and Programming** on 15th July,2016 conducted by Oracle Academy
- Successfully completed course completed on AngularJS

- Tutorial sessions on "**Internet of Things**" conducted during International Conference on

- Computing and Communications Technologies (ICCCT'17) held on 23th and 24th 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 8th and 9th January, 2016.

- Tutorial sessions on "**Advanced Computing Technologies**" conducted during International Conference on

- Computing and Communications Technologies (ICCCT'15) on 26th and 27th Feb, 2015

- Workshop on "**Data Mining**" at Kongu Engineering College.

- Workshop on "**Data Mining Tools**" at SONA Engineering College, Salem.

Work Experience

Software Programmer   **Aug. 2008 to Sep 2009**

Legend Technologies Pvt. Coimbatore.

- ➢ **Project**   **: FINDYOURJOBS**

- ➢ **Project**   **: INTERNAL MANAGEMENT PROGRAMING WITH ADMINISTRATION**
  Client   **:** LEGEND TECHNOLOGIES

  <u>**Responsibilities**</u>:

  - Preparation of Visual Designing

  - Preparation of Coding

  - Database Management

  - Coding for Admin management

  - Uploading to Server

Key Skills

- Excellent interpersonal skills.

- Strong analytical, logical and mathematical skills.

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- Excellent communication skills in written and verbal both.

- Ability in clarifying the doubts

Declaration:

I hereby pledge solemnly that all the information furnished above is absolutely true to the best of my knowledge and test of my understanding.

Date   : Jul 22, 2023   Signature

Place   : Chennai.

(S. SHEEBA RACHEL)