

Rajkiya Engineering College, Bijnor



NEWSLETTER@RECB



Patron

Prof (Dr.) Neelendra Badal (Director)



Editorial Board

**Chief Editor
Dr. Ashu Tomar**

Students Team



Akash Verma
(CE 3rd Year)



Suryansh Shakya
(CE 3rd Year)



Kratika Singh
(IT 2nd Year)



Suhani Karki
(IT 1st Year)



Shreya Tripathi
(IT 1st Year)

Chief Editor's Message

Dear Readers,
Greetings to All!

It is a matter of pleasure to come out with the next issue of Institute Newsletter. The newsletter reflects the different glance of the activities and achievements of different departments, clubs and students.

**With Best Wishes
Dr. Ashu Tomar**

Introducing newsletter from the pen of a Student

Hello Recians,

Welcome back to another exciting edition of REC Bijnor Bulletins! As we move further into the semester, we have a lot to update you on the latest happenings and upcoming events on campus. We believe in giving back to society and making a positive impact beyond the campus walls. I, as the Student Editor of Editorial Board, thrilled to share all the news and opportunities that will enrich your academic journey. Congratulations are in order for the students who have demonstrated exceptional academic prowess in the previous semester. Your hard work and dedication have not gone unnoticed, and we commend you for your achievements. We hope you find this newsletter informative and inspiring. Wishing you all a successfull and enjoyable semester ahead.



**Rishabh Kumar
(IT 2nd Year)**

Achievements of Faculty Members

1.Organized a workshop on **Career Guidance and Preparation Strategy for GATE** on 11th May 2023 for the students.

2. Have successfully completed the responsibility of Faculty Advisor, Google DSC Club which has conducted around 15 events.

3. Delivered a Guest Lecture on **How to Start a Startup and Support from Startup Policy of Uttar Pradesh Government.**

4. Observer of NEET 2023.

5. Observer of B.Ed. Joint Entrance Examination 2023.

6.Signed MOUs on behalf of RAISE; REC, Bijnor with:

- Kunwar Satya Veera College
- Government Polytechnic Changipur, Noorpur, Bijnor
- NIIT, Nazibabad
- Vivek College, Bijnor
- Government Polytechnic, Bijnor



DR.ISHAN BHARDWAJ

1.Published a paper entitled **Enhancing Solar Inverter Performance for Both Stand-Alone and Grid Connected System** in Applied Solar Energy, Volume 59, Issue 3, 2023.

2. Performed the role of a Scientific Committee member in an **International Conference on Recent Advances in Engineering and Computer Applications 2023 (ICRAECA 23)** organized by LJ University, Ahmedabad, from July 14-15, 2023.

3. Observer of NEET 2023.



DR. MOHD. AHMAD

1. A chapter entitled **Advanced Selection Operation for Differential Evolution Algorithm** is published in the book **Design and Applications of Nature Inspired Optimization: Contribution of Women Leaders in the field**, Springer International Publishing, Pages 55-74, 2023.



DR. PRAVESH KUMAR

1. Published a paper entitled **The Impact of Communication Skills in the Development of Human Society and Business** is published in European Chemical Bulletin 2023, 12 (Special Issue 4), ISSN 2063-5346 in July 2023.

2. A chapter entitled **Performance and Security Issues Management During Online Classes** is published in the book **Redefining Virtual Teaching Learning Pedagogy** (Wiley Online Library) in 2023.



DR. ASHU TOMAR

1. A chapter entitled **Investigation and Mitigation of Distribution-Side Power Quality Issues** is published in the book **Energy Conversion: Method, Technology and Future Directions** by Nova Science Publishers. DOI: <https://doi.org/10.52305/VXCB5652>.

2. Published a paper entitled **VSC for DG Integration and Harmonics Reduction** in Lecture Notes in Electrical Engineering, Springer Nature Singapore, Volume 2, pp. 725-737.

3. Published a paper entitled **A Critical Analysis of Control Approach for DSTATCOM** in Lecture Notes in Electrical Engineering, Springer Nature Singapore, Volume 443, pp. 11-21.



DR. ARCHANA SHARMA

Placement Details

Sr.no.	Name of the Student	Roll No.	Branch	Company Name
1	Ankit	1907350130013	IT	TCS
2	Prashant Bajpai	1907350130048	IT	TCS
3	Durgesh Pal	1907350130030	IT	TCS
4	Mohd. Arfeeen	1907350130040	IT	ZOHO CORPORATION PVT.LTD
5	Girdhari Goyal	1907350130031	IT	GREAT DEVELOPER
6	Chandrashekhar	1907350200023	EE	CNS ELECTRIC
7	Shivam Barnwal	1907350130057	IT	BYJU
8	Mohit Chauhan	1907350130041	IT	BYJU
9	Ajay Kumar	1907350200007	EE	BYJU
10	Diksha Kumari	1907350130024	IT	BYJU
11	Preeti Singh	2007350139005	IT	BYJU
12	Aman Tyagi	1907350200014	EE	BYJU
13	Aayush Kumar	1907350200001	EE	Palle Technologies
14	Anant Kumar Mishra	1907350200017	EE	Palle Technologies
15	Arvind Kumar	1907350130019	IT	Palle Technologies
16	Navneet Sagar	1907350130042	IT	Palle Technologies
17	Abhishek Kumar	1907350130004	IT	Palle Technologies
18	Prasant Bajpai	1907350130048	IT	Palle Technologies
19	Abhinav Singh	1907350130023	IT	Palle Technologies
20	Ankit Kumar	1907350130013	IT	Palle Technologies
21	Akash Chaurasia	1907350130010	IT	Palle Technologies

Co-curricular Activities

JAGRITI CLUB

- The objective of the club is to encourage and aware the young minds to work towards the development of deprived and backward society. The Club is based on the ideology of great personality of the world like Dr. B.R. Ambedkar, Mahatma Gandhi, Jyoti Rao Phule, Dr. A. P. J. Abdul Kalam, Ram Manohar Lohiya, Martin Luther King etc.
- The members of the club are working all the way for the upliftment of the society and needy students under the guidance of Faculty Coordinator, Santosh Kumar, Assistant Professor, IT Department. The club ensures the equality and fraternity in the society and promotes educational spirit among the new generation. It organizes various events and programs in the Institute as well as in nearby areas and schools. Some of the recent events organized by the club are:
 - Udaan Initiative during BHIMOSTAVA'23 in nearby villages and schools
 - BHIMOSTAVA'23 on 14th April 2023
 - Buddha Purnima on 5th May 2023
 - Ravidas Jayanti on 5th Feb 2023
 - Treasure Hunt & Quiz Competition in College Fest on 3rd March 2023.



Plantation Drive

- As per the instructions of Uttar Pradesh Government, Vriksharopan Jan Abhiyan 2023 was organized in the Institute on 22.07.2023.
- Shri Ram Mohan Singh Ji, SP (Traffic), Bareilly and Dr. Pramod Kumar, Ex-Regional Ayurvedic Unani Adhikari, Bijnor graced the occasion by their benign presence. Hon'ble Guests, Director Sir, Registrar Sir, Faculty Members, Staffs and Students actively participated in the program.



Lekhni

Article: Unleashing the Power of Artificial Intelligence (AI)

- Artificial Intelligence (AI) has emerged as a revolutionary technology, reshaping diverse industries and transforming the way we live, work and interact. AI encompasses computer systems that exhibit human-like intelligence, excelling in problem-solving, learning, perception, and decision-making. Over time, AI has demonstrated exceptional potential, propelling extraordinary breakthroughs and innovations across multiple domains.
- In the realm of healthcare, AI-powered systems are elevating diagnostic precision, predicting diseases and streamlining drug discovery. The result? Improved patient outcomes and more efficient healthcare delivery. Furthermore, AI is driving incredible advancements in autonomous vehicles, offering the potential to revolutionize transportation and dramatically reduce accidents.
- In the business landscape, AI is empowering companies to make data-driven decisions, optimize operations and tailor customer experiences. Through machine learning algorithms, AI analyzes vast datasets, revealing patterns that might escape human observation, thereby boosting productivity and efficiency.
- Nonetheless, as AI progresses, concerns about ethical implications and job displacement have emerged. Striking a balance between technological advancement and societal well-being is imperative. Robust regulatory frameworks must be established to ensure responsible AI deployment and safeguard user privacy.
- In conclusion, AI stands as a formidable force, holding immense promise for solving intricate challenges and unlocking boundless opportunities. As we navigate this AI-driven landscape, it is vital to embrace its potential responsibly, ensuring that humanity reaps the benefits of this remarkable technology while addressing any potential obstacles.



**Shivam Singh
(IT 1st Year)**



Ritik Pal
(IT 1st Year)

मैं पतंग बनु, तो डोर मेरी तू रहे
मैं नाव रहा, तो पतवार मेरी तू रहे
मैं रहा फसल, तो किसान मेरा तू रहे,
खो न जाऊ इस भीड़ में,
संसार मेरा तू रहे।

अँधेरे को छाट कर ,
मेरी जिंदगी में द्वीप तू जलाती है ,तू न हो मेरे पास अगर ,
सारी कलिया मुरझा जाती है,
जिंदगी का छोर हो अगर ,
तो छोर मेरा तू रहे
खो न जाऊ इस भीड़ में ,
संसार मेरा तू रहे।

तू रहे सुबह , शाम मेरी तू रहे ,
मैं करू मेहनत तो हर काम मेरा तू रहे ,
मैंने देखा कभी खुदा नहीं ,
पर मैं करू पूजा तो , भगवान मेरा तू रहे।

मैं जानता हु तूने मेरे लिए ,
दर्द कितने उठाये है ,
एक अच्छी माली की तरह ,
दो फूल ये खिलाये है ,
मैं अगर जीतू, तो हर जीत मेरी तू रहे।
बस खो न जाऊ इस भीड़ में ,
संसार मेरा तू रहे।



Shikha Raghuvanshi
(IT 1st Year)

हे नारी,
कभी तो पूछती होगी उस भगवान से,
कि क्यों भेजा तूने हमें इस समाज में?

1. जहाँ लड़कियों को एक बोझ समझा जाता है,
काबिलियत को तेरी हल्का मापा जाता है,
जहाँ गलती हमेशा तेरी ही होती है,
क्युकी जात तेरी सदैव लड़कों से छोटी होती है।

हे नारी,
कभी तो पूछती होगी उस भगवान से,
कि क्यों भेजा तूने हमें इस समाज में?

2. जहाँ तुझे एक नौकर की भाँति समझा जाता है,
बच्चे करना बस तेरे काम समझा जाता है,
जहाँ हर समस्या का दोषी सिर्फ तुझे ठहराया जाता है,
सीता हो या निर्भया गुनहगार बस तुझे बताया जाता है,
रेप का कारण तेरे छोटे कपड़ों को बताया जाता है,
तेरी खूबसूरती को तेरे रंग से आंका जाता है।

हे नारी
कभी तो पूछती होगी उस भगवान से,
कि क्यों भेजा तूने हमें इस समाज में?

Alumni Talk



Ahoy Readers!!!

In this journey of asking others about their college journey now it's time to share mine. College plays a significant role in shaping your personality, providing exposure and makes you realize what real life is all about. For me my college life was a roller coaster ride whose hangout still remains in my life.

Back to my 1st year I can clearly remember that this college was not successful in giving me a positive first impression but as Zakir Khan has said "Maze kisi Jagah se thodi na aate hai, Maze toh waha ke logo se aate hai". This line is definitely true as everyone whom I met in this journey of 4 years made REC a second home to me.

I'll share my secrets for a great college life. Firstly, and foremost interact with everyone; may it be seniors, juniors, colleagues or teachers. Remember these interactions will benefit you. Participate in club activities as it will develop your social skills and reduce your stage fear. College is for exploring yourself so don't just focus only on studies though it plays an important part but still other activities like sports or any hobby should also be entertained. If you are in first year, try experimenting your ways and ideas into different fields and understand what suits you.

At last, just a friendly reminder that enjoy every day of your college life so that after 4 years when you look back at the old memories you regret nothing.

Happy Adulting

Ujjawal Jaiswar

(EE Batch, 2019-2023)

Greetings!!!

I want to say from the experience of my college life that along with technical knowledge, soft skills are also important in the world of Engineers. Along with academics; values, ethics, positive personality are very important in today's world. This college provided a positive environment to grow. I have been blessed with dear and reliable friends that last a lifetime and supportive faculty members who have filled my life with knowledge.

The clubs of the college played a very important role in the growth of my personality. My suggestion is to enjoy your life by balancing both personal and professional life.

Sudeepti Shakya

(CE Batch, 2019-2023)

Vision of the Institute

- To be recognized as a premier institution in the field of Engineering and Technology, to provide industry ready technocrats with distinctive competence and ethical standards for the development and social welfare of society.

Mission of the Institute

- To develop innovative and competent engineers for the growth of industry and society.
- To sustain in an institutional environment in which innovative ideas, research and consultancy develop and from which the innovators of tomorrow emerge.
- To address socio technical problems faced by the state through the talent we nurture.
- To serve the local community through the use of local resources.
- To encourage dissemination and discovery of knowledge in an atmosphere of scientific freedom.
- To actively involve in rural development by way of involvement in technology based solutions for problems in rural areas.