

RESUME

BIKASH CHANDRA SAHA

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CONTACT

Address:

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OBJECTIVE

Seeking to handle increasing responsibility and challenging assignments that provide ample opportunities to harness my technical skills, knowledge and achieve recognition in the field of Electrical Engineering.

ACADEMIC QUALIFICATIONS

Name of Examination	Subject	University/Board	Marks	Division/Class
Ph.D	Renewable Energy Sources	RNTU Bhopal	-----	Award 2021
ME	Control System	B.I.T Mesra	71.50%	1st
BE	Electrical Engg.	Ranchi University	65.12%	1st
Class XII	PCM	J.I.E.C Ranchi	61.00%	1st
Class X	General	J.S.E.B. Ranchi	64.44%	1st

TECHNICAL EXPERIENCE

Experience:- (One Yr one Month in Industry and 10+ Yrs in Teaching and Research)

- Working in **Cambridge institute of Technology, Ranchi** from 23 July 2012 to till with a Designation **Assistant Professor (Electrical and Electronics Department)**.
- Worked in **IT Technology** from May 2011 to June 2012 with a Designation **Maintenance Engineer**.

OTHER EXPERIENCE

- **Book Published** :-Significance of Sustainable Renewable Energy in New world Order (ISBN: 978-1-956102-34-5)
- HoD of EEE Department from 2018
- TEQIP In-Charge of EEE Department at CIT, Ranchi.
- Lab In-charge of Basic electrical and Power system lab at Cambridge Institute of Technology, Ranchi.

AREA OF INTEREST

- Control System
- Basic Electrical Engg.
- Electrical Machine
- Digital Signal Processing

COMPUTER PROFICIENCY

- Languages: C
- Matlab ,Microcontroller, Simulink,
- PLC
- MS Office and Excel

PROJECT EXPERIENCE

- **Project Name:** “Design A Rectifier Transformer
- **Project Name:** “Mini Project of PID Controller
- Speed Control of DC Motor using AT Mega 16 Microcontroller.
- Development of Microcontroller Based Circuit Breaker Sending Status Via SMS
- Solar Tracking system

JOURNAL & PAPER PUBLISHED

- Published a paper on “Optimization based optimal control PV system” at 3rd International conference ICICV -2021, proceeding in Scopus Indexed, IEEE ISBN:-978-0-7381-1183-4, **IEEE xplore 2021.**
- Published a paper on “On-Grid solar microgrid temperature monitoring and assessment in real time”, Materials Today: Proceedings, at Science Direct.
- Published a paper on “Investigating Rotor Conditions on Wind Turbines Using Integrating Tree Classifiers”, at International Journal of Photoenergy Volume 2022, Article ID 5389574, 14 pages, <https://doi.org/10.1155/2022/5389574>.
- Published a paper on “Optimization and Implementation of solar PV system using Boost Inverter with MPP Tracking for Electrification” ANUSANDHAN- *RNTU University Journal* Vol. 06, Issue No. 13, March-2018,P-ISSN2278-4187,E-ISSN 2457-0656.
- Published a paper on “Optimization of Solar Panel Deployment Using Machine

Learning”, International Journal of Photoenergy Volume 2022, Article ID 7249109, 7 pages , <https://doi.org/10.1155/2022/7249109>.

- Published a paper on “Utilization of Flex Controlled Robotics on Prosthetic Hand instead of Damaged Body Parts”, Advances in Materials Science and Engineering
- Volume 2022, Article ID 3496122, 7 pages ,<https://doi.org/10.1155/2022/3496122>.
- Published a paper on “Reverse Engineering For Artificial Intelligence to Prevent Healthcare Of Human Brain”, IJBPAS, November, Special Issue, 2021, 10(11): 1331-1338.
- Published a paper on “A Empirical Research upon the fundamental Concepts of Electrical Power Distribution” at **IJAST** International Journal of Advance Science & Technology. (ISSN: **2230-9659**, with in VOLUME VI ISSUE XII).
- Published a paper on “An Analysis Upon the various Securities of Electrical Power system” at **IJAST** International Journal of Advance Science & Technology. (ISSN: **2230-9659**, with in VOLUME VII ISSUE XIII).
- Published a paper on “Solar Pv hybrid Power System” at **IJITM** International Journal of Technology & Management. (ISSN: **2230-9659**).
- Published a paper on “Design, Control and Simulation for Integrated Photovoltaic Array in Matlab” at VSRD International Journal of Electrical & Electronics Engineering. (ISSN: 2319-2232, in VOLUME V).
- Published a paper on “A Wireless Speed control of Induction Motor.” at **IJSRT** International Journal of Scientific Research & Technology. (ISSN: **2454-9800**, with in VOLUME I).

QUALITY IMPROVEMENT PROGRAMS

- Participated in two week faculty development program under ISTE on “Control System” Conducted by I.I.T. Kharagpur from 2nd Dec to 12 Dec 2014.
- Participated in two week faculty development program under ISTE on “Power system System” Conducted by I.I.T. Kharagpur from 12th june,2017 to 15th July 2017.
- Participated one week faculty development program on “Intelligent Computational Technique AND Application” in B.I.T Mesra Ranchi Sponsored by Jharkhand Council of Science & Technology Ranchi from 23-27 Nov 2015.
- Participated in three days Industry institute Interaction seminar “ IIIS - 2016” at C.I.T. Ranchi from Jan 28 to Jan 30 2016.
- Participated in one week Staff Development programme under TEQIP at C.I.T. Ranchi from 18-23Feb 2013.

- Participated in two days TEQIP Sponsored Training Programme on “Pedagogy” at C.I.T. Ranchi from 23-25 March 2015 .
- Attended a workshop on “DSP based Real Time Control” at B.I.T Mesra Ranchi FROM 13-16 Sept 2010.
- Participated in “Robotics Cum Line Follower Making” workshop conducted by Robolution Team in association with IEEE student chapter at B.I.T Mesra Ranchi from 8-10 October 2010.

CONFERENCE

- Presented a research paper on the topic “A wireless speed control of an induction motor” in the national seminar on held on 19th and 20th Feb 2016 at CIT, Ranchi(Jharkhand)

MEMBERSHIP

- Life time member of IAENG, International Association of Engineers.

TRAININGS ATTENDED

- T.T.P.S Lalpaniya , Bokaro
- PLC Programming in Jharkhand Government Tool Room & Training Centre from 22July to 03 Aug 2013.

OTHER ACTIVITIES & HOBBIES

- Syllabus design of polytechnic and B.tech course of JUT
- Playing Cricket
- Net surfing

STRENGTHS

- Highly organized and dedicated with a positive attitude
- Good grasping skills, self – motivated and willingness to learn
- Have leadership quality.

PERSONAL DETAILS

Mother’s Name:- Dipali Rani Saha

Father’s Name:-Lakhai Chandra Saha

DOB:-15-03-1986

Sex:-Male

Marital Status: Married

Nationality: - Indian

Language Known:-Hindi, English, Bengali (Speak)

REFERENCE

Prof Dr. G S Gupta
Assistant Professor
Dept. Of EEE,
BIT Mesra, Ranchi,
Contact Number: - 9471301045

DECLARATION

All the above information mentioned above are true and correct according to my knowledge and belief.

Date:-23/06/2023

Bikash chandra saha

Place :-Ranchi

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