

Dr. Singaraju Jyothi

M.Sc., M.S., Ph.D.

Professor

Department of Computer Science (1994-till date)

Sri Padmavati Mahila Visvavidyalayam

Tirupati-517502, A.P.

E-mail: jyothi[at]spmvv[dot]ac[dot]in



Work Experience:

Professor, Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati (2009-to date)

Assoc. Professor, Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati (2003-2006)

Asst. Professor, Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati (1994- 2003)

Junior Lecturer, Govt. Junior College for Women, Godavarikhani (1991-1994)

UGC-JRF, during Ph.D. through UGC-NET (1986-1990)

Research Experience

: Research: **30 years**; Teaching: **28 years** (PG Level)

Research Publications/Book

: International: **180**; Books: **6**; Book Chapters: **10**

National: **36**; Books: **9**; Book Chapters: **11**

Patents Published/Awarded

: International : **1**; National: **5**

Seminars/ Conferences Attended

: International : **52**; National: **26**

Research Projects

: International: **0**; National: **5**; Consultancy: **3**

Ph.D / MPhils/Post Docs Guided

: **23+7+- = 30**

Editorial Board Member/Reviewer : International/ National Journals: **6 / 9**

Seminars/Conferences organized : International : **52**; National : **24**; Workshops: **84**

Titles of Three (3) Best Publications (Last 5 Years) :

Cancer Genome Classification Using Machine Learning Algorithm, European Journal of Molecular & Clinical Medicine
ISSN 2515-8260 Volume 7, Issue 10, 923-935, 2020.

Fuzzy Edge Image Matching Algorithm For Squid Species Identification, Malaysian Journal Of Science
39(3): 95-103, 2020.

Deep Learning Image Processing Technique for Early Detection of Alzheimer's Disease", International Journal of
Advanced Science and Technology Vol.107 (2017), pp.85-104, 2017.

Google scholar Id url : <https://scholar.google.com/citations?user=6JOFdh8AAAAJ&hl=en>

Special Distinctions/Awards/ Honours (State/National/International only):

Best Women Teacher Award -2023 by Vidya Parirakshana Samithi (VPS) in occasion of Women Teacher's Day.

Innovative Computer Science Professor of the Year Award 2022 by Ideal Teaching Award Programme 2022, Raja Ratna Group

INDIA's Most Dynamic Achievers Award by Friendship Forum, 30 July 2021

AP State Best Teacher award 2016.

Albert Nelson Marquis Lifetime Achievement Award 2019, Marquis Who's Who, USA.

Fellow of Andhra Pradesh Academy of Sciences, 2019

Senior Member of IEEE Computer Society (2016 Feb).

Senior Member of ACM Society (2019).

Best Research Award 2018 by Sri Padmavati Mahila VisvaVidyalayam, Tirupati.

Fellow of Andhra Pradesh Academy of Sciences, 2019

Senior Member of ACM Society, 2019.

Albert Nelson Marquis Lifetime Achievement Award, Marquis Who's Who, USA, 2019.

Best Faculty Award from Indian Servers associated with IT Association of Telangana and Andhra Pradesh, 2019.

Lifetime Achievement Award in Science, by Venus International Foundation, Centre for Advanced Research and Design, Chennai, 2018.

Best Research Award by Sri Padmavati Mahila VisvaVidyalayam, Tirupati, 2018.

Bibliography published in Asia of Asia, International, Asia of Asia publishers, 2017.

Senior Member of IEEE Computer Society, 2016.

AP State Best Teacher award, 2016.

Honoured "Rashtriya Gaurav Award" by India International Friendship Society, 2015.

Best NSS Programme Officer, 2007.

Recognition by an Academic Organization:

Senior Member of IEEE Computer Society; Senior Member of IEEE GEO Science and Remote Sensing Society Fellow of ISCA; Member of IEEE CSDL; Member of IEEE Women Membership; Senior Member of ACM Society; Fellow of APAS; Fellow of IETE; Fellow Member of SSARSC; Senior Member of IACSIT; Life Member ISTE; Life Member in CSI; Life Member in ISCA; Life Member of IFERP; Member of IAENG; Life Member of IUPRAI; Life Member of ISRS; EC Member of IETE Tirupati Chapter, 2018-till date.

Administrative Positions:

Director, Central Networking Facility, Sri Padmavati Mahila Visvavidyalayam, Tirupati (2022- Till Date)

Head of the Department of Computer Science, **2008-2011 & 2020-22.**

Secretary, SSIIE-TBI, **2017-till date.**

Coordinator, CURIE-AI, **2019- till date.**

Nominated Faculty to NISP (National Innovation and Startup Policy): U-0034, **2020-till date.**

Convener of SISP (SPMVV Innovation and Startup Policy), **2020-till date.**

Vice President, IIC (*Institute Innovation Cell*), AICTE-MHRD, **2020-till date.**

IQAC Member, **2018-till date.**

IQAC Director, **2016-2018.**

Coordinator, INFLIBNET, **2016-2018.**

Convener, Technical Committee, **2017-2019.**

Member of CAS scrutiny Committee, **2014 – 2017.**

University Automation Technical Committee, **2014-2018.**

AP EAMCET Member, **2017-2018.**

Member in University Digital Library Committee, **2014-2016.**

Director, University Computer Centre, **2012-2015.**

BOS Chairperson of the Dept. of Computer Science, **2012-2015.**

Network Coordinator, **2008-2013.**

IMF Coordinator, **2010-2013.**

BOS Chairperson of the Dept. of CSE, **2011-2012.**

Convener of the online submission of DSIR, **2012**

Member in ICET committee of Andhra Pradesh, **2009-2011.**

NSS Programme officer, unit-VIII, NSS Bureau, **2004-2007.**

Professional/ Academic/ Administrative Recognitions:

NAAC Assessor Peer Team Member.

Mentors in Initiative for Research and Innovation Science (IRIS) for southern region.

Member of KSET 2014, 2015.

BOS Member of Computer Science in SPMVV from 2000 – till date.

BOS Member of Computer Science & Engineering, Sri Venkateswara Engineering College, Tirupati from 2020 to till date.

BOS Member of Computer Science & Engineering, Narayana College of Engineering, Gudur from 2020 to till date.

BOS Member of Computer Science & Engineering, Siddartha Engineering College, Putthur from 2017 to till date.

BOS Member of Computer Science in S.V. University from 2011-2013.

BOS Member of Computer Science in DRW College, Gudur (Autonomous) 2010 - 2012.

BOS Member of Computer Science for under graduate courses, Bangalore University, Bangalore in the year 2013.

BOS Member of Computer Science, Dravidian University, Kuppam from 2010-2013.

JNTUA University Nominee of BOS, SITAMS, Chittoor from 2013.

BOS Member of Computer Science, Rayalaseema University, Kurnool from Feb'2014.

Member of Doctoral committee in Computer Science, Rayalaseema University, Kurnool.

Countries Visited On Academic Assignment :

United Kingdom, Netherlands.

(S. JYOTHI)