

Rajkiya Engineering College, Bijnor



NEWSLETTER@RECB



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**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 glimpses of the activities organised by different departments, clubs and students.

With Best Wishes
Dr. Ashu Tomar

Introducing newsletter from the pen of a Student

Hello Recians,
Welcome to Issue 1# Volume 3 of Newsletter @RECB. As we approach to the beginning of the semester, it's a great time to reflect on all that we have achieved together as a community. I am thankful to get an opportunity to learn as a student editor by being associated with the Editorial Board. We are approaching a new age of synthesis. Knowledge cannot be merely a degree or a skill. It demands a broader vision, capabilities in critical thinking and logical deduction without which we cannot have constructive progress.



**Sumanshi Roy
(IT 2nd Year)**

Achievements of Faculty Members

Indian patent has been granted on 15/02/2023 for an invention entitled Systems and Methods for Generation and Matching of Biometric Templates, effective for the term of 20 years from the 2nd day of September 2014 in accordance with the provisions of the Patents Act, 1970.



Dr. Ishan Bhardwaj

1. Published a Design Patent on Solar Powered IOT based Agricultural & Horticultural Sprayer, Government of India, Design No. 367133-001, Dated: 02/07/2022.

2. Chaired a session in International Conference on Power, Instrumentation, Energy & Control (PIECON2023), organized by Aligarh Muslim University, Aligarh from Feb 10-12, 2023.

3. Chaired a session in Recent Trends in Renewable Energy and Advancement in Engineering and Technology (RTREAET-2023), organized by MEC Haryana from Feb 16-17, 2023.

4. Published a research paper entitled Performance evaluation of a PMDC motor with battery storage control and MPPT based solar photovoltaic system, International Journal of Power Electronics and Drive Systems (IJPEDS), Vol. 13, No. 3, September 2022, pp. 1704-1712 (Scopus Indexed).

5. Published a research paper entitled Analysis of various DC-DC Converter Control Schemes Fed with Solar PV for PMDC Motor Drive, in 2022 IEEE International Power and Renewable Energy Conference (IPRECON), 16-18, December 2022, Kerala, India, pp. 1-6.

6. Published a research paper entitled Improving Inverter Performance for Stand-Alone and Integrated Photovoltaic System, VW Engineering International, Vol. 4, Issue 3, 2022, pp. 66-71.

7. Become Editorial Board Member of "Journal of Electrical and Electronic Engineering (JEEE)" with ISSN: 2329-1605, a Journal of Science Publishing Group, USA.

8. Attended a workshop on SPOC Felicitation 2023 at IIT Kanpur Outreach center, Noida conducted by IIT Kanpur on 19 Feb, 2023.



Dr. Mohd. Ahmad

Co-curricular Activities

CULTURAL CLUB

The Club has organized Annual Fest of the Institute, Spandan 2k23 from 1st to 3rd March 2023. The students had participated actively in various events like singing, dancing, ramp walk and many more. The active participation of the students made the event successful.



LITERARY CLUB

The Club has organised English Debate, Panel Discussion, Panel Interview, Quiz Competition, Admad Show and Picture Perception Test. The judges of the events were Dr. Ishan Bhardwaj, Dr. Paritosh Sharma, Mr. N.K. Rai, Mr. Shrawan Kumar Yadav, Mr. Manoj Kumar Yadav, Mr. Dharmendra, Ms. Khusboo Roy and many more. The position holders got the trophies and certificates.



PHOTOGRAPHY AND FINE ARTS CLUB

The Club has organised Card Making Competition, Rangoli Competition, Spray Painting Competition, Thumb Painting Competition, Vintage Photography Competition, Fancy Dress Photography Competition, Short Story Video Making Competition and Mimicry Video Making Competition. The position holders got the trophies and certificates after the result by various Faculty Members and Judges.



Lekhni

The Doom

Meeting the demise that you chose,
Ending up in the darkness from which
you rose.

Can't help but find it so satisfying,
that you ain't even afraid of dying
Is there a dilemma holding you back,
or the grit that you still lack.



Shreya Tripathi
(IT 1st Year)

Alumni Talk



Jayam Verma
(EE Batch, 2018-2022)

Greetings!

My name is Jayam Verma and I have been a proud student of Rajkiya Engineering College, Bijnor. It's an honour to share my college experience today. As an alumna of this institution, I can confidently say that my time in the college has had a profound impact on my life.

When I first arrived on campus, I was nervous and unsure of what to expect. But as I settled into my new surroundings, I quickly realized that this was a place where I could thrive. The supportive community, dedicated professors and diverse students all played a critical role in shaping me into the person I am today.

I remember the lively discussions in class, where my peers and I would debate complex ideas and challenge each other's perspectives. And I remember the countless extracurricular activities, from sports to clubs to volunteer work, that allowed me to explore my passions and make lasting connections.

But it wasn't just the academic and social opportunities that made my college experience so valuable. It was also the personal growth that I experienced during those four years. I learned how to think critically, communicate effectively, and collaborate with others. I gained a greater understanding of the world around me and my place in it. And perhaps most importantly, I discovered my own strengths and weaknesses, and learned how to use them to achieve my goals. Of course, college wasn't always easy. There were times when I struggled with coursework or felt overwhelmed by the demands of campus life. But looking back, those challenges were all part of the journey. They taught me resilience, perseverance and the importance of seeking support when I needed it.

So to the current students, I urge you to make the most of your time here. Take advantage of every opportunity that comes your way, challenge yourself to grow and learn, and build connections that will last a lifetime. And to my fellow alumni, I say thank you for being a part of this amazing community, and for continuing to support and inspire the next generation of students. Whenever I think about those years I spent at college fills me with great energy and enthusiasm even today. I have collected many memories of the college in my heart and will always remain there as souvenir.

Thank you.



Simran Yadav
(CE Batch, 2018-2022)

I am pleased to share my college experience with all my juniors. This college is a feeling for me. My journey of four years at REC was more than just a great study experience. It has given me a direction, a new perspective and infused a sense of responsibility in me. This college has been nothing less than what I had hoped for ragging-free campus, hostel life, a great college fest, supportive seniors and faculty and real-world experiences.

This college gave me great and lifetime friends. It provided the courage I was seeking since school times, and the opportunity to participate in different fields. You might face some problems but with good friends, they are manageable to some extent. Trust me, you will get a family in the name of friends. Although I got only two years of my regular college due to corona but still, I feel so great about it and created tonnes of memories.

The only small piece of advice I want to give is, to participate in events as much as possible, not only in the fields you are aware of or in which you are an expert. Try different spheres, be experimental, and explore yourself. Enjoy everything.

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.