

Dr. M. S. S. S. SRINIVAS M.Tech. Ph.D

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ACADEMIC & ADMINISTRATION PROFESSIONAL

- Ph.D Academic professional with experience of **20 years** in optimizing Academic operations, motivating students & staff for self and institutional development, expansion of professional and communicational skills by understanding and managing progressive growth in competitive environment.
- Demonstrated ability to motivate staff to maximum productivity and control over the work through the most effective uses of available technical resources to impart quality education to make qualified student.
- Profound knowledge of working with challenges and leveraging strong relationships with colleagues, students and key decision makers to improve institutional growth and progress.
- Deft in mapping Technical skills, developing Team work, increasing competitive forces & stay firmly afloat with impeccable track record of delivering superior performances under demanding work environments in students.
- Instrumental in designing and implementing innovative strategies for a strong academic growth and development of individual student and overall growth of the institution in progressive approach.

CORE COMPETENCIES

- **Teaching & Career planning:** Provide learner with clear tasks, goals, and requirement and inform them of progress made. Promote pupil participation through problem solving, questioning, discussion and “buzz group” activities. Turn to reading and research for fresh insights and relating these to their classroom and institutional growth. At the outset to be as eternal student and continuing education in a research manner
- **Relationship Team Management:** Maintain good relations with staff, students, HOD's, Principal, Management and other non-teaching staff in a shared and collegial way to ensure the goals are met in the department and overall progress of the institution.
- **Administration skill:** Management Strategizing the long term Academic and professional directions of the institution to ensure maximum profitability in line with organizational objectives by achieving 100% results in academic and accreditation process, and promoting the institution to further career. Conducting seminars, workshops and other promotional activities to the development of the institution both in academic and professional way.
- **Maintenance:** Keeping knowledge about the total infrastructure in the laboratories, checking their conditions time to time by calibrating their performances and suggesting Annual Maintenance. General maintenances like classroom, staffroom and waiting hall maintenance. Attendance, marks and other student & staff benefit.

KEY ACCOLADES (college level Raghu Institute of Technology)

- Currently working at RIT, Dakamarri, Visakhapatnam as Associate Professor, Dept of ECE.
- NBA Coordinator for Criteria 1, 2, 5 & 8. And Department Incharge for NBA.
- BOS Coordinator for AR-20 RIT(A).
- Got ratified as Asst Prof from JNTUK, Kakinada from NRIIT, Vijayawada and RIT, Vizag
- Recognised as APSCHE Q-Leader from Raghu Institute of technology.
- Convener for Institutional Innovation Council (IIC) and Innovation Ambassador (IA's)
- Published one SCI and one Scopus and Another 2 Papers are in pipeline.
- Member for Research Team RIT (A) Research Center

KEY ACCOLADES IN ACADEMICS AND CAREER & PROFESSIONAL PATH

- Certified by UHV-I AICTE.
- Completed NPTEL courses in NATE and Teaching and Learning methods for NBA with Elite.
- Completed Innovation Ambassadors course from IIC AICTE
- Professional Member in IEEE, InSc, Sr. Member SFEM (Scholars Academic and Scientific Society)

- Faculty Advisor IEEE, Comm. Soc, Vizag Bay Section
- Treasurer IEEE, Edu.Sco, Vizag Bay Section.
- Acted as Session Chair ICMEET, Rourakela and IC Meet
- Acted as Session Chair FICTA 2023, Cradiff Metropolitan University UK,
- Reviewer for Springer, AJSE, IJSR & JEAMS
- Awarded PhD from KL University Guntur on July 2020
- Completed M.Tech with distinction with 74.5 % from ANU 2008
- Got University 8th rank in M.Sc., final examinations in 2000 March from ANU.
- Took best teacher award at SARADA PG courses on 5th September 2005
- Submitted and published 5 Scopus 1 SCI and 13 UGC care journals. With H-index 3, citations-45 and i10-1 another (2 papers are in pipeline for publication)
- Organised 15 Workshops,10 Guest lectures from industrial, academics and technical professionals
- Attended 6FDPs, and 7online FDP's

PROFESSIONAL EXPERIENCE

RAGHU INSTITUTE OF TECHNOLOGY, DAKAMARRI, VISAKHAPATNAM Dec'2020 – Till Date

- Teaching, Preparing Materials, Curriculum Co-ordinator, and I/C (2020-2024) Dept of ECE,
- Acted as Resource person for 5 college in promotion of AICTE IIC
- Research wing member applying for funding projects and making continuous tracking for achieving them.
- As a student mentor, counselling the allotted students and keeping track of their progress at regular intervals.
- Publishing technical papers and upgrading knowledge by attending various seminars, workshops on latest technologies, also arranging tech seminars and works shops in the college for the department advancement.
- Scholarship Coordinator, giving awareness to students for applying of scholarships for their merit and other parameters such as regional, ex-serviceman, women, community, and other private sector firms.
- Project coordinator guiding students to make innovative projects both in academics and research and motivating them to orient towards research and applying for higher education courses.

NRI INSTITUTE OF TECHNOLOGY, AGIRIPALLI, POTHAVARAPADU July'15 – Nov'2020

- Teaching and giving materials for the students on subject handled, helping the junior staff in teaching.
- Motivating students for presenting various papers while developing their technical and communication skill.
- Helping students to make different projects related to technical and self growth.
- As a coordinator of M. Tech, Responsible to conduct smooth running of class work for the course.
- Organising Board of Studies meeting for syllabus framing to PG course. Arranging PG Project Reviews
- Playing a active role in the department as Department coordinator for NSS, with awareness programs
- Making material and arranging periodical seminars and also making students to publish Research oriented papers.
- Motivating PG students for going to publishing in peer reviewed journals.

VSM COLLEGE OF ENGINEERING, RAMACHANDRAPURAM

July'14- June'15

- Responsible for overall development of the department both academic and administration.
- Responsible for conducting & organising seminars, workshops, other FIP & student growth programs.

- Responsible for maintaining general activities like student attendance, timetable activities etc.
- Creating a friendly environment for staff and students to work in symphony.
- Motivating Staff to give required material and support for student in every aspect.
- Controlling, monitoring and suggesting the management about the various progressive activities in the department for annual maintenance and overall growth of the organisation.

MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE, GUNTUR

June'12 – June'14

Associate Professor.

- Organised and made students tend towards paper presentations and project works.
- Maintaining general data viz., student data, attendance, timetable and other departmental records etc.
- Motivating and imparting technical skills in students for upgrading their professional career.
- Maintaining Records of the laboratory, calibrating their performance and suggesting AMC for equipment.
- Joined as Assoc Prof in the Dept of ECE on June'12.

AMARA INSTITUTE OF ENGINEERING & TECHNOLOGY, SATULURU

NOV'11- June'12

Associate Professor, Head Dept of ECE.

- Responsible for overall development of the department both academic and administration.
- Responsible for looking discipline of students in the campus.
- Responsible for maintaining the academic activities and other professional activities.
- Responsible for conducting & organising seminars, workshops, & other FIP & student growth programs.
- Responsible for maintaining general activities like student attendance, timetable activities etc.
- Progressive activities in the department for annual maintenance and overall growth of the organisation.
- Making PG students aware, how to write research reports for publications and doing research projects.

EVM COLLEGE OF ENGINEERING AND TECHNOLOGY, JONNALAGADDA

JUNE '08-NOV'11

Associate Professor and I/C HOD ECE

- Joined on 6th June 2008 as Assistant Professor and on 1st Nov 2010 got promotion as Assoc Prof & HOD, ECE
- Acted as institutional Timetable convener, and Coordinating member for the research and development activities in the college.
- Taking responsibility in organising various cultural and academic activities, disciplinary activities of the department.
- Teaching and giving materials for the students on subject handled, helping the junior staff in teaching.
- Organised a guest lecturers by Dr. K Raghavendra Rao, SKD University, Sri B.V. Subbarao, Dy. Manager ISRO/SDSC/SHAR Sriharikota.
- Organised a five day industrial visit to ISRO Sriharikota and Chennai for III B.Tech. ECE Students.

GROWTH PATH

JUL'07-MAY'08	Asst Prof. Mother Teresa Institute Of Science & Technology, Sathupally
Sep'02-June'07	Senior Lecturer &HOD, SARADA COLLEGE (PG) COURSES, Vijayawada
Apr'01 – May'02	Lecturer (PG) for M.Sc. at ALC Vijayawada.
May'00-Jun'01	Lecturer for B.Sc., V.K.R.College Buddhavaram. Gannavaram.

ACADEMIA

PhD (Design and Development of EBG structured Compact antenna for wireless applications).

Published 4 papers in Scopus Indexed journals and 10 Non-Scopus Journals.

M.Tech (CR), Acharya Nagarjuna University, 2008 with distinction

M.Sc. (Electronics), Acharya Nagarjuna University, 2000 with University Rank

B.Sc., (Electronics), Andhra University, 1998

12th, Board of Intermediate, 1995

10th, Board of SSC, 1992,

PROJECT DETAILS IN ACADEMIC CAREER:

- **PhD.** Design of Microstrip Patch antenna with EBG structure for wireless applications and enhanced efficiency.
- Z-scan technique for identification of Birefringence in LCD to used them as directional antenna for low frequency communication system. (**M.Phil**)
- **M.Tech project** "Implementation and development of Adaptive Filters in Tracking Radar Subsystems" at **ISRO/SDSC/SHAR-Sriharikota under the guidance of Mr. B.V. Subba Rao Manager RADAR-II /SDSC/SHAR-Sriharikota.**
- **MSc., Project** "Power Harvesting in RFID for Low destination objects below the functional area". Under the guidance of Mr. K. Madhava Mukharjee Sr. Lecturer ALC VJA.
- **B.Sc., Project** "Automatic Night Light with morning alarm system" Under the guidance of Mr. V. Murali Krishna HOD Electronics, VSM College Ramachandrapuram.

PROJECTS GUIDED IN MY PROFESSIONAL CAREER: :

- Design and development of DGS based Array antenna for conventional vehicle comm under hostile conditions.
- Automatic crack detection system in Indian Railways for safety and security of train movement
- Leaf health monitoring system based on ML using Raspberry pi
- Synchronous automatic adaptive detection system for unforeseen weather conditions in ocean for sailors
- Development of Mobile Equipment management system using RFID.
- Fractal antenna for UWB and Wireless Application.
- Smart ATM Centre in Safety aspect.
- Smart Car System using MEMS
- Automatic Station management system using RFID and GPS systems. Etc

RESEARCH AREA OF INTEREST:

Antennas, Microcontrollers, RF Circuits, Microwave Communications, Electronic Circuits, etc.,

INTEREST IN PAERS TO HANDLE:

EDC, ECA, RF CIRCUITS, EMTL, MICROWAVES, AWP, RADARS, WCN, CMC, MPI, MPMC, Digital Electronics.

(Present pursuing a Diploma course in Data Science and Python started on 25th April)

Publications and Conferences

Scopus published (another 2: Scopus paper in review pipeline)

1. M S S S Srinivas, T V Ramakrishna, "A Novel Compact CPW Fed Slot Antenna with EBG Structure", *ARPN Journal of Engineering and Applied Sciences*, 2015, 10(2), pp 835-841.
2. M S S S Srinivas, T V Ramakrishna, "**Bandwidth Enhanced EBG Structured Closed Ground Monopole Antenna**", *Leonardo Electronic Journal of Practices and Technologies* ISSN 1583-1078 Issue 28, January-June 2016 p. 211-2243.

3. M S S S Srinivas, T V Ramakrishna, **“Wideband Defected Ground Structured Monopole Antenna with Electromagnetic Band Gap Loading”**, Medwell Journals. 2018, Journal of Engineering and Applied Sciences 13(11): 4099-4103, 2018 ISSN: 1816-949X
4. M.S.S.S.Srinivas “Rectangular Slotted Elliptically Placed Compact Antenna For Wide Band Applications at K and Ka Bands *Lecture Notes in Networks and Systems* 2023, 459, pp. 287–294, 10.1007/978-981-19-1976-3_35
5. M.S.S.S.Srinivas “Artificial neural network-based secured communication strategy for vehicular ad hoc network *Soft Computing*, 2023, 27(1), pp. 297–309 (SCI-Index)

Others (UGC Approved Journals) (1 Paper in review pipeline)

1. Puramsetti Bhuvaneshwari, M S S S Srinivas "A Defected Ground Structure Compact Fractal Antenna with Proximity Feed for Wide Band Applications"2016, IJDCST SPECIAL ISSUE ISSN-2321-5585 (Online) ISSN-2321-0338 (Print)
2. Y. Sravanthi, M.S.S.S. Srinivas "Performance Analysis of Non cooperative dispersed spectrum sensing in cognitive radio networks", IJEARST, DEC 2015, 2278-2566
3. Y. Swathi, M.S.S.S.Srinivas " Comparative analysis of Bayesian PAPR Reduction Methods for OFDM-Based Massive, IJMTST, Feb,2017, 2455-3778
4. Simhadri Parvathi S.V.Rama Rao M.S.S.S.Srinivas “A Compact Notch Band Filter With Multi Serrated Mimo Antenna For Wimax Applications” SSRG International Journal of Computer Trends and Technology (IJCTT) - Special Issue – April 2017 ISSN: 2231-2803
5. N.SriPavani, S.V. Ramarao, M.S.S.S.Srinivas "A Novel Compact Antenna with Metamaterial for Wireless Applications" IJRE - International Journal of Research in Electronics Sept 2019 ISSN: 2349-252X
6. D. Ravishankar, M.S.S.S.Srinivas “A Novel Approach to Spread Channel Characterization for 28, 73, 75 Ghz Millimeter-Wave 5g Frequency Band” IJAEM, V(2), I(8), pp: 644-651, 2020.

Conference

1. M.S.S.S.SRINIVAS, Dr. T. V. Ramakrishna, P.BUJJI BABU "STUDY AND ANALYSIS OF EBG BASED MICROSTRIP ANTENNA FOR WIRELESS COMMUNICATION APPLICATION" NCATS 2014 Andhra University.
2. M.S.S.S.Srinivas, R. Sunitha Regional seminar on "Advances in Atmospheric Space Physics" Organised by Department of Physics PB Siddhartha College of Arts and Science Vijayawada on SEPT 2016
3. M.S.S.S.Srinivas, Dr. T. V. Ramakrishna "Compact EBG controlled antenna with defect Ground configuration for wireless applications" at ICSEG-2016, KL University December 2016.
4. Bhuvaneshwari.P, M.S.S.S. Srinivas, " A Defected Ground Structure Compact Fractal Antenna with Proximity feed for Wide Band Applications" at NCNGC-2016, NRIIT, Vijayawada on December 2016.
- 5.M.S.S.S.Srinivas, S. Parvathi "A Novel compact multi serrated MIMO antenna for UWB applications" NCKITS-2017 held at Dept of ECE, KKR & KSR Institute of Technology and Sciences, Vijanampadu, Guntur, A.P. During March 2017
6. S. Parvathi, M.S.S.S. Srinivas " A Compact Antenna with notch band filter Multi serrated MIMO antenna for Wi-Max applications" National Conference on innovative technologies and Data Communication Engineering (NCITDCE-17) April 2017 at ALIET Vijayawada.

Patents:

1. Dr. M. S S S Srinivas **Patent Number: 202141023045 “A SYSTEM AND METHOD FOR ANALYSING DYNAMIC OUT-OF-HOME ADVERTISING BASED ON REAL-TIME VIEWERS BIOMETRIC INFORMATION”** filed on 24/05/2021 Published on 18/06/2021. Intellectual Property India
2. Dr. M. S S S Srinivas **Patent Number: 202141034726 “LORAWAN INTEGRATED IOT SYSTEM TO MAXIMIZE THE AGRICULTURAL PRODUCTIVITY”** - Filled in IPR on 2.8.2021- Published on 6.8.2021. Intellectual Property India
3. Dr. M. S S S Srinivas **Patent Number: 202141036904 “Isotropic Antenna Based on AI & ML Interface having Multifunctional Guide Wire Assemblies. ”** - Filled in IPR on 15.8.2021- Published on 20.8.2021. Intellectual Property India

Funding Applied: (Two Projects were applied and the status as below)

1. CRG/SERB Project applied on “Design and Development of Antennas for Inter Vehicular Communication in Emergency Vehicles” with file number: CRG/2021/002943/EEC, with estimated cost of 46,69,000/- (Forty Six Lakhs Sixty nine thousand rupees only)
STATUS: Project was Considered and under processing
2. **Received Rs. 50000/-** from MHRD Unnat Bharath Abhiyan for adoption of five villages in course of improvement with solar lights and other technical wellness in village.
3. **Received Rs. 100000/-** for SPICES an AICTE Initiative from AICTE Delhi.

Resource Person:

1. Resource Person for a Two day Regional conference at **PB Siddharatha College of Arts and Science** Organised by the Department of Physics **Sponsored by ANU** on “Advancements of Space Physics communication” on **15 Sept, 2016. Topic: “OPALS”**
2. Resource person for two week AICTE- Sponsored FDP on “Research Challenges in Optical Networks, WDM Optical Networks, Sensor Networks and Unparalleled Communication Speed in the Future: A Scalable Approach” on **23 Nov 2020** Organised by Department of ECE at Ramachandra College of Engineering, ELURU. Topic Covered: Introduction to **Optical Switching Network**.
3. Resource person for two week AICTE- Sponsored FDP on “Research Challenges in Optical Networks, WDM Optical Networks, Sensor Networks and Unparalleled Communication Speed in the Future: A Scalable Approach” on **03 Dec 2020** Organised by Department of ECE at Ramachandra College of Engineering, ELURU. Topic Covered: **Advanced Optical Switching Network** an Approach to 5G.
4. Resource Person on Topics of **AICTE Initiatives** and **Institution Innovation Council (IIC)**, held on **6/6/2022 & 7/6/2022** for **One Week FDP on Funding Opportunities for Technical Institutions**.
5. Resource person on “**Innovation entrepreneur skill and startup awareness and orientation**” at Sankethika Institute of Technology and Management, PM Palem, Visakhapatnam.

Google Scholar id: https://scholar.google.com/citations?user=dz2_f6oAAAAJ&hl=en

ORCID : <https://orcid.org/0000-0003-4120-8791>

Scopus Author ID: 56519346000

REFERENCE:

Dr. B.T.P. Madhav Professor Associate Dean (AR) HEAD ALCR-KLU ECE KLUUniversity, 9908243452
Dr. T.V.Ramakrishna Director (E-Resources) Professor Dept of ECE, KLUUniversity, 9492087117
Dr. PSR Chowdary Vice Principal & HOD ECE, Raghu Institute of Technology, Vizag 9177779081
Dr. VVSSS Sameer Chakravarthy, Dean Academic Research Raghu Institute of Technology, Vizag 8500108141
Dr. V. Murali Krishna, Principal @ BVRIT, HYDERABAD, 9848419441
Dr. Suryanarayana Professor CSE Sriramachandra College of Engineering ELURU.

PERSONAL DOSSIER

Date of Birth: 5th MAY 1977;
Fathers Name: M.V.S.Murthy
Mothers Name: M.Lakshmi Manikyamba
Languages Known: English, Hindi, and Telugu;
Marital status: Married
Hobbies: Driving, Spending time with kids, Listening to Devotionals, Cooking

(Dr. M.S.S.SRINIVAS)
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