

Newsletter @ RECB

Introducing Newsletter from the pen of Chief Editor

Our second Newsletter is a call to take a breath and remember what we are doing in the premises of the Institute. I hope readers will enjoy reading this issue.



Dr. Ashu Tomar

Patrons

**Prof (Dr.) Neelendra
Badal**
(Director)

Introducing Newsletter from the pen of Student Editors



Shivam Singh

Hello fellow readers and friends,

As we are slowly but surely moving towards a normal lifestyle after the pandemic, sometimes we tend to remember the grim aspect of things. We are presenting the second newsletter of Rajkiya Engineering College Bijnor to give you a glimpse of all the delightful memories that took place on our college campus. For a change, Let's look at the bright side of things together. This newsletter is a symbol that no matter how bad things get you should live your life to the fullest.

Editorial Board

Chief Editor
Dr. Ashu Tomar

Students Team



Rajat Yadav
(CSE 4th year)



**Yagyik
Shrivastava**
(CSE 4th year)



Shivam Singh Ujjawal Jaiswar
(CSE 4th year)



(EE 3rd year)



Priyanshi
(EE 3rd year)

Greetings to all the readers,

Hope you all enjoy going through this newsletter and refreshing all the memories that have passed. This Newsletter reflects all the talent, hard work, and dedication that is put by its students in making it such pride for all of us. "NON-CORONA SINE LABOUR" meaning "NO CROWN WITHOUT LABOUR" is the quote that strikes my mind whenever I go through the achievement and the hard work invested in building such successful stories.



**Yagyik
Shrivastava**

O/C Library message



Dr. Subia Ambreen

The Central Library is the hub of information services in the institute. It serves as a creative and innovative partner supporting teaching, learning, and research activities. With a fast growing collection, both in digital and print format, currently the Central Library has more than 7,000 books. Besides we have DELNET Discovery Service and Nalanda e-consortium (provided by AKTU) to avail e journals, e books and other e-resources. The library has specialized Library Automation System Software called LIBSISÂ. We endeavour to further improve all our efforts to facilitate right information to the users.

Mission Of REC Bijnor

- 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.

Vision Of REC Bijnor

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.

Faculty Achievements

Dr. Pravesh Kumar has presented a research paper at International Conference "ICMC 2021" held at REC Kannauj from 20-23 October 2021. The full paper has also been accepted for publication in the Palestine Journal of Mathematics (Scopus indexed International Journal).



Dr.Pravesh Kumar



Dr.Ashu Tomar

Dr. Ashu Tomar presented a paper entitled Socio-Economic Impact of Covid 19 Pandemic in the International e-Conference on Microeconomic Impacts of Covid 19 Pandemic from 2nd to 3rd October 2021 at IGNOU, India.



Dr. Mohd. Ahmad

- **Mohmmad Ahmad**, Sheeraz Kirmani, "Simulation and analysis of a Grid Integrated Distribution system based on LMS algorithm for Hybrid types of Load", International Journal of System Assurance Engineering and Management, DOI: 10.1007/s13198-021-01392-5, 2021
- **Mohmmad Ahmad**, Sheeraz Kirmani, Md Ehtesham, "Simulation and Analysis of an Improved Quality Multilevel Inverter for Linear Types of Load", 7th IEEE International Conference on Advances in Computing & Communication Engineering, Las Vegas USA, 04-06 Oct 2021.
- Garvit Kumar, Yashwant Kumar, Nodeep, Vijendra Pal Singh, Vivek Kumar and **Mohmmad Ahmad**, "Arduino Based Speed Control of DC Fan", Journal of Emerging Technologies and Innovative Research (JETIR), August 2021, Volume 8, Issue 8, pp. c482-c489
- Md. Ehtesham, **Mohmmad Ahmad**, Majid Jamil, "Enhancing PV Inverter Performance While Interfacing with Distribution Network", International Journal of Electrical Engineering and Technology (IJEET), Vol. 12, No. 8, 2021, pp. 50-59
- Md. Ehtesham, **Mohmmad Ahmad** and Md. Junaid, "Compensation Strategy for Improved Power Quality of Photovoltaic System", International Journal of Electrical Engineering and Technology (IJEET), Vol. 12, No. 8, 2021, pp. 83-93
- Md. Ehtesham, **Mohmmad Ahmad** and Sheeraz Kirmani, "Analyzing Performance of Stand-alone and Grid Connected PV Systems for different Power Factor Loads", International Journal of Electrical Engineering and Technology (IJEET), Vol. 12, No. 8, 2021, pp. 94-104
- **Mohd Ahmad** received Appreciation certificate as SPOC from EICT Academy IIT Kanpur, for MOOCs Courses of Emerging Technology/ Artificial Intelligence for Engineers running in First year of AKTU scheme, for Aug 2021.
- **Mohd. Ahmad** received Appreciation certificate as SPOC from EICT Academy IIT Kanpur, for MOOCs Courses of Python/Computer Cyber Security running in Second year of AKTU scheme for Aug 2021.



- **Dr. Ishan Bhardwaj** organised a webinar on the topic MATLAB on 8th September 2021 for faculty members.
- **Dr. Ishan Bhardwaj** Coordinator IIC REC Bijnor and **Mr. Sunil Kumar**, Assistant Professor, EE Department attended a four day workshop on Incubation Management organised during October 20th to 23rd 2021 at IIT Kanpur.

Student's Achievements

Techtitude Tribe (Startup)

"To help transit young mind startup to realistic ones..."

A group of students from Rajkiya Engineering College Bijnor founded Techtitude tribe with a vision of providing an easier way to help others transform their amazing ideas into real-world solutions, so that they may not feel that setting up a startup is a rocket-science. Its motive is also to promote the Make-in-India moment. It is currently working and helping implement innovative ideas into the real world so that young entrepreneurs from around the nation may get help.



- Ms. Chhavi Chaudhary (Batch 2016-2020) got selected in the research programme(Ph.D) in the Indian Institute of Technology, Kharagpur, in the Department of Centre of Excellence in Artificial Intelligence.
- Yagyik Shrivastava CSE(4th year) has been selected for Associates Software Engineer in Accenture.
- Lalit Kapoor EE(4th year) has been selected as Project Engineer in Wipro and also got PPO from SchoolaEdutech, Bengaluru as Financial Analyst.
- Luv Kumar CSE(4th year) has been selected in Vertusa



Outreach Activities

In the month of November under the leadership of Prof. Neelendra Badal, Director, Rajkiya Engineering College, Bijnor, Chandpur and Shri Naresh Kumar, Registrar, Rajkiya Engineering College, Bijnor, Chandpur students visited Junior High School of Siau, Saindwar, Chaundhedi, Piplijat, Sabarpur Teli, Khanpur, Bamnaula and Jaleelpur.

The students of all the branches and years took active participation in this event. They had an interaction with the students and taught them various subjects of their curriculum.



CO-CURRICULAR ACTIVITIES

Literary Club

Literary Club provides a platform for the students to showcase their talent beyond books. Literary events are held regularly and are spread over the entire academic year. Every year a series of events like English Debate, JAM, Hindi Debate, Rangoli Competition, Poster Making Competition, Admad Show, Creative Writing, etc. are organized by the literary club of the college. The events are planned and executed in a manner so as to inculcate confidence, improve expression, develop creative ability, and reduce stage fear.

Literary Club gave its members a suitable platform to hone their literary talents with productive suggestions, healthy criticism, and heartfelt appreciation. It introduced them to the wider horizons of literature in diverse languages. The Club gave them a sense of belonging in a group where their individuality and talents were respected and instilled in them a sense of confidence to speak out. Thus, Literary Club triggered conducive thoughts in its members, encouraged them to give it expression, and inspired them to the course of progressive action.

Club Structure:

- Faculty Coordinator
- Student Coordinators



Sports Club

Sports club has come up with the purpose of providing diverse sports facilities. Outdoor games like volleyball, cricket, football, badminton, kabbadi, tug of war, etc keep students healthy and active. It has become basic for regular physical activity. Sports club also offer many indoor games like chess, carom, T.T. etc. The club organises the Annual Sports, Inter College Sports Meet etc

Objective of the Club

- To provide students, faculty and staff the opportunity for instruction and participation in a wide variety of sports of which one may develop sound, lifelong leisure values.
- To develop leadership skills by providing opportunities for students to organise, administer, and manage through individual clubs and/or the Club Sports Council.
- To provide an outlet for advanced participation and competition in a particular sport.
- To provide facilities and equipment necessary to learn and practice skills of a particular sport.



Cultural Club

Purpose: To enhance personal skills by organizing various cultural activities, which gives confidence, impart teamwork, collaboration, time management, and organizational skills in the students, it also gives the ability to think beyond boundary, increases experimental ideas, communication skills and the students learn the art of coping with criticism, which leads to the overall development of the students. Above all, various cultural activities give relaxation to students from their regular curriculum and give them new freshness for their upcoming studies.

About Us: The annual cultural fest of Rajkiya Engineering College Bijnor, “SPANDAN” is the main event organized by the cultural club. SPANDAN is a two-day extravaganza of art and culture, which is enjoyed by the whole REC family and also by the guests who came to encourage the participants.

Club Structure:

- Faculty Coordinators
- Students Secretaries
- Students Voluntary Members

List of Activities:

- Nukkad Natak -Poetry
- Dance competitions -Speech
- Singing competitions -Rampwalk



Developer's Student Club @ RECB

Developer Student Club comes with a motto "COME TOGETHER...LEARN TOGETHER...GROW TOGETHER..." This is a technical club which is for the students, by the students and of the students.

In today's fast-growing world, technology is changing rapidly. Student's Developer Club aims to bridge the gap between theoretical & practical knowledge and tune-up students with the pace of emerging technology. This club is formed to help students to develop their skills and knowledge to solve real life problems.

The Club is dedicated to organise various technical & non-technical activities & conduct projects which help students gaining skills and helps in overall development of students. There are various objectives of club which are as follows:

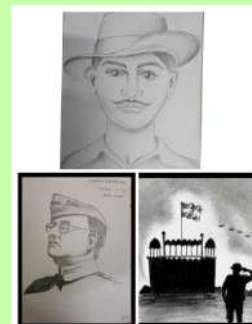
1. Provide technical awareness among students.
2. Build technical & development skills in students through various learning & competitive activities.
3. Create an environment for competitive programming.
4. Work on projects and develop products with the help of students.
5. Make students capable individuals ready to explore beyond the horizon.
6. Platform to enhance communication and presentation skills by conducting sessions.



Photography & Fine Arts Club

The purpose of this club is to enhance the creativity among the children by individual or teamwork. This club provide a basic platform to students to show their skills, through this students can try the new things and have fun. In this club, students communicate by their art , deliver their message by photographs /art.

Events organised by the club are poster making competetion, sketching competetion, cursive writing competetion and click the pic.



Satkarya



Satkarya is started with a motto 'Ek Kadam Manavata Ki Oar ' which is a social club with a mission to create a better future through empowerment of all. It was founded in 2017 by donating a total of '123 blankets'.Satkarya continues to provide impact generating programs through its initiatives. Through Satkarya,we have been reaching out to the people even living in remote areas . Our activities can be categorized into several sections such as EDUCATION,AWARENESS and RURAL DEVELOPMENT

EDUCATION- Through Our initiative 'Manobal' we encourages the poor children and help them in their study.

Our team goes to the nearby Junior High Schools teaches them very enthusiastically and we feel very happy in this all. After completing the syllabus Satkarya conducts interschool exams and provides them some gifts.

RURAL DEVELOPMENT-A programme of ours 'UTKARSHA', is divided into three stages- - Blanket Donation - Through this we distribute blankets to the needy in the beginning of the winter season. - Cloth Collection - Through this work we collect clothes and other wearing stuffs in two parts, after that we ensure their condition and then distribute them. - Cloth Donation- Through this event we distribute the collected clothes and other wearing stuffs by organising a camp for the one who is in need.



ZONAL FEST

Zonal Fest which was held on 15 November 2019 in Rajkiya Engineering College, Bijnor completed on 16 November 2019. It covered various events with students from various colleges.

ROBO RACE and ROBO WAR

With the battle arena all set and students all pumped, the stage was fired with robotic wheels aiming for the win.

A robowar giving chills to all, students were cheering for their team. We got to see the entertainment with a sense of healthy competition.



THE LITERARY EVENTS

Debate Competetion

Being one of the most popular event debate is not a piece of cake. The ability of thinking and reason within a limited time and the ability to make others accept your point is what this event is all about.

JAM(Just A Minute)

With a set of certain rules, students have to speak on a given topic. The event surely got interesting as there was a very good competition for 1st and 2nd positions. Our college got 2nd positions.

Elocution

This event's theme was "What would you ask God if he appears in front of you?"
Our college got the second position.

Poster Making Competetion

Our college got the second position.

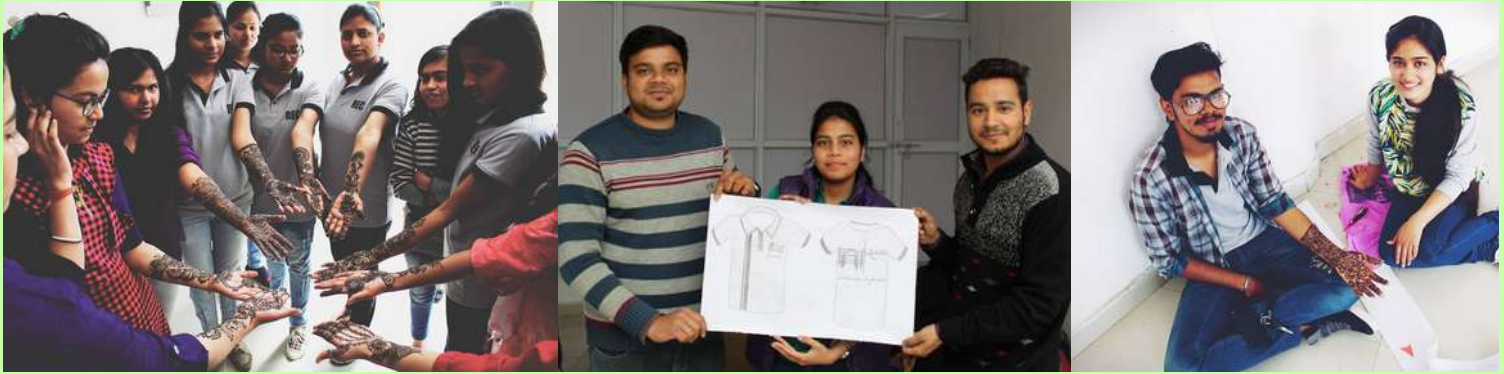
Other Events

Events like Technical Quiz, Coding Contest, and Frugal Engineering were also organized.



Hobby Club

Hobby club various activities are organised every year and students from different branches participated in these events. Such types of events are common platform for all students to grow their hidden potential and capability. Games are like Sketching, Face Painting, Rangoli, Bull's Eye, Paper Dance, Paper Throw, Mehandi, Push-UP, Spoon Race, Mobile, exting, NFS, Code Hunt, etc. are organised by the club.



THE HACKATHON

Rajkiya Engineering College, Bijnor organized a National Level Hackathon for the first time in December 2019 with the name "techno-19". It was a 24 hrs offline event where students from different colleges participated. The enthusiasm and energy hyped the building and many brilliant ideas were discovered and awarded with cash prizes. The event not only developed their technical skills but it was also meant to test their speaking skills, reasoning ability, problem solving and team work



CHAUPAL

In the month of October, Dr. Ashu Tomar, Assistant Professor (English) with the assistance of students organised Chaupal on 6th October 2021 for an open interaction among the students on general topics. Er. Suneel Kumar, Assistant Professor, Department of Electrical Engineering was the guest for this event. He had motivated the students to organise such type of open interactive session in the future also.



Alumni Talk

When I reminiscence about my college life in REC, I see the transferable set of competencies that got build up over a period of time in me. I extend my extreme thanks to the REC family and specially to my EE department, who prepared me to sustain the worst and outshine the best. REC outshines everytime in academics and building on that the college never made a step back in grooming the student's overall personality. I was also a member in the literary club which not only enhanced my skills but also helped me in facing different tasks with confidence. REC proved to be the best learning place and I will always cherish the memories I made in the college.

-Sneha Kardam(EE Batch,2017-2021)



REC Bijnor is a place of knowledge and extreme bliss. In this college I lived the best days of my life, undoubtedly the best! Whenever I remember my college days, I get tears in my eyes. 'Time flies like an arrow', it is very true because these four years of engineering life was just like four days which passed very fast. But during these days some everlasting memories had been also created. Specially, the Hostel was like the second home for all of us. The experience here turned me into more curious and achieving person.

I'll always be very thankful to my professors and my amazing seniors. With their blessings and right guidance; Currently, I am working with TCS as an Assistant System Engineer.

I am grateful to God that I had this college as the stepping stone of my career life.

REC Bijnor will always be an everlasting part of my life.

-Saurabh Singh (EE Batch,2017-2021)



It was my pleasure of being a student of our prestigious institute, REC,Bijnor. I am very grateful to all the faculty members and administrative staff of the Institute for all the support and guidance they had provided which helped me to develop better skills and qualities. This college gave me delightful memories which I'll cherish life long. Rec provided a wonderful environment and opportunities to grow and learn academically. Today may be I am not a part of the Institute but the knowledge, memories and experience that I had receive will always be with me.

-Vaishali Sagar(CE Batch,2017-2021)



लेखनी

The next time, when you win, notice, who claps for you.
The next time, when you lose, notice, who doesn't laugh
at you.

The next time, when you try, Notice who doesn't drag
you down,

The next time, when you go on a war notice who fixes
your crown.

The next time when the crowd turns against you,
notice who takes your stand.

The next time when you fall, notice who lends you a
hand.

and the next time, when the things go wrong with
them,

without a second thought, cross the oceans for them.

हार और जीत मंज़िल की नदी के दो किनारे है

भंवर के बीच में बैठे है हम तिनके बिचारे है

कोई लहरें कभी आकर हमे झकझोर देती है

ना वो लहरें ही अपनी है ना वो साहिल हमारे है

हवा के झोंके कुछ पहुंचा दिया करते किनारों पर

इधर पहुंचे तो जीते है उधर पहुंचे तो हारे है

मंज़िल मिल ही जायेगी एक दिन हमको भी ऐ दोस्त

भले ही आज गर्दिश में हमारे कुछ सितारे है।



**-Manu Singh
EE 4th year**



**-Rajat Yadav
CSE 4th Year**