

RADHE SHYAM DWIVEDI

Assistant Professor

Electrical Engineering

Department of Applied Science & Humanities

Rajkiya Engineering College

Azamgarh , U.P

28, Male

DOB: MARCH 29, 1990

Father's Name: Vinod Dwivedi

SA-4/77N SIDDHARTH NAGAR, NAI BASTI,

PANDEYPUR, VARANASI,

UTTAR PRADESH, INDIA

PINCODE-221002

Cell : +91 -9455883251

Email: radhedwivedihere@gmail.com

ACADEMIC PROFILE:

Qualifications	Board/Univ.	Year
Ph.D	IIT BHU	2015 onwards
M.E (Power Electronics)	B.I.T Mesra	2013-2015
B.Tech (Electrical and Electronics Engineering)	U.P.T.U	2008-2012
XIIth	ICSE	2008
Xth	ICSE	2006

CERTIFICATIONS & PROJECTS:

- Training at C&S Electric Ltd. Noida phase 2 Gautama Buddha Nagar, UP.

I was allotted Quality & Testing department. There I came to know that for better production the flow of communication between employee and employer is necessary. Secondary for continuous production proper inventory must always remain present. For quality improvement and defect control R chart and X, the chart is used.

- **B.Tech Project:**

"Simulation and Modelling of Dynamic Voltage Restorer"

Nowadays, modern industrial devices are mostly based on electronic devices such as programmable logic controllers and electronic drives. The electronic devices are very sensitive to disturbances and become less tolerant to power quality problems. Voltage dips are considered to be one of the most severe disturbances to the industrial equipment. Power electronic solution to the voltage regulation is the use of a dynamic voltage restorer (DVR). The DVR applications are mainly for sensitive loads that may be drastically affected by fluctuations in system voltage.

- **M.E Project:**

"Hardware Design and Experimentation of Current Source Inverter for Hybrid Electric Vehicles"

The current source inverter (CSI) can be used in traction drives for Hybrid Electric Vehicle (HEV) application to overcome the drawbacks of the voltage source inverters (VSI). Current Source Inverter is used for high power application as Torque are linearly proportional to the current. Switching losses are reduced at higher power in CSI as compare to VSI. At power electronics lab in BIT Mesra, Ranchi three phase CSI is designed for a 1 HP induction motor.

- **ME project (minor):**

"Firing Circuit Of SCR Using 555 Timer"

In this project I have to fire SCR with the help of IC 555 timer. Here IC 555 timer is used in monostable mode to generate pulse, which is given to SCR

TECHNICAL SKILLS	
Language:	C, C++, C#, Java, Dot Net
Other software :	MATLAB, PSIM, EAGLE, PSPICE

Area of Interest:

- Inverters
- DC-DC converters
- HEV
- Power Quality

Publication:

- Aditya Aman, Radhe Shyam Dwivedi, Jainil D. Shah, R.K.Singh, R.mahanty,” Digitally Controlled Bipolar Converter for DC Microgrid”, *IEEE IECON Conf, October-2017*, Beijing, China

Achievements:

- Participated in Talent Search Institute Maths and General Awareness examination and obtained the 5th position in City.
- Participated in a seminar on “Application of Signal Processing-2012” held in ITS Engineering College.
- Participated in robotics workshop sponsored by robsapiens and roboopus (IITbhu) and designed a line follower robot.
- I have done one-month training on c# and ASP.net at UPTEC Varanasi.
- One week training on Arduino mega 8 board sponsored by UGC, India.
- One year teaching Experience at Polytechnic student at University polytechnic at Ranchi in Jharkhand, India

Course Taught:

- Basic Electrical Engineering
- Electrical Machine And Controls

Honors & Achievement :

- Student Travel Grant from IEEE Industrial Electronics Society for 43rd Annual Conference of IEEE Industrial Electronics Society (IEEE-IECON-2017) held at Beijing,China, 2017.

Administrative Work :

- Electrical O/c (from Dec,2017 to april,2020)
- Alumni O/c (From july,2018 to till date)
- Hostel Warden (from Nov 2020 to till date)