**Name of the Faculty: Bijaya Kumar Mohapatra**

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| **Photo****E:\MY PROFILE\Bijaya Profile\Photo(Bijaya).jpg** |

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|  **Name Bijaya Kumar Mohapatra**Designation: Assistant Professor**Email: bmohapatra@eatm.in****Area of Specialization: Deregulation and Restructuring of Power System** **Affiliation:** Department of Electrical Engineering, Einstein Academy of Technology & Management, Khordha, Bhubaneswar, Odisha  |

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|  **Personal Details:**  |
| Date of birth: 15.07.1987Marital status: MarriedPermanent address: At:- Gadakhordha,Plot No:-307/2017,Po:-Pallahat,Dist:-Khordha,Pin:-752056,OdishaE-mail:bmohapatra@eatm.in Contact Nos.: 8895712501Skype ID: Scopus ID: ISTE Membership No:

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|  **Education:**  |
| ***Degree***  | ***Specialization***  | ***University / Institute***  |
| Ph.D (Contd.)  | Power System | KIIT University, Bhubaneswar, Odisha |
| ME / M.Tech  | Power System | BPUT, Rourkela, Odisha, India |
| BE / B.Tech  | EEE  | BPUT, Rourkela, Odisha, India |

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|  **Academic Experience:**  |
| * Presently Working as an Asst. Professor in the Department of Electrical Engineering at Einstein Academy of Technology & Management, Khordha, Bhubaneswar, Odisha since Dt. 02.May.20222.
* Worked as an Asst. Professor in the Department of Electrical & Electronics Engineering at Gandhi Institute for Education & Technology, Baniatangi,Khordha,Odisha from Dt. 1st June 2018 to 30th April 2022.
* Worked as an Sr. Lecturer in the Department of Electrical Engineering at Nilachal Polytechnic, Bhubaneswar,Odisha from Dt. 20th June 2018 to 31th May 2018.
* Worked as an Asst. Professor in the Department of Electrical Engineering at Gandhi Institute for Technological Advancement, Bhubaneswar,Odisha from Dt. 1st Feb. 2014 to 30th April 2016.
* Worked as an Asst. Professor in the Department of Electrical & Electronics Engineering at Apex Institute of Technology & Management,Bhubaneswar,Odisha from Dt.16th Jan.2010 to 31th Jan. 2014

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| **Research Experience:**  |
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| **Industrial Experience:**  |
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| **Subjects Handled:**  |
| **U.G.**  | **P.G. (Power System Engineering )**  |
| * Power System Operation & Control
* Renewable Power Generation System
* Electromagnetic Theory
* Electrical Machines
* Network Theory
* Basic Electrical Engineering
 | * Power System Analysis
* Power Quality
* Power System Dynamics
 |
| **Research Interests:** Control of Power System, Optimization Technique, Renewable Energy  |
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| **Patents Filed / Awarded:**  |
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| **Funded Projects:**  |
| **Title** **Funding Agency:** **Year:** 2020  |
| **International Journals:**  |
| 1. Mohapatra, Bijaya Kumar, Deepak Kumar Gupta, and Chinmoy Kumar Panigrahi. "IMPROVED FIREFLY ALGORITHM (IFA) DRIVEN PID CONTROLLER FOR LOAD FREQUENCY CONTROL OF HYBRID POWER SYSTEM UNDER DEREGULATED REGIME." *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology* 54, no. 8 (2022): 155-177.
2. Nath, Nirupama, Kumaresh Pal, and Bijaya Kumar Mohapatra. "Islanding Detection in Micro Grid Using Wavelet Transform." *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering* 5, no. 3 (2016).

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| **Conference Papers:**  |
| 1. Mohapatra, Bijaya Kumar, Deepak Kumar Gupta, Chinmoy Kumar Panigrahi, and Subash Ranjan Kabat. "Congestion Management in the Deregulated Market: A Brief Survey." *Innovation in Electrical Power Engineering, Communication, and Computing Technology* (2022): 1-10.
2. Panda, Rajesh, Prashant Kumar Tiwari, and Bijaya Kumar Mohapatra. "Risk Analysis based on Gaussian Mixture Model for GENCOs in Short Term Market." In *2020 International Conference on Renewable Energy Integration into Smart Grids: A Multidisciplinary Approach to Technology Modelling and Simulation (ICREISG)*, pp. 249-253. IEEE, 2020.

**Conferences / STTPs / FDPs / Seminars Organized:**  |

**STTPs / FDPs / Seminars / Workshops Participated:**1. Participated & Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on “Energy Engineering” from 09.11.2020 to 13.11.2020 at Gandhi Institute for Education and Technology, Baniatangi
2. Participated as a Member of Organizing Committee in the International Conference on Advances in Energy Technology (ICAET-2020) held at Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, India during 17th & 18th January 2020.
3. **Short** Term Training Programme through ICT Mode on **Control & Automation** organized by National Institute of Technical Teachers Training and Research, Kolkata from 18.11.2019 to 21.11.2019
4. Short Term Training Programme through ICT Mode on **Management Issues of Laboratory and Workshop Class** organized by National Institute of Technical Teachers Training and Research, Kolkata from 04.11.2019 to 08.11.2019
5. Short Term Training Programme through ICT Mode on **Assessment and Evaluation under Outcome Based Education** organized by National Institute of Technical Teachers Training and Research, Kolkata from 10.06.2019 to 14.06.2019
6. Short Term Training Programme through ICT Mode on **Development of Laboratory Instruction and Manual** organized by National Institute of Technical Teachers Training and Research, Kolkata from 04.02.2019 to 08.02.2019
7. Short Term Training Programme through ICT Mode on **Outcome Based Education and Accreditation** organized by National Institute of Technical Teachers Training and Research, Kolkata from 24.09.2018 to 28.09.2018
8. Training on **“ENERGY MANAGEMENT & AUDIT”** Conducted by Micro, Small & Medium Enterprises Development Institute, Cuttack at OIFESM, Bhubaneswar from 07.06.2015 to 13.09.2015.
9. Participated in the AICTE Sponsored National Seminar on “DISPERSED GENERATION AND SMART GRID” organised by National Institute of Science & Technology, Berhampur, during 29th November to 1st December, 2013.

**Achievements and Awards:** **Professional Society Memberships:** ISTE |

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