

DALLI SRINIVAS REDDY

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Career Objective:

To associate with an organization which progresses dynamically and gives me a chance to improve my knowledge, enhance my skills in the state-of-art technologies and be a part of the team that work towards the growth of organization.

Educational Qualification:

Qualification	Discipline / Specialization	Institution and Place	Board / University	Year of Passing	Aggregate / CGPA
M.E	Power Systems and Automation	Andhra University College of Engineering(A), Visakhapatnam, A.P.	Andhra University	2015	9.33
B.Tech	Electrical & Electronics Engineering	Raghu Engineering College, Visakhapatnam, A.P.	Jawaharlal Nehru Technological University , Kakinada	2010	70.11%
Intermediate	Mathematics , Physics & Chemistry Stream	Sri Chaitanya Junior College, Visakhapatnam, A.P.	Board Of Intermediate Education, A.P.	2006	91.2%
10th	SSC	Andhra University High School , Visakhapatnam, A.P.	Board Of Secondary Education, A.P.	2004	69.67%

Virtual Skills:

Languages: C

Software's: PSPICE, MATLAB, ETAP

Academic Projects:

B.Tech Project:

Title: Synchronization of Two D.C. Motors.

Description:

The main objective of this project is to run two D.C. Motors at same speed under any condition. The technique involved is voltage control method. The input to the two motors is controlled at every instant. The technique applied for synchronizing is armature voltage control by using microcontroller and some electronic components.

M.E Project:

Title: Power Frequency Transient Studies Using Dynamic Energy Balance.

Description:

The power-frequency transients are simulated for disturbances of generation loss and load loss on the test system of IEEE-14 bus by using **Dynamic Energy Balance** model. Dynamic Energy Balance is a new technique for power system dynamic simulation. It requires about one tenth the computational effort of a Transient stability study yet gives similar results so far as frequency transients are concerned.

Work Experience:

- Working as Assistant Professor in the Department of EEE in Gayatri Vidya Parishad College of Engineering for Women from July 2016 to till date.
- Worked as Assistant Professor in the Department of EEE in Gudlavalleru Engineering College from April 2015 to May 2016.
- Worked as Assistant Professor in the Department of EEE at Raghu Engineering College from Dec 2011 to Nov 2012.

Papers and Presentations:

- Published a paper entitled "Power Frequency Transient Studies Using Dynamic Energy Balance" at the ICRDET held at Pune on 21st December 2014, International Level Conference organized by IRAJ Research Forum.
- Presented a paper on "Voice XML" at QUARRK-08, National level Technical symposium conducted by Vignan Engineering College, Visakhapatnam.

Online Certification Courses:

- Completed a 12 week NPTEL Online Certification course on “Basic Electric Circuits” during July – Oct 2019 conducted by IIT Kanpur, was awarded with Elite + Gold certificate and was in top 1 % of Certified Candidates.
- Completed a 12 week NPTEL Online Certification course on “Fundamentals of Electrical Engineering” during July – Oct 2018 conducted by IIT Kharagpur, was awarded with Elite + Gold Medal certificate and was in top 1 % of Certified Candidates.
- Completed a 12 week NPTEL Online Certification course on “Basic Electrical Circuits” during July – Oct 2018 conducted by IIT Madras, was awarded with Elite certificate and was in top 5 % of Certified Candidates.

Workshops/ FDP’s / STTP attended:

- Participated in “A One Week National Level Faculty Development Programme on Current Research Trends in Power Systems and Power Electronics” conducted during 20th – 25th July 2020 by Vignan’s institute of Technology and Science for Women.
- “One Week Unique Hands on International Online FDP on Control Systems Design - From A Beginner to an Expert - 2.0” organized by Department of Electrical & Electronics Engineering of GMR Institute of Technology, Rajam, during July 05 - 10, 2020.
- Webinar on “Power Converter Topologies in Renewable Energy Sources” organized by department of EEE, NSRIT on 06th June, 2020.
- FDP On “**Control Systems Design - From A Beginner To An Expert - 1.0**” organized by Department of Electrical & Electronics Engineering of GMR Institute of Technology, Rajam during May 25 - 30, 2020.
- STTP on “Recent Trends in Power Quality Improvement Techniques in Grid Connected DG Systems” held at Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam, from 21st – 26th October, 2019.
- FDP on “Strategies and ICT Tools for Power Conversion Technologies & Applications (PCTA)” organized by the E&ICT, NIT Warangal, from 1st – 6th May, 2019.
- A Two Day National Workshop on “Research Tool for Advanced Modelling and Analysis of Electrical Utilities” during 20th – 21st November 2017, JNTUK-University College of Engineering Vizianagaram.
- STTP cum International Workshop on “Cyber Physical Systems” held at Indian Institute of Technology Kanpur, India during 20th – 26th March 2017.
- A Six-Day National Workshop on “NI-LABVIEW – Engineering & Technology Practices” held from 4th-9th July, 2016 at DIET, Anakapalle.

- A one week FDP on “Emerging Trends in Research Areas of Electrical Engineering” from 7th -11th Dec 2015 held at Gudlavalleru Engineering College, Krishna District-A.P.
- One week FDP on “ETAP Software Training and Its Applications” from 2nd – 8th June 2015 held at Gudlavalleru Engineering College, Krishna District-A.P.
- Two week FDP on “Pedagogy on Power Systems and Drives” from 18th – 30th May 2015 conducted at Gudlavalleru Engineering College, Krishna District-A.P.
- One day awareness workshop on “Patents, Copy Rights, Designs, Trademarks, The Semiconductor Integrated Circuits Designs, Geographical Indications and Plant Variety” held on 20th March 2014 conducted by Andhra University, Visakhapatnam, India.
- STTP on “Introduction to MATLAB Programming and SIMULINK-2012 (IMPS-12)” from 30th May to 02nd June 2012 and obtained **Grade A (excellent)** held at MVGR College of Engineering, Vizianagaram.

Industrial Exposure:

- Visited NTPC SIMHADRI as part of mini-project.

Areas of Interest:

Power System Stability analysis, Distribution system analysis, Load Flow Studies, Optimization Techniques

Personal Profile:

Date of Birth : 06-02-1989
Father’s Name : D.Ammanayya Reddy
Nationality : Indian
Languages known : English, Telugu

Declaration:

I solemnly declare that the information given by me is correct to the best of my knowledge and belief.

Date: 04-04-2021

(D. SRINIVAS REDDY)