



## M.Siva Kumar, M.Tech.

E-mail Id: [maramsiva@gmail.com](mailto:maramsiva@gmail.com),

Mobile: +91-9866011185

---

Assistant Professor,

Department of Electrical and Electronics Engineering (EEE)

School of Engineering & Technology,

Sri Padmavati Mahila Visvavidyalayam,

Tirupati – 517502,

Andhra Pradesh, India.

### Academic Credentials

Degree	University	Year	Specialization
M.Tech	Sri Vidyanikethan engineering college(Autonomous), Tirupati	2013	Electrical Power Systems
B.Tech	Sreenivasa Institute of technology & Management Studies, Chittoor	2003	Electrical and Electronics Engineering

### Teaching Experience

Organization	Designation	Period
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Assistant Professor	21-06-2017 to Till Date
Annamacharya Institute of Technology & Sciences, Tirupati	Assistant Professor	18-06-2013 to 31-05-2017
Sree Venkateswara College of Engineering and Technology, Chittoor	Assistant Professor	17-08-2009 to 30-04-2011

### Publications and Presentations

Publications in referred journals

:

04

Seminars/Workshops Attended	:	09
FDP/Refresher Course/STTP Attended	:	03

### Selected Key Publications

1. M.Siva Kumar, M.Lakshmikantha Reddy, "Voltage Stability Improvement by Optimal location of SMES in a Power System", International Journal of Engineering Research & Technology (IJERT) Vol. 2 Issue 5, May - 2013 ISSN: 2278-0181.
2. M. Anjana, M. Siva Kumar, "Enhancement of Reconfiguration Problem using Multi Objective Particle Swarm Optimization for Power Distribution System" IJATIR, ISSN 2348-2370 Vol.08, Issue.17, October-2016, Pages:3261-3267.
3. Y. Sai Sruthi & M. Siva Kumar, "Analysis and Modelling of Transformer less high gain Buckboost DC-DC Converter for Solar Energy Application". IJESRT, ISSN: 2277-9655, September, 2017.
4. T. Kavya, M. Siva Kumar, "Speed Control of DC Motor Using ANFIS Controller", IJR Journal, Volume 7, Issue X, October 2018.
5. M. Siva Kumar, "Stand alone photovoltaic water pumping system using Induction motor drive with reduced sensors by using Fuzzy controllers". IJR Journal, Volume 8, Issue VI, October 2019.
6. M. Siva Kumar, "Total Harmonic reduction in Inductive power transfer system by using RLC filter with improved pulse density modulation for semi bridgeless active rectifier", IJAEMA Journal, Volume XII, Issue X, October 2020.
7. Kiranmai, M. Sivakumar. Single-Phase to Three-Phase Power Converter for Induction Motor Drive Applications. Design Engineering ISSN: 0011-9342, October 2021.

### Workshops/Seminars/Faculty Development Programmes Attended

- A National level workshop on "Emerging Technologies in Electrical Engineering" under TEQIP-II organized by Department of EEE, Sree Vidyanikethan Engineering College during 22 & 23 Dec 2012.
- Participated in "National Conference on Emerging Vistas of Electrical Electronics and Communication Technologies (NCEVEECT-13)" organized by Department of EEE & ECE at Kingston Engineering College.
- Two day national level seminar on "smart grid technologies" conducted by Annamacharya Institute of Technology & Sciences on 15<sup>th</sup>-16<sup>th</sup>, March-2014.
- A Two day workshop titled "Formulation of Research & Development Initiatives for Engineering Faculty" on 5<sup>th</sup> & 6<sup>th</sup> September, 2014, JNTUA, Ananthapuramu.

- A one day national level seminar on “State Estimation and Power System Security” under TEQIP-II on 31 october 2014 at sree vidyanikethan Engineering college,Tirupati.
- A one day workshop on ”Power system simulation laboratory using MIPower Software”at tirupati on 7 august,2015.
- Two day faculty development programme on “Design Experiments-Research Orientation” conducted by annamacharya institute of technology & sciences on 1<sup>st</sup> &2<sup>nd</sup> ,December-2015.
- A two day faculty development programme on “Matlab applications to engineering problems” conducted by annamacharya institute of technology & sciences on 27<sup>th</sup> & 28<sup>th</sup> ,November-2015.
- A national level technocrat Fest conducted by school of engineering and technology at SPMVV on 3<sup>rd</sup> and 4<sup>th</sup> March-2018.
- Acted as a faculty organizing committee at national level technocrat Fest conducted by school of engineering and technology at SPMVV on 9<sup>th</sup> and 10<sup>th</sup> March-2019.
- A national webinar on “NAAC assessment and accreditation process and awareness about theNEP-2020”conducted by Sri Padmavathi mahila visvavidyalaym on 26<sup>th</sup> August-2020.

### B.Tech and M.Tech Project Works Supervised

M.Tech Dissertations guided : 04 + 02 (pursuing)  
 B.Tech Project Works guided : 07

### Administrative Positions

- Working as Examination section co-coordinator since 2019.
- Worked as coordinator of Library committee, EEE
- Worked as coordinator of VIRINCHI Tech Fest 2020, for Department of EEE.
- Member in the committee for organization of Subject Committee Meeting(SEC) meeting of DSTWOS-B from 1<sup>st</sup> to 3<sup>rd</sup> May 2019 in SPMVV,Tirupati.

### Courses Taught

B.Tech	M.Tech

Electromagnetic Theory	Power System Control & Stability
Power systems	
Electrical Machines	
Control Systems	

### Membership in Professional Bodies

- ❖ Life Member of Indian society for Technical Education ( LM – 69041).
- ❖ Ratified by the JNTUA in the year June -2010.
- ❖ Ratified by the JNTUA in the year July -2014.
- ❖ NPTEL Online Certification in POWER SYSTEM ENGINEERING,
- ❖ NPTEL Online Certification in FUNDAMENTALS OF ELECTRICAL ENGINEERING

I hereby declare that the above information is true to the best of my knowledge.

Date: 30.03.2026

Place: Tirupati

(M. Siva Kumar)