CURRICULUM VITAE
TITAS KUMAR NAG

Present Address

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Objective:

I am very much focused on effective engineering teaching in practice. I think modern technology can be effectively utilized in engineering teaching and very keen to provide technology enabled effective engineering teaching in practice. I have expertise to design lesson plan to provide learner centric teaching-learning pedagogy. Moreover I firmly believe that a teacher is a facilitator and guide who motivates his/her pupils to acquire knowledge for themselves.

Strengths:

Responsible, good team member, problem solving skill.

- **Optimistic, Hard worker.**
- **Punctual**

Educational Qualification:

Qualifications	Institute	Board / University	Year	Result
Ph.D (Engg.)	NIT Mizoram	NIT Mizoram	Pursuing	Pursuing
M.Tech (Power Systems)	Techno India College Of Techno India	W.B.U.T.	2014	7.9 (DGPA)
B.Tech (Electrical&Electronics Engg.)	Camellia Institute of Technology	W.B.U.T.	2011	7.76 (DGPA)
10+2 (Science.)	Howrah Vivekananda Howrah	W.B.S.C.T.E.	2008	72.5%
Madhyamik	Howrah Vivekananda Institution	W.B.B.S.E.	2005	75%

Work Experiance:

Types of Job	Organization	Designation	Duration
Academic	Saroj Mohan Institute of Technology, A Unit of Techno India Group.	Assistant Professor.	2.5 Years (29th January of 2014-July of 2016)
	Bengal College of Engineering and Technology, Durgapur	Assistant Professor.	8 months (4th August of 2016-29th March of 2017)
	Adamas University, Barasat,Kolkata	Assistant Professor	1st April 2017 to 31st August 2021(4yrs 4 months) (from- 1st April,2017 and as a H.O.D from- January, 2018 to Nov. 2018)
	Swami Vivekananda University	Assistant Professor	1st September 2021 to till date
Administrative	Adamas University Barasat,Kolkata	Departmental syllabus revising committee	Arpil,2017 to till date.
		Member of International conference committee	Sept. 2017 to till date.
		Member of Career Development Cell.	January, 2018 to till date.
		Member of Entrepreneurship Cell	January, 2018 to till date.
		Time table coordinator	January, 2018 to till date
		NAAC-II coordinator University level	2020 to
		LMS design	2020 to till date
	Swami Vivekananda University	BOS member from department	2021 to till date
		NSS program coordinator	2023 to till date
		IIC coordinator	2022 to till date
		Member of career Development Cell.	2023 to till date

Research Interest:

Renewable integration impact to grid specially for E- Vehicles charging.

Teaching Interest:

Computer organization and architecture, DBMS, Digital Electronics, Basic Electrical Engineering, Electrical Machines, Power Systems, Circuit Theory, Utilization of Electric Power etc.

Publications:

Applied Patent:

1. Applied patent (Application No : 201631000136, Dated 04 / 01 / 2016) for "A High Frequency Fly-Back Multizone Resonant Inverter with AC Input Source for Multi-Area Induction Heating"
2. Applied patent (Application No : 201731025244, Dated 17 / 07 / 2017) for "A System of Photovoltaic Integrated Solar Induction Heating and Solar Thermal Heating using High Frequency Full Bridge Series Resonant Inverter Under VSI (Voltage Source Inverter) Mode and Method for the Same"

- **International Journal:**
  1. Avijit Chakroborty, Debrata Roy, **Titas Kumar Nag**, Pradip Kumar Sahu, Nitai Paul"OPEN LOOP POWER CONTROL OF A TWO-OUTPUT INDUCTION HEATER" has been accepted for publication in Rev. Roum. Sci. Techn.– Électrotechn. et Énerg. **(SCIE JOURNAL)**
  2. Avijit Chakraborty, **Titas Kumar Nag**, Pradip Kumar Sadhu, Nitai Pal, "Harmonic Reduction in a Current Source Fed Quasi-Resonant Inverter Based Induction Heater", International Journal of Power Electronics and Drive System (IJPEDS) Vol. 7, no. 2, June 2016.

- **Book Chapter and Conference:**
  - **Titas Kumar Nag**, Avik Datta, Pradip Kumar Sadhu, "Autonomy Oriented Computation for Direct AC-AC Cascaded Boost Converter", Energy Systems, Drives and Automations, Springer, Singapore Pages 589-600, no. 2, Sept. 2020.
  - Conference presentation on:
    - ESDA2020 title of paper: Minimization of power loss in helical coil of a half bridge inverter with improved whale optimization
    - ESDA2019 title of paper: Autonomy Oriented Computation for Direct AC-AC Cascaded Boost Convertebr

Seminar / Course Attended or Organized:

Sl. No.	Course Title	Organized By	Venue	Duration
1.	Organized a seminar on Application of Power Electronics in Renewable Energy	Indian School of Mines, Department of Electrical Engineering, Dhanbad, Jharkhand.	Saroj Mohan Institute of Technology (Degree Engg. Div.), Guptipara, Hooghly-712512 (W.B.), India.	5th April 2014
2.	Application of Power Electronics in Renewable Energy	Indian School of Mines, Department of Electrical Engineering, Dhanbad, Jharkhand.	Indian School of Mines, Department of Electrical Engineering, Dhanbad, Jharkhand.	07th – 11th July, 2014
3.	Workshop on Control System	Indian Institute of Technology, Kharagpure, India.	Saroj Mohan Institute of Technology (Degree Engg. Div.), Guptipara, Hooghly-712512 (W.B.), India.	2nd December 2014 to 12th December 2014.
4.	Advanced Power Electronics and Power Quality	Indian School of Mines, Department of Electrical Engineering, Dhanbad, Jharkhand.	Indian School of Mines, Department of Electrical Engineering, Dhanbad, Jharkhand.	05th – 10th July, 2015
5.	3-D Printing and Prototyping.	Adamas University.	Adamas University	03rd to 04th Dec. 2017

Industrial Training:

- **VOCATIONAL TRAINING AT BOKARO THERMAL POWER STATION (BOKARO,DVC)DURING 2ND JANUARY 2010 TO 15TH JANUARY 2010.**
- **VOCATIONAL TRAINING ON PLC, SIEMENS S7-300 FROM ELECTRONICS REGIONAL TEST LABORATORY 19/07/2010 TO 18/08/2010(MY PROJECT NAME WAS SEQUENTIAL CONTROL OF THREE MOTORS USING PLC.)**

Reference Person:

1. Prof. (Dr.) Pradip Kumar Sadhu, Professor and Head, Department of Electrical Engineering, Indian Institute of Technology (Indian School of Mines), Dhanbad - 826004, Jharkhand (India) Mobile No. +91 9431126076. E-Mail: pradip_sadhu@yahoo.co.in

2. Dr. Nitai Pal, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology (Indian School of Mines), (Under MHRD, Govt. of India), Dhanbad - 826004, Jharkhand (India) Mobile No. +91 9471154739. E-Mail: nitai_pal@rediffmail.com

Personal Details:

Father's Name : Mr. Tapas Kumar Nag
Date of Birth: 11th DEC, 1989
Marital Status: MARRIED
Sex: MALE
Language Known: ENGLISH, HINDI, BENGALI
Hobbies: PLAYING CRICKET, LISTENING MUSIC
Nationality: INDIAN

Declaration:

I hereby declare that all of the above details are correct and true to the best of my knowledge.

Place: **KOLKATA**
Reference Person:
Date:

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(TITAS KUMAR NAG)