

Basic Details:

- **Name:** Mrs.S.Sindhu
- **Designation:** Assistant Professor
- **Phone Number:** --7200702227
- **Email ID:** sindhus1@srmist.edu.in
- **Area or Subject:** Computer Applications
- **Affiliation:** Department of Computer Applications ,SRMIST

Educational Details:

- **Degree –** MCA.,
- **Area or Subject –** Computer Applications
- **University –** Dhanalakshmi Srinivasan College,Perambalur.(Bharathidasan University)
- **Awarded Year –** 2011.

Other Details:

Courses: (IoT,Machine Learning, Data Mining, Image Processing,Python)

Research Interests: (IoT,Machine Learning, Data Mining, Image Processing)

Selected Publications:

1. “A Role of Machine Learning Algorithm for Business Analytics in Industry”, 4.0 Prediction made for Digital Transformations based on IoT, Vijayalakshmi, S.sindhu Dr.N., UGC CARE LIST, Year 2022.
2. “Internet of Thing-Based Monitoring Systems and Their Applications”, Dr.N.Vijayalakshmi, Mrs.S.Sindhu, Dr.J.Dhillipan, , Year 2021, Pages 133--152
3. “Internet of Thing based monitoring systems and their applications” Dr N.Vijayalakshmi ,S,Sindhu, Dr. J Dhillipan, , Year 2021, Pages 133--152

4. “ Automatic vehicle number recognition system using character segmentation and morphological algorithm “ Vijayalakshmi N.;Sindhu S.;Suriya S., Proceedings of 2020 IEEE International Conference on Advances and Developments in Electrical and Electronics Engineering, ICADEE 2020, Volume , Year 2020.
5. “Feasibility analysis for targeted nodes using signal strength”, S, SINDHU, Bioscience Biotechnology Research Communications, Volume 13, Year 2020, Pages 362--365
6. “ IoT Based Human Temperature monitoring system for intellectual virus spreading like covid-19 “ S, SINDHU, High Technology Letters, Volume 26, Year 2020, Pages 121—133.
7. “ Automatic Vehicle Number Recognition System using Character Segmentation and Morphological algorithm” Dr.N.Vijayalakshmi, Mrs.S.Sindhu, S.Suriya, Year 2020.

Papers Presented:

1. CURRENT SCENARIO OF WEATHER PATTERNS GUAGING USING COMPUTER BASED INTELLIGENCE TECHNIQUES,Mr.A.Vignesh,Mrs.S.Sindhu, Dr.N.Vijayalakshmi,, CURRENT SCENARIO OF WEATHER PATTERNS GUAGING USING COMPUTER BASED INTELLIGENCE, TECHNIQUES, Volume , Year 2023, Pages 59
2. “Credit card fraud detection using Machine Learning implement with”, Logistics Regression, lokeshwari, S.Sindhu Nirupama Pradeep, Year 2022
3. “ Handwritten Digits Recognition using CNN Identifying the Regional Based Writing Style”, S.Sindhu, P M Kavitha, MD.Tafsil, Rajesh Rana, Akshay Kumar Rana,, Year 2022
4. “ A Review on Credit card Fraud detec on applied to different ML algorithm make the decision based on FI-Score”, Dr.N. Vijayalakshmi, S.sindhu , Year 2022
5. “AI Based Analyzing Rule-Based Human Facial Emotion Identification Using Dence CNN” Mrs.S.Sindhu, Ms.Jayashree. B, Ms.varsha Prakash, , Year 2022
6. “An Investigation Of Early Detection Of Driver Drowsiness Using Machine Learning Classifier”, PM Kavitha, Mrs. S Sindhu, S. Suryaprakash, S. Mohithkumar, G. Dilly babu, , Year 2022
7. “A Survey on IoT Usage, A Look at the Digital Transformation In Covid- 19 and Precautions for The Third Wave of Pandemic”, Mr.S.Sabapathi,Dr.N.Vijayalakshmi, Mrs.S.Sindhu, , Year 2021, Pages 32

Patent:

1. “ACCIDENT PREVENTION AND DRIVER SAFETY USING IOT AND MACHINE LEARNING”,Dr. J.Dhilipan,Dr. R.Agusthiyar,Dr. N. Vijayalakshmi,Mrs. S.Sindhu, SRM Institute of Science and Technology Patent No. 20/2022 31192 Engineering and Technology Published, Filed 0000-00-00 Published 0000-00-00

Working Papers:

- “Brain Tumour Image Segmentation ”.

Work in Progress: Yet to Publish Book Chapter” The Reprographic Analysis of Interactive Teaching Online

Video Conferencing Tools Services and features available in Open Source to make the enthusiastic learning for student education “.

Academic Experience:

- SRM IST, Ramapuram Campus, Chennai June 2018 to Till Date
Assistant Professor (O.G), Dept. Computer Applications.
- SRM Axis Intellects(I) Pvt Ltd, Chennai Sep 2012 to May 2018
Technical Trainer.
- Bharathi Womens Arts & Science College, Kallakurichi. May 2011 to Aug 2012
Lecturer, Msc Software Engineering.

Other Professional Experience:

8. Workshops /Seminars/Conferences:

1. “AI Based Analyzing Rule-Based Human Facial Emotion Identification Using Dence CNN “,7 th National Conference on Recent Trends in AI & Data Science ICON’22 – 28th April 2022, ISBN 978-93-5636-168-3.
2. “Handwritten Digits Recognition Using CNN identifying the regional based writing style”, Organized by AJK College association with ISMASI, (ICISMRSS 2022).
3. “Credit card fraud detection using Machine Learning implement with Logistics Regression”, in 7th National Conference on Information and Communication Technologies (NCICT 2022).
4. “STUDY OF MEDICAL IMAGES USING VARIOUS AI TECHNIQUES AND BIG DATA” in International Conference on Innovation & Research in software Application-(ICIARSA-2k21) Organized by the Department of Software Applications, Agurchand Manmull Jain college, Meenambakkam, Chennai, on 15/12/2021.
5. “ A Survey on IoT Usage, A Look at the Digital Transformation in Covid-19 and Precautions for the Third Wave of Pandemic”, in Two days International Virtual conference on “Recent Trends and Techniques in Computing (RTTC – 2021)” , Thiruvalluvar University, held on 16th and 17th of September 2021.
6. “Blockchain Technologies”, 10/7/2021, Organized by department of Computer Applications, Sacred Heart College, Thirupattur.
7. “How to Avoid plagiarism?”, 16/7/2021, Organized by School of Social Science and Language, Vellore Institute of Technology, Chennai.
8. “Effective Research Writing and Scholarly Publishing under UGC STRIDE”, 19/8/2021 to 20/08/2021, Organized by VO Chidambaram College, Thoothukkudi.
9. “How to write effective Funding proposal”, IQAC and Research & Development cell, Marudhar Kesari Jain College for Women, Vaniyambadi on 25.09.2021.
10. One-Day workshop on DevOps organized by the Department of Computer Applications- SRM IST, in association with TechJedi on 03.09.2022.
11. EIGHTS DAYS NATIONAL LEVEL VIRTUAL FACULTY DEVELOPMENT PROGRAMME ON 21st CENTUARY DEVELOPMENT IN INVENTIONS AND INNOVATIONS: A QUALITY INITIATIVE IN TEACHING AND LEARNING STRATEGIES from 20.6.2022 to 27.6.2022.
12. Mrs.S.Sindhu, Dr.N.Vijayalakshmi, “A review on credit card fraud detection apply with different ML algorithm decision making based on FI-Score”, International Conference on Artificial Intelligence and data

science Held on 20-22 september 2022, Organized by dr.vithalrao vikhe patil college of engineering ahmednagar.

Book Chapter Publication:

1. “Internet of Thing-Based Monitoring Systems and Their Applications”, Smart Computing and Self-Adaptive Systems, CRC Publication, 2021. ISBN: ISBN: 978-0-367-74110-5 (hbk), ISBN: 978-0-367-74112-9 (pbk), ISBN: 978-1-003-15612-3 (ebk)
2. “ Machine Learning Using Python”, ESN Publication,2021. ISBN: 9789390 781539.

Achievements and Awards:

Memberships:

1. **Premium Member in IFERP From 2023**
2. **Life time Membe in CSI from 2022**
3. **Professional Member in IAENG from 2021**

Please send in your latest :



PASSPORT SIZE photograph.

Some examples of standard faculty profiles from other institutions:

- <http://isb.edu/faculty/facultydir.aspx?ddlFaculty=246>
- <http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat>
- <http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95>