

## CURRICULUM VITAE



**Mukesh Kumar Singh**

**Email:**

[mukesh3500@gmail.com](mailto:mukesh3500@gmail.com)

**PRESENT ADDRESS**

Arsh properties, near para  
chouki, Sadruna Lucknow  
226008

Mobile no: +91-[9616-639674](tel:9616639674)

**PERMANENT ADDRESS**

Mahuawa, Ahirauli bazar  
Via-Bodarwar,  
Kushinagar(district),  
Uttar Pradesh,  
Pin-274149

Mobile no: +91-[9936-683072](tel:9936683072)

**PERSONAL INFO**

Fathers Name : Brahma  
Singh

Date Of Birth : 01/07/1989

Sex : Male.

Nationality : Indian.

Marital Status : Single.

**LANGUAGES KNOWN**

English, Hindi.

**OBJECTIVE**

Aim to be associated with a progressive organization that gives me scope to update my knowledge and skills. Be a part of a team that dynamically works towards the organization gains and satisfaction thereof.

**EXPERIENCE**

- ✓ Having six month experience as an Assistant Professor at Vaishno College of Engineering, Nurpur, Distt. Kangra, Himachal Pradesh.
- ✓ Having four year experience as an assistant professor at SRMS Collage of Engg. & Tech., Lucknow January 2014 to December 2017.
- ✓ Having three year six month experience as an assistant professor at SoET BGSBU Rajouri J&K under TEQIP-III January 2018 to August 2021.
- ✓ Presently working as an Assistant Professor (contractual) at I.E.T. Lucknow.

**STRENGTHS**

- ✓ My quick learning ability.
- ✓ Highly flexible with new locations and people.
- ✓ Team-working ability

**AREAS OF INTEREST**

- ✓ Power System
- ✓ Control System
- ✓ Electrical Machine

**ACHIEVEMENTS**

- ✓ Qualified GATE examination two times, in the year of 2013 and 2011.
- ✓ Being recognized as NPTEL DISCIPLINE STAR DEC 20202
- ✓ Being recognized as NPTEL ENTHUSIAST DEC 2020

**HOBBIES**

Playing Chess, Cricket and Badminton, Cooking, Listening to music.

**ACADEMIC QUALIFICATION**

Educational Qualification	Board/University	Name of the Institute	Year of Passing	% of Marks
<b>Ph.D. (Power System)</b>	National Institute Technology Kurukshetra	National Institute Technology Kurukshetra	Pursuing	-
M.Tech. (Power System)	National Institute Technology Hamirpur	National Institute Technology Hamirpur	2013	8.9 (CGPI)
B. Tech. (Electrical Engineering)	Gautam Buddh Technical University	Sagar Institute of Technology and Management Barabanki	2010	71.18
Intermediate	Uttar Pradesh Board	Gov. Jubilee Inter College Gorakhpur	2005	70.2
Matriculation	Uttar Pradesh Board	C. T. Saraswati Vidya Mandir Siswa Bazar	2003	61.5

## ACADEMIC PROJECTS

### 1. M. Tech

Project Title: Hydro Generator Governor Modelling and Tuning

### 2. B. Tech

Project Title: Automatic Bottling Plant Using Microcontroller

## PUBLICATIONS

1. M K Singh, R Naresh, deepak gupta “**Optimal Tuning of Temporary Droop Governor of Hydro Power Plant using Genetic Algorithm**” in International Conference on Energy Efficient Technologies for Sustainability sponsored by *IEEE* to be held during 10-12, April-2013 organized by SCC Kanyakumari.
2. Deepak gupta, R Naresh, M K Singh “**Genetic Aided Tuning of PI Controller Based AGC for Two area Interconnected System,**” *IEEE* Students Conference on Engineering and Systems, to be held during 12-14, April-2013 organized by MNNIT Allahabad.
3. M K Singh, R Naresh, deepak gupta “**Optimal Tuning of Temporary Droop Governor of Hydro Power Plant using Particle Swarm Optimization**” in National Conference on Electrical Systems & Energy Technologies (ESET-2013) to be held during 28-29, June-2013 organized by NIT Hamirpur.

## MOOCs course completed on NPTEL online platform

- *Matlab Programming for Numerical Computation*, by Dr. Niket Kaisare, IIT Madras Course duration: January 28 - April 22, 8 week course, Exam Date: Mar 31, 2019.
- *Control engineering*, by Dr. Ramkrishna EED, IIT Madras Course duration: January 28 - April 19, 12 week course, Exam Date: Apr 27, 2019.
- *Power System Dynamics, Control and Monitoring*, by Dr. Debapriya Das IIT Kharagpur Course duration: January 28 - April 19, 12 week course, Exam Date: Apr 28, 2019.
- *Electrical Distribution System Analysis*, by Dr. Ganesh B. Kumbhar IIT Roorkee, Course duration: July - September 2019, 8-week course, Exam Date: September 29, 2019.
- *DC Microgrid*, by Prof. Avik Bhattacharya IIT Roorkee, Course duration: July - September 2019, 8-week course, Exam Date: September 29, 2019.

- ***Introduction to Research***, by Prathap Haridoss, IIT Madras, Course duration: August - Oct 2019, 8-week course, Exam Date: Nov. 14, 2019.
- ***Fuzzy Sets, Logic and Systems & Applications***, by Prof. Nishchal Kumar Verma, IIT Kanpur, and Course duration: Jan - April 2020, 12-week course.
- ***Non-Conventional Energy Resources***, by Prof. Prathap Haridoss IIT Madras, and Course duration: Jan - April 2020, 12-week course.

#### ATTENDED STC/FDP/WORKSHOP/TRAINING

- ✓ Done summer training at BHEL Haridwar in the field of “Design and Constructional Features of Turbo generators & Exciters”.
- ✓ “**MATLAB and its applications in Engineering**” held at NIT Hamirpur.
- ✓ “**Evolution and Development of Indian Power Market**” organized by Department of Electrical Engineering NIT Hamirpur.
- ✓ “**PLC-SCADA**” organised by SRMSCET Lucknow.
- ✓ “**Power system operation control & planning with renewable energy sources**” held at the Department of Electrical Engineering, NIT Kurukshetra during 03-07 July 2019.
- ✓ Participated in MHRD sponsored TEQIP assisted 2-week refresher course “**Training on Future Skills Technologies: Robotics & Automation**” from 1<sup>st</sup> March to 13<sup>th</sup> March 2020 organized by the Department of Mechanical and Industrial Engineering & Department of Electrical Engineering, IIT Roorkee.
- ✓ Participated in a 3-hour online workshop on “**Basics of Machine Learning**” organized by CREATES, IISER Bhopal with support from NPTEL, IIT Madras on April 06, 2020.
- ✓ Participated in a webinar on “**Accelerate Research Planning using Elsevier, ScienceDirect and Mendeley**” organized by Elsevier and IUST Awantipora on 4<sup>th</sup> May 2020.
- ✓ Attended a webinar session on “**Grid Connected PV Systems**” on 08<sup>th</sup> May 2020, organized by the Department of Electrical Engineering, Integral University, Lucknow.
- ✓ Successfully completed six days Training Program on “**Power System Optimization Using GAMS**” from 11<sup>th</sup> to 16<sup>th</sup> May 2020, organized by the Department of Electrical Engineering, Rajarambapu Institute of Technology, Rajarnanagar under the aegis of RIT-IEEE Student Branch and Center for Teaching & Learning (RIT-CTL), in association with IEEE Bombay Section.
- ✓ Participated in the “**Moodle Learning Management System**” training organized at Aligarh Muslim University in May 2020. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.
- ✓ Successfully completed One Week Online Faculty Development Programme on “**Power Electronics Application in Smart Grid - Recent Advances**” During 16-06-2020 to 20-06-2020, Organized by the Department of Electrical & Electronics Engineering, College of Engineering Roorkee (COER) under the aegis of TEQIP-3, Uttarakhand Technical University, Dehradun.
- ✓ Coordinator of the webinar on “**Electrical Vehicles**” organized by the Department of Electrical Engineering SoET BGSBU Rajouri J&K on 14-06-2020.
- ✓ Successfully completed a workshop on “**Plagiarism - An Opportunity to Learn, Teach & Excel**” in collaboration with Turnitin organized by the Department of Bioresources the University of Kashmir on June 24, 2020.

- ✓ Successfully completed five Days Online Faculty Development Program on “**Document Typesetting and Processing using Latex for manuscript writing**” organized by EED KIET Ghaziabad - 201206 held from 22 June 2020 – 26 June 2020.
- ✓ Successfully completed one week online short-term training program on “**Challenges in Grid Integration with Renewable Energy Sources**” jointly organized by the National Institute of Technology, Kurukshetra, and Government Engineering College, Bikaner from 22<sup>nd</sup> -26<sup>th</sup> June 2020 under TEQIP-3: Mentoring/Twinning System.
- ✓ Participated in the webinar series on “**Understanding Power System Simulation Concepts through Case Studies**” organized by IEEE PES-IAS Chapter Delhi Section and PES India Chapters Council held from 22<sup>nd</sup> June 2020 to 26<sup>th</sup> June 2020.
- ✓ Actively participated in a webinar on “**Intellectual Property Right (IPR)**”, delivered by Dr. V. K. Sukhwani and organized by Ujjain Engineering College Ujjain in collaboration with Twinning partner GEC. Aurangabad on July 2 2020.
- ✓ Participated in the 5-days faculty development program on “**Application of Artificial Intelligence Techniques**” conducted by the department of computer science & Engineering, Ashoka Institute of Technology & Management, Varanasi from 13<sup>th</sup> July 2020 to 17<sup>th</sup> July 2020.
- ✓ Attended a short-term course on “**Smart Grid: Operation & Planning with Renewable Energy Sources and FACTS (SGOPRES-2020)**” organized by the Electrical Engineering Department, National Institute of Technology Kurukshetra, India held on 29 July-02 August 2020.
- ✓ Attended Online Faculty Development Program on Emerging Techniques in Smart Power System: Challenges and Solutions conducted by the Department of Electrical Engineering, NIT Warangal from 24-08-2020 to 28-08-2020.

## DECLARATION

I hereby declare that the information given above is True to the best of my Knowledge and belief.

**Date: 01/09/2021**

(Mukesh Kumar Singh)

**Place: Lucknow**