

Resume

Dr Ralli Sangno, Ph.D,
Assistant Professor
Department of Electrical Engineering
NIT Arunachal Pradesh, Jote
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Dr. Ralli Sangno received his **B.E** in **Electrical Engineering** from Government Engineering College (GECM), Modasa, Gujarat which is affiliated to **Hemchandracharya North Gujarat University (HNGU)**, Patan in the year 2006, obtained **M. Tech (PSE)** from NERIST in 2009 and awarded **PhD** from the same Institute in the year 2019. He joined as Assistant Professor in Electrical Engineering Department (Then Electrical & Electronics Engg.) in NIT AP in the year 2013. Before joining NIT AP, he served as Guest Lecturer in NERIST in 2008 and as An **Engineer (O&M)** in **10X270 MW TPP at Amravati**, Maharashtra from 2011 to 2013. He is a dynamic academic and researcher with over a decade of experience in teaching, research, and project supervision in electrical engineering, renewable energy, power systems, and electric vehicles. Published extensively in reputed international journals and conferences (Springer, Elsevier, IEEE, Taylor & Francis). Guided multiple Ph.D., M.Tech., and B.Tech. projects, and actively contributed to funded research projects, workshops, and professional development programs. Skilled in academic leadership, community engagement, and campus administration with demonstrated expertise in energy systems, power quality, and MEMS/NEMS converters for renewable energy applications. His brief biodata can be seen as follows:

Education Qualification:

S/No.	Degree	Institution	Year
1	Ph.D.	NERIST	2019
2	PGDTPPE	SYNERGEM	2012
2	M.Tech (PSE)	NERIST	2009
3	B.E(Elect)	HNGU	2006

Post-Graduation project supervised:

S/N	Title	Name of scholar	Year
1.	Feasibility study of micro hydro power plant at Basar Arunachal Pradesh.	Toni Kamsi	2018
2.	Dc ring bus microgrid protection and fault analysis	Midar Riba	2019
3.	Development of C-Based Prototype for Dual Axis Solar Tracking System for Jote	Millo Meena	2021
4.	Designing a sustainable wireless EV charging strategy with integration of renewable sources and IOT.	Amit Kumar Singh	2024

Undergraduate project supervised:

S/N	Title of Dissertation / Project	Name of student(s)	Co-Supervisor(s), if any	Year
1	Design of HT & Underground LT lines in NIT Jote using power world simulator.	1. Hunpu Tangha 2. Biraj Borah 3. Amarjeet Kumar	N/A	2014
2	Robust Voltage and Frequency Controllers for SEIG feeding three phase loads	1. Aman Parasar 2. Sandip Kumar 3. Aditya Yadav 4. Surendra Singh	N/A	2014
3	Investigation of Small Hydro Power Plants in Arunachal Pradesh	1. Yashni Nagarajan 2. Nupur, 3. Deepa Nath	Dr. Rajen Pudur	2014
4	Simulation and Design of a 3-phase AC/AC Matrix converter	1. Vinay Giri 2. Sandeep Kumar 3. Vishal Singh	N/A	2015
5	Simulation and Designing of MEMS based Low power efficient capacitive power inverter	1. Kuljeet Singh 2. Bhawna Kumari 3. Vinod Kumar Meena 4. Kime Oppo	N/A	2016
6	Optimization of Electrostatic Actuator for MEMS based Inverter for Solar PV application	1. Ved Prakash Chauhan 2. Neeraj Kumar 3. Rahul Raj Sharma	N/A	2017
7	Designing a 70-kW micro hydro power plant for rural electrification at Manga river under Giba administrative circle of Arunachal Pradesh.	1. Chapi Marging 2. Subodh Kumar	N/A	2020
8	Designing-optimization of Electric vehicle charging location information system.	1. Saurav Meena 2. Likha Napa 3. Aping Dai 4. Ashutosh Kumar	N/A	2021
9	Design and analysis of solar pv-biomass based off-grid hybrid power generation for Jote.	1. Bamin Dimin 2. Likha Nem 3. Govil Kaman	N/A	2022
10	Development of a low cost and efficient technique for power theft detection	1. Bhagirath Siddh 2. Maru Mama 3. Rohit Raj 4. Apbir Sitang	N/A	2023

11	Unplugged Potential: Advancing Electric Mobility with wireless charging.	1. Linggen Mize 2. Vinay Beniwal 3. Vishal Kumar 4. Kanchupati Dileep 5. Chutluri Harikrishna Gupta	N/A	2024
12	Stability and control of grid connected PV model using decoupled philosophy	1. Kuru Khokhung 2. Tajin Appa 3. Reri Jugal Sorum 4. Vinaiso Pull	N/A	2025
13	Power quality improvement using Sogi FLL ROGI Technique on SEIG based off-grid power system.	1. Bobo Cheda 2. Kipa Kiokam 3. Robert 4. Tani Taki 5. Tsering Chukla	N/A	2025
14	Photovoltaic to high voltage direct conversion.	1. Khoda Rido 2. Pura Takar 3. Binit Koch 4. Yukam Biyu 5. Taku Rino	N/A	2025

PhD Supervised:

S/N	Title	Name of scholar	Co-Supervisor(s), if any	Year
1.	Modified control system for improving power quality in integrated renewable sources.	Jotirmoy Samanta	Dr. Rajen Pudur	Advance State
2.	Hybrid DC-DC Converter for Renewable Energy Application.	Habung Tado	Dr. A. Lavanya	Pursuing
3.	AI/ML base control strategy for custom power devices.	Nabam Bida	N/A	Pursuing

Workshop/Seminar/conference attended/Conducted:

1. 1st International Conference on “*Power, Dielectric and Energy Management at NERIST (ICPDEN 2015)*” on 10th – 11th January 2015.
2. Professional Development Programme on “*Advanced Power Electronics and Power Quality*” at IIT Dhanbad from 5th -10th July 2015.
3. 2nd International Conference on “*Intelligent Computing, Communication & Convergence (ICCC-2016)*” at IITM Bhubaneswar on 24th -25th January 2016.
4. 2nd Research Summit on “*Computer, Electronics & Electrical Engineering (CEEE-2016)*” on 3rd -4th June 2016 at NIT, Arunachal Pradesh.

5. 6th IEEE International Conference on “*Communication & Signal Processing*” at Adhiparasakthi Engineering College on 6th – 8th April, 2017.
6. Attended Workshop on “*Recent Trends in VLSI Design (VLSID-2018)*” under TEQIP-III from 8th -12th January 2018 organized by Dept. of Electronics & Communication Engineering, NIT Arunachal Pradesh.
7. Attended Workshop on “*Advance Renewable Energy & It’s Implications on Electrical Insulation*” under TEQIP-III from 19th -23rd February,2018, organized by Dept. of Electrical Engineering, NIT Arunachal Pradesh.
8. Participated in Faculty Development Programme (FDP) on “*Recent Trends in Thermo-Fluids Engineering (REEFE-2018)*” Under TEQIP III Sponsored organized by Dept. of Mechanical Engineering, NIT Arunachal Pradesh.
9. Organizing Committee Member in Workshop on “*Soft Computing Techniques Applied in Distributed Generation (SCTADG-2018)*” under TEQIP III sponsored from 12th - 16th March 2018.
10. Participated one day Workshop on “*Livelihoods & Development*” under Gandhi Study Centre, NIT Arunachal Pradesh in Collaboration with Gandhi Samiti & Darshan Samiti (GSDS), New Delhi on 21st May 2019 Organized by Department of Electrical Engineering, NIT Arunachal Pradesh.
11. Attended Faculty Development Programme on “*Advanced Pedagogy, IPR, Sponsored Research & Entrepreneurship*” under TEQIP III & Dean Academic on 16th -20th September, 2019 at NIT Arunachal Pradesh.
12. Attended Workshop on “*Recent Trends in High Voltage & Power System Engineering*” under TEQIP-III from 26th -30th August 2019 organized by Dept. of Electrical Engineering, NIT Arunachal Pradesh
13. Attended Workshop on “*Distributed Generation in Power System Engineering*” under TEQIP-III from 21st - 25th October, 2019 organized by Dept. of Electrical Engineering, NIT Arunachal Pradesh.
14. Conducted 5 days’ workshop on “*Electrical Machine Analysis & Design Using JMAG*” Sponsored by TEQIP III on 10th -14th February, 2020 at NIT Arunachal Pradesh.
15. Participated as Resource Person in FDP Workshop on “*Block Chain Technology*” Sponsored by AICTE Training and Learning (ATAL) Academy & TEQIP III Organized by Department of Computer Science & Engineering from 17th – 21st August, 2020 at NIT Arunachal Pradesh.
16. Participated as Session Chair in 1st International Springer Conference on “*Electronic System & Intelligent Computing (ESIC 2020)*” on 2nd -4th March, 2020 Organized by NIT Arunachal Pradesh.
17. Participated on “*7th Online course on advance solar pv syst software designing*” on Conducted by Manjuma Sunny Consultancy Private Limited (MUS) on 18th -19th July, 2020.
18. Participated in National Level Faculty Development Programme on “*Research Initiatives in Renewable Energy Systems*” Conducted by Department of Electrical & Electronics Engineering, Muthoot Institute of Technology & Science, Bangalore on 21st -25th July,2020.

19. Completed One Week Training on “*Typhoon HIL for Real Time Power Systems & Protection Studies*” Organized by Quarbz info Systems, Kanpur & Typhoon HIL GmbH Switzerland from 20th -24th July 2020.
20. Participated in Online Training Programme on “*Renewable Energy Grid Integration Technology and Smart Energy Market Management*” conducted by National Power Training Institute (NPTI), North Eastern Region, Guwahati on 30th July, 2020.
21. Participated 5 days online training programme on “*Simulation Tools for Power Converters & Applications*” Organized by Department of Electronics & Communication Engineering, BMSCE, IEEE SSIT-ES, IES & PELS Bangalore Chapters from 27th – 31st July, 2020.
22. Participated in 5 days Webinar on “*Implementation of Reservation Policy in Service for SC/ST/OBC & PWD in Government Institutes*” Sponsored by TEQIP III from 31st July-4th August 2020 at NIT Arunachal Pradesh.
23. Participated online seminar on “*Intelli-suite & EDA*” Organized by Micro-Electronic Research Group (MERG), Department of Electronics & Communication Engineering, KLEF (Deemed to be University),Vaddeswaram, Guntur, Andhra Pradesh on 19th August, 2020.
24. Organized one day national webinar on “National Education Policy 2020: Role of Education Partners” on 19th August,2020.
25. Participated in Webinar on “*Solar Energy Application in Present Era*” Sponsored by GUJ-COST, Organized by Department of Mechanical Engineering, Government Engineering College, Patan, Gujarat on 16th October, 2020.
26. Conducted 5 Days National Level Faculty Development Programme on “*Emerging Trends in Renewable Energy Technology (ETRET 2020)*” sponsored by TEQIP III on 16th -20th November, 2020.
27. Participated as Session Chair in International Conference on “*Recent Trends in Development of Thermo Fluids and Renewable Energy (TFRE 2020)*” on 26th -28th November, 2020 Organized by NIT Arunachal Pradesh in collaboration with IIT Guwahati.
28. Participated in online FDP Workshop on “*Electric Vehicles*” Sponsored by AICTE Training and Learning (ATAL) Academy, Organized by Department of Electrical Engineering from 7th – 11th December, 2020 at NERIST Arunachal Pradesh.
29. Organized 5 Day online Workshop on “*Entrepreneurship & Innovation as a Carrier Opportunity*” for students/Faculty from 18th -22nd January,2021 for IIC-Institute of Innovation Cell & Start up Cell NIT Arunachal Pradesh as Convenor Sponsored by TEQIP III.
30. Conducted one day webinar on “*Role of Teachers’ in National Education Policy (NEP)Awareness, Orientation, Challenges and Responses*” 19th February, 2021.
31. Participated in 5 days Online Training on “*Model Based Development for Solar Powered Micro-grid*” Organized by Quarbz info Systems, Kanpur & Typhoon HIL GmbH Switzerland from 31st May -4th June 2021.
32. Session Chaired in One day training Programme on “*Skill development & Entrepreneurship*” sponsored by Atma Nirbhar Bharat (ABA) on 14th February,2021 organized by Papumpare Eco- Agro, Sonajuli, Arunachal Pradesh.

33. Organized National Conference on NEP 2020 “ALAP-Academic Leadership Alignment Programme Two-Day Anandshala (Blissinar)” on 20th -21st April, 2023.
34. Organized (Convenor) one-week ‘Entrepreneurship & Skill Development Program on Robotics & IOT’ on 11th – 15th March, 2024 at Department of EE, NIT AP.
35. Organized 5-Days Faculty Development Program on ‘Advances in Electrical Engineering Smart grids and Distributed Generation’ on 13th – 17th May,2025 at Department of EE, NIT AP.

Other Events organized/Coordinated: -

S/N	Name of Events	Date of Event
1	Unnat Bharat Abhiyan “Computer awareness drive at adopted village” Govt. Secondary School, Jote	24.01.2023
2	Rashtriya Ekta Diwas	31.10.2023
3	Maharishi Dayanand Saraswati birth Anniversary	30.10.2023
4	Birth Anniversary of Ashfaq Ullah Khan	22.10.2023
5	Dr APJ Abdul Kalam Birth Anniversary	15.10.2023
6	Meri Maati Mera Desh Amrit Klash Yatra & Pledge taking Ceremony	13.10.2023
7	International Non-violence Day on Gandhi Jayanti	02.10.2023
8	Swachta Phakwada	15.09.2023 to 02.09.2023
9	Hindi Phakwada	19.09.2023 to 30.09.2023
10	Chandrayan Maha quiz	20.09.2023
11	Academic Leadership Alignment Program (ALAP-2023) on NEP 2020	20.04.2023 to 21.04.2023
12	Yuva Sangam Ministry of Youth Affairs	24.02.2023 to 02.03.2023
13	Samvidhan Diwas	26.11.2023
14	9 th International Yoga Day	21.06.2024
15	Jan Jatiya Gaurav Diwas 2023” organized by National Institute of Technology	15.11.2023 to 26.11.2025
16	Viksit Bharat	13.03.2024
17	Mera Pehla Vote Desh Keliye	28.02.2024-6.03 2024
18	“International Day Against Drug Abuse”	26/06/2024
19	“World Environment Day” Plantation Drive	05.06.2024
20	Red Run Marathon AIDS awareness campaign at Jote	29.08.2024
21	International Non-Violence Day Sanitation drive	01.10.2024 to 03.10.2024
22	Plantation drive “Ek ped maa ke naam”	05.09.2025
23	Induction day Camping & tracking at Adopted Villages by Newly inducted NSS volunteers	28.08.2025 to 12.09.2025
24	Red Run Marathon AIDS awareness campaign at Jote	12.09.2025

Project Undertaken:

S/N	Title	Cost in Lakh	Duration	Role as PI/Co-PI	Agency
1.	Skill Development Training on edge-off-grid system using renewable energy for underserved community/Scheduled Tribe (ST) of Arunachal Pradesh	5.0	3 years	PI	DST

Patents filed/Granted with details:

S/N	Application No.	Inventor(s)	Filing Date	Application Status	Agency
1	2021110085	Ralli Sangno etal.	2021/01/07	Granted	AusPat

Books Published /Chapters contributed:

S/N	Title	Author's Name	Publisher	Year of Publication
1	Efficient Energy Management in Hybrid Electric Vehicles Using DRBF Networks	R Sangno , SP Panigrahi, S Kumar	Advances in Computational Intelligence, Springer Nature Switzerland AG	Vol.988, Page: 15-21, Year: 2020
2	Performance Analysis of Micro Hydropower Plant with Electronic Load Controller	Rajen Pudur, Ralli Sangno , K. Paul	Computer, Electronics and Electrical Engineering (CEE)	3rd – 4th June 2016, Vol-1, ISBN 978-93-85777-69-1, pp, 230-239, Yupia, NIT AP
3	Modified P-Q Control Algorithm of Shunt Active Power Filter to Reduce Harmonics, Voltage Regulation, Power Factor Correction and Unbalanced Load for Hydro Electric Power Plant	Ralli Sangno & Rajen Pudur Jotirmoy Samanta	Challenges and Opportunities of Distributed Renewable Power, Springer, Singapore	Volume-14 Pages-445–466, https://doi.org/10.1007/978-981-97-1406-3_16 , Print ISBN 978-981-97-1405-6, Published 30 April 2024

Administrative /Work Experience:

S/N	Position held	Period		Nature of duties
		From	To	
1	Guest Lecturer (NERIST)	January 2008	June 2008	Teaching
2	Engineer (O&M) at Indiabulls Power Ltd. (10X270 MW TPP) Amravati, Maharashtra	January 2011	November 2013	<p>(1) As Power Engineer (Electrical) in the O&M Department:</p> <ul style="list-style-type: none"> ○ Testing & commissioning of 660 KV switchyard supplied by ABB. ○ Testing & commissioning of 63MVA station transformer by Areva. ○ Testing, commissioning of 270MW Generator protection relays. ○ Testing, commissioning of transformers 750MVA (Generator transformer), 88MVA (Station transformer) and 25MVA (Unit transformer). ○ Testing and commissioning of transformer protection relays and types of equipment. ○ Testing and commissioning HT conveyor belt motors ○ Testing and commissioning HT crusher motors ○ Testing and commissioning LT belt feeder motors ○ Testing and commissioning of LT Vibrating screener Motors ○ Testing and commissioning of LT cooling tower Motors ○ Inspection of PCC, MCC and Relay panels on the site at the time of commissioning. ○ Inspection of batteries in battery rooms of PCC & MCC ○ Testing of Power Cables

				<p>(2). As Graduate Engineer Trainee (GET) in BD:</p> <ul style="list-style-type: none"> ○ Assisting in obtaining various clearance and NOCs from Govt. Deptt. Of Arunachal Pradesh for Hydro Power Projects in Seppa viz. Papu HEP, Pachi HEP, Sepla HEP, Kaya HEP, and Tharang warang HEP ○ Keeping the records of all the power projects related documents- Thermal, solar, and Hydro Power. ○ Arranging the office files in order and maintaining correspondence with the govt. officials of A.P ○ Attended all the training provided by the HR personals time to time
3	Assistant Professor	06/09/2013	Till date	Teaching UG, PG and PhD
4	Faculty In charge Medical Unit	04/01/2018	05/03/2019	Look after administration of medical unit.
5	Lab in charge-control system lab	2013	2021	
6	Lab In charge -Energy Lab	2021	Till date	
7	Faculty In charge NIT Peace club	02/11/2019	03/11/2023	Fostering a culture of peace by developing: conflict resolution skills, promoting kindness and respect, and encouraging social responsibility through community service and awareness campaigns.
8	Warden Siang Hostel	26/11/2019	26/08/2021	Ensuring the health, hygiene, and general well-being of students. Enforcing hostel rules and regulations to maintain discipline and decorum. Addressing disciplinary issues and resolving conflicts among residents. Providing support and counseling to students facing challenges.
9	Warden Papum Hostel	27/08/2021	28/08/2022	-Do-
10	Warden Papum Hostel	20/09/2023	20/09/2025	-Do-
11	NSS Program Officer	07/09/2021	Till date	To guide student volunteers in National Service Scheme (NSS) activities, fostering their personal

				development through community service, planning, implementing, and evaluating NSS projects, maintaining records and accounts, liaising with university officials and promoting awareness of NSS programs to students and the wider community.
12	Faculty In charge- Security & Surveillance	09/07/2024	09/07/2026	Maintaining campus security inside the campus.
13	Nodal Officer- Tobacco Free Campus	26/09/2024	Till date	Organize and oversee activities like awareness campaigns, poster-making contests, slogan competitions, and rallies to educate the campus community about the harms of tobacco. Ensure that the institution complies with anti-tobacco laws, including prohibiting tobacco sales within 100 yards of the campus premises and working with local authorities to stop such sales.
14	Co-Coordinator- Unnat Bharat Abhiyan	13/09/2021	14/06/2024	
15	Faculty Coordinator- Red Ribbon Club	09/02/2023	Till date	
16	Member-committee state council for IT & E - governance	17/03/2021	Till date	State Council for IT & E-Governance, GoAP
17	Convenor-Security Tender Evaluation Committee	30/01/2024	Till date	The Evaluation Committee's function is to carry out the technical and financial evaluation of tenders or proposals
18	Member- Tender Evaluation Committee Civil & Electrical Works	14/11/2024	Till date	-Do-
19	Member- Tender Evaluation Committee at Centre For Earth Science & Himalayan Studies, Department of Science, Technology, GoAP	09/01/2025		-Do-
20	Nodal Officer: - Adi Karmyogi students Chapter, NIT AP, Minstry of Tribal Affairs	17/09/2025	16/09/2025	N/A

Subject taught:

S/N	Subjects
Undergraduate (B.Tech)	
1.	(EEE401): Smart Material & Devices
2.	(EE403/EEE403): Power System Engineering-I
3.	(EEE404): Control Systems Engineering
4.	(EEE406/EE406): Electrical Engineering Materials/Smart Materials and Devices
5.	(EEE601/EE401): Renewable energy sources
6.	(EE402): Renewable Energy LAB
7.	(EEE 602): Electrical system design
8.	(EEE603/EE603/EE322): Power System Operation and Control
9.	(EEE701/EE703/EE412A): Power Plant Engineering
10.	(EEE704A): Computer-Aided Power System
11.	(EEE708B): Restructuring in power system
12.	(EE1102): Basics of Electrical & Electronics Engineering
13.	(EE321/EE3203): Switchgear & Protections
14.	(EE3204): Switchgear & Protections LAB
15.	(EE404A): Flexible AC Transmission Systems (FACTS)
16.	(EE502): Electrical Machine design-I
17.	(EE503): Innovative and Creative Designing of Systems
Postgraduate (M.Tech REEM & M.Tech. PESE)	
1.	(EE902/EE502): Solar Power Generation/Solar Energy Conversion & Photovoltaics
2.	(EE504): Solar Power Generation/Solar Energy Conversion & Photovoltaics (LAB)
3.	(EE 906): Energy management & Auditing
4.	(EE 601A): Grid Integration of Renewable Energy
5.	(MH 513): Application of Appropriate Technology
6.	(EE501): Principles of Energy Conversion Systems
7.	(EE523): Power Quality Issues & Remedies
8.	(EE504): Power Electronic Interface for Photovoltaic Systems
9.	(EE508): Photovoltaic Systems Lab
PhD	
1.	(PhD030): Non-Conventional Electrical Energy Systems

Selected List of Publications:**IEEE transactions:**

1. Jotirmoy Samanta, **Ralli Sangno**, Rajen Pudur “*Enhancement of power quality in edge of grid systems: MCC-SRF based control for dynamic load compensation*” IEEE IAS,2025.

Journals:

1. **Ralli Sangno et al.** “*Hybrid wind solar energy system with Quasi-ZSI for optimal power point tracking*” International Journal of Power Electronics, Inderscience publishers,2025. DOI: 10.1504/IJPELEC.2025.10072348.
2. Jotirmoy Samanta, Samrat Chakraborty, **Ralli Sangno**, Rajen Pudur “*Study of power quality issues in a renewable-driven self-excited induction generator due to different loads at edge-off grid system*” e-Prime-Advances in Electrical Engineering, Electronics and Energy, Elsevier, Vol.11, pp-100885,2025.

3. Jotirmoy Samanta, **Ralli Sangno**, Rajen Pudur “*A Modified control scheme to mitigate harmonics, improve voltage regulation & power factor using single phase active power filter*” Suranaree Journal of Science and Technology (SJST), Vol.31, Issue-31, pp-010343(1-7),2024.
4. **Ralli Sangno etal.** “*Maximum power extraction of partially shaded solar photovoltaic array using reconfiguration method*” Smart Science, Taylor & Francis, Vol.12, Issue-4, pp-575-592,2024.
5. **Ralli Sangno etal.** “*Multi-term islanding protection and load priority-based optimal shedding framework for maintain voltage stability loadability in microgrid system*” Electrical Engineering, Vol.105 (06 (ISSN 0948-7921)), Springer Nature, pp1-19,2023.
6. **Ralli Sangno etal.** ”*Design and Optimization of Slotted Stator Tooth Switched Reluctance Motor for Torque/ Enhancement for Electric Vehicle Applications*” International Journal of Ambient Energy, Taylor & Francis, Vol.43,Issue-1, pp-4283-4288,2022, <https://doi.org/10.1080/01430750.2021.1873857>,2021.
7. **Ralli Sangno**, S Maity, R.K.Mehta, “*MEMS Based Low Power Efficient Capacitive Inverter for renewable energy applications*” IEEE VLSI Circuits and Systems Letter, Vol-5, 2019, pp – 1-9.
8. **Ralli Sangno**, S. Maity, R.K. Mehta, “*Improvement in capacitive performances of efficient micro electro mechanical system (MEMS) based power inverter*” Vol.5, 2018.
9. **Ralli Sangno**, P.Devechandra, Rajen Pudur, “*Reliability Evaluation of a 132/33 kV HV Substation*”, International Journal on Current Science & Technology, NIT AP, Vol.4 (ISSN: 2320 5636), 2016.

Conferences:

1. **Ralli Sangno**, S.Maity, R.K. Mehta., “*Plasmonic effect due to silver nanoparticles on silicon solar cell*”, Journal of Renewable Energy, volume2016, pp- 1-7, doi:10.11/2016/4127619.
2. **Ralli Sangno**, S. Maity, R.K.Mehta, “*Plasmonic Effect due to silver nanoparticles on Silicon solar cell*”, Procedia Computer Science, Elsevier, vol. 92, 2016, pp. 549–553.
3. J Samanta, **R Sangno**, R Pudur “*Modified SRF theory-based shunt active power filter for power quality improvement*” IEEE 4th International Conference on Sustainable Energy and Future (SEFET), 2024, pp-1-6.
4. Jotirmoy Samanta, **Ralli Sangno**, Rajen Pudur “*Non-Linear PID Based Power Quality Improvement Using Single-Phase Shunt Active Power Filter*” IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES,2024,pp-1-6.
5. Jotirmoy Samanta, **Ralli Sangno**, Rajen Pudur, Mohan V Aware “*Hybrid Converter with Simultaneous DC and AC Outputs*” IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), 2024, pp-1-5.

Personal Information: -

Full Name : - Dr. Ralli Sangno.
Father's Name : - Late Harang Sangno.
Date & Place of Birth : - 15/12/1982, Seppa, East Kameng District, Arunachal Pradesh-790102
Permanent Address : - Lorah Village, PO/PS: Khenewa, East Kameng District,
Arunachal Pradesh-790102.
Corresponding Address : - Department of Electrical Engineering, NIT, Arunachal Pradesh, Jote ,
Papumpare-791123
Category : - ST (Nyishi)
Nationality : - Indian
Language Known : - Hindi, English and Nyishi
Contact No. : -9402855977

Declaration: -

I do hereby declare that above mentioned information is true to the best of my knowledge and belief.

Date

(Signature)