

Name: Dr. B. Srinivasa Rao

Employee ID: A5EEE00T69

Designation: Assistant Professor

Department: EEE

Date of Birth: 10/07/1989

Father Name: B.venkata rao
late

Mother Name: B. LAKSHMI

Reservation Category if Any: BC-D



Address:

Mobile Number: 9014102119

Email id: bsreee2013@gmail.com

Date of Joining in the Institution: 06.07.2018

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph. D.	JODHPUR NATIONAL UNIVERSITY	-----	July 2017
M. Tech (E.E.E)	JNTUK	FIRST Class	Dec 2013
B. Tech(E.E.E)	JNTUK	FIRST Class	May 2010

Total Years of Experience (Teaching/Industry): 5 Years

Period		Organization/Institution	Designation
July 2018	Till Date	AITAM, Tekkali	Assistant. Prof.
November 2017	June 2018	SVCET, Etcherla	Assistant. Prof
May2015	Nov2017	SSCE, Chilakapalem	Assistant. Prof

Areas of Interest:

1. Electrical Circuit Analysis
 2. Analysis Of Power Electronic Converters
 3. Switch Gear And Protection
 4. Electrical Measurements
 5. Power Electronics
 6. power Semi conductor Drives
- Power Systems

Guidance of Academic Projects:

- i) Doctoral Projects : ---
- ii) Masters Projects : 04
- iii) Bachelor Projects : 05

Sponsored Research Projects: NA

Funding from external agencies: NA

Honors and awards received: Received young research award from conference world.

Memberships of Professional Societies:

Member Of IRED

Member Of IAENG

Details of Book Publications: - NIL

Details of Publications:

Journal Publications/ Conferences:

S.NO	NAME OF TOPIC	NAME OF JOURNAL/CONFERENCE	MONTH/YEAR
1	A novel method of nine level inverter fed induction motor drive	IEEE CONFERENCE	JAN 2015
2	Mitigation of voltage sag for power quality improvement using DPFC system	IEEE CONFERENCE	SEP 2015
3	Comparison of Facts Controller for Power Quality Problems in Power System	IJST (SCOPUS)	NOV 2015
4	Power quality improvement by using DSTATCOM	IJRST	OCT 2013
5	Power quality improvement in micro grid using advance active power conditioner	IJTRE	May 2016
6	A Fuzzy based DPFC system mitigating voltage disturbance in single machine system	IJEER	Aug 2016
7	Load compensation for diesel generation system using fuzzy based DSTATCOM	IJEER	FEB 2016
8	Cascaded multilevel inverter with fuzzy based DSTATCOM harmonics compensation	IJESRT	NOV 2015
9	Compensation of voltage disturbances in SMIB System using ANN based DPFC controller	IEEE CONFERENCE	OCT 2016
10	A Nero-Fuzzy Controller for Compensation of Voltage Distribuance in SMIB System	IJECS (SCOPUS)	FEB 2017
11	Comparison of Dynamic Stability Response of A SMIB with PI and Fuzzy Controlled DPFC	IJEI (SCOPUS)	SEP 2017
12	Mitigation of harmonics using D-STATCOM with fuzzy logic controller	IJMTST	Dec 2018
13	Design and Simulation of Hybrid System using Cuckoo MPPT Technique	IJEAT (SCOPUS)	AUG 2019
14	Modeling of transformer less UPFC TO improve power system stability using optimization technique	IJRTE (SCOPUS)	NOV2019
15	Modeling and designing of plug in electric vehicle under g2v compatibility	Springer conference 2020	Dec 2020
16	A Fuzzy-Based STATCOM Controller for Grid Interconnection of Fuel System to Improve Power Quality	Springer conference 2020	Aug 2020

Details of FDPS / Workshops / Internal and External:

S. No	Name of The Programme	Host Institution	Month/ year
1	Power electronics and drives applications	NIT Raipur.	NOV 2015
2	Research trends in power electronics and smart grid	IIT Patna.	MAR 2016
3	FDP on power electronics and hybrid vehicles	Osmania university, Hyderabad.	NOV 2015
4	TEN DAYS workshop in Forecasting tools in smart grid	NIT, Warangal.	MAY 2016
5	FDP on outcome based education NBA	SSCE,SRIKAKULAM	DEC 2015
6	3-days workshop on industrial automation	SSCE,SRIKAKULAM	Aug 2017
7	One day Workshop on Startup Boot camp Pre-Launch Meeting	JNTUA ANANTAPUR	JAN, 2015.
8	One week FDP On artificial intelligence	NIT RAIPUR	Sep2019
9	Power electronics and drives applications	NIT Raipur.	NOV 2015
10	One week workshop on lab view	AITAM, Tekkali	Jan 2019
11	Online One week FDP On Electric vehicles	JIT COLLEGE , NAGPUR	May 2020
12	Online One week FDP On Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	BAPATLA ENGINEERING COLLEGE	June 2020
13	Online One week FDP On Modern trends in electrical drives	NIT, NAGPUR	May 2020
14	Online FDP on Cutting-Edge Technologies For Electrical Engineering	ALIET, VIJAYAWADA	MAY2020
15	Ten Days Online FDP on Research Opportunities in Electrical Engineering	Government College of Engineering Karad (M.S.)	MAY 2020
16	Online One week FDP On Challenges and Research Opportunities in Micro grid Operation, Control and Protection	AITAM,TEKKALI	JUNE 2020
17	Online One week FDP On Electric vehicles	AITAM, TEKKALI	NOV 2020
18	“Webinar on Electrical Fires & Preventive Measures”	ALIET, VIJAYAWADA	MAY 2020

NPTEL / COURSERA COURSES:

S.NO	NAME OF THE TOPIC	HOST INSTITUTE	NO.OF.WEEKS	MONTH/YEAR
1.	ACCREDITATION AND OUTCOME BASED LEARNING	IIT ,KHARAGPUR	8	AUG-OCT 2019
2.	WIND ENERGY	DTU ,DENMARK	4	APRIL-MAY 2020
3.	AI FOR EVERY ONE	STANFORD UNIVERSITY, USA	4	APRIL-MAY 2020
4.	ELECTRICAL POWER SYSTEMS	STATE UNIVERSITY , NEWYORK	4	APRIL-MAY 2020
5.	NATURAL GAS	STATE UNIVERSITY , NEWYORK	4	APRIL-MAY 2020

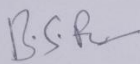
Details of Conferences / Workshops / Refresher Courses Organized:

S.No	Name of the Program	Place	Month/Year
1.	3-days workshop on industrial automation	SSCE,SRIKAKULAM	Aug 2017
2.	One day International conference(ICRISEM-2018)	SVCET, ETCHERLA	FEB 2018
3.	Online One week FDP On Challenges and Research Opportunities in Micro grid Operation, Control and Protection	AITAM ,TEKKALI	JUNE 2020

Other Achievements:

1. Best Paper Certificate to B. srinivasa rao International Journal Paper Titled “**A Fuzzy Based DPFC System for Mitigating Voltage Disturbance in Single Machine System**” published in Trans Stellar journal AUG 2016.

2. Best Paper Certificate to B. srinivasa rao International conference Paper Titled “**A TRANSIENT STABILITY IMPROVEMENT IN MULTI-MACHINE SYSTEM USING UPFC**” in (*ETEBMS - November 2016*)



(Dr.B.SRINIVASA RAO)