

CURRICULUM VITAE (CV)

Name: Mr. Sachin Pachauri

Date of Birth: 07 September 1993

Nationality: Indian

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Permanent Address: Kishan Nagar, Kotla Road, Firozabad, Uttar Pradesh

Career Objective

To contribute effectively in the field of Electrical Engineering through teaching, research, and innovation in renewable energy, power systems, electric vehicles, smart grids, and power electronics.

Areas of Interest

Renewable Energy, Power System, Power Electronics, Control System, Electric Vehicle, Smart Grid, Digital Electronics, Energy Management, Power Quality, Real Time Simulation & HIL System

Academic Qualifications

Degree	Discipline/Institution	University	Year	CGPA/%
Ph.D. (Pursuing)	Electrical Engineering	AKTU, Lucknow	-	-
M.Tech.	Power System, DTU Delhi	DTU Delhi	2016	8.8 CGPA
B.Tech.	Electrical Engineering	Gurukula Kangri University, Haridwar	2014	81.35%
Intermediate	PCM	S.S.B.B Saraswati Vidya Mandir, Firozabad	2009	75%
High School	-	S.S.B.B Saraswati Vidya Mandir, Firozabad	2007	62.8%

Professional Experience

- Currently working as Assistant Professor in the Department of Electrical Engineering at LDAH Rajkiya Engineering College, Mainpuri since 07 December 2017.
- Worked as Assistant Professor in the Department of Electrical Engineering at IEC Group of Institutions, Greater Noida from 09 August 2016 to 06 December 2017.
- Contributed to curriculum development and laboratory setup.
- Serving as Hostel Warden with administrative and operational responsibilities.

Publications

Journal

Prashant Gupta, Gaurav Verma, Rahul Virmani, Ram Murat Singh, Sachin Pachauri, Jay Singh, Balkeshwar Singh, "An intelligent controlling in electric vehicle system with integrated DBS and BMS for sustainable solution", Scientific Reports.

International/National Conferences

1. Performance Analysis of Different Techniques of Traffic Control System, IEEE ICACFCT 2021, MIET Meerut.
2. Wireless Power Transmission: A Review, International Conference MARC 2021.

Patent

A grid integrated hybrid renewable energy system with optimal controlling of carbon emission for sustainable and reliable solution (Application No. 202111049294A, Published on 26/11/2021).

Skills

- MATLAB
- Research and Teaching in Electrical Engineering
- Power System Analysis
- Renewable Energy Systems

Languages Known

English (Speak, Read, Write), Hindi (Speak, Read, Write)

Personal Details

Father's Name: Late Sh. Rakesh Pachauri

Mother's Name: Usha Pachauri

Wife's Name: Shivani Sharma

Gender: Male

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Place: Mainpuri

Date: _____

(Mr. Sachin Pachauri)