

MACHAVARAM SANDEEP KUMAR

Flat No 301, Plot No 73/A,
Sri Mahalakshmi Nivasam,
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OBJECTIVE

To have an updated knowledge on the latest technologies in the field and bring more success to my organization and myself through hard work and dedication.

EDUCATIONAL PROFILE

Course	Institute	Board/University	Year of Pass	Percentage
Ph.D (EEE)	JNTUK	JNTUK, Kakinada	Pursuing	-
M.Tech. (Power Systems)	S V College of Engineering, Tirupati	JNTU, Anantapur	2017	74.9
B.Tech. (EEE)	P.B.R. Visvodaya Institute of Technology and Science, Kavali.	JNTU, Anantapur	2011	73.4
Intermediate (MPC)	Sai Co- Operative Junior college, Kavali	BIEAP	2007	94.8
SSC	Dr. L.K.R. Visvodaya Boys High School, Kavali.	BSEAP	2005	80

WORK EXPERIENCE

- Working as an Assistant Professor in BVRIT Hyderabad College of Engineering for Women, Hyderabad from 04.07.2019 to till date.
- Worked as an Assistant professor in Rishi M.S. Institute of Engineering & Technology for Women, Hyderabad from 03.10.2017 to 03.07.2019.
- Worked as Assistant Professor in Vishwa Bharathi College of Engineering, Hyderabad from 02.07.2012 to 29.05.2015.

TECHNICAL SKILLS

- Good at Circuit Design.
- Good knowledge on Power Electronic Converters
- Good knowledge on Basics of Battery Management System.

SOFTWARE TOOLS

- Technical Tools: MATLAB, NEPLAN, TINKERCAD, HIL and PSIM.
- Application Software: MS Office.

PERSONAL TRAITS

- Ability to work individually as well as in team.
- Enthusiastic in learning new things.
- Dedication towards assigned work.
- Adaptability to new environment.

PUBLICATIONS

- Sandeep Kumar M., Sruthi Meghana S., Geyavarshini B., Sai R.P., Sukruthi M. (2021) Analysis of Software Tool for Voltage Profile Improvement in IEEE 14-Bus System Using SVC. In: Reddy K.A., Devi B.R., George B., Raju K.S. (eds) Data Engineering and Communication Technology. Lecture Notes on Data Engineering and Communications Technologies, vol 63. Springer, Singapore.
- Machavaram Sandeep Kumar, S. Rakesh, Dr. Shaik Rafi Kiran, "Fuzzy based MLI- DSTATCOM with Synchronous reference frame in distribution network" IJSETR,ISSN:2319-8885, Vol.06, Issue.20, June-2017, Pages:3850-3855.

- Machavaram Sandeep Kumar, S. Rakesh, Dr. Shaik Rafi Kiran, “Design and Analysis of Fuzzy and PI controller based MLI-DSTATCOM with SRF theory” IJAERS, ISSN: 2349-6495(P) / 2456-1908(O), Special issue-5.

CONFERENCES

- Presented a paper titled “Analysis Of Software Tool For Voltage Profile Improvement In IEEE 14-Bus System Using SVC” in the Springer 4th International Conference on Data Engineering & Communication Technology (ICDECT-2020) organized by the Department of Electronics and Communication Engineering (ECE), Kakatiya Institute of Technology & Science (KITS), Warangal, Telangana during 25-26 September, 2020.
- Presented a paper entitled “Design and Analysis of Fuzzy and PI controller based MLI- DSTATCOM with SRF theory” in National Conference on Trends in Engineering and Technology (NCTET-2K17) held at SV Colleges, Tirupati.

ACHIEVEMENTS/CERTIFICATIONS

- Course Certification on “Design for Internet of Things” organized by SWYAM-NPTEL Online Courses and Certification.
- Course Certification on “Introduction to battery-management systems” an online non-credit course authorized by University of Colorado System and offered through Coursera.
- Course Certification on “AI For Everyone” an online non-credit course authorized by deeplearning.ai and offered through Coursera.
- Course Certification on “Outcome Based Education(OBE) and Academic Quality Assurance(AQA) through UDEMY.
- Received “Certificate of Merit” for best paper in National Conference on Trends in Engineering and Technology (NCTET-2K17) held at SV Colleges, Tirupati.
- Got 99.2 percentile in PGECET.

PERSONAL INFORMATION

Father's Name : M.C.V.N.S. PRASAD
Date of Birth : 04.05.1990
Marital Status : Married
Languages Known : English, Telugu
Nationality : Indian

DECLARATION

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

(M Sandeep Kumar)