

# CURRICULUM VITAE

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## RITURAJ JALAN

Designation: Associate Professor

Department: Electrical Engineering

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**ACADEMIC/INDUSTRIAL EXPERIENCE:- 15 years**

**QUALIFICATION:-** - Ph.D. (Pursuing)  
M.Tech. (Power System Engineering)  
B.Tech. (Electrical and Electronics Engineering)

**AREA OF INTEREST:-** Network Analysis and Synthesis, Basic Electrical Engineering

### **RESEARCH PUBLICATION:-**

1. A brief summery on voltage Sag & effects of Voltage Sag on Industrial Power Plant equipment, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan**<sup>1</sup> Dharmendra Pal, Abhishek Miliand Siddrath, Bhupendra Singh, Kitti Tripathi, Manju Singh Lodhi and Pradeep Kumar, Journal of Environmental Science, Computer science & Engineering & Technology, Vol 1(2), (2012), 234-240
2. Role of wind energy in indian electricity system, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan**<sup>1</sup>, \*Dharmendra Pal<sup>2</sup>, Shahanshah Haider Abdi<sup>2</sup>, Ghanshyam Tripathi<sup>2</sup>, Abhishek Miliand Siddrath<sup>3</sup>, Bhupendra Singh<sup>3</sup> and Pradeep Kumar<sup>4</sup>, International Journal of Geology, Earth and Environmental Sciences, Vol. 2 (2) (2012), pp.121-128
3. A report on application of power electronics on renewable energy system, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan**<sup>1</sup> Dharmendra Pal<sup>2</sup>, Abhishek Milliand Siddarath<sup>3</sup>, Bhupendra Singh<sup>3</sup>, Kitti Tripathi<sup>3</sup>, Manju Singh Lodhi<sup>3</sup>, Prakash Chandra Verma<sup>4</sup>, Journal of Environmental Science, Computer science & Engineering & Technology, Vol.1(3), (2012), 241-249
4. Micro-grid for distribution of electric energy in an Island, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan**<sup>1</sup>, H.P.Agarwal<sup>1</sup>, \*Dharmendra Pal<sup>2</sup>, Indian Journal of Engineering, Vol. 1(1), (2012), 28-36

5. A generalized PV model and array developed with Matlab/Simulink Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan<sup>1</sup>**, Hanuman Prasad Agarwal<sup>1</sup>, Dharmendra Pal\*<sup>2</sup> Journal of Environmental Science, Computer science & Engineering & Technology, Vol. 1(2), (2012), 177-186
6. Impact of renewable energy resources in Health clinics of rural areas Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan<sup>1</sup>**, Dharmendra Pal<sup>2</sup>, Simmi Prajapati, Nikita Gupta, International Journal of Green and Herbal Chemistry, Vol. 1(3), (2012), 334-339
7. A general overview of Solar Thermal Applications and Solar Photovoltaics Applications, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan<sup>1</sup>** Jangalwa Sandeep Soni<sup>1</sup>, Hanuman Prasad Agarwal<sup>1</sup>, S. H. Abdi<sup>2</sup>, Dharmendra Pal<sup>2</sup>, G. Tripathi<sup>2</sup>, Journal of Environmental Science, Computer science & Engineering & Technology, Vol 1(2), (2012), 176
8. Eddy current braking embedded system, Virendra Kumar Maurya<sup>1</sup>, **Rituraj Jalan<sup>1</sup>**, H. P. Agarwal<sup>1</sup>, S. H. Abdi<sup>2</sup>, Dharmendra Pal<sup>2</sup>, G. Tripathi<sup>2</sup>, S. Jagan Raj<sup>3</sup>, International Journal of Applied Engineering and Technology, 2011 Vol. 1 (1)
9. Analysis on tie-line control of grid solar system, **Rituraj Jalan<sup>1</sup>**, H. P. Agarwal, Virendra Kumar Maurya, Rishi Asthana, Dharmendra Pal, Journal of Environmental Science, Computer Science and Engineering & Technology, Vol.2.No.2, (2013) 323-338
10. Analysis on Micro Grid using Solar Cell / Photovoltaic-Fuel Cell for Energy Supply in Remote Areas, Virendra Kumar Maurya, H. P. Agarwal, **Rituraj Jalan<sup>1</sup>**, Rishi Asthana, Dharmendra Pal, Journal of Environmental Science, Computer Science and Engineering & Technology, Vol.2.No.2, (2013) 339.
11. Advanced controlling schemes for active power filter under varying load: a review, International Journal of Electrical and Electronics Engineering (IJEET) ISSN(P): 2278-9944; ISSN(E): 2278-9952 Vol. 10, Issue 1, Jan-Jun 2021, 67-80  
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### **BOOK PUBLICATION(If Any):-**

### **FDP / FTP / CONFERENCES ATTENDED:-**

- Attended the MDP on "Design Thinking for Strategy and Innovation" at IIM Lucknow during March September, 2019
- Attended an online Faculty Development Programme (FDP) on the topic "Computational Intelligence : COIN-2020" organized by Babu Banarasi Das Northern India Institute of Technology (AKTU College Code: 056), Lucknow on from June 26- 27, 2020.
- Attended the Faculty Development Program (FDP) on the topic "Trends in Technological Intelligence-T2I 2020" organized by IEI Chapter of Department Electronics & Communication Engineering & Department of Electrical Engineering, BBDNIIT in association with The Institution of Engineers (India) from May 31 to June 01, 2020.
- Attended the Faculty Development Programme (FDP) on the topic "Role of LaTeX in Scientific Writing" organized by Department of Mathematics, Babu Banarasi Das Northern India Institute of Technology, Lucknow from June 19-21, 2020.
- Attended a webinar on "Role of Technologies in Rural Areas for Skill Development, Livelihood for Atmnirbhar Bharat" organized by SPIU-UP, AKTU, Unnat Bharat Abhiyan and IEI on June 16, 2020

- Attended Online Orientation Training Program for Mentors organized from 27 September - 01 October 2021 under National Initiative for Technical Teachers Training.
- FDP on Data Analysis Using Advanced Excel by E&ICT Academy IIT Kanpur from 1<sup>st</sup> - 7<sup>th</sup> Feb 2022

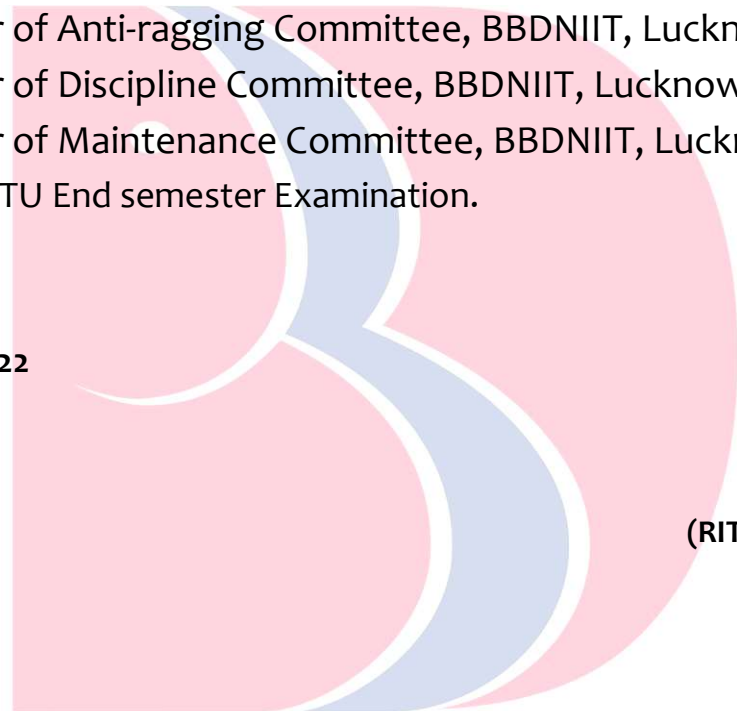
**ACHIEVEMENTS:-** Expert member of Interview committee of UPPCL for two years.

**OTHER RESPONSIBILITIES:**

- Convener of Anti-ragging Committee, BBDNIIT, Lucknow
- Convener of Discipline Committee, BBDNIIT, Lucknow
- Convener of Maintenance Committee, BBDNIIT, Lucknow
- ACS of AKTU End semester Examination.

**Date: June 06, 2022**

**Place: Lucknow**



**(RITURAJ JALAN)**

**BBDNIIT**