Dr S.Vasavi

Designation	: Professor
E-Mail ID	: vasavi_movva@vrsiddhartha.ac.in
Contact at	: C142,Department of Computer Science and Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

2010, Acharya Nagarjuna University, Guntur

MS (Software Systems)

1999, Birla Institute of Technology & Science , Pilani

Experience

Period	Designation	Institution / Organization
2010 – Till Date	Professor & Program Co-Ordinator	Velagapudi Ramakrishna Siddhartha Engineering College
2010	Principal	Montessori Siva sivani Institute of Science & Technology
2008 – 2010	Professor & HOD (CSE & IT)	Potti Sriramulu College of Engineering & Technology
1997 – 2008	Asst Professor , Associate Professor& HOD CSE	Koneru Lakshmaiah College of Engineering
1996-1997	Project developer	ST.Franics software solutions (Oracle platform)

Research Interests

Broad Area of Research :
- Knowledge Engineering
- Image Processing

Honors and Awards

- Senior Member IEEE, Member WIE, Member MIR Labs, Life Member CSI
- Completed Collaborative Research work with Professor of Illinois State University in Geospatial Analysis Framework using Cassandra-Hadoop, Spark-MongoDB, Spark-Redis (2015-2018) **with an outcome of 5 Scopus publications**
- Completed Collaborative Research work with Professor of National University of Singapore in Thermal Image Analysis for classifying Geriatric Patients (2016-2018) **with an outcome of ACM and Scopus publication, best paper award at Canada**
- Completed Collaborative Research work with Professor of Michigan State University in Fundus Image Analysis for classifying Diabetic Retinopathy (2017-2019) **with an outcome of Scopus publications**
- Completed Collaborative Research work with Indian National Centre for Ocean Information Services (INCOIS) for Coastal Zone Data Modelling (2018-2019**) with an outcome of patent filing**
- Completed Collaborative Research work with Andhra Pradesh State Disaster Management in solving societal problems (2019-2020) **with an outcome of App development and Patent filing is pending**
- Keynote speaker for IEEE Conference ICOIP 2017 conducted at Singapore, July 2017 and session chair for ICEITEE 2019 conference conducted at Malaysia
- Received Best Paper award at 9th IEEE Annual Information Technology, Electronics, and Mobile Communication Conference (IEMCON 2018) held at University of British Columbia, Canada during 1-3rd November 2018
- Received Best Teacher Award, Vishitta Mahila Award, Conferred Outstanding Women in Engineering Award, Best Faculty in Rural Institution award , Good standing Through 2017 and 2018 from IEEE
- Visited Reputed Universities in U.S.A, Thailand, Singapore, Canada and Malaysia
- Visited National Argonne Laboratory A multidisciplinary Science and Engineering Research Centre, that address vital national challenges in Clean Energy, Environment, Technology and National Security.
- Received UGC Travel grant for presenting Research paper at USA
- Reviewer for Scopus Indexed journals [Inderscience, Image vision and computing, Bigdata Journal] and conferences [Springer, IEEE,Elsevier]
- Mentor for students to present their research work at various national project expos, Smart India Hackathon, conducted by industry and academic institutes

Courses Taught

- Database Management System
- Data Mining
- Big Data Analytics
- Machine Learning
- Data Structures
- Advanced Operating Systems
- E-Commerce
- User Interface Design
- Computer Graphics

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?hl=en&user=sEQYEScAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=23986854500
ORCID	https://orcid.org/0000-0002-3025-5528
Dblp	https://dblp.org/pers/v/Vasavi:S=.html
Publons	https://publons.com/researcher/1883599/s-vasavi/
Research Gate	https://www.researchgate.net/profile/Sanikommu_Vasavi
LinkedIn	https://www.linkedin.com/in/vasavi-sanikommu-32315b136/

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Hyderabad
03	Computer Science and Engineering	KL University, Guntur

Funded Research Projects

Completed	02
On-going	01
Applied	03

Consultancy / Industry Projects

Completed	NIL
On-going	NIL
Applied	01

Patents

Granted	NIL
Published	02
Applied	01

Invited Talks

No. of Invited Talks	20

Professional Service / Reviewer

- Reviewer for IEEE Sr Member Elevation
- Reviewer for Image and Vision computing
- Reviewer for Journal of Big Data
- Reviewer for IGI- Global

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	20
International / National Level Seminars	35
International / National Level Conferences	15
Workshops	15
Instructor Led / Self-Paced Courses	5
Webinars	30

Professional Bodies Membership Details

94173153	Senior Member IEEE & Member Women in Engineering
00136476	Life Member of Computer Society of India
-	Member Machine Intelligence Research Labs, Washington, USA
1174	Life Member (Senior) of ACM ACEEE

(Dr S.Vasavi)

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