Name: **Dr.J.SRINIVASA RAO**

Designation: **Associate Professor**
Department: **Electrical and Electronics Engineering**
Mail I'd: srinivasarao_j@vnrvjiet.in

Experience (in years): Teaching: 10 years Research: Nil Others (if any, specify): Nil

1. **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.Tech	2005	EEE
2.	M.Tech.	2007	Power Electronics
3.	PhD	2015	EEE

2. Teaching and Learning:

2.1. Teaching Interests: **Electrical Machines & Power Electronics**

2.2. Novel Teaching & Learning Techniques adopted: Nil

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books & playing volleyball

3.2. CCA/ECA Organized: 2

3.3. CCA/ECA participated: 2

3.4. Counseling and Mentoring Activity: Nil

3.5. Committees involved in: Nil

Department level: Budget In charge

Institute Level: Nil

4. **Conference / Workshop / Seminar / Guest Lectures:**

4.1 Conducted: 5

4.2 Attended: 10

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: 4

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: nil

5.4. Projects Guided:

a) UG: 7

b) PG: 2

5.5. Research Interests: Electrical Machines & Power Electronics

5.6. Ph.D students :

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Adaptive filter modeling for vector controlled Induction Machine for robust Inverter design	International Journal of multidisciplinary research and advances in engineering	ISSN.0975-7074.	2.5	International
2	A neuro fuzzy controller for induction machines drives	Journal of Theoretical Information Technology,	ISSN.1817-3195.	1.5	International
3	Direct Torque Control method using fuzzy Logic for IM Drives	International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering	ISSN.2278-8875.	1.7	International
4	Direct Torque Control Based on Space Vector Modulation with Adaptive Stator Flux Observer for Induction Motors	International Journal of Engineering Research and Applications,	ISSN: 2248-9622.	2	International
5	Performance and analysis of Induction Motor using Hysteresis Band PWM Controller	International Journal of Advances in Engineering & Technology	ISSN.2231-1963	1.7	International
6	Performance and analysis of Induction Motor using Conventional SVM Controller and Fuzzy Logic Controller	International Journal of Electrical and Electronics Engineering Research,	ISSN.2250-155X.	5.96	International
7	Performance and analysis of Induction Motor using Fuzzy Controller	International Journal of Applied Engineering Research	ISSN.0973-4562.	1.5	International

8	Reduction of Torque Ripples in Induction Motor Using Direct Torque Control Techniques	International Journal of Applied Engineering Research	ISSN.0973-4562	1.7	International
9	Performance and analysis of Direct Torque Control of Induction Motor using fuzzy Logic Control	International Journal of Technology and Engineering Science	ISSN: 2320 – 8007.	1	International
10	Performance and analysis of Direct Torque Control of Induction Motor usingfuzzy Logic Control at Different Loads	International Journal of Technology and Engineering Science	ISSN: 2320 – 8007	1.5	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/Seminars	National/ International	Period
1	Performance and analysis of Induction Motor using Fuzzy Controller	International Conferenceon Various Facets of Energy Technology and its Management for Sustainable Development(ET&MSD-2013), J.N.U, New Delhi,	International	March-16 &17, 2013
2	Reduction of Torque Ripples in Induction Motor using Direct Torque Control Techniques	International Conferenceon Various Facets of Energy Technology and its Management for Sustainable Development(ET&MSD-2013), J.N.U, New Delhi, March-16	International	March-16 &17, 2013
3	Short Term Load forecast of a Load Factor System using Neural Network"	International Conferenceon Innovations in Electrical & Electronics Engineering (ICIEE-2014), Guru nanak Institutions Technical Campus &Guru nanak Institute of Technology, Hyderabad,	International	September 5 -6, 2014,
4	load frequency control of grid connected pv system and diesel generator using fuzzy logic controller	International Conference on Innovations in Computing and Communication (ICICC 2015**)**conductedby BVRIT, Narsapur	International	on 12th& 13th February, 2015
5	wind energy convertion using matrix converter	2nd International Conference on Innovations in Electrical and	International	(21-22 August

		Electronics Engineering (ICIEEE-2015)		2015)
6	"Reactive Power Compensation Using Fuzzy Optimization"	International Conference on Innovations in Computing and Communication (ICICC 2015)conductedby BVRIT, Narsapur, R.R.	International	12th& 13th February, 2015.
7	Modified Direct Torque Control of Induction Motor"	Proceedings on National Conference on sixth National Conference on Electrical and Instrumentation Systems (NSEIS-13)-2013	National	April-2013
8	Performance and Analysis Of Induction Motor Based on DTC - Space Vector Modulation	National Conference on Advanced Research Methodologies In Electrical Engineering (ARMEE - 2013)" Madanapalle Institute of Technology and Science, Madanapalli	National	June 2013.
9	Novel Adaptive Neuro-Fuzzy Control for Grid Connected Renewable Energy Source	National Conference on Emerging Technologies in Electrical and Electronics Engineering under TEQIP-II , SVECW , Bhimavaram,	National	7th-8th Feb'2014
10	Performance of Fuzzy Logic Based Power System Stabilizer	National Conference on Emerging Technologies in Electrical and Electronics Engineering, SVECW, Bhimavaram	National	February 7-8, 2014
11	Parameter Determination of Axial flux induction Machines	Annual National Conference on Recent advances in Power, Industrial Drives and Energy Evolutionary Technologies-2016, BVRIT Narsapur, Hyderabad	National	2016
12	Synchronous Resonance mitigation for wind farm	National Conference on Emerging Technologies in Electrical & Electronics Engineering -16), SVECW, Bhimavaram	National	2016
13	Modeling of Photovoltaic System	3rd National Conference on Emerging Technologies in Electrical & Electronics Engineering, (ETE-2016), SVECW, Bhimavaram	National	2016

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

	Nil				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing /Completed
	Nil				

6. **Awards / Honors received:** Nil

7. **Motto:** "Learning is finding out what you already know. Doing is demonstrating that you know it. Teaching is reminding others that they know just as well as you. We are all learners, doers and teachers".