

VIKAS KUMAR MISHRA

B.Tech.
Electrical Engineering
National Institute Of Technology
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Personal Data

Date of Birth- 10 March 1998

Nationality- Indian

Languages Known

- Hindi
- English

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CAREER OBJECTIVE

Motivated and committed Engineering graduate professional with a passion to contribute towards the betterment of the society, seeking a brief job at a company with the objective to get a global perspective and understanding of engineering education, profession and practice that will help me in pursuing my career ambitions, with a strong desire to experience various cultures and to understand the aspirations of young students like me elsewhere in the world.

SPECIALIZATION

- **Electrical Engineering**

ACADEMIC QUALIFICATIONS

Degree/certificate	Year	Institute	Board/University	%Score/ CPI
B.Tech.(core) in Electrical Engineering	2014-2018	National Institute of Technology Raipur CG	National Institute of Technology Raipur CG	7.62
Intermediate	2014	Saraswati V M Inter College Hamirpur UP	U.P. Board	94.4
Matriculation	2012	Saraswati V M Inter College Hamirpur UP	U.P. Board	89.17

ACADEMIC DISTINCTION

- Got place in **top one percentile** rank in JEEMAIN Exam.
- Got '**Award of Excellence**' (State Level Honor) by **Hon. Akhilesh Yadav, The Former Chief Minister of Uttar Pradesh in 2014.**
- Got merit certificate by Board of High School and Intermediate Education Uttar Pradesh for **securing 15th postion in UP in Intermediate(12th) exam**
- Entitled as '**State Child Scientist**' for being Selected in 20th State Level NATIONAL CHILDREN SCIENCE CONGRESS UP (A nationwide activity of National Council of Science & Technology Communication, Dept of Science & Technology, Government of India) Catalysed & Supported by Rashtriya Vigyan Evam Prodyogiki Sanchar Parishad (RVPSP-DST(Govt. on India & Council of Science & Technology, Uttar Pradesh)) in Focal Theme Energy -Explore, Harness and Conserve.
- Got '**PRADESH RATNA HONOUR-2012**' by Nongovernmental principal Council Uttar Pradesh.

JOB ON TRAINING EXPERIENCE & RESPONSIBILITIES

- I am working as Graduate Apprentice Trainee (Electrical Engineering) in **Gail (India) Limited Pata Auraiya Uttar Pradesh** from 30 July 2018 to present. Gail Limited is the largest state-owned natural gas processing and distribution company in India. It is headquartered in New Delhi. It has the following business segments: natural gas, liquid hydrocarbon, liquefied petroleum gas transmission, petrochemical, city gas distribution, exploration and production(LDPE,HDPEPolymer), GAILTEL and electricity generation.
- Working in 33/6.6/0.433 KV substation, 6.6/0.433 KV substation, switchyard (220 KV), GCU-II, GPU-II unit of Gail Pata Plant Auraiya Uttar Pradesh.
- Maintenance of HT & LT panels and their equipments like Circuit Breaker (ACB, 33KV VCB,6.6 KV VCB), PCC, MCC,EPMC. Transformers, Cable, Busbar.
- Testing of Feeders (SFU, Motor, MOV Pump, Lightning, Distribution), Relay (DMPR, BMR, Numerical, Earth Fault, Buchholz),Time testing of ACB & VCB(tripping,closing).
- Maintenance of battery bank(Ni-Cd, Lead acid) HBL Make, battery charger, Charging and Discharging of Battery Bank, Replacement of cells, Capacitor bank(1680 KVar).
- Preventive Maintenance of Transformer(8/10, 2.5,1.6 MVA, 250,125 KVA),Testing of OTI & WTI, BDV Testing of Transformer oil, Maintenance of HT & LT Motors, LCS.
- Meggering of instrument before energizing and also working experience of **shut down**.

INTERNSHIPS AND PROJECTS

- Completed Major Project Work titled “**POWER QUALITY IMPROVEMENT USING FACTS DEVICES**” under the Department of Electrical Engineering NIT Raipur CG.
 - This project presents an overview of the FACT devices like- SVC, STATCOM, in mitigating voltage sag. Each one of the above device is studied and analyzed and also the control strategies to control these devices are presented in this project. The proposed control strategies are simulated in MATLAB SIMULINK environment.
- Completed project work titled “**Overview of 765/400 KV Durg Pooling Station**” during Summer Internship Training at **Power Grid Corporation of India Limited, 765/400 KV Durg Pooling Station** From **18.05.2017 to 18.06.2017**.
 - This project presents an overview of 765/400 KV Durg Pooling Station. Here I have studied about various equipments used in 765/400 KV switchyard and their protection scheme. These equipments are following: Incoming and outgoing lines, busbars, transformers, insulators, circuit breakers, isolators, surge arresters, CT's & CVT's, neutral grounding equipment, station earthing system comprising ground mat, risers, earthing strips, earthing spikes, overhead earthwire shielding against lightning strokes, lightning masts, PLCC Equipment including line trap, tuning unit, coupling capacitor, computer/Microprocessors, Data collection system, Data processing system.
- Fifteen days **Vocational Training in the field of Steel Plant Familiarization from 06.06.2016 to 18.06.2016 at SAIL- Bhilai Steel Plant**, Bhilai Chhattisgarh
- Fifteen days **Vocational Training from 01.07.2016 to 15.07.2016 at Electric Loco Shed South East Central Railway**, Bhilai Chhattisgarh.
- One week Short Term Training Programme on “**Recent Trends in Modeling and Simulation in Electrical Engineering**” under Continuing Education Cell in the Department of Electrical Engineering, National Institute of Technology, Raipur CG from **12.09.2016 to 18.09.2016**.

POSITIONS OF RESPONSIBILITY

- I have worked for three years as head coordinator of Innovation Club , NIT Raipur.
- Event Organizer at Aavartan, The annual technical festival of NIT Raipur 2016.
- Event Organizer at Eclectika, The annual cultural festival of NIT Raipur 2015 □ □
- Volunteer at 'Youth Fest' organized by ROTARY CLUB OF RAIPUR in association with CREDA, Dept. of Energy C.G. Govt .

EXTRACURRICULAR ACTIVITIES

- Participated in National Children's Science Congress Uttar Pradesh 2012.
- Participated in Caliber “de-en-quete”(CDQ) senior, organized by COMET 2016, IIT BHU.
- Participated in KSHITIJ 2016, The Techno-management Fest of IIT Kharagpur.
- in **Virtual Labs Workshop**, a Venture of Ministry of HRD, Govt. of India under NMEICT project by IIT Roorkee.
- Participated in workshop on HAPTIC ROBOTIC ARM conducted by ROBOCART in association with AXIS'15, annual technical festival of VNIT, Nagpur.
- Participated in The BHABHA ATOMIC RESEARCH CENTRE Outreach Programme organized at NIT Raipur on 23rd September, 2014

TECHNICAL SKILLS & WORKING QUALITIES

- **Software-** MS Word, PowerPoint & MS Excel, SAP (basics), MATLAB, SIMULINK, PSIM and PSPICE.
- **Operating System-** Windows (XP ,7, 8,8.1,10).
- **Languages-** C, C++ (Basics).
- Leadership, Team work, Event Management, Problem Solving.

DECLARATION

I hereby declare that above mentioned information is correct to best of my knowledge.

VIKAS KUMAR MISHRA