ANNUAL REPORT

2019-2020

RAJKIYA ENGINEERING COLLEGE

BIJNOR(735)

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DIRECTOR'S REPORT

It is a matter of great pleasure for me to introduce REC, Bijnor as an Institute of State importance. It aims to provide Instructions and Research guidance in various Engineering disciplines – Information Technology, Electrical Engineering & Civil Engineering for advance learning and dissemination of knowledge. REC, Bijnor is running at Chandpur, District-Bijnor (UP), where the most advanced facilities with developed infrastructure and latest technologies that an Institute of this cadre should have. It is only possible to develop REC, Bijnor into a reputed Institute when we venture seriously and sincerely both at individual and collective levels which may prove a pride for all of us in time to come, and may become a centre of learning and research at the global level. In the present era of globalisation, the Institutions are under tremendous pressure to deliver quality education. Our mission is to produce human resource with creative and innovative ideas, competitiveness with high intellect and professional ethical values and to impart holistic education along with inculcating high moral values in the students. The institute has already built a brand name for itself amongst the top newly established Government Colleges. The institute has already advertised for attracting the best talents from all over the state for its faculty, and, is hoping it will be the very important step towards achieving its vision faster and better.

Prof. B.K. Tripathi

M.Tech (IIT, Delhi)

Ph.D (IIT,Kanpur)

Email- directorrecbijnor@gmail.com

VISION & MISSION

VISION OF THE INSTITUTION

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 INSTITUTION

- 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.

INFORMATION REGARDING AFFILIATING UNIVERSITY

ABOUT THE INSTITUTE:

Rajkiya Engineering College, Bijnor (Formerly Dr. Bhim Rao Ambedkar Engineering College of Information Technology, Bijnor) was started by Government of Uttar Pradesh, Department of Technical Education under Special Component Plan (SCP), basically a Plan of the Union Government of India for the promotion of technical education into the socially and economically weaker section of the society. The admission to this College started in the year 2010-2011 with three branches viz., Civil Engineering, Electrical Engineering and Information Technology with an intake of 60 in each branch. As a make shift arrangement the classes of the students admitted to this college were being organised in Harcourt Butler Technological Institute, Kanpur. The Institute is fully financed and managed by Government of Uttar Pradesh and is a financially aided technical Institution. At present the college is functioning as an affiliated college of Dr. APJ Abdul Kalam Technical University, Lucknow and the proposal of the Government is to develop the college as an AICTE approved, independent fully autonomous college, governed by its own well constituted Board of Governors. The construction work of the College buildings at Chandpur, Bijnor is completed and now the College is fully functional in its own campus from July 2015. The Institute is running at Chandpur, District-Bijnor (UP), where the most advanced facilities with developed infrastructure and latest technologies are available. The Institute has state-of-the-art infrastructure comprising of laboratories, computer labs, central and departmental libraries, seminar halls, conference halls, administrative area and offices etc. The Institute has highly qualified and experienced faculty, reputed for their academic achievements and performance. Highly qualified and committed faculty drives the academic, curricular and co-curricular excellence on the campus. Research, innovation, industry institute collaboration and transfer of technology to community are the core thrust areas. In the present scenario, for the upgradation and modernisation of laboratories we have sent the proposal to DDUQIP. In order to create facility for learning, motivating students for spending quality time in labs, for achieving standards of quality education these modernisations plans are essential. After the implementation of this project, all the laboratories of all the departments will upgrade as per the curriculum of the university. Technical Education Quality Improvement Program (TEQIP) was envisaged as a long-term program of about 10-12 years duration to be implemented in 2-3 phases for transformation of the Technical Education System with the World Bank assistance. The college has been selected for implementation of TEQIP phase III.

OBJECTIVES

The objectives of the Institute include:

- Offering instruction in engineering and technology, at a level comparable to the very best anywhere in the world;
- Providing leadership in curriculum planning, laboratory development and examination system;
- Developing programs for faculty development both for its own staff and for teachers of other engineering institutions;
- Developing strong collaboration links with other academic and research institutions in the country;
- Preparing manpower for the unorganised sector and for self-employment.

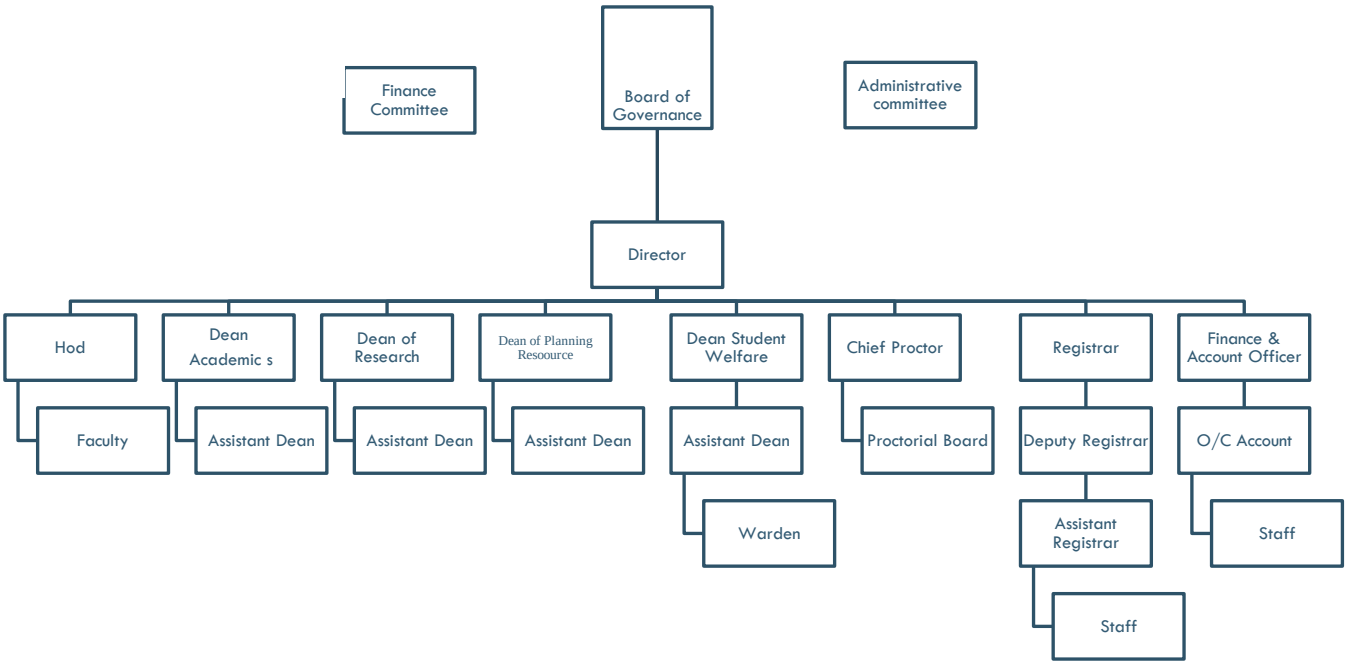
GOVERNANCE STRUCTURE

There is a governing body (BOG), properly constituted by state of U.P. The structure contains-

1. Chairman
2. Vice chairman
3. Members
4. Member secretary

Director is the member secretary of governing body.

ORGANIZATION STRUCTURE



DEANS

S.No.	Name	Designation
1	Dr. Pravesh Kumar	Dean Academics
2	Dr. Navneet Chauhan	Assistant Dean Academics
3	Mr. Vivek Kumar Jaiswal	Dean Student Welfare
4	Dr. Priyanka	Dean R&D

PROCTORIAL BOARD

In case of any act of ragging, indiscipline, vandalism and loss to the institute's property necessary disciplinary action is taken by the Chief Proctor/ Proctorial Board of the Institute. The Wardens, Dean and Assistant Dean, Student Welfare are responsible for welfare related issues of all students of the Institute. The students can also approach the concerned Head of Departments/ Wardens/ Dean and Assistant Dean (Student Welfare) for solution to their problems and guidance.

S.No.	Name	Designation
1	Mr. Vijay Pal Singh	Chief Proctor
2	Dr. Ashu Tomar	Assistant Chief Proctor
3	Dr. Pravesh Kumar	Dean (Academics)
4	Mr. Vivek Kumar Jaiswal	Dean (Student Welfare)
5	Mr. Santosh Kumar	Warden 1, (BH-1)
6	Dr. Mohd. Ahmad	Warden 2 (BH-1)
7	Mr. Anil Kumar	Warden 1 (BH-2)
8	Dr. Paritosh Sharma	Warden 2 ((BH-2)
9	Mr. Mayank Kumar	Warden 1 (BH-3)
10	Dr. Hemaunt Kumar	Warden 2 (BH-3)
11	Mr. Jitendra Kumar Vashishtha	Warden 1 (BH-4)
12	Mr. Sudhir Goswami	Warden 2 (BH-4)
13	Dr. Subia Ambreen	Warden 1 (GH)
14	Dr. Archana Sharma	Warden 2 (GH)

INFRASTRUCTURE: ACADEMIC, LIBRARY, COMPUTER CENTRE, RESIDENTIAL, HOSTEL, ETC.

EXAMINATION:

The examinations are conducted by Examination Committee, Rajkiya Engineering College, Bijnor. The evaluation process of the students is based on the concept of continuous assessment and evaluation, and it has two components i.e. the sessional and the end semester theory exam. The sessional component (30/50 marks) for theory subjects comprises of two class tests each of 10/15 marks and 10/20 marks for student performance based on assignments/ quizzes/ attendance etc. The end semester examination comprises of 70/100 marks. The distribution of marks for sessional, end semester theory papers, practicals and other examinations, seminar, project and industrial training shall be as prescribed in scheme of evaluation and criteria by AKTU, Lucknow.

EXAMINATION COMMITTEE:

Name	**Designation**
Dr Navneet Kumar	Controller of Examination (CS)
Mr. Abhishek Chauhan	Deputy Controller of Examination (DCS)

TEQIP III OFFICIAL

S. NO.	**OFFICERS**	**DESIGNATION**
1.	DR. ISHAN BHARDWAJ	TEQIP COORDINATOR
2.	MR. MAYANK KUMAR	ASSISTANT TEQIP COORDINATOR
3.	MD. HAMID KHAN	NODAL OFFICER(FINANCE)-I
4.	MR. SUDHIR GOSWAMI	NODAL OFFICER(FINANCE)-II
5.	MR. SUNEEL KUMAR	NODAL OFFICER(ACADEMIC)-I
6.	MR. ANIL KUMAR	NODAL OFFICER(ACADEMIC)-II
7.	DR. PARITOSH SHARMA	NODAL OFFICER(PURCHASE)-I
8.	MR. VIVEK KUMAR JAISWAL	NODAL OFFICER(PURCHASE)-II
9.	MR. SANTOSH KUMAR	EAP COORDINATOR
10.	MS. SHAGUN PANDEY	ENVIRONMENT COORDINATOR

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME

TEQIP-III Academic Activities (2019-20)

S.No.	Category (Student/ Faculty/ Staff/ Other)	Activity Name	Duration
1	Faculty	Art of Living	07-11 July 2019
2	Faculty	Technology Enabled Teaching, Learning & Research	15-17 July 2019
3	Student	GATE Training	Classes commenced from 01 Aug 2019
4	Student	Employability Skill Training	Classes commenced from 01 Aug 2019
5	Student	Expert Lecture for IT 2nd Year	8/16/2019
6	Student	Expert Lecture for IT 3rd Year	8/16/2019
7	Student	Expert Lecture for EE 2nd	8/16/2019
8	Student	Expert Lecture for IT 2nd Year	8/17/2019
9	Student	Expert Lecture for EE 2nd & 3rd yea	8/17/2019
10	Student	SELP	13-19 August 2019
11	Faculty	Twinning Activity, NBA	16-17 August 2019
12	Student	SDP on Electrical System Modernization and its Impact on Society	27-31 August 2019
13	Student & Faculty	STC on Recent Trends in Power System Generation, Operation and Control	27-31 August 2019
14	Student	Workshop on Recent Trends of Power Electronics in Industry Revolution	30-31 Aug 2019
15	Student	SDP on Recent Trends in Civil Engineering	03-07 September 2019
16	Student	SDP on Artificial Intelligence and Machine Learning using Python	03-07 September 2019
17	Student	Industrial visit in two companies	9/21/2019
18	Student	SDP on Data Structures and Algorithm	30 sept to 04 oct 2019
19	Student & Faculty	STTP on IOT	30 sept to 04 oct 2019
20	Students	Placement Drive for Final Year Students	10/4/2019
21	Student	One day innovation day compaign	10/15/2019
22	Student	Employability Skill Test	20 to 22 oct 2019
23	Student	One day wokrshop on entrepreneurship and innovation as career opportunities	10/21/2019

24	Student	National Hackathon	04-05 Nov, 2019
25	Student	One week workshop on PLC, SCADA & Hardware Interfacing with Aurdino	04-08 Nov 2019
26	Student	Expert Lecture fot IT 3rd Year	11/5/2019
27	Student	Diagnostic Test	11/7/2019
28	Student	Expert lecture on Placement Activities	11/18/2019
29	Student	Placement Drive for Final Year Students	11/25/2019
30	Student & Faculty	One Week STTP on Entrepreneurship & Business Model	25-29 nov, 2019
31	Student & Faculty	One Week Start-up Programme on Innovate-2-Inspire	25-29 nov, 2019
32	Student	Placement Drive for Final Year Students	11/28/2019
33	Student & Faculty	One day seminar on Equality & Equity:Constitution Perspective	11/30/2019
34	Student	Latest Industrial Updates on Various Software of Civil Engg. & Mechanical Engg.	28 Jan. to 01 Feb 2020
35	Student	SDP on Soft Skill	03-07 Feb 2020
36	Student	SDP on Role of Renewable Energy Resources in Enhancing Power Generation Capacity	03-07 Feb 2020
37	Student	SDP on Applications of Power Electronics in Electrical Engineering	03-07 Feb 2020

THE CENTRAL LIBRARY:

The Central Library is the hub of information services in the college. 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 2000 books, around 50 CD-ROMs. Besides we have DELNET Discovery Service that provides access to more than 2.5 crore bibliographic records of Books, more than 40,000 Journals, more

than 5000 E-journals, more than 1,00,000 Thesis/Dissertations etc. in addition to several full text databases as on date. The Central Library operations and services are fully computerised. For this, we have specialised Library Automation System Software called LIBSISÂ. This software facilitates automated circulation (issue & return) of the resources and speedy access to bibliographies, locations and availability information of the resources stocked in the library. We endeavor to further improve all our efforts to facilitate right information to the right user at the right time.

CENTRAL LIBRARY OFFICIAL

S. No.	Name of Person	Designation
1	Dr. Subia Ambreen	O/C Library
2	Mr Anil	Staff
3	Mr. Gopi Chand	Staff

HOSTEL & MESS

The students admit in the Rajkiya Engineering College, Bijnor (UP) from all parts of the state as well as country. As per the admission policy REC Bijnor, 70% of the students are from scheduled caste/ scheduled tribe community of the state Uttar Pradesh, whereas the other 30% are from the other communities.

There are six hostels in this Institute. Five of these are for boys and girls have the separate one. Names of the hostel are on the basis of famous rivers of India. The capacity of boys' hostel is approx. 1025 triple seated rooms and that of girls' hostel is approx. 205 triple seated rooms. The hostels are in perfect shape and provide all the basic facilities to the students. Each hostel has its own mess. Food available is delicious and the menu is decided by the students themselves.

The messes are managed by nominated representatives of students under the overall supervision of wardens. The newly admitted boy's students are kept in separate hostels away from senior students to avoid ragging. There is a team of a DSW and warden for each of the hostel. All the student complaints regarding the room maintenance are routed through the warden of the hostel to the concerned authorities.

S No.	Name of person	Hostel Name	Post	Role and Work
1	Mr. Vivek Kumar Jaiswal		Dean Student Welfare	Finance and Administration
2	ER. SANTOSH KUMAR	**Bhagirathi(BH1)**	Warden First	Finance, Rules & regulation
	DR. MOHAMMAD AHMAD		Warden Second	Maintenance, Rules & regulation and Administration
	GUEST FACULTY		Warden Third	
3	ER. ANIL KUMAR	**Mandakini (BH2)**	Warden First	Finance, Rules & regulation
	DR. PARITOSH SHARMA		Warden Second	Maintenance, Rules & regulation and Administration
	GUEST FACULTY		Warden Third	
4	ER. MAYANK KUMAR	**Alakhnanda (BH3)**	Warden First	Finance, Rules & regulation
	DR. HEMAUNT KUMAR		Warden Second	Maintenance, Rules & regulation and Administration
	GUEST FACULTY		Warden Third	
5	ER. JITENDRA KUMAR VASHISHTHA	**(BH4)**	Warden First	Finance, Rules & regulation
	ER. SUDHIR GOSWAMI		Warden Second	Maintenance, Rules & regulation and Administration
	GUEST FACULTY		Warden Third	
6	DR. SUBIA AMBREEN	**GIRLS HOSTEL Yamuna(GH1)**	Warden First	Finance, Rules & regulation
	DR. ARCHANA SHARMA		Warden Second	Maintenance, Rules & regulation and Administration
	GUEST FACULTY		Warden Third	

LITERARY CLUB:

Literary Club provides a platform to 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 organised by the literary club of the college.

The events are planned and executed in a manner so as to inculcate confidence, improve expression, to develop creative ability and to reduce stage fear.

CLUB STRUCTURE:

- Faculty Coordinator
- Student Coordinators

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 organize 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.

ANTI RAGGING COMMITTEE:

In order to have effective control over the incidents of ragging as per the guidelines of Hon'ble Supreme court of India and to maintain overall discipline among the students the following committees are being forms.

The Members of various committees are requested to remain present, be vigilant and take round in their respective areas for effective checking of the incidence of ragging.

FACILITIES

- Water coolers with water purifiers on every floor.
- 24x7 internet connectivity.
- Generators, which in case of power failure provides electricity to the hostels.
- Visitor rooms.

DEPARTMENTS PROFILE WITH INFRASTRUCTURE & FACILITIES

Departments

1. Civil Engineering
2. Electrical Engineering
3. Information Technology
4. Applied Science, Humanities and Management

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering was established in 2010 in affiliation with Dr. APJ Abdul Kalam Technical University, Lucknow. The Department offers a four-year course leading to the Bachelors Degree in Civil Engineering. There are 272 students pursuing Bachelors degree in the department. Civil Engineering Program is designed to produce the graduates with sufficient theoretical knowledge, practical experience and design skills that will enable them fit into various areas of engineering practice. This program offers students a wide range of civil engineering courses such as Analysis and Design of Structures, Geotechnical Engineering, Traffic and Highway Engineering, Water and Wastewater Engineering, and Construction management. The Department is supported by group of faculty members who are subject experts and hail from premier institutions like RECs and NITs.

VISION

To be a center of excellence for imparting quality education in Civil Engineering and nurturing young minds to make them ethically strong and technically competent engineers to serve humanity.

MISSION

1. The Department is committed to produce competent Civil Engineers in the current dynamic scenario.
2. To promote quality education, research and consultancy for industrial and societal needs.
3. To encourage students to pursue higher education and take competitive exams and various career enhancing courses.
4. To inculcate moral and ethical values among students.
5. To establish coherence between global industrial demand and educational curriculum.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

The Program Educational Objectives of UG in Civil Engineering are:

1. Will be trained to excel in latest analysis and design practices of Civil Engineering field using advanced computing methods and software applications.
2. Will be provided exposure to the ongoing challenging Engineering projects through industry education collaboration.
3. Will be nurtured as an engineer who has sound engineering knowledge along with professionalism, ethics and good communication skill.
4. Will be trained to adapt and learn throughout life in new challenging business environment.
5. Will be trained as an engineer who has innovative and creative entrepreneurial and leadership qualities.

PROGRAM OUTCOMES (POS)

The Program Outcomes of UG in Civil Engineering are:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to the solution of complex engineering problems in civil engineering.
2. **Problem analysis:** Identify, formulate and review possible solutions to the field problems using fundamental principles of civil engineering, mathematics and natural sciences.
3. **Design/development of solution**: Design solutions for complex problems and design system components or processes of Civil engineering that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments in civil engineering, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select and apply appropriate latest problem solving techniques for civil and infrastructure development needs of modern challenging projects.
6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in civil engineering.

7. **Environment and sustainability:** Understand the impact of the professional engineering solutions of civil engineering in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and Finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognise the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOS)

The Program Specific Outcomes of UG in Civil Engineering are:

1. Students should be ready to answer common challenges of design and execution of current civil engineering projects, based upon sufficient exposure to live projects and case study during academic program.

2. Students must be capable and enthusiastically involved in innovation and execution of new solution based upon their knowledge and experiences of civil engineering fields.

FACILITIES:

- 10 Well Equipped Laboratories
- 24x7 Internet Facility
- Biometric Enabled Attendance
- Virtual Class Room - Virtual class with interaction-based multimedia devices and other advance facilities to follow the new model curriculum of AICTE, including Visualizer, Trainer tracking Camera, 2 way video conferencing, Big Screen Full HD LED TV, Projector, sound system, e-podium etc. In the class various types of seminars and workshops are conducted for students and faculty members in addition to interactive lecture sessions. In addition to this distance learning features are also available.
- Smart Class Room
- Swayamprabha Room
- Multimedia Projectors in Laboratories and Classrooms

LABORATORIES FACILITIES:

Department of Civil Engineering currently offers 10 laboratories and 5 upcoming laboratories to engineering undergraduates. The laboratories are well equipped with various instruments and machines which provide in-depth knowledge about the curriculum. The curriculum is balanced between the practical aspects of engineering and a strong theoretical foundation and covers environmental, structural, construction, geotechnical, transportation, and water resources engineering. Students will learn in small classes complemented by hands-on projects, time in the lab and field trips.

THE LABORATORIES IN DEPARTMENT OF CIVIL ENGINEERING:

1. **Building & Construction Lab**

   Brick Testing, Concrete Testing, Aggregate Testing, Reinforcement Testing, Cement Testing etc.

2. **Transportation Lab**

   Mix design-Marshall method, Material testing facility-Bituminous binder, Aggregates, Bituminous mix, CBR Testing, Abrasion Testing, Impact Testing etc.

3. **Geotechnical Engineering Lab**

   Pycnometer, Hydrometer, Scale Balance, Electronic Balance, Set of Sieves, Casagrande's Liquid Limit Apparatus, Static Cone Penetrometer, Permeability Test Apparatus, Sieve Shaker (wet & dry), Triaxial Shear Test, Direct Shear Test, Unconfined Compressive Test, Plate Load Test, S.P.T. Set Up, Proctor Compaction Test

4. **Fluid Mechanics Lab**

   Pitot Static Apparatus, Pipe Friction Apparatus, Flow Measurement Devices, Bend Meter, Reynolds & Orifice Apparatus, Meta centric height Apparatus, Adjustable Channel, Wind Tunnel

5. **Surveying & Geo-Informatics Lab**

   Electronic & Manual Theodolite, Total Station, Dumpy Level & Auto Level, Mirror Stereoscope with 4x Binocular, Plane Table Accessories Box (Alidade, U-Fork, Plumb Bob, Compass, Bubble Tube etc), Tripods, Ranging Rods, Measuring Tapes, Levelling Staffs, GPS Device, Parallax Bar, Vernier scales, Cross Staffs

6. **Structural Engineering Lab**

   3-hinged, 2-hinged Arches, Fixed beam, Suspension Bridge, Elastically Coupled Beam

   Portal Frames, Truss deflection apparatus, Pin & Rigid connected truss model

7. **Engineering Drawing Lab**

   Drawing halls with wooden stools and drawing boards with stands are available for students to in depth their knowledge about the traditional engineering drawings.

8. CAD Lab
9. Environmental Engineering Lab
10. CAEG Lab

Department's Recognition

- **MoU signed with Uttar Pradesh Pollution Control Board (UPCPCB) & Nagar Palika Parishad Gajraula**

  Collaboration has been established for city Gajraula, under National Knowledge Network of National Clean Air Program (NCAP) by Ministry of Environment, Forest and Climate Change (MoEF&CC) to tackle all sources of air pollution. REC Bijnor has been identified as "Institute of Repute" or Technical Partner and will provide Technical assistance. Necessary help will be provided by State Pollution Control Board (SPCB).

- Rural Engineering Department, Govt. of Uttar Pradesh nominated Department of Civil Engineering, REC Bijnor, to inspect all its Building construction & Road construction projects for Bijnor , Moradabad, Sambhal, Saharanpur & Muzzafarnagar region.

Consultancy Projects

- Department provides various construction material testing like cement, aggregate, brick, concrete, reinforcement, sand and soil.
- Department performs Third Party Inspection of building construction & road construction works.
- Drawing vetting works are also provided but in limited extend.
- Many construction agencies like U.P. Awas Vikas , RED, C&DS, UPTCL, Kumaon Mandal Vikas Ltd., Nirman Khand etc. are connected with the department for consultancy works.

DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT DEPARTMENT

The Electrical Engineering Department, Rajkiya Engineering College, Bijnor offers B.Tech and Ph.D program. The B.Tech program is designed and updated keeping in view the constantly changing industrial needs, skills to be developed, and challenges emerging out of new research. The programs are well – received by the industry and academia as well. The department emphasises towards imparting quality education, rigorous teaching-learning, hands-on expertise and helping students to shape their all-round personality.
The Department with its strong pool of faculty, well-developed laboratories, latest software and hardware facilities, contributes to develop life-long learning skills to its graduate students. The department is actively involved in funded research projects apart from offering design, analysis and testing based consultancy work to relevant industries.
The Electrical Engineering program is very well equipped with laboratory facilities and constantly upgrading available hardware and software to create conducive teaching-learning, and research / testing environment leading to a great opportunity to learn and progress in different technical domains. Some of the faculty members have obtained their Ph.D. from NITs, RECs and IISc whereas some are undergoing their doctoral research.

VISION

To provide a technically progressing environment in the field of electrical engineering to prepare industry ready technocrats to meet the industrial and social needs for the holistic development of the society.

MISSION

1. To provide an academic environment galvanized from progressing technologies and innovations.
2. To impart technical skills in the students by practical exposures and industrial based learning.
3. To develop R&D facilities for industrial readiness of technocrats.
4. To infuse moral values and professional ethics for leadership and teamwork quality.
5. To encounter problems faced by nearby rural areas through gained technical knowledge.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

The Program Educational Objectives of UG in Electrical Engineering are:

- Graduates of the program will apply skills and knowledge of Electrical Engineering to solve the problems of social, environmental and industrial relevance.
- Program graduates will engage in analysis and design of systems, tools and applications in the field of Electrical Engineering.
- Program graduates will work effectively in team as well as individually in the interdisciplinary areas.
- Program graduates will engage in lifelong learning, career development and adapt to evolve societal and environmental needs maintaining professional ethics.
- Program graduates will apply the basic reasoning to address the socio-cultural consideration and the impact of Electrical Engineering solutions for above areas and environmental sustainability.

PROGRAM OUTCOMES (POS)

The Program Outcomes of UG in Electrical Engineering are:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems in electrical engineering.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solution:** Design solutions for complex engineering problems and design system components or processes of Electrical engineering that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigates of complex problems:** Use research-based knowledge and research methods including design of experiments in electrical engineering, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities in electrical engineering with an understanding of the limitations.

6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in electrical engineering.
7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions of electrical engineering in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

FACILITIES:

- 13 Well Equipped Laboratories
- 24x7 Internet Facility
- Biometric Enabled Attendance
- Virtual Class Room
- Smart Class Room
- Swayamprabha Room

LABORATORIES:

Department of Electrical Engineering currently offers thirteen laboratory courses to Engineering undergraduates. The laboratories are well equipped with various experimental kits which provide in-depth knowledge about the curriculum. Along with experimental kits based experiments, undergraduates also learn various soft computing techniques, which help them to solve recent problems.

THE LABORATORIES IN DEPARTMENT OF ELECTRICAL ENGINEERING ARE:

1. Basic Electrical Lab
2. Analog Electronics Lab
3. Electrical Measurement and Instrumentation Lab
4. Electrical Workshop
5. Circuit Simulation Lab
6. Electrical Machine – I Lab
7. Digital Electronics Lab
8. Control System Lab
9. Electrical Machine –II Lab
10. Power System Lab
11. Microprocessor and Microcontroller Lab
12. Power Electronics Lab
13. Simulation Lab

RESEARCH PROJECT

A funded research project is going on in the department with PI Dr. Navneet Kumar and Co-PI Mr. Abhishek Chauhan. The project is funded by the Ministry of Electronics and Information Technology.

DEPARTMENT OF INFORMATION TECHNOLOGY

ABOUT DEPARTMENT

The Department of Information Technology was established in 2010 affiliated to Dr. APJ Abdul Kalam University, Lucknow (College Code-735). Information Technology Department runs 4 years B.Tech Program with an intake of 60 students. The students have an in-depth exposure to computing environment consisting of state-of-the-art Laboratories. The IT Department is supported by group of faculty members who are subject experts and hail from premier institutions.

COURSE OFFERED

B.TECH (4 YEAR PROGRAM)

Students are admitted through UPSEE counseling.

Intake: 60 students + Lateral Entry Students.

VISION

To achieve excellence in education and research, and adhering to professional standards in line with the latest trends of technology in the industry focusing on skills and ethical values in benefit of the society and environment.

MISSION

1. To develop the intellectual competency and out of the box thinking among the young minds.
2. To induce curiosity, capabilities to learn, analyze, infer and prototype.
3. To introduce new latest technologies and research areas to the budding technocrats, enabling them to come up with novel solutions to the real-world problems.
4. To produce IT professionals with a sound understanding of the concepts in the domain and the proficiency to meet the agile industry demands.
5. To motivate the young generation for socio-economic development.

FACILITIES

- **Internet facility:** High Speed LAN and Wi-Fi facility in all Laboratories and Classrooms
- Power Backup in Laboratories and Smart Classes
- Biometric enabled Attendance
- Multimedia Projectors in Laboratories and Classrooms

- Air-conditioned Laboratories and Virtual Classroom
- E-Resources
- Grants through various funds like TEQIP/DDU.

INFRASTRUCTURE

- **Multiple Computer labs:** Multiple computer labs equipped with state-of-the-art Computer Systems. The labs are organised in a way to maintain good student to computer ratio with all relevant software installed for performing experiments and assignments.
- **Virtual Class:** Virtual class with interaction-based multimedia devices and other advance facilities to follow the new model curriculum of AICTE, including Visualiser, Trainer tracking Camera, 2 way video conferencing, Big Screen Full HD LED TV, Projector, sound system, e-podium etc. In the class various types of seminars and workshops are conducted for students and faculty members in addition to interactive lecture sessions. In addition to this distance learning features are also available.
- **Smart Class:** Smart class with multimedia and other advance facilities to follow the new model curriculum of AICTE, including Projectors, sound system, e-podium etc. In the class various types of seminars and workshops are also conducted for students and faculty members in addition to interactive lecture sessions.
- **Swayam Prabha:** To support the government initiative a Swayam Prabha room is setup in the department in the interest of students. The room is equipped with Large screen smart TV connected to the Satellite based FTA DTH service that offers access to 30+ high-quality educational programs/ channels.
- **Research Lab:** A research lab equipped with latest high end configuration Workstations, multimedia projectors etc. is available for the students and faculty members. The systems are loaded with various programming languages, scientific software and tools to support budding researchers. The lab is designed in such a way, with modular tables, partitioning, and high back chairs, to provide an environment that helps them focus on the research work.
- **AI GPU Lab:** The Artificial Intelligence (AI) learning adventure explores intelligence and its connection to engineering and technology. Using ideas about human intelligence and intelligence more broadly, engineers can create “artificial intelligence”. AI has the power to spur creativity, engagement and stronger learning outcomes among the students. With AI, experiential or hands-on learning has an all-

new meaning. Thus, state of the art high computational power machines is made available in the lab that enables running lengthy complex codes efficiently.

- **Internet of Things Laboratory**: IoT is the network of physical devices, vehicles, home appliances and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to connect and exchange data. Some of the most popular IoT Applications include Smart home, Wearables, Smart City, Smart grids, Industrial internet, connected car, Connected Health (Digital health/Telehealth/Telemedicine), Smart retail, Smart Waste Management, Smart Parking etc. The lab can enable students to work on output centric projects and let them explore, innovate and prototype with hands on experience on real hardware.

RESEARCH

Research and development is trending thing in IT. The department focuses on research-oriented projects in many areas like AI, IOT, Big Data etc. so that students can enhance their knowledge in developing real world projects for socio economic development.

DEPARTMENT OF APPLIED SCIENCE, HUMANITIES AND MANAGEMENT

ABOUT DEPARTMENT

The department of Applied Science, Humanities and Management of Rajkiya Engineering College Bijnor focus on the creation and application of knowledge in the disciplines of Physics, Chemistry, Mathematics, English and Management. The department was established in 2010 and the department has been running to support the B. Tech program. The faculty members are well qualified with masters/doctorate from institutes of well repute like IITs and NITs. The faculty members also have a number of national and international publications, books and patents to their credit. The Department of Applied Sciences equips students with technical knowledge, skill and ability; motivating them to think creatively, helping them to act independently and take decisions accordingly in all their scientific pursuits and other endeavors.

LABS & FACILITIES

CHEMISTRY LABORATORY:

The department has a well-equipped chemistry laboratory to cater for prescribed experiments at B.Tech 1st and 2nd semester curriculum. It acquaints students to the basic principles/concepts of chemistry so that they could analyse the need, design and perform a set of experiments.

PHYSICS LABORATORY:

The department has a well-equipped physics laboratory for prescribed experiments of B.Tech 1st and 2nd semester students. It is in the laboratory that students learn to practice the activities of scientists - asking questions, performing procedures, collecting data, analysing data, answering questions, and thinking of new questions to explore.

LANGUAGE LAB:

The Professional Communication Lab enhances the interpretative and expressive skills of students in an intellectual environment that is stimulating and nurturing. It equips students with both a rigorous knowledge of the subject as well as critical and analytical ability. The English language program aims to help students develop the capacity for critical enquiry into various aspects of the study of language and acquire specialised knowledge about the structure, development and function of English.

OBJECTIVE:

- Digital language lab provides resources and facilities for language instruction and learning.
- It is interactive software-based multimedia learning system that is used for imparting effective language learning pace and convenience.
- It aims at mitigating stage fear, enthusing sensible talking to the public and rising a commanding and complete personality among the practitioners of English language.
- Drilling students to speak confidently with correct pronunciation.
- Students are trained according to the British accent.
- To instill a sense of confidence among the students.
- Improvement of soft skills.

SMART CLASSROOM:

Smart class with multimedia and other advance facilities to follow the new model curriculum of AICTE, including Projectors, sound system, e-podium etc. In the class various types of seminars and workshops are also conducted for students and faculty members in addition to interactive lecture sessions.

VIRTUAL CLASSROOM:

Virtual class with interaction-based multimedia devices and other advance facilities to follow the new model curriculum of AICTE, including Visualiser, Trainer tracking Camera, 2 way video conferencing, Big Screen Full HD LED TV, Projector, sound system, e-podium etc. In the class various types of seminars and workshops are conducted for students and faculty members in addition to interactive lecture sessions. In addition to this distance learning features are also available.

FACULTY & STAFF POSITIONS: SANCTIONED INTAKES & ACTUAL INTAKES

S.No	Faculty Name	Dept.	Designation
1	Prof. B.K.Tripthi	Computer Science	Director
2	Ms. Shagun Pandey	Civil Engineering	Asst. Prof.
3	Mr. Suneel Kumar	Electrical Engineering.	Asst. Prof.
4	Dr. Navneet Kumar	Electrical Engineering	Asst. Prof.
5	Ms. Archana Sharma	Electrical Engineering	Asst. Prof.
6	Mr. Vijay Pal Singh	Electrical Engineering	Asst. Prof.
7	Mr. Mohmmad Ahmad	Electrical Engineering	Asst. Prof.
8	Mr Jitendra Kumar Vashishtha	Electrical Engineering	Asst. Prof.
9	Mr. Abhishek Chauhan	Electrical Engineering	Asst. Prof.
10	Dr. Ishan Bhardwaj	Information Technology	Asst. Prof.
11	Mr Pushp Maheshwari	Information Technology	Asst. Prof.
12	Mr. Vivek Kumar Jaiswal	Information Technology	Asst. Prof.
13	Mr. Sudhir Goswami	Information Technology	Asst. Prof.
14	Mr. Santosh Kumar	Information Technology	Asst. Prof.
15	Dr. Subia Ambreen	ASH (Chemistry)	Asst. Prof.
16	Dr. Priyanka	ASH (Maths)	Asst. Prof.
17	Dr. Pravesh Kumar	ASH (Maths)	Asst. Prof.
18	Dr. Hemaunt Kumar	ASH (Physics)	Asst. Prof.
19	Dr Ashu Tomar	ASH (English)	Asst. Prof.
20	Mr. Paritosh Sharma	ASH (Mgmt.)	Asst. Prof.
21	Mr. Anil Kumar	Electrical Engineering.	Asst. Prof. /TEQIP
22	Mr. Mayank Kumar	Electrical Engineering.	Asst. Prof. /TEQIP
23	Mr Mukund Chand	Civil Engineering	Guest Faculty
24	Mr Nikhil Kumar	Civil Engineering	Guest Faculty
25	Mr Shrawan Kumar Yadav	Civil Engineering	Guest Faculty
26	Ms Megha Verma	Civil Engineering	Guest Faculty
27	Mr Rohitash Singh	Mechanical Engineering	Guest Faculty
28	Dr. Sanyam Sharma	Mechanical Engineering	Guest Faculty
29	Dr. Pradeep Kumar Yadav	Mechanical Engineering	Guest Faculty
30	Md. Salman Siddique	Information Technology	Guest Faculty
31	Mrs. Himanshi Agarwal	Information Technology	Guest Faculty
32	Mrs. Shalu Mall	Information Technology	Guest Faculty
33	Mr. Pushkar Nath Pandey	Information Technology	Guest Faculty
34	Mr. Sanjeev Raghav	Information Technology	Guest Faculty
35	Mr. Parvesh Kumar	Electrical Engineering	Guest Faculty
36	Mr. Ompal Singh	Electrical Engineering	Guest Faculty

GATE QUALIFIED STUDENTS DATA

Sl No.	Name of Students	Branch	Rank	Score
1	Tara Chand	Electrical Engineering	988	686
2	Akash Kumar	Electrical Engineering	5560	494
3	AMIT SINGH YADAV	Electrical Engineering	11655	383
4	Praveen Kumar Singh	Electrical engineering	11977	379
5	ABHISHEK SHAKYA	Electrical Engineering	16018	332
6	D Y REEVE	Electrical Engineering	20042	294
7	Rohit kumar	Electrical Engineering	11977	379
8	Rahul Kumar	Electrical Engineering	31601	213
9	Hind kumar	Electrical Engineering	13325	362
10	Shivam rawat	Civil Engineering	1902	675
11	Amod Kumar Maurya	Civil Engineering	6349	514
12	Trayambak Pathak	Civil Engineering	6573	508
13	Ankit Kumar Gupta	Civil Engineering	7623	484
14	Pradeep Kumar	Civil Engineering	22368	313
15	Shashi Shekhar	Civil Engineering	31314	260
16	Jaishree umarvaishya	Civil Engineering	13888	388
17	Manish Kumar	Civil Engineering	21574	317
18	Abhishek patel	Civil Engineering	13453	395
19	Rajesh Kumar Prajapati	Civil Engineering	11376	421
20	Sachin Kumar	Civil Engineering	14199	383
21	Satyam Singh yadav	Civil Engineering	21574	317
22	Vineet Kumar	Civil Engineering	34178	246
23	sailendra kumar	Information Technology	3090	539
24	SHUBHAM YADAV	Information Technology	3521	523
25	Vishal Gupta	Information Technology	5860	457
26	Satwik Singh Aswal	Information Technology	6046	453
27	Sweta patel	Information Technology	6650	441
28	Rashi Jaiswal	Information Technology	7326	430
29	Chhavi Chaudhary	Information Technology	8537	410
30	Rishika Singh	Information Technology	11966	367
31	Kumar Saurabh	Information Technology	21544	294
32	Shelly Raotay	Information Technology	26448	266
33	Utkarsh Singh	Information Technology	30535	247

CAMPUS PLACEMENT DATA

COMPANY WISE STUDENT SELECTION LIST OF REC, BIJNOR (735) SESSION-2019-20

Company Name:WIPRO Limited						
Sr.NO	ROLL NO	Student Name	Branch			
1	1673513030	RASHI JAISWAL	IT			
2	1773513907	SAURABH KUMAR VERMA	IT			
3	1673513050	SWETA PATEL	IT			
4	1673513051	UTKARSH SINGH	IT			
5	1673513036	SAILENDRA KUMAR	IT			
6	1673513056	VISHAL VISHWAKARMA	IT			
Company Name:TATA CONSULTANCY SERVICES(TCS)						
Sr.No	ROLL NO	STUDENT NAME	Branch			
1	1673513004	Aaditya Gupta	IT			
2	1673513056	Vishal Vishwakarma	IT			
Company Name: Infosys						
Sr.No.	ROLL NO	STUDENT NAME	Branch			
1	1673513014	AYUSHI SAINI	IT			
2	1673513054	VIKAS KUSHWAHA	IT			
3	1673513049	SUDHANSHU SINGH	IT			
Company Name: Capegemini Technology Services India Limited						
Sr.No.	ROLL NO	STUDENT NAME	Branch			
1	1673513047	SHUBHAM YADAV	IT			
Company Name: NIIT Technologies						
Sr.No	ROLL NO	STUDENT NAME	Branch			
1	1673513055	VISHAL GUPTA	IT			
Company Name:NTT DATA						
Sr. No	ROLL NO	STUDENT NAME	Branch			
1	1673513030	RASHI JAISWAL	IT			
2	1673513037	SAILENDRA KUMAR	IT			
Company Name:I3 Info soft Pvt.Ltd						

Sr.No	ROLL NO	STUDENT NAME	Branch			
1	1673513001	ABHAY MANDAL	IT			
2	1673513002	ABHINAV SAGAR	IT			
3	1673520014	ARJUN SINGH	EE			
4	1673513019	HARSH SUDHANSHU	IT			
5	1673500054	VIBHA SINGH	CE			
6	1673500048	SHUBAHM SINGH	CE			
7	1673513057	VIVEK KUMAR SINGH	IT			
8	1673513026	RAJAT GUPTA	IT			
9	1773513912	VIKASH KUMAR	IT			
10	1673513024	NISHANT SINGH	IT			
11	1673513041	SHIVAM BHARTI	IT			
12	1673513051	UTKARSH SINGH	IT			
13	1673520039	ROHIT KUMAR	EE			
14	1673520027	LOV KUMAR SINGH	EE			
15	1673500044	SHIVAM PRATAP SINGH	CE			
16	1673520035	RAHUL KUMAR	EE			
17	1673520023	D Y REEVE	EE			
18	1673513036	SAILENDRA KUMAR	IT			
19	1673513004	ADITYA GUPTA	IT			
20	1673513050	SWETA PATEL	IT			
21	1673500024	KAPIL KUMAR	CE			
22	1673500016	DEEPAK KUMAR	CE			
23	1673520008	AKASH KUMAR	EE			
24	1673520018	ASWANI KUMAR SINGH	EE			
25	1673520003	ABHISHEK ARYA	EE			
26	1673520059	VIVEK KUMAR VERMA	EE			
27	1673520026	LEKHRAJ SINGH	EE			
28	1673520010	AKSHAY PRATAP	EE			
29	1673513039	SATWIK SINGH ASWAL	IT			
30	1673520033	PRATEEK KUMAR UPADHAYAY	EE			
31	1673513017	DEEPAK KUMAR RANJAN	IT			
32	1673520041	ROHIT YADAV	EE			
33	1673513010	ANKUR	IT			
34	1673520028	MAHABOOB ALAM	EE			
35	1673500009	ANURAG KUMAR	CE			
36	1673513040	SHELLY RAOTAY	IT			
37	1673513033	RITU DWIVEDI	IT			
38	1673513054	VIKAS KUSHWAHA	IT			
39	1773513908	SAURABH UPADHAYAY	IT			
40	1773513907	SAURABH KUMAR VERMA	IT			
41	1773500908	RAHUL KUMAR MALWA	CE			
42	1673520011	AMIT SINGH YADAV	EE			
43	1673513014	AYUSHI SAINI	IT			
Company Name:CINIF Technologies Pvt.Ltd.						
Sr.NO	ROLL NO	STUDENT NAME	Branch			
1	1673520038	ROHIT KUMAR	EE			

2	1673520015	ARUN KUMAR YADAV	EE			
3	1673520056	VIKAS KUMAR MAURYA	EE			
4	1673513049	SUDHANSHU SINGH	IT			
5	1773513906	SANDEEP KUMAR MISHRA	IT			
6	1673513030	RASHI JAISWAL	IT			
7	1673513010	ANKUR	IT			
8	1673520032	PARAS SINGH	EE			
9	1673520003	ANURAG KUMAR	CE			
10	1673520010	AKSHAY PRATAP	EE			
11	1773513908	SAURABH UPADHAYAY	IT			
12	1773520904	HIMANSHU KUMAR	EE			
13	1773520905	MANJEET SINGH	EE			
14	1673500044	SHIVAM PRATAP SINGH	CE			
15	1673500014	BHARAT SINGH	CE			
16	1673520023	D Y REEVE	EE			
17	1773513902	AMAN BANSAL	IT			
18	167352008	AKASH KUMAR	EE			
19	1673520011	AMIT SINGH YADAV	EE			
20	1673520003	ABHISHEK ARYA	EE			
21	1673520059	VIVEK KUMAR VERMA	EE			
22	1673520024	FIDA E ZOHRA	EE			
23	1773513902	UTKARSH SINGH	IT			
24	1673520058	VIVEK KUMAR	EE			
25	1673520035	RAHUL KUMAR	EE			
26	1673500017	DEEPAK KUMAR	CE			
27	1673500022	JAISHREE UMARVAISHYA	CE			
28	1673500024	KAPIL KUMAR	CE			
29	1673500035	PRAKAHR SHEKHAR	CE			
30	1673513015	CHANDRA PRAKASH SINGH	IT			
Company Name:SS Teleservices Pv.Ltd.						
Sr.No.	ROLL NO	STUDENT NAME	Branch			
1	1673513004	ADITYA GUPTA	IT			
2	1673520023	D Y REEVE	EE			
3	1673520032	PARAS SINGH	EE			
4	1673520011	AMIT SINGH YADAV	EE			
5	1673520036	RAKESH SONAKR	EE			
6	1673520027	LOV KUMAR SINGH	EE			
Company Name:DXC Technology						
Sr.No	ROLL NO	STUDENT NAME	Branch			
1	1773513904	PRATIBHA SHARMA	IT			
2	1673513033	RITU DIWEDI	IT			

START-UPS AND INNOVATIONS

The Start-Up Cell of REC Bijnor has been established with the objective of creating, fostering and promoting the spirit of entrepreneurship among the students. It plays a vital role to provide the practical exposure to the students by providing them hands-on-experience. Such initiatives lead towards market expansion and job creation.

The focus of Cell is to motivate students to work on their innovative ideas and to participate in various competitions. The Cell also focuses on organising guest lectures, workshops and trainings for the students & is committed to build a strong platform for the budding entrepreneurs. The vision is to guide the students to take entrepreneurship as a career, as a path to success, as a journey of wisdom.

A team of faculty members is dedicated for the smooth functioning of the Start-Up Cell. Faculty members also focus on attending various training programs related to entrepreneurship and Start-Up activities & guide the students to work on their innovative ideas.

Institution's Innovation Council (IIC 2.0)

Position	**Name**	**Email**	**Department**
President	ANIL KUMAR	anil.agrahari12@gmail.com	Electrical Engineering
Convener	Dr. PARITOSH SHARMA	paritosh31@gmail.com	Applied Science & Humanities
Start-up Activity Coordinator	SUNEEL KUMAR	suneelkm17@gmail.com	Electrical Engineering
ARIIA Coordinator	PARUL KASHYAP	parulkashyap2@gmail.com	Electrical Engineering
NIRF Coordinator	DR. ASHU TOMAR	ashu.tomar24@gmail.com	Applied Science & Humanities
Member	VIJAY PAL SINGH	vjplsngh269@gmail.com	Electrical Engineering

Member	JITENDRA KUMAR VASHISHTHA	calljkv1980@rediffmail.com	Electrical Engineering
Member	Dr. PRAVESH KUMAR	pkumarrecb@gmail.com	Applied Science & Humanities
Member	Dr. MOHMMAD AHMAD	ahmadbtech@gmail.com	Electrical Engineering
Member	PARVESH KUMAR	parvesh9675@gmail.com	Electrical Engineering
Innovation Activity Coordinator	MAYANK KUMAR	mkrajj9@gmail.com	Electrical Engineering
Internship Activity Coordinator	VIVEK KUMAR JAISWAL	vivekrecb@gmail.com	Information Technology
IPR Activity Coordinator	ISHAN BHARDWAJ	dr.ishanbhardwaj@gmail.com	Information Technology
Social Media Coordinator	SUDHIR GOSWAMI	sudhirgoswami@yahoo.co.in	Information Technology
Member	SANTOSH KUMAR	santosh.recb@gmail.com	Information Technology

SC/ST CELL

Rajkiya Engineering College Bijnor (Formerly Dr. Bhim Rao Ambedkar Engineering College of Information Technology, Bijnor) was started by Government of Uttar Pradesh, Department of Technical Education under Special Component Plan (SCP) the promotion of technical education into the socially and economically weaker section of the society. In view of which the college formed the SC/ST cell.

The main aim of the Cell is to monitor the guidelines issued by the AICTE from time to time, based on the policies of the Government of India and the Government of Uttar Pradesh related to the reservation of seats for SC/ST in the college admissions to students in various courses of studies, accommodation in the hostels, appointments to the teaching and non-teaching posts and allotment of quarters.

The following Committee is hereby constituted by REC Bijnor for SC/ST as per AICTE norms:-

S.No.	**Name**	**Designation**	**Position**
1.	Shri Naresh Kumar	Registrar	Chairman
2.	Er. Vijay Pal Singh	Assistant Prof.	Member
3.	Er. Santosh Kumar	Assistant Prof.	Member

GRIEVANCE REDRESSAL

The SC/ST students and Employees can approach the Cell for redress any of their grievance(s) regarding academic, administrative or social problems. If any complaint is received related to them then answer from concerned department will be asked. The Cell often meets the concerned students, staff and officers to understand their problem and takes necessary action and/or render them necessary advice/help to resolve the matter.

ACTIVITIES OF SC/ST CELL

1. Implementation of the various policies and programs launched by the State Government and the AICTE for the benefit of the SC/ST students.
2. Announce details of government scholarships and fellowships through circulars to the SC/ST students.
3. Accommodation of men and women students in hostels.
4. Implementation of the rules of reservation in appointments as well as in the allotment of quarters to SC/ST employees.
5. The SC/ST Cell provides guidance to various College Committees in respect of promotions/recruitment for the latest rule position concerning SC/ST reservations.

WOMEN CELL

Rajkiya Engineering College Bijnor has established Women Cell in the college campus for the female faculty, staff and girl students, to improve understanding of issues allied to women; and to create safe and healthy environment in the college campus for them. It offers a platform for female staff and students to nurture at intellectual and social level.

OBJECTIVES:

- To resolve issues related to women's sexual harassment.
- To enhance attentiveness amongst students and staff about the problems faced by women of all strata due to gender issues.
- To generate an environment of gender justice where men and women work together with a sense of personal security and dignity.
- To create awareness about rights and laws associated to women.
- To develop critical thinking ability of women students.
- To provide a platform for listening to complaints and redressal of grievances.

WOMEN CELL COMMITTEE

S.No	**Name**	**Designation**
1	Dr. Subia Ambreen	Chairperson
2	Dr. Ashu Tomar	Member
3	Dr. Archana Sharma	Member