

Bio-Data



1. Name (in Block letters) : Dr. J.SREENIVASULU
2. Designation : Asst. Professor in EEE
3. College in which working : JNTUA College of Engineering
Ananthapuramu.
4. Date of Birth : 23-07-1985
5. Educational Qualifications : M. Tech.,(Ph. D)

Degree	Class / Division	University	Year of Passing
10 th Class	1 st Class	Board of Secondary Education	2001
Intermediate	1 st Class with Distinction	Bord of Intermediate Education Hyderabad	2003
Bachelor of Degree B. Tech. (Electrical Engg.)	1 st Class	JNTU Hyderabad	2007
Post Graduate Course M.Tech., (EPS)	1 st Class with Distinction	JNTU Anantapur	2009
Ph.D	Completed on 19 th October 2019 with a title, "Certain Key Performance Issues in Restructured Power Systems".		

6. Date of appointment: 03-02-2011 (JNTUA College of Engg. Pulivendula)

7. Service in different engineering colleges:

S.No.	College Name	Designation	Duration
1.	Sri Sai College of Engineering & Technology, Anantapuram	Asst. Professor	01-07-2009 to 30-06-2010
2.	JNTUA College of Engineering, Anantapuram	Lecturer	01-07-2010 to 02-02-2011
3.	JNTUA College of Engineering, Pulivendula	Asst. Professor	03-02-2011 to 07.10.2015
4.	JNTUA College of Engineering, Ananthapuramu	Asst. Professor	08.10.2015 to
5.	JNTUA, Head Quarters	Asst. Professor & ACE	06.07.2023 to 19.08.2024
6.	JNTUA College of Engineering, Ananthapuramu	Asst. Professor	19.08.2024 to till date

8. National Journals and Conferences published: Annexure – I

Journals / Conferences	Total
Journals	10
Conferences	04

9. Workshops / Training Programs Attended:

S.No.	Areas of training/development	Duration (Days)	When (Date)
1	Training Program on Power System Simulation studies using MiPower software	5 days	22 nd to 26 th , Nov, 2010
2	National Level Workshop on Thrust Areas in Power Systems	2 days	18 th to 19 th , Nov, 2011
3	Workshop on Smart Grid	1 day	06 th , Jan, 2012
4	Workshop on Corporate Communication for Placements Success	1 day	28 th , March, 2012
5	Course work on Research Methodology	6 days	13 th to 18 th , Aug, 2012
6.	National Training Programme on “Entrepreneurship Development & Management” for Scientists & Technologists working with the Govt. Sector.	5 days	9 th to 13 th Dec, 2013
7.	National Level Hands on Training Programme on Analysis of Power Systems by using NEPLAN Software	2 days	30 th & 31 st Jan, 2014
8.	A Training program on “Incorporation of Pedagogy in Engineering Education”	5 days	3 rd to 7 th Feb, 2014
9.	Refresher Course/Interaction Programme	20 days	3 rd to 22 ^{ed} March, 2014
10.	Evolutionary Algorithms in Power Systems	2 days	9 th & 10 th June, 2014
11.	Testing and Commissioning of Electrical Equipments in Power Utilities	5 days	18 th to 22 ^{ed} Aug, 2014

12.	UGC Sponsored Orientation Program	28 days	09 th , April to 06 th May, 2015
13.	Management Enhancement Program	7 days	08 th to 14 th June, 2015
14.	FDP on Entrepreneurship	13 days	06 th to 18 th July, 2015
15.	Crafting Powerful Questions	1 day	16 th July, 2016
16.	Three Day Residential Programme on "Inter Net of Things" at APHRDI, Bapatla, Guntur (Dist.)	3 days	21 st -23 rd , September 2016
17.	Three days training program on "Big Data Analytics", at JNTUA CEA	3 days	20 th – 22 nd Feb, 2017
18.	Two days workshop on "Prospective Energy Sources – Wind and Solar PV Systems", at JNTUA CEA	2 days	23 rd to 24 th March, 2018
19.	One day workshop on "Benefits of Engaging with International Organizations (IEEE)", at JNTUA CEA	1 day	4 th August, 2018
20.	Two days workshop on "BIG Data Applications in Power Systems", at JNTUA CEA	2 days	28 th to 29 th September, 2018
21.	Two day workshop on "Pedagogical Skills for Outcome based Education", at JNTUA CEA	2 days	16 th to 17 th November, 2018
22.	One Week Faculty Development Program on "Soft Skills and Personality Development", at JNTUA CEA	5 days	10 th to 14 th December, 2018
23.	One Week Faculty Development Program on "Design and Development of MOOCs through SWAYAM", at JNTUA CEA	6 days	18 th to 23 rd January, 2019
24.	Three day workshop on "Experimental Approaches & Instrumental Aspects in Analytical Chemistry", at JNTUA CEA	3 days	6 th to 8 th February, 2019
25.	One Week Faculty Development Program on Leadership Skills", at JNTUA CEA	6 days	19 th – 24 th , August 2019
26.	One Week Faculty Development Program on "Innovative Teaching – Learning Techniques in Higher Education", at JNTUA CEA	6 days	4 th to 9 th , September 2019

27.	One Week Faculty Development Program on “Power Converters Design”, at JNTUA CEA	5 days	25 th to 29 th , September 2019
28.	Two Day Workshop on “Waste Management”, at JNTUA CEA	2 Days	13 th to 14 th November, 2019
29.	Three Days Workshop on Electrical Sciences, at IIT Goa	3 Days	05 th to 7 th December, 2019
30.	Two Day Workshop on “Materials for Energy Conversion and Storage Devices”, at JNTUA CEA	2 Days	27 th to 28 th December, 2019
31.	Two Day Workshop on “Development of MOOCs and Production Techniques”, at JNTUA CEA	2 Days	17 th to 18 th January, 2020
32.	NAAC Awareness Programme on Revised Accreditation Frame Work, at JNTUA CEA	1 Day	20 th January, 2020
33.	2 Week FDP on Mathematical Modelling and Simulation for Scientists & Engineers” at JNTUA CEA	13 days	24-02-2020 to 07-03-2020
34.	Online FDP on “Research Opportunities in Power Engineering”, by CMR College of Engg. & Technology, Hyderabad	6 Days	22nd to 27th April, 2020
35.	Online One Day FDP on “Machine Learning”, by Santhiram Engineering College, Nandyal	1 day	02-05-2020
36.	Online One Week FDP on “Research Challenges and Opportunities Post COVID – 19”, by Sri Vasavi Engg. College, West Godavari	6 days	4th to 9th May, 2020
37.	Online Hands on session on LaTeX – A Scientific Documenting Tool”, by VNR Vignana Jyothi Institute of Engg. & Technology, Hyderabad	1 days	21st May, 2020
38.	Online 5 Days National Level FDP on “Artificial Intelligence”, by CMR Engineering College, Hyderabad	5 days	22-05-2020 to 26-05-2020
39.	One Week FDP on “Management of Online Teaching, Learning and Assessment in Higher Education”, by University College of Engg. & Technology, Bikaner and JNTUA CEA under TEQIP - III	5 days	12th to 16th Sept., 2020

40.	AICTE Training and Learning Academy Online FDP on “Systems Engineering” by NIT Delhi	5 days	26-10-2020 to 30-10-2020
41.	Online “Refresher Course on Engineering & Technology”, by UGC - HRDC, Mizoram University	14 days	01-12-2020 to 14-12-2020
42.	Online Workshop on “Integration of Renewable Energy & EV to Microgrid: Prospects and Challenges” Department of Electrical and Electronics Engineering National Institute of Technology Tiruchirappalli In Association with The Hong Kong Polytechnic University	5 Days	21st to 25th February 2022
43.	National Workshop on Recent Advances in Smart Grid and Renewable Energy Integration organized by Department of Electrical Engineering, Mizoram University	5 Days	07th – 11th March 2022
44.	“Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE)	5 Days	28th March, 2022 to 1st April, 2022
45.	One-week National Level Online Faculty Development Programme on “Greening the Grid” organized by the Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.	5 Days	17-05-2022 to 21-05-2022
46.	One Week online FDP on “Recent Advances in Electrical Engineering”, organized by IEEE Ananthapuramu Subsection and IEEE Student Branch of G Pulla Reddy Engineering College (Autonomous) Kurnool	5 Days	17 th to 21 st October, 2022
47	AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "Artificial Intelligence Techniques in Smart Grid enabled Restructured Power System - Practical Applications" at ANIL NEERUKONDA INSTITUTE OF	11 Days	from 2022-11-07-2022-11-12 to 2022-11-14 - 2022-11-18

10. Workshops / Guest Lectures organized:

S.No.	Title of the workshops	Date
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1.	Two Day National Level Workshop on “Reliability Applications to Power Systems”	26-07-2013 to 27-07-2013
2.	One Day “Career Awareness Program on Reliability Engineering”	29-11-2016
3.	Teacher Training Program by APSCHE & British Council	19-06-2017 to 23-06-2017
4.	Teacher Training Program by APSCHE & British Council	03-07-2017 to 07-07-2017
5.	One Day Awareness Program on “R Programming and Applications to Electrical Engineering”	21-04-2018
6.	Placement training Program	
7.	Awareness on Career Growth Prospects for Reliability Engineering professionals with Industry Collaborations	21.06.2019
8.	Attitude for Business	26.07.2019
9.	Career Opportunities in Industries	30.07.2019
10.	Five Day Workshop on “Electric / Hybrid Vehicle Engineering”	21 st to 25 th January, 2020

11. Additional Duties Performed in the JNTUA CEP & JNTUA CEA:

S.No.	Additional Duties Performed	Period
1.	In Charge of Training & Placement Cell, at JNTUA CE Pulivendula	09-03-2011 to 09-01-2013
2.	Coordinator of Career and Counseling Cell, at JNTUA CE Pulivendula	04-02-2012 to 09-01-2013
3.	In Charge of Student’s Coordinator, at JNTUA CE Pulivendula	30-06-2011 to 07.10.2015
4.	In Charge of Physical Education, at JNTUA CE Pulivendula	13.03.2015 to 25.03.2015
5.	In Charge of Student’s Union Coordinator, at JNTUA CE Anantapur	05-07-2016 to 16-02-2018
6.	Asst. Presiding Officer for Not Teaching Staff Association Elections, at JNTUA CE Anantapur	on 24.10.2016
6.	Nodal Officer for British Council, at JNTUA CE Anantapur	
7.	Assistant Placement Officer, at JNTUA CE Anantapur	21-10-2017 to 15-12-2017
8.	Training & Placement Officer, at JNTUA CE Anantapur	15-12-2017 to till date
9.	University Coordinator for “Board of Community Development through Education”, JNTU Anantapur	28.05.2022 to till date
10.	Additional Controller of Examination, JNTU Anantapur	06.07.2023 to 19.08.2024

12. Seminars Attended:

S.No.	Title of the Seminar	Duration
1.	Windchill Risk and Reliability Seminar 2017	23 rd March, 2017
2.	Digital Capability Assessment (DCA) by TCS	2023

13. Served as Member in constitution of UG & PG **Board of Studies** in Electrical and Electronics Engineering, JNTUA College of Engineering Pulivendula.

14. Memberships:

i. Member in IAENG

(International Association of Engineers), Member Number: 131365

ii. Senior member in IEEE (Member No: 92358968)

a. Member of Reliability Society

b. Member of Power Electronics Society

15. Online Certification Programs:

S.No.	Description of the online certification programs
1.	8 weeks NPTEL Online Certification on DC Micro Grid has successfully completed with 68% during July – September 2019
2.	8 weeks NPTEL Online Certification on Introduction to Smart Grid has successfully completed during Sep. to Nov. 2020

16. Guest Lectures Delivered:

S.No.	Topic of the Lecture	Venue	Date
1.	Employability Skills and Opportunities	Z.P.H. School Vidapanakal, ATP	16.11.2019
2.	“Awareness on Restructured Power Systems” in one week AICTE sponsored STP on “Research Trends in Renewable Photovoltaic System and its Research Challenges (Phase - II)	SV College of Engineering Karakambadi Road, Tirupathi 517507	23-11-2020
3.	“Key Issues on Restructured Power Systems” in one week AICTE sponsored STP on “Research Trends in Renewable Photovoltaic System and its Research Challenges (Phase - II)	SV College of Engineering Karakambadi Road, Tirupathi 517507	26-11-2020
4.	“Introduction to Smart Grid” in one-week AICTE sponsored STP on “Research Trends in Renewable Photovoltaic System and its Research Challenges (Phase - III)	SV College of Engineering Karakambadi Road, Tirupathi 517507	15-12-2020

5.	Career Options & preparation for graduation in arts, commerce and science	KSN Degree College for Girls, Ananthapuramu	30.01.2023
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17. Administrative Duties in Societies / Sections

- a. Served as Treasurer for Ananthapuramu Sub – Section under Hyderabad Section for the year 2019.

18. Journals / Conferences: Few are listed in Annexure - I

National Journals	International Journals	National Conferences	International Conferences
2	16	2	5

19. Google Scholar Link:

<https://scholar.google.com/citations?user=zHxG8v8AAAAJ&hl=en>

20. Guidance to M.Tech Students: 26

21. Guidance to B.Tech Students: 14 Batches

Annexure – I

1. Santhosh Kumar Aspari, Jampu Sreenivasulu, “Reduction of Energy Loss Based On Network Reconfiguration and Distributed Generation in Radial Distribution System”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Volume 1, Issue 8, Nov, 2013, ISSN: 2321-5526.
<https://pdfs.semanticscholar.org/681f/7afb1a052471459227b4ebb6c674613e75a5.pdf>
2. C. T. Vinay Kumar, J Sreenivasulu, “Comparison of Facts Devices to Relieve Congestion in Deregulated Power Sector by Using Fuzzy Technique”, International Journal of Science and Research, volume 3, Issue 11, Nov, 2014, ISSN: 2319-7064.
<https://www.ijsr.net/archive/v3i11/T0NUMTQxMzA5.pdf>
3. S Vinod Kumar, J Sreenivasulu, K.Vimala Kumar, “Genetic Algorithm based Congestion Management by using Optimum Power Flow technique to incorporate FACTS devices in Deregulated environment”, IJIREEICE, volume 2, Issue 12, Dec, 2014, ISSN: 2321-2004.
<https://ijireeice.com/wp-content/uploads/2015/01/IJIREEICE6-s-vinod-GENETIC-ALGORITHM-BASED-CONGESTION.pdf>
4. J Sreenivasulu, P.Srinivasa Varma, V. Sankar, “OPF Based CRM Using Supply Side and Demand Side Management”, IJAREEIE, volume 4, Issue 1, Jan, 2015, ISSN: 2278 – 8875.
http://www.ijareeie.com/upload/2015/january/26_OPF.pdf

5. V Naga Dinesh, J Sreenivasulu, "Time-Of-Use Pricing Strategy For Demand Side Management Using Game Theory", IJETR, Volume V2, Issue I1 Jan- Feb, 2015, ISSN:2347-5900.
6. J Sreenivasulu, P Srinivasula Reddy, "Evaluation of Transmission Wheeling Cost Using MW, MVAR and MVA Mile Methodologies", IJIRSET, Volume 4, Issue 10, Oct, 2015, ISSN: 2319-8753.
http://www.ijirset.com/upload/2015/october/131_40_Evaluation.pdf
7. A Manoj Kumar, J Sreenivasulu, "Optimal Rescheduling of Generators for Reliving Transmission Congestion based on APPSO", National Conference on Emerging Trends in Engineering and Technology, NIER, 13th Dec, 2015, ISBN: 9788192958050.
8. M.Manohar, J Sreenivasulu, "Differential Evaluation based Power Flow Control by using TCSC and Split TCSC", National Conference on Emerging Trends in Engineering and Technology, IRAJ, 27th Dec, 2015, ISBN: 9788192958050.
9. S. Bhargava Reddy, J. Sreenivasulu and P. Srinivasa Varma, "Optimal BESS Allocation and Market Equilibrium for Improving Distribution System Reliability", I J C T A, 10(5) 2017, pp. 97-105 © International Science Press.
https://www.researchgate.net/publication/314238315_Optimal_BESS_Allocation_and_Market_Equilibrium_for_Improving_Distribution_System_Reliability
10. K. Guru Prasad, J. Sreenivasulu, V. Sankar and P. Srinivasa Varma, "Reliability Analysis of Radial Distribution Networks with Cost Considerations", I J C T A, 10(5) 2017, pp. 427-437 © International Science Press.
https://www.researchgate.net/publication/314238227_Reliability_Analysis_of_Radial_Distribution_Networks_with_Cost_Considerations
11. J. Sreenivasulu, V. Sankar and P. Srinivasa Varma, "Selection of Renewable Power Generation to Reduce Transmission Congestion", International Conference on Energy, Communication, Data Analytics and Soft Computing, 978-1-5386-1887-5/17/\$31.00, pp. 239-244, ©2018 IEEE.
<https://ieeexplore.ieee.org/document/8389809>
12. J. Sreenivasulu, P. Srinivasa Varma and V. Sankar, "ATC Enhancement Using Reactive Power Flows and FACTS Devices", International Journal of Pure and Applied Mathematics, Volume 118 No. 17 2018, 925-934, ISSN: 1311-8080.
https://www.researchgate.net/publication/335292133_ATC_ENHANCEMENT_USING_REACTIVE_POWER_FLOWS_AND_FACTS_DEVICES
13. B. Thulasi Ram and J. Sreenivasulu, "Risk Management of Post Outage Congestion in Transmission System by DLR Technique and DG Placement", International Conference on Electrical, Electronics,

Computers, Communications, Mechanical and Computing, 978-1-5386-4303-7.

14. S. Rajeswari and J. Sreenivasulu, "Reliability Improvement for the DC Link Capacitor with Integrated Active Filter Capabilities in Wind Power Converter", Springer Nature Singapore Pte Ltd., Emerging Trends in Electrical, Communications, and Information Technologies, Lecture Notes in Electrical Engineering 569, 429-438, 2020.
https://link.springer.com/chapter/10.1007/978-981-13-8942-9_35
15. J. Sreenivasulu, S. Rajasekhar, A. Pandian and P. Srinivas Varma, "An Integration of dual UPQC Controller for power quality compensation by extending its voltage regulation at grid side as a STATCOM", IOP publishing, Material Science and Engineering 993 (2020) 012086, ICMECE 2020.
16. J. Sreenivasulu, P. T. Umasree, and Anil Kumar Ammina "Reliability Demonstration Test Plan for VAC System in UG Railway Stations", International Journal of Electrical, Electronics and Data Communication, pp 15-21, Volume 9, Issue 3.
http://ijeedc.iraj.in/paper_detail.php?paper_id=17855
17. Alluri Raju, J. Sreenivasulu, A. Anil Kumar, and V. Sanka, "Reliability Analysis of Radio Frequency Synchronising Unit using Macrocosmic and Microcosmic Approaches", International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), IEEE Xplore, 4-6 Feb. 2021.
<https://ieeexplore.ieee.org/document/9388601>
18. J. Sreenivasulu, Sudha Dukkipati, AVGA Marthanda, A. Pandian, "[Forecasting of photovoltaic power using probabilistic approach](#)", Materials Today: Proceedings, 2021/1/1
19. Harshavardhana Krishna Kuruganti, V. Ramasubbaiah, J. Sreenivasulu, Dilip Kumar Behara, "[Dairy waste scum as a potential feedstock for bio-diesel production: optimisation, quality and reliability studies](#)", Indian Chemical Engineer, 2023/1/2
20. J. Sreenivasulu, S. Rajasekhar, A. Pandian, P. Srinivas Varma, "[An Integration of dual UPQC controller for power quality compensation by extending its voltage regulation at grid side as a STATCOM IOP: Conference Series](#)", IOP Conference Series: Materials Science and Engineering, 2020/12/1