

CURRICULUM VITAE

Dr RINCHIN W. MOSOBI

Lecturer (Electrical & Electronics Engineering)
Rajiv Gandhi Govt. Polytechnic College, Itanagar
Department of Education
Govt. of Arunachal Pradesh



E mail: rmosobi@rggp.ac.in

Mobile Number: 9862219864

EDUCATIONAL QUALIFICATION:

DEGREE	INSTITUTE
Ph. D (Power Quality Analysis of Integrated Renewable Energy System) - 2019	North Eastern Regional Institute of Science and Technology (NERIST) (Under Ministry of Education, Govt. of India) Deemed to be University.
M. Tech (Power System Engineering) - 2014	North Eastern Regional Institute of Science and Technology (NERIST) (Under Ministry of Education, Govt. of India) Deemed to be University
B. E (Electrical Engineering)- 2011	All India Shri Shivaji Memorial Society (AISSMS), Institute of Information Technology (IOIT) affiliated to Savitribai Phule Pune University (formerly University of Pune)

TEACHING EXPERIENCE

24th Jan, 2020–5th September, 2022	Assistant Professor (Electrical Engineering Department) Delhi Technological University (Formerly Delhi College of Engineering) New Delhi -110009 GOVT. OF NCT OF DELHI
7th September, 2022 – till date	Lecturer (Electrical & Electronics Engineering) Rajiv Gandhi Govt. Polytechnic College, Itanagar Department of Education An ISO 9001:2015 Certified Institution NBA Accredited Programs: Civil Engg. and Electrical & Electronics Engg. GOVT. OF ARUNACHAL PRADESH
28th Jan, 2023 – 28th Jan, 2025	Trainer for Jal Urja Mitra Skill Development Training Programme (MNRE, GOI) Trainer ID – TR296490

PUBLICATIONS

List of Journals (SCOPUS -INDEXED)

1. **Rinchin W. Mosobi** and Sarsing Gao, “Power Quality Analysis of Low Voltage Distributed Generators in Standalone and Grid connected modes”, International Journal of Power and Energy Conversion, Inderscience, vol.12, no.4, pp.267-293, 2021. DOI: 10.1504/IJPEC.2021.118029
2. **Rinchin W. Mosobi** and S. Gao, “Performance Analysis of Distributed Energy Resource-Based LV Distribution Grid”, Journal of Institute of Engineers, India Series B (2019), Springer. DOI: 10.1007/s40031-019-00402-2
3. **Rinchin W. Mosobi** and S. Gao, “Power quality analysis of hybrid renewable energy system”, Cogent Engineering, Taylor & Francis, vol. 2, pp. 1-15, 2015. DOI: 10.1080/23311916

List of Conference Papers (SCOPUS -INDEXED)

1. **Rinchin W. Mosobi** and S. Gao, “Distributed Generators based DSTATCOM and its Harmonic Assessment”, IEEE 17th India Council International Conference (INDICON) New Delhi, India, 2020, pp. 1-6, DOI: 10.1109/INDICON49873.2020.9342436
2. **Rinchin W. Mosobi** and S. Gao, “Performance Analysis of Hybrid Solar-Wind-Micro hydro System in Islanded Mode”, IEEE TENSYP, Sydney, Australia, 2018, pp. 106-111. DOI: 10.1109/TENCONSpring.2018.8692037
3. **Rinchin W. Mosobi** and S. Gao, “Distributed Generator Based DVR Application to a LV Distribution Grid”, IEEE ICEPE, Shillong, India, 2018, pp. 1-6. DOI: 10.1109/EPETSG.2018.8658971
4. **Rinchin W. Mosobi** and S. Gao, “Modeling and simulation of integrated renewable energy sources feeding three-phase load”, IEEE ICEPE, Shillong, India, pp. 1-6, Jun. 2015. DOI: 10.1109/EPETSG.2015.7510172
5. **Rinchin W. Mosobi** and S. Gao, “Modeling and power quality analysis of integrated renewable energy system”, IEEE NPSC, IIT Guwahati, pp. 1-6, Dec. 2014. DOI: 10.1109/NPSC.2014.7103806
6. Amisha Srivastava, M. Rizwan and **Rinchin W. Mosobi**, “Energy Management System: A Review on Ruling and Reckoning Opportunities to Save Energy”, International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication (MARC), Lecture Notes in Electrical Engineering (LNEE), Springer, Dec10-11, 2021.
7. Amisha Srivastava, M. Rizwan and **Rinchin W. Mosobi**, “Comparative Analysis of Particle Swarm Optimization and Differential Evolution Algorithm to Curtail Power Consumption using Smart Energy Meter Analytics" IEEE International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2022), Bhilai, Chhattisgarh, India during 21-22, April 2022.
8. Spandan Srivastava, Charu Lata, Prateek Lohan, **Rinchin W. Mosobi**, “Comparative Analysis of Particle Swarm Optimization and Artificial Neural Network Based MPPT with Variable Irradiance and Load”, International Journal of Electrical and Electronics Research (IJEER), vol. 10 Issue 3, pp. 460-465, August 2022.

FDP/WORKSHOPS/STTP CONDUCTED:

- Coordinator of one day Retailer Training Programme under Bureau of Energy Efficiency (BEE), Ministry of Power, GOI organized by Arunachal Pradesh Energy Development Agency (APEDA) in collaboration with RGGPC on 7th August, 2024.
- Trainer for “Jal Urja Mitra Skill Development Training Programme” under the Ministry of New & Renewable Energy, GOI at RGGPC w.e.f 24th July, 2023 to 5th Sept, 2023.
- Course Coordinator of Short-Term Training Programme (STTP) on Domestic Electrical Wiring w.e.f 15th -21st Feb, 2023 organized by Electrical & Electronics Engineering (EEE) Department of Rajiv Gandhi Govt. Polytechnic College, Itanagar.
- Course Coordinator of Faculty Development Programme (online) on “Power Quality and Reactive Power Management” organized by Electrical Engineering Department, DTU in association with Clariant Power System Ltd. Pune, 6th-10th July, 2020.

COURSE COMPLETED:

- Eight Modules Orientation Course for Inductee Teacher by National Initiative for Technical Teachers Training (NITTT) as Comprehensive Training Policy under the initiative of AICTE, September 2021.
- Courses from Online Learning Platform (COURSERA):
 - Electric Power Systems authorized through University at Buffalo and The State University of New York
 - Introduction to Power Electronics authorized by University of Colorado Boulder

- Introduction to Electronics authorized by Georgia Institute of Technology
- Introduction to the Internet of Things and Embedded Systems authorized by University of California.

WORKSHOPS & TRAINING PROGRAM ATTENDED

- Faculty Development Programme on “Advanced Pedagogy” organized by National Institute of Technical Teachers’ Training and Research, NITTTR Kolkata, India, 24th June- 5th July, 2024.
- Short Term Training Programme on “Enabling Power Electronics Technologies for EVs Ecosystem” organized by Department of Electrical Engineering, NIT Uttarakhand, 5th-9th Feb, 2024.
- ATAL Faculty Development Programme on “Computational Intelligence for solving complex engineering problems using Python” organized by North Eastern Regional Institute of Science & Technology (NERIST), 30th Oct – 4th Nov, 2023.
- Faculty Development Programme on “Essentials of Outcome Based Education” organized by National Institute of Technical Teachers’ Training and Research, NITTTR Kolkata, India, 20th Nov- 24th Nov, 2023.
- Faculty Development Programme through Hybrid Mode on Induction Training organized by National Institute of Technical Teachers’ Training and Research, NITTTR Kolkata, India, 17th Oct- 28th Oct, 2022.
- Short Term course on “Microgrid Opportunity: Renewable Energy Resources and Buildings” organized by Department of Electrical Engineering, Faculty of Engineering, Dayalbagh Educational Institute, Dayalbagh, Agra, India, June 16-20, 2020.
- Pre-Conference Faculty development programme SEFET-2021 on “Artificial Intelligence, Machine Learning, Internet of Things & Big Data Application in Power Electronics and its Allied Areas” organized by GRIET, Hyderabad, Telangana, 1-6th June 2020.
- Workshop on “Power Quality Challenges with RE integration in Smart Grid” organized by Central Power Research Institute (CPRI) Bengaluru during Feb 23rd-24th, 2017.
- Short Term Training Program on “Renewable Energy Applications: Practices and Challenges” organized by Department of Electrical & Instrumentation Engineering at Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Punjab, Dec 21-25, 2015.
- Induction Training Program conducted by National Institute of Technical Teachers’ Training and Research, NITTTR Kolkata during Sept 11-20, 2015.

SCHOLARSHIPS

- GATE Fellowship during M Tech.
- MHRD Fellowship during Ph. D

PERSONAL DETAILS:

Name: Rinchin W Mosobi

Date of Birth: 17/03/1990

Father’s name: Sang Norbu Mosobi

Gender: Female

Languages Known: English, Hindi & Sherdukpen dialect

Permanent Address: P.O/ P.S Rupa, Village Rupa
H.Q Bomdila, West Kameng district
Arunachal Pradesh- 790003

Communication Address: Dr Rinchin W. Mosobi, Lecturer
Electrical & Electronics Engineering (EEE) Department
EEE Faculty Room
Rajiv Gandhi Govt. Polytechnic College
Vivek Vihar, Itanagar-791113
Arunachal Pradesh