

#### **Editorial Board:**

##### **Chief Editor:**

**Mr. D. P. Agnihotri**  
*Dean Student Welfare*

##### **Editors:**

**Dr. Niraj Kumar Shukla**  
*Head of the Dept.*

**Prof. Manish Srivastav**  
*Project In-charge*

**Mr. Pavan Kumar Singh**  
*Asst. Professor*

##### **Members:**

**Mr. Vikash Kr. Goutam**  
*Asst. Professor*

**Mr. Kuldeep Kr. Singh**  
*Asst. Professor*

**Mr. Ajeet Kumar Rawat**  
*Asst. Professor*

**Mr. Kumar Shantanu**  
*Asst. Professor*

**Ms. Kriti Mishra**  
*Asst. Professor*

**Mr. Nitesh Kumar**  
*Asst. Professor*

**Mr. Anupam Kr. Singh**  
*Asst. Professor*

##### **Inside This Issue**

- Faculty Publications
- Faculty Participations
- Workshops and Webinars
- NPTEL Courses
- Student's achievements
- Placements

#### **Vision and Mission of the Department**

##### **Vision of the Department**

*To impart technical competencies in Electrical Engineering and build a quality citizen to fulfill the need of the nation and globe.*

##### **Mission of the Department**

**M1:** *To provide the basic and analytic knowledge in Electrical Engineering with an overall background suitable for building a successful engineer in industry, research or higher education.*

**M2:** *To enhance the problem-solving capability wherein students learn to develop communications and leadership abilities to unfold as a professional.*

**M3:** *To ensure that every graduate is aware of the roles and responsibilities of the professional engineer in society through exposure to ethics, equity, and safety.*

**M4:** *To develop life-long learning skills that allows them to be adaptive and responsive to change in society, technology, and the environment, as well as career demands.*

##### **Program Educational Objectives (PEOs) of Department**

**PEO1:** *Graduates will accomplish basic and practical knowledge with modern designing tools, technologies and software in Engineering.*

**PEO2:** *Graduates will have the expertise in problem analysis, solving, designing and equipped with necessary information for a successful career in the field of Electrical Engineering.*

**PEO3:** *Graduates will be outstanding in communication, teamwork and multidisciplinary approach related to engineering issues in national and global context.*

**PEO4:** *Graduates will excel in competitive environment towards leadership and life-long learning needed for a successful professional career.*

### **International Journals**

- Mr. Kuldeep Kumar Singh “Speed Management of D C Drive by Soft Computing Technique” International Research Journal of Modernization in Engineering Technology and Science Volume:02/Issue:08/August-2020 e-ISSN: 2582-5208.
- Mr. Kuldeep Kumar Singh “Protection of Distribution Line Using Password Based Circuit Breaker” International Research Journal of Modernization in Engineering Technology and Science Volume:02/Issue:08/August-2020 e-ISSN: 2582-5208.
- Mr. Kuldeep Kumar Singh “BLDC Motor Driven E- Bicycle Using Solar Power” International Research Journal of Modernization in Engineering Technology and Science Volume:02/Issue:08/August-2020 e-ISSN: 2582-5208
- Mr. Kuldeep Kumar Singh “Energy Saving of Induction Motor Drive Using Artificial Intelligence Based Controllers”, International Journal of Control and Automation (IJCA), Volume 13, No.2 (2020), Pages: 652-664, ISSN: 2005-4297.

### ***Faculty Participation in FDP's***

- Mr. Niraj Kumar Shukla, Kumar Shantanu, Kuldeep Kr. Singh, Rajeev Srivastava, “Energy Saving of Induction Motor Drive Using Artificial Intelligence Based Controllers”, International Journal of Control and Automation (IJCA), Volume 13, No.2 (2020), Pages: 652-664, ISSN: 2005-4297.
- Mr. Niraj Kumar Shukla, Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Energy Engineering” from 25<sup>th</sup> December 2020 to 29<sup>th</sup> December 2020 at National Institute of Technology, Delhi.
- Mr. Niraj Kumar Shukla, attended online One Week Faculty Development Programme on “Smart Technologies and Communication Protocol in Power System (STCPPS-2020)” organized by Rajkiya Engineering College Sonbhadra and sponsored by FET, AKTU Lucknow during 21<sup>st</sup> December to 25<sup>th</sup> December 2020.
- Mr. Niraj Kumar Shukla, Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence" from 7<sup>th</sup> December 2020 to 11<sup>th</sup> December 2020 at Sri Sairam Engineering College, Chennai.
- Mr. Niraj Kumar Shukla, attended online One-Day Webinar (Sponsored by TEQIP-III) on “Global Renewable Power Generation Scenario and Challenges in Micro grids” by Dr. Jimmy Chih-Hsien Peng from National University of Singapore on 21<sup>st</sup> September 2020 organized by the Department of Electrical Engineering, National Institute of Technology (NIT), Silchar, Assam
- Mr. Niraj Kumar Shukla, attended online Short-Term Training Program (Sponsored by TEQIP-III) on “Power Electronics Applications to Industrial Systems”, from 7<sup>th</sup> September 2020 to 11<sup>th</sup> September 2020 at National Institute of Technology (NIT), Silchar, Assam.
- Dr. Niraj Kumar Shukla, Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Artificial Intelligence” from 22<sup>nd</sup> February 2021 to 26<sup>th</sup> February 2021 at Indian Institute of Technology Ropar.
- Dr. Niraj Kumar Shukla, Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on “Electrical and Computer Engineering” from 4<sup>th</sup> January 2021 to 8<sup>th</sup> January 2021 at National Institute of Technology, Raipur.
- Mr. Kuldeep Kumar Singh, Participated & completed successful an AICTE Training and Learning (ATAL) Academy FDP on Electrical & Computer Engineering" from 8-2-2021 to 12-2-2021 at NIT PATNA.
- Mr. Kuldeep Kumar Singh, Participated & completed successful an AICTE Training and Learning (ATAL) Academy FDP on "Green Technology & Sustainability Engineering" from 11-1-2021 to 15-1-2021 at Motilal Nehru National Institute of Technology Allahabad.

- Mr. Kuldeep Kumar Singh, Participated & completed successful an AICTE Training and Learning (ATAL) Academy FDP on "Control Systems & Sensors Technology" from 17-10-2020 to 21-10-2020 at Madan Mohan Malaviya University of Technology Gorakhpur.
- Mr. Kuldeep Kumar Singh, Participated in AICTE sponsored one-week short term training programme (STTP) on "Advanced Next Generation Wireless technology" organized by department of Electronics and Communications U.C.E.R on 20-07-2020 to 25-07-2020.
- Dr. Pavan Kumar Singh, Participated NPTEL-AICTE (full FDP of one week) Jan-Mar 2021, Introduction to Soft Computing, (Completed with 76% Score).
- Dr. Pavan Kumar Singh, Participated NPTEL-AICTE (full FDP of one week) Feb-Apr 2021, Fuzzy Logic and Neural Networks, (Completed with 90% Score).
- Mr. Ajeet Kumar Rawat, attended short term course on "MATLAB Programming", held Online at NITTTR, Chandigarh during May 11-15, 2020.
- Mr. Ajeet Kumar Rawat, attended short term course on "Modeling and Simulation using MATLAB", held Online at NITTTR, Chandigarh during May 18-22, 2020.
- Mr. Ajeet Kumar Rawat, attended short term course on "Outcome Based Curriculum", held Online at NITTTR, Chandigarh during May 25-29, 2020.
- Mr. Ajeet Kumar Rawat, attended short term course on "Real World Applications of Microcontrollers", held Online at NITTTR, Chandigarh during June 15-19, 2020.
- Mr. Ajeet Kumar Rawat, attended short term course on "Artificial Neural Networks and Fuzzy Logic", held Online at NITTTR, Chandigarh during June 22-26, 2020.
- Mr. Ajeet Kumar Rawat, attended short term course on "Power Quality and Harmonics (with Lulea University Sweden and Typhoon HIL)", held Online at NITTTR, Chandigarh during 29 Nov - 3 Dec, 2021.

### ***Workshops Attended by Faculty***

- Mr. Ajeet Kumar Rawat, Attended Two days' Workshop on "NBA Accreditation and Outcome-Based Education", during January 29-30, 2020, Organized by The State Project Implementation Unit-UP & Dr. APJ Abdul Kalam Technical University, at UPID, AKTU Noida Campus.

### ***Webinars Attended by Faculty***

- Dr. Niraj Kumar Shukla, attended webinar on "Energy regulations webinar: Challenges to energy regulations beyond corona 2020" Hosted by IEEE Uttar Pradesh Section (India council) on 24<sup>th</sup> May 2020.

### ***Faculty NPTEL Course Certification***

- Dr. Pavan Kumar Singh, attended NPTEL, IIT Madras (Coordinator – IIT, KGP) (8 Weeks), Jan-Mar 2021 "Introduction to Soft Computing" (Completed with 76% Score).
- Dr. Pavan Kumar Singh, attended NPTEL, IIT Madras (Coordinator – IIT, KGP) (8 Weeks), Feb-Apr 2021 "Fuzzy Logic and Neural Networks" (Completed with 90% Score).

## PLACEMENTS

A total of **03** students of B.Tech. (EE) are placed in software and hardware companies like RIALTO ENTERPRISES PVT. LTD., HCL TECHNOLOGIES, IGT SOLUTIONS, JUSTDIAL LTD. during Academic Year 2020-2021.

### PLACEMENTS REPORT ACADEMIC YEAR 2020-2021

S. No	Name	Roll Number	Company	Pay Package
1.	Ali Ahmad	1716220002	Wipro	1.5 LPA
2.	Amit Jaiswal	1716220003	Dhoot Transmission Pvt Ltd	2.5 LPA
3.	Amit Kumar Gupta	1716220004	Dhoot Transmission Pvt Ltd	2.5 LPA
4.	Anand Dwivedi	1816220902	Wipro	1.5 LPA
5.	Anchita Tripathi	1716220005	Dhoot Transmission Pvt Ltd	2.5 LPA
6.	Anshul Kumar Singh	1716220009	Dhoot Transmission Pvt Ltd	2.5 LPA
7.	Arvind Kumar	1716220011	Dhoot Transmission Pvt Ltd	2.5 LPA
8.	Bhoopendra Singh	1816220905	Railto Enterprises Pvt Ltd	1.84 LPA
9.	Devansh Sonkar	1716220017	Dhoot Transmission Pvt Ltd	2.5 LPA
10.	Himanshu Kumar	1716220019	Dhoot Transmission Pvt Ltd	2.5 LPA
11.	Jay Prakash Sharma	1716220020	Dhoot Transmission Pvt Ltd	2.5 LPA
12.	Km. Prachi Singh	1716220024	Dhoot Transmission Pvt Ltd	2.5 LPA
13.	Nancy Kushwaha	1716220023	Dhoot Transmission Pvt Ltd	2.5 LPA
14.	Pradyumn Singh	1716220025	Dhoot Transmission Pvt Ltd	2.5 LPA
15.	Ranjana Yadav	1716220027	Dhoot Transmission Pvt Ltd	2.5 LPA
16.	Sandeep Kumar	1716220030	Dhoot Transmission Pvt Ltd	2.5 LPA
17.	Sanivesh Tiwari	1716220031	Extramarks Education Pvt Ltd	3.5 Lacs
18.	Saurabh Kashyap	1816220906	Wipro	1.5 LPA
19.	Saurav Shukla	1716220034	Dhoot Transmission Pvt Ltd	2.5 LPA
20.	Sharda Prasad	1716220035	Wipro	1.5 LPA
21.	Sudhir Kumar	1716220037	Dhoot Transmission Pvt Ltd	2.5 LPA
22.	Ujjawal Maurya	1716220038	Railto Enterprises Pvt Ltd	1.84 LPA
23.	Vaishali Shukla	1716220039	Dhoot Transmission Pvt Ltd	2.5 LPA
24.	Vishal Gautam	1716220041	Wipro	1.5 LPA

