



100 YEARS
1921 - 2021
Centenary Year

ANNUAL PROGRESS REPORT (2020-21)



**HARCOURT BUTLER TECHNICAL UNIVERSITY
NAWABGANJ, KANPUR-208002**

ANNUAL PROGRESS REPORT FOR ACADEMIC YEAR 2020-21

1. UNIVERSITY'S BASIC INFORMATION

Harcourt Butler Technical University (HBTU), Kanpur has been established in Year 2016 by the Government of Uttar Pradesh with a view for making it a leading Residential Technical University to become a Centre of Excellence with focus on Research and Development and Incubation in the field of Engineering, Technology, Basic & Applied Sciences, humanities, Social Science & Management, Architecture and other professional courses. HBTU aims to promote studies, research & innovation in engineering areas of higher education, to enhance skill development through continuing education programmes & knowledge and to achieve excellence in higher technical education.

On academic front, the University is running four schools with thirteen undergraduate programmes in Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics Engineering, Information Technology, Leather Technology, Mechanical Engineering, Biochemical Engineering, Food Technology, Oil Technology, Paint Technology and Plastic Technology along with MCA, full time & part time M.Tech. programme in various disciplines and going to start full time Ph.D. programme in number of disciplines as part of Quality Improvement Programme of MHRD and TEQIP-III. In view of the emerging need of the time, the university is planning to start number of programmes at undergraduate and postgraduate level in the near future.

The University provides a congenial environment for the holistic growth and all round development of the students such that they become globally acceptable personalities with communication skills, proper attitudes, aptitudes, problem solving capabilities and to work as a team. Presently HBTU, Kanpur is a residential technical university fully financed by UP Government. Till August 2016, HBTI remained to be the first choice of the candidates qualifying UP State Entrance Examination (UPSEEE), among all government and private technical institutions of the state. After becoming university, students are admitted through JEE (Mains) in B. Tech. programme, NIMCET in MCA and through GATE/NET in M.Tech./Ph.D. programme.

HBTU (Formerly HBTI) has received aid from the World Bank (TEQIP-I & II) for various equipment, maintenance and repair of old laboratory equipment, funding for research and lectures attended by faculty in foreign universities and aim towards community development and overall growth. The faculty members have contributed large numbers of research papers in Indian as well as International journals. Besides, many R&D schemes sponsored by DST, UGC, ICAR, DRDO, UPCST, CSIR, DAE, ICMR, DOE and ministry of civil supplied have been successfully completed.

2. VISION & MISSION

Vision

“To become the leader of innovation in the field of technological developments, capable of producing quality engineers & technologists compatible with global standard to deliver the benefits of developed technologies to the society.”

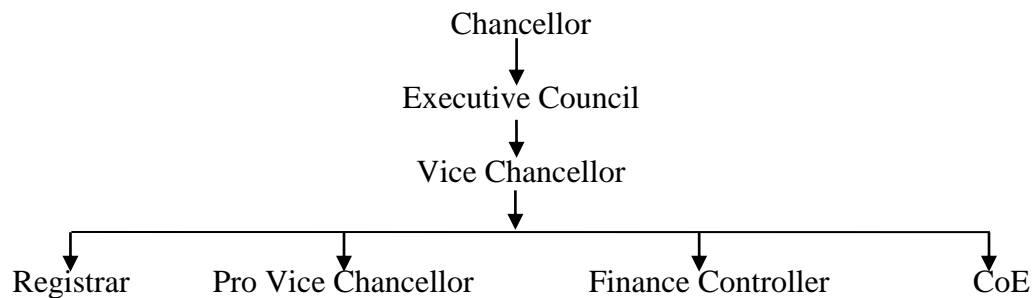
Mission

“To create an environment conducive to provide opportunities to the budding engineers, technologists researchers & practicing engineers of industries, for fusion of their ideas in developing areas of technology, so that society could be benefitted at vast level.”

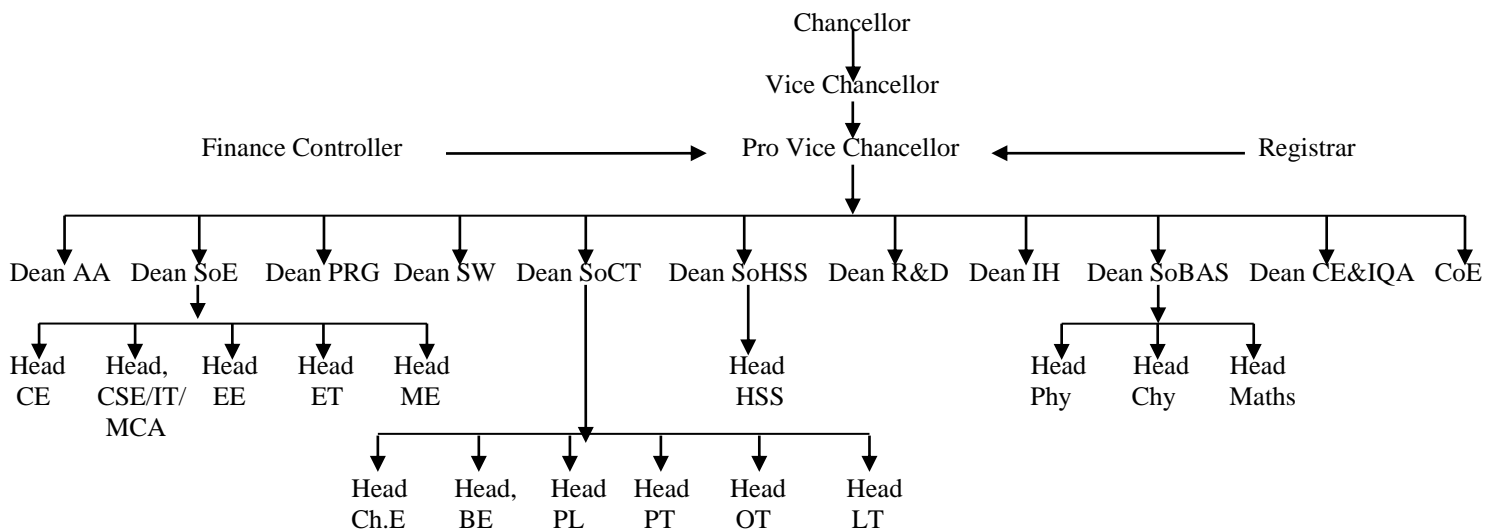
3. INFORMATION REGARDING ACADEMIC AUTONOMY

Our Institute was affiliated to Kanpur University till 2001. Once Uttar Pradesh Technical University, Lucknow came into being, affiliation was transferred to it in 2001. HBTI, Kanpur was granted academic autonomy by UGC in 2008. It was upgraded as Harcourt Butler Technical University on September 01, 2016 by Govt. notification no. 5869(2)/LX/XIX-V-1, 16 (Ka)-10-2016 dated Lucknow April 07, 2016 (UP Act no. 11 of 2016). HBTU Kanpur is a residential University.

4. GOVERNANCE STRUCTURE



5. ORGANIZATION STRUCTURE



6. ACADEMIC CALENDAR

1st B.Tech. 1st M.Tech., 1st MCA, 1st M.B.A., 1st M.Sc. & 1st PhD Students		
Odd / Even Semester 2020-21		
S. No.	Activity	Duration
1.	Commencement of classes for Odd semester 2020 - 2021	Dec.12, 2020 (Sat)
2.	Arrival & Commencement of Offline Classes for I M.Tech	Jan. 25, 2021 (Mon)
3.	Mid semester examination (MSE)	Feb. 22-24, 2021 (Mon - Wed)
4.	Last date of display and submission of MSE marks	Mar. 02, 2021 (Tue)
5.	Online submission of examination forms (including carry over exam forms) for all students	Apr. 03-05, 2021 (Sat- Mon)
6.	Last date of odd semester teaching	Apr. 10, 2021 (Sat)
7.	End semester examination (ESE)	Apr. 12-16, 2021 (Mon - Fri)
8.	Last date of display and submission of ESE marks	Apr. 23, 2021 (Fri)
9.	Commencement of classes Even Semester 2020-21	May 01, 2021 (Sat)
10.	Mid semester examination (MSE)	July 27-29, 2021 (Tue - Thurs.)
11.	Last date of display and submission of MSE marks	Aug. 05, 2021 (Thurs.)
12.	Online submission of examination forms	Aug. 17-20, 2021 (Tue - Fri)
13.	Last date of even semester teaching	Aug. 31, 2021 (Tue)
14.	End semester examination (ESE)	Sept. 03-10, 2021 (Mon - Fri)
15.	Last date of display and submission of ESE marks	Sept. 15, 2021 (Wed)

B.Tech. (2nd, 3rd & 4th), 2nd M.Tech., 2nd & 3rd MCA, 2nd & 3rd PhD Students		
Even Semester 2020-21		
S. No.	Activity	Duration
1.	Online Registration Even Semester	Jan. 15-22, 2021 (Fri-Fri)
2.	Arrival & Commencement of Offline Classes for II M.Tech, III MCA & II, III PhD.	Jan. 18, 2021 (Mon)
3.	Arrival & Commencement of Offline Classes for II MCA	Jan. 25, 2021 (Mon)
4.	Commencement of Online Classes for II, III & IV B.Tech	Jan. 25, 2021 (Mon)
5.	Arrival & Commencement of Offline Classes for IV B.Tech.	Feb. 01, 2021 (Mon)
6.	Arrival & Commencement of Offline Classes for III B.Tech.	Feb. 04, 2021 (Thu)
7.	Arrival & Commencement of Offline Classes for II B.Tech.	Feb. 08, 2021 (Mon)
8.	Mid-semester examination (MSE)	Mar. 15-17, 2021 (Mon - Wed)
9.	Last date of display and submission of MSE marks	Mar. 24, 2021 (Wed)
10.	Online submission of examination forms (including carry over exam forms) for all students	Apr. 10-12, 2021 (Sat- Mon)
11.	Last date of even semester teaching	Apr. 30, 2021 (Fri)
12.	End semester examination (ESE)	May 14-25, 2021 (Fri -Tue)
13.	Last date of display and submission of ESE marks	May 29, 2021 (Sat)
14.	Summer vacation for students	May 30, 2021- July 25, 2021 (Sun-Sun)
15.	Slot for summer internship	May 30, 2021- July 25, 2021 (Sun-Sun)

7. INFRASTRUCTURE

(A) Academic:

A (i) Teaching Learning Resources

- Time bound academic calendar is followed.
- Fair and transparent system of examination and evaluation of the university supports quality student learning and efforts are regularly made to reduce any anomaly in a proactive manner.
- Mandatory Induction Training Program for fresh B. Tech. entrants
- Course curriculum has been revised as per the AICTE model curriculum.
- Board of Studies (BoS) of all departments had taken up the task of revising the syllabus.
- Formation of Industry Consultation Committees (ICC) for sharing with BOS(s) regarding industry needs and expectations.
- New ordinances being fully rolled out in the new session.
- Specialized training has been provided for First year B.Tech. students during summer vacations.
- Free coaching for GATE aspirant students
- Up-gradation of class rooms to smart class rooms and development of laboratory from TEQIP III grant.
- Publication of research work in quality journals has been made compulsory both at M. Tech. and Ph.D. program.
- To promote the originality of the research work, provision of inclusion of originality report generated from the anti-plagiarism has been made compulsory at the time of thesis submission of M. Tech. and Ph.D. degree.
- There are centralized 52 Class rooms, 02 E-class rooms and 03 drawing hall in the University. Two new buildings for department of Chemical Engineering and Electronics Engineering are ready and soon will be handed over for use.

A (ii) Library

Tagore Central Library of HBTU Kanpur is equipped with automation software Libsys i.e. LSPremia (web centric system) since 2008. The library has a rich and rare collection of more than one Lakh hard bound books and 843 e-books which includes Text Books, Reference Books, such as Encyclopedia, Dictionary, Hand Books and Periodical related to Engineering, Technology, Management, Basic Sciences, Literature and miscellaneous subjects. Central Library of HBTU provides Open Access Facility to students with reading room facility. Presently 52000 online journals (e-journals) on J-Gate are also being subscribed in the Central Library. Library has regular subscription for e –journals, e-books, e-ShodhSindhu, Shodhganga, Databases. Central Library remains open from 9:30 am to 5:00 pm daily and from 10:00 am to 1:30 pm on all Saturdays and Sundays except National, Gazetted and Local Holidays.

A (iii) Computer Centre

Computer Centre caters to the computing needs of the faculty members, staff members and students for their research and teaching. It has a number of state of the art servers, high end Linux and Windows Laboratories and application software. Computer Centre supports University wide 100Mbps (1:1) fiber optic network that connects all the academic departments, library, hostels, residences and other central facilities to the Computer Centre. Internet access is provided through a 100 Mbps dedicated Internet link. All advanced systems are equipped with 10/100/1000 Mbps Ethernet cards. EXTREME Core switch is acting as back bone switch and protected by FortiGate UTM. It is a tree topology network. Fiber backbone and Internet are connected through UTM. It has sufficient power backup.

(B) Residential:

The University is spread across two campuses – East Campus (77 acres) and West Campus (271 acres) situated approximately 3.5 Kilometers apart.

• East Campus

East Campus of the university is located near Chandra Shekhar Azad University of Agriculture and Technology. It houses mainly administrative and academic department buildings, auditorium and other facilities. All Four Girls hostels and three Boys' hostels for first year students are situated in this campus along with a limited number of residential quarters for officers, Faculty members and staff of the university. East campus of the university has a separate 33 KV sub station for uninterrupted power supply. Distribution of residential quarters as below:

Sl. No.	Type of Building (Residential)	Nos.	Plinth Area		Plinth Area of Each Qtr. (In Sq. m.)
			In Sq. ft.	In. Sq. m.	
1.	Type-IV Qtrs. (Old Soda Factory)	02	3832.00	178.00	178.00
2.	Type-IV/D Qtrs.	08	15322.00	1452.00	178.0

3.	Type-III Qtrs. (Old Soda Factory)	02	1238.00	115.06	57.53
4.	Type-II Qtrs. (Old Soda Factory)	01	538.00	50.00	50.00
5.	Type-I (Servant Qtrs.)	20	6400.00	595.00	30.00
6.	Type-I Qtrs.	36	13284.00	1235.00	34.00
7.	Type-I Qtrs. (Guest House)	04	1464.00	136.00	34.00

- **West Campus**

The West campus of the university is mainly a residential campus for Faculty members and Staff. All the hostels meant for senior boys are situated in this campus. Distribution of residential quarters as below:

Sl. No.	Type of Building (Residential)	Nos	Plinth Area		Plinth Area of Each Qtr. (In Sq. m.)
			In Sq. ft.	In. Sq. m.	
1.	Type-IV/D Qtrs.	48	92450.00	8598.00	179.00
2.	Type-IV/T Qtrs.	06	11265.00	1048.00	175.00
3.	Type-IV/S Qtrs.	08	15322.00	1425.00	178.00
4.	Type-III Qtrs.	22	18700.00	1739.00	79.00
5.	Type-II Qtrs.	44	19626.00	1825.00	57.00
6.	Type-I Qtrs. (Convert into Type-II)	10	7382.00	687.00	69.00
7.	Type-I Qtrs.	103	38014.00	3535.00	34.00

(C) Hostels:

The main (East) campus of the university, located near CSA University of Agriculture & Technology houses administrative and instructional buildings. In addition, it has two hostels for boys namely, the LV Hostel Old and New and six hostels for girls viz. GH-I, II, III, IV, V & VI. It also has some residential quarters. The West Campus of the institute located on the road connecting Kanpur Zoo and GT Road houses seven boys hostels namely, WCH-I, II, III, IV and Dr. B.R. Ambedkar hostel-I, & II as well as one PG Hostel under construction. In addition, the West Campus also has residential quarters for most faculty and staff of the university.

At present the total number of 1385 boys (in 08 hostels) and 669 girls (in 06 hostels) may get university accommodation. The details of number of seats available in each hostel are given below:

- **Girls Hostels**

S. No.	Name	Type	Capacity
1.	Alaknanda Hostel (GH-I)	Triple seated	105 seats
2.	Mandakini Hostel (GH-II)	Triple seated	105 seats
3.	Gangotri Hostel (GH-III)	Triple seated	105 seats
4.	Bhagirathi Hostel (GH-IV)	Single seated	118 seats
5.	Yamuna Hostel (GH-V)	Single seated	200 seats
6.	Saraswati Hostel (GH-VI)	Single seated	36 seats

- **Boys Hostels**

S. No.	Name	Type	Capacity
1.	Sridharachjarya Hostel (LV-Old)	Double/ Triple seated	133 seats
2.	Shri Ramanujan Hostel (LV-new)	Double/ Triple seated	200 seats
3.	Abdul Kalam Hostel (WCH-I)	Single seated	180 seats
4.	Vishweshwaraya Hostel (WCH-II)	Triple seated	162 seats
5.	Raman Hostel (WCH-III)	Single seated	180 seats
6.	Vishwakarma Hostel (WCH-IV)	Single/ Triple seated	320 seats
7.	Ambedkar Hostel (D.B.R.A-I)	Triple seated	105 seats
8.	Aryabhata Hostel (D.B.R.A.-II)	Triple seated	105 seats

(D) Facilities for Sports and Cultural activities

- The University is committed for overall personality development of the students. The University Students Activity Council (USAC) activities are aimed at grooming extra-curricular skills of the students.

- There are 8 Students' Sub Councils namely NSS Sub-Council, Photography Sub-Council, Literary Sub-Council, Hobby Sub-Council, Sports Sub-Council, Yoga Sub-Council, Cultural Sub-Council, and NCC Sub-Council.
- These councils used to organize various co-curricular and extra-curricular activities throughout the year.
- For organization of various cultural and literary activities the University has one auditorium in the East Campus and one Multi-purpose Hall (Shatabdi Bhawan) in the West Campus. One more auditorium in the East Campus is likely to be handed over.
- University has adequate facilities for the games (indoor and outdoor) and sports facilities including Cricket Ground, Basketball Courts, Volleyball Court, Football Ground, Badminton Courts, Lawn Tennis Courts, Table Tennis Hall, etc.
- In addition, a Gymnasium with well equipped modern facilities is also developed in the West Campus of the University.

(E) General campus facilities and overall ambience

- The University is spread across 350 acre area in two campuses - East Campus (77 acres) and West Campus (271 Acres).
- There are 6 girls' hostels and 9 boy's hostel with total capacity of 674 girls and 1592 boys. The hostels are having common rooms outdoor and indoor games and mess facilities.
- The East Campus mainly houses administrative and academic departments, auditorium and other Central facilities like Tagore Central Library, Central Workshop, Cafeteria, Canteen, Football ground, Badminton court, Lawn Tennis Court, Basketball court for girls, 32/11 KVA Power Sub Station with electrical transmission lines which ensure efficient transmission of power and minimize the power losses.
- Branch of Central Bank of India along with ATM, Dispensary with Medical Officer and Para Medical Staff, Guest house having 02 VIP Suites, 08 Double Bed Rooms, Conference Hall, Lounge and Dining Hall, Lush Green Lawns, Centenary Pillar for Time Capsule Celebrating 100th (Centenary Year) 1921-2022. All 06 Girls' Hostels and 02 Boys' Hostels (for I Year students) and few residences for Officers and Staff of the University are also located in the East Campus.
- West Campus of the University is mainly a residential campus for Faculty, Staff and Students.
- It houses 04 Boys Hostels which have independent power back-up through generators.
- The University Sports Ground having a National standard cricket pitch and B.C.C.I. approved pitch and ground roller for National level/ Inter University level cricket matches.

- Fully Air Conditioned Gymnasium, Flood light Basketball and Volleyball Courts, SBI ATM, Post Office, Health Centre, Community Centre and Multi-purpose hall named Shatabdi Bhawan (Central Air Conditioned) having one VIP Lounge and Conference Hall.

8. DEPARTMENT'S PROFILE WITH INFRASTRUCTURE & FACILITIES

8.1 School of Basic and Applied Sciences

8.1.1 Chemistry Department

The department of Chemistry is one of the oldest departments of HBTU, Kanpur established in 1924. The department has formulated a dynamic and relevant curriculum for UG program being run in the institute, and possesses an excellent infrastructure. The basic aim of this department is to introduce new combination of theoretical studies, technologies in industrial applications and research oriented activities. To carry out research in cutting edge areas, both of basic and applied nature, at par with international standards the Ph.D. Students are educated and trained to become world class scientists. The department is globally recognized for its outstanding research in Polymer Science, Solar Energy Conversion and Storage, Chemical Kinetics, Synthesis and Biological Evaluation, Water Treatment, Coordination Chemistry and Molecular Spectroscopy. In order to meet the demand of skilled manpower in the emerging areas of Chemistry, the department has suitable infrastructure supported by modern equipment's to train the students. The department has procured various sophisticated analytical instruments through TEQIP, Phase-II. The department has also planned to start postgraduate programmes like M.Sc.in Chemistry and M.Sc. in industrial Chemistry in the coming years.

The department imparts education in Physical, Organic, Analytical and Industrial Chemistry at U.G and Ph.D. level. The department has excellent research outputs that are comparable to any High profile academic institution. The department has completed several research programs/schemes sponsored by the National funding agencies like UGC, CSIR, DST, ICAR, UPGAST, INSA, AICTE etc. The qualified and depicted faculty of this department have written books on various field of Chemistry and has published good number of research papers in National and International (around 450) journals of repute. The department has also organized a number of National and International conferences and seminars. The department also imparts testing and consultancy facilities to the industries of Kanpur and nearby areas to improve the quality of their products. The main strength of the department has been research and development for last nine decades.

Laboratories of Chemistry department

- 03 UG Lab
- 04 Research Lab
- 01 Analytical Lab

List of faculty members

1. Dr. Chhagan Lal Gehlot, Professor & Head
2. Dr. Sudhir Kumar Gupta, Assistant Professor (Contractual)
3. Dr. Minakshi Garg, Assistant Professor (Contractual)

4. Dr. P S Niranjana, Assistant Professor (Contractual)
5. Dr. Parul Dohre, Assistant Professor (Contractual)

8.1.2 Mathematics Department

The Department of mathematics has been developed at HBTU Kanpur for teaching engineering students at undergraduate and postgraduate level and research in Applied and interdisciplinary areas. The faculty of the department is actively engaged in research in emerging thrust areas viz. mathematical modeling, ecological and environmental systems, mathematical biology, biomechanics, fluid mechanics of the eye and cerebrospinal fluid, blood flow dynamics, etc. Facilities for interdepartmental and interdisciplinary research activities have also been evolved. The Department is well equipped with computing and internet facilities. A number of research schemes sponsored by different organizations like CSIR, CST UP, UGC, DST, and ICMR have been completed. Also, various conferences, seminars, workshops, summer and winter schools have been organized by the department. Apart from this, the faculty members of the department also regularly visit to deliver lectures in conferences and seminars outside. Nearly 61 students have been awarded Ph.D. degrees under the supervision of departmental faculty members. The department plans to start master's programme in Mathematics.

List of faculty members

1. Dr. Rekha Bali, Professor
2. Dr. Ram Autar, Professor
3. Dr. Ram Naresh, Professor
4. Dr. S.U. Siddiqui, Professor
5. Dr. Swati Mishra, Assistant Professor (Contractual)
6. Dr. Pratibha Mishra, Assistant Professor (Contractual)
7. Dr. Raghwendra Singh, Assistant Professor (NPIU)
8. Dr. Shashi Kant, Assistant Professor (NPIU)
9. Mr. Pradeep Kumar, Assistant Professor (Contractual)
10. Ms. Anuradha Singh, Assistant Professor (Contractual)

8.1.3 Physics Department

Department of Physics imparts physics teaching to undergraduate students of this university. This department has taught several courses like Physics-I, Physics-II, Material Science and Engineering Materials as well as Material Science in recent past. Presently it is delivering Engineering Physics course to all branches of B. Tech. (First year Engineering and Chemical Technology students). In addition, this department is also teaching Solid State Physics to B. Tech. (Second Year, Electronics Engineering Branch students). This department has been pioneer in research for more than last 35 years and produced more than 55 Ph.D. students. Most of these are now at reputed positions at various universities of India and abroad. This department has also published more than 550 research papers and undertaken several research projects from CSIR, UGC, DST etc. The department plans to start PG programme (M.Sc. Physics) with specialization in Condensed Matter Physics in future. Physics department of the University is well equipped with research facilities; such as Thin Film Evaporation unit,

LCR Meter (Digital), Vacuum Sealing unit. High Temperature Furnaces, Photoconductivity Set-up, High Field Conductivity Set-up etc. The university provides an opportunity for doing Ph.D. to those students who have completed M.Sc. in Condensed Matter Physics.

Laboratories of Physics department

- UG Lab I
- UG Lab II
- UG Lab III
- Research Lab

List of faculty members

1. Dr. R.K. Shukla, Professor
2. Dr. S. K. Sharma, Associate Professor
3. Dr. Suresh Kumar Sharma, Guest Faculty

8.2 School of Chemical Technology

8.2.1 Bio-Chemical Engineering Department

The department of Biochemical Engineering came into its independent existence as a separate department with inception of Harcourt Butler Technical University (earlier known as H. B. T. I.) Kanpur in the month of September 2016. Earlier the department established in 1964 as twin department of Biochemical Engineering and Food Technology completed 52 glorious years of its journey.

The department is running four year full time undergraduate (B. Tech.) program and two year full time postgraduate (M. Tech.) program for award of B. Tech. and M. Tech. degree in Chemical Technology with specialization in Biochemical Engineering. In addition to this the department also offers admission to full time Ph.D. program. The laboratories of the department are well equipped with modern facilities to meet necessities of various programs and to acquaint the students with latest practices used in industries and research areas relevant to Biochemical Engineering and Biotechnology. The faculty of department is highly qualified and instrumental in enriching students with knowledge and skills that enables them to serve in industry and research organization. The department has been granted various projects with financial assistance approved by reputed organizations for example CST, DBT and World Bank (TEQIP-I and TEQIP-II). The department successfully organized number of national and international seminars, workshops, conferences and faculty development programs. Genesis is one of such program organized every year by the students of the department reflecting creativity and productivity of students. The department is also actively involved in testing and consultancy work.

The alumni of the department are highly placed in various industrial and other government and private organizations contributing their best in growth and development of nation and for benefit of society. The department has a clear vision in enhancement of its capabilities in future by updating faculty and students with latest technical know-how through modernization of laboratories and periodic review of syllabus.

Teaching learning facilities of Biochemical Engineering department

Class Rooms

- 01 Class room
- 01 Seminar room

Laboratories

- Under Graduate Lab
- Post Graduate Lab
- Food Biotechnology Lab
- Fermentation Lab

List of faculty members

1. Mr. Brajesh Singh, Associate Professor
2. Dr. Lalit Kumar Singh, Assistant Professor
3. Mr. Praveen Kumar Sachan, Assistant Professor (Contractual)
4. Mr. Shasikant, Assistant Professor (Contractual)
5. Dr. Dilip Kumar , Assistant Professor (Contractual)
6. Mr. Mohit Kumar Yadav, Assistant Professor (Contractual)

8.2.2 Chemical Engineering Department

The department of chemical engineering was established in 1954 to build up trained and versatile technical manpower to the growing chemical and allied industries. The department has highly qualified and experienced faculty members involved in research as well as teaching chemical engineering and chemical technology at B.Tech., M.Tech. and PhD level. The department strives to provide its students with facilities and environment that are conducive for creative and dynamic work. More than 7000 students have been exhaustively and thoroughly trained by the committed faculty and staff of the department. The basic understanding of chemical engineering education to many of these students has certainly provided the impetus, confidence and leadership capability to such a greater extent that our old students are found at the higher echelon of almost all the reputed organizations and institutions all over the world.

The department has built up a comprehensive research infrastructure with excellent facilities for carrying out teaching and research. Constant efforts are being made to maintain and enhance the high standards of this department with ranking among the best of chemical engineering departments of India. The department has run several research projects in technology, engineering and basic sciences, of which some were sponsored by institutions like UGC, CSIR, DST, BARC, ICAR, MHRD, UPCST and CIDA(Canada). The faculty has extensively contributed by writing books and publishing good number of research papers in national and international journals. The department has organized a number of national and international seminars, workshops and short term courses and training programs. The department is actively engaged in fostering new ideas in the field of chemical engineering education and is looking forward to a still better tomorrow.

Teaching learning facilities Chemical Engineering department

Class Rooms

- 01 Smart Class room
- 01 Committee room

Laboratories

- Fluid Mechanics Lab
- Mechanical Operation Lab
- Heat Transfer Operation Lab
- Mass Transfer Operation Lab

Computer Added Design Lab
Instrumentation and process Control Lab
Chemical Reaction Engineering Lab
Research Lab
UG/PG Lab
Modern Instrumentation Lab

List of faculty members

1. Dr. Rajesh Katiyar, Associate Professor
2. Dr. S. K. Gupta, Associate Professor
3. Dr. Ashwani Sood, Associate Professor
4. Dr. G. L. Devnani, Assistant Prof.
5. Mr. Jitendra Kumar, Assistant Prof.
6. Dr. A. K. Rathore, Assistant Prof.
7. Dr. Shailendra Kumar Pandey, Assistant Prof.
8. Dr. Deepak Yadav, Assistant Prof.
9. Mr. Pankaj Kumar Lodhi, Assistant Prof.
10. Dr. Rupali Jha, Assistant Prof.

8.2.3 Food Technology Department

Department of Food Technology was set up as a separate department under the aegis of School of Chemical Technology after the conversion of HBTI into HBTU in September 2016. Previously, it was called Department of Biochemical Engineering and Food Technology since it was formed by collaboration of two areas namely Biochemical Engineering and Food Technology, and was set up in 1964. Being one of the oldest departments of the University, it aims to produce man power with high quality scientific skills, broad understanding of fundamentals & innovations in the field of Science & Technology, immense knowledge in their areas of specialization, keen interest to stay updated with the technical developments in their specialized areas, ability to solve practical industrial problems and above all the capacity to learn continually and interact with multi-disciplinary groups.

The department is offering four year B. Tech and two year M. Tech programs in Food Technology along with a regular Ph.D program to support the students to develop skills and knowledge in their respective fields according to the present and future needs of society and industry. The department is having a team of distinguished faculty with immense knowledge and hands on experience in the field of research in food processing, food product development and food quality. They are grooming the young technocrats into promising professionals to have un- matched knowledge, wisdom and moral values. The rich pool of alumni has proved their mettle in various organizations including civil services, teaching, research & development and multinational companies.

The infrastructure and laboratory facilities are top-notch possessing equipments which used high through put techniques to provide research oriented work at par under one roof. An association of students and faculty exists to invigorate not only the organizational skills and soft skills but also the personality development of students which is reflected in the numerous activities organized by the students like-Fresher's welcome, Farewell function, National and State level Seminars and Workshops.

Various refresher courses and Faculty Development Programs are organized in view of social responsibility. This department has also organized community service camp and programs to provide training to common masses. Many sponsored projects funded by various central/state agencies like DST/DBT/MHRD/MoFPI/UPCST/AICTE/ TEQIP (World Bank) etc. have been undertaken and successfully completed. Alumni of the department are placed at high positions in government, industries and academic sectors in India and abroad. They are always willing to help the department and its students to further the collective mission. Department has now completed its glorious and successful fifty three years and will continue to achieve more and more in coming years.

Teaching learning facilities of Food Technology department

Class Rooms	Laboratories
02 Class room	Food Processing Lab (Central Workshop)
01 Digital Class room	Advance Research Lab
01 Seminar room	Food Processing Lab
	PG Lab
	UG Lab-I
	UG Lab-II

List of faculty members

1. Prof. Alak Kumar Singh, Professor
2. Dr.Vivek Kumar, Associate Professor
3. Dr.Anit Kumar, Assistant Professor
4. Mr.Sayyad Abdul, Assistant Professor
5. Mr.Alkahendra Kumar Singh, Assistant Professor (Contractual)
6. Mr.Ajit Kumar Singh, Assistant Professor (Contractual)
7. Mr.Dawal Asthana, Assistant Professor (Contractual)

8.2.4 Leather Technology Department

The department of Leather Technology was established in the year 1978, to meet the demand of skilled/trained manpower in the emerging areas of Leather Industry. The department has suitable infrastructure supported by equipments for Practical and Theoretical Teaching. The passed out students are serving the Leather Industry at reputed firms. The requirement of Technical manpower is increasing with the flourishing Leather Trade in Kanpur, Unnao, Jalandhar, New Delhi, Kolkata & Chennai etc. Our students gets in plant summer Training in different reputed firms like TATA, CLRI, BASF, STAHL, TFL, Balmer Lawrie etc. and Department conducts Seminars, Workshops etc. with the Industry. The emerging and flourishing Footwear Trade also offers exciting career to the students as also the Leather Products and Garment Manufacturing.

Teaching learning facilities of Leather Technology department

Class Rooms	Laboratories
03 Class room	Analytical Chemistry Lab
	Physical Testing Lab
	Microbiology Lab
	Leather Processing Lab

List of faculty members

1. Mr. Sumant Chatterjee, Associate Professor
2. Mr. Ram Singh, Assistant professor (Contractual)
3. Mr. Manish Kumar Saini, Assistant professor (Contractual)
4. Dr. Abhishek Kumar Lal, Assistant professor (Contractual)

8.2.5 Oil Technology Department

The Department of Oil Technology is the oldest department of HBTU (Formerly HBTI) Kanpur, established in 1921. The department offers B.Tech., M.Tech. and Ph.D. programmes. Since its inception in 1921, the Department has made great strides in the past. The department has highly qualified faculty having Ph.D. degree with good number of research publications in National and International journals of high repute. The faculty of the department frequently visits abroad regarding presentation of their research work in International Conferences. The department also maintains a close liaison with other National and International institutions and industries, and has accomplished several research and development projects in collaboration with them. Further, the department has successfully completed a number of research projects sponsored by National funding agencies viz. AICTE, DST, CSIR, UPCST etc. The department also conducted a prestigious Indo-Canadian partnership project in collaboration with University of Guelph, Canada. Besides this, Centre of Excellence on “Applied Research Training and Education in Lipid Science” has been established in the department under TEQIP-II (World Bank Project) in which a new state-of-the-art laboratory named, Advanced Surfactant Laboratory has been established. This laboratory is equipped with good number of modern sophisticated instruments viz. UV- Visible, FT-IR spectrophotometer, GC-MS, Atomic Bomb Calorimeter, DSC, TGA, Gloss meter, Safety Analyzer, Multi-fuel Analyzer, Surface Tensiometer, Rheometer etc. Apart from this, Knowledge Resource Center has also been established under Center of Excellence in which 20 desktop computers equipped with different software viz. MATLAB, Design Expert, STATISTICA and Origin Pro for strengthening R& D activities have been set-up. About five dozens of new books on thematic area of the Center are also available for the users. The Department has also signed MoU with a number of industries viz. M/s Ruchi Soya Industries Ltd., Mumbai, M/s FARELABS, Gurgaon, M/s Mineral Oil Corporation, Kanpur and M/s MILINDIA Ltd., Noida. The financial assistance/ scholarship is available to undergraduate students of Oil Technology from M/s Ruchi Soya Industries Ltd., Mumbai. The postgraduate students of Oil Technology are also having a provision of financial assistance / scholarship from M/s FARELABS, Gurgaon. In addition, a few numbers of Teaching & Research Assistantships/ Research-cum-Teaching Fellowships are available for Master's and Doctoral Programmes under TEQIP-II and Center of Excellence (CoE) as well as HBTU. The scenario of placement of students of the department is excellent, as almost all students get jobs through campus placement in the organizations of high repute. Besides this department is birth place of Oil Technologists' Association of India (OTAI). The zonal and head offices of OTAI are also functioning effectively in the department.

Teaching learning facilities of Oil Technology

Class Rooms

01 Knowledge resource center
1 Seminar Hall

Laboratories

Under Graduate Lab
Post Graduate lab

Instrumental Lab
Processing Lab
Advance Surfactant Lab

List of faculty members

1. Dr. V. K. Tyagi, Professor
2. Dr. P. K. S. Yadav, Associate Professor
3. Mr. Rajesh Km. Srivastava, Assistant Professor (Contractual)
4. Mr. H. S. Sharma, Assistant Professor (Contractual)
5. Mr. S. S. Raghav, Assistant Professor (Contractual)
6. Mr. D. N. Tewari, Assistant Professor (Contractual)
7. Dr. Vivek Kumar, Assistant Professor (Contractual)

8.2.6 Paint Technology Department

The formal Chemical technology-Paint Technology degree education in India was started during 1964 with “B.Sc. (Chem. Tech.) Paint Technology of three year duration. In 1991 the 3 years B.Tech course after B.Sc. was changed to 4 years B.Tech course after I. Sc. (10+2), at par with other Engineering and Technology courses. There are Ph. D. program also in the Department. The Paint Technology Department remained joined with Oil Technology Department for a very long time. The twin department used to call as Oil and Paint Technology Department. After the status of University, the new Department Chemical technology – Paint Technology was formed on 9th January 2017, and Professor P.K. Kamani was appointed as the first Head of the Department.

The students of the Paint Technology Department are endowed with the inherent attributes of Excellence and Perfection. The department has undoubtedly been a Centre of excellence for learning in the country. There is a close relationship between the faculty and students. The faculty regularly provides technical updates regarding the latest industrial trends. The students are given small projects of research oriented at UG level. They are motivated for paper writing, presentation in seminars, symposium, conferences etc. to develop their professional perception. The department has sculpted numerous engineers, who had proved their mettle by becoming the souls and roots of various industries in the field of research in the country and abroad, and are repatriating credit and fame to the department. Various programs are designed to impart knowledge, and strengthen concepts and intellectual skills through course work, seminars and project/ thesis work and cater to the needs of industry, R&D organizations, and educational institutions. The department maintains a close touch with other National and International educational Institutions & industries and has accomplished several research & development projects in collaboration with them. There are more than 100% placement at UG level at various applications (Maruti, Honda, Hyundai, TVS, Volkswagen, Tata motors etc,) and manufacturing (Asian Paints, Kansai Nerolac, PPG, Sherwin Williams, Berger Paints, Indigo Paints, Railways, etc.) industries. Further to add, the department is proud of having the students of high caliber as most students go abroad for higher education MS, Ph.D. MBA, M. Tech etc. The department is also having the Scholarship from Asian Paints Charitable Trust Mumbai and every year the 3-5 poor students with high rank are given full scholarship. There is a National level Association PACT (Paint and Coating Technologists' Association of India) in the department having more than 500 members from premier industries who provide support to the department in various manner e.g. expert lectures from top level personnel, placement and training support etc.

The department is well equipped with Laboratory equipment of general testing and sophisticated instrumental testing along with pilot plant on powder coating application, spray application, resin manufacturing and also paint, putty, past & ink manufacturing etc. The department conducts training program on paint application and manufacturing industries for their skilled and semiskilled workers. In addition, the workshops are also organized time to time to train the semi-skilled, skilled, educated unemployed youths, BPL youngsters etc. The department is government recognized for providing the certificates and test reports to various government and private agencies. The materials (paint, varnish, raw materials) are tested and evaluated. The consultancy and certificates are provided by experience faculty members of the department. The department is in communication with Eastern Michigan University USA for Memorandum of Understanding for exchange programme/higher education of students of the department.

Teaching learning facilities of Paint Technology

Class Rooms

01 Seminar room

Laboratories

Testing & Evaluation Laboratory(UG-I)

Project Laboratory (UG-II)

Paint Application Laboratory

Paint Bay

Central Instrumental Laboratory

List of faculty members

1. Dr. Arun Maithani, Professor
2. Dr. P. K. Kamani, Professor
3. Dr. Pramod Kumar, Visiting Professor
4. Mr. M. I. Khan, Assistant Professor (Contractual)
5. Mr. Sunil Mehrotra, Assistant Professor (Contractual)
6. Mr. Ghanshyam, Assistant Professor (Contractual)
7. Mr. BM Singh, Assistant Professor (Contractual)

8.2.7 Plastic Technology Department

The Department of Plastic Technology was established in 1964. At that time B.Sc. Chemical Technology degree course of 3-year duration was started, which in the year 1978 was converted to B.Tech. (Chemical Technology) (Plastic technology) degree course of three years duration. In 1991 the course was upgraded to B. Tech. 4-year degree course after 10+2. Besides this, department also offers Doctoral programme in Plastic Technology & Applied Chemistry. The curriculum of B.Tech. programmes encompasses latest developments in the field, as well as present and future needs of the industry. These are modified from the time to time as per the suggestion by board of studies members who are reputed personalities from the industry ,and other academic institutions. At present there are seven faculty positions in Plastic Tech Department out of which three senior faculty members are present. The remaining faculty positions are filled with contractual appointments. There are four main laboratory at the under graduate level namely Processing Lab, Polymerization Lab, Testing Lab and Characterization Lab. These labs are equipped with Injection

molding machine, Rotational molding machine, Compression molding machine, Twin screw extruder, polymerization set up for emulsion suspension polymerization set up for phenol formaldehyde, resin synthesis, universal tensile testing machine, Impact testing machine, falling dart impact testing machine, Abrasion testing machine, Vicat softening and Heat distribution temperature tester, Brookfield viscometer, Electronic Densimeter, U.V. spectrophotometer, Rheometer, Ultrasonicator, wear and Friction tester, Microwave synthesizer, etc.

The Department has built up a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research. Constant efforts are being put up to maintain the high standards of this department to be ranked as one of the best in India. The Department strives to provide its students with facilities and environment that are conducive for creative and dynamic work. The Department has contributed by way of research paper publications in national/international journals of repute; and by paper presentations in national/international conferences. The department has run various R&D projects sponsored by AICTE, UGC, DMSRDE, and UPCST etc. It has also undertaken relevant research projects, which serves the interest of the industries. The plastic technology department is proud of its excellent infrastructure and its role in providing the best professionals to the nation. The department also hosts a student chapter named Polymer Engineers & Technologists Association (PETA) and runs a departmental library. The department also takes special care in arranging offshore as well as highly paid summer trainings to the students at the end of third year. The department has excellent placement records with 90% placement in session 2016-2017.

Teaching learning facilities of Plastic Technology department

Class Rooms

01 Seminar room

Laboratories

Polymer Characterization Lab

Polymer Processing Lab

Polymer Research Lab I

Polymer Research Lab II

Polymer Testing Lab

UG Lab

List of faculty members

1. Prof. Indira Nagam, Professor
2. Prof. Reena Singhal, Professor
3. Prof. Deepak Srivastava, Professor
4. Mr. Brijesh Kumar Verma, Assitant Professor (Contractual)
5. Mr. Dharmendra Singh Rajpoot, Assitant Professor (Contractual)
6. Mr. Abhishek Bajpai, Assitant Professor (Contractual)

8.3 School of Engineering

8.3.1 Civil Engineering Department

The Department of Civil Engineering was established in 1966. It is one of the premier departments of the institute. The department offers full time undergraduate degree programme in Civil Engineering and post graduate degree programme in Environmental Science and Engineering. The department also offers two 3- years part

time post graduate degree programme in Structural Engineering and Soil Mechanics & Foundation Engineering. The curriculum of these programs encompasses latest developments in the field as well as present day and future needs of industries.

The department has well developed laboratories with all essential facilities for running undergraduate and post graduate programs. The major equipments available in the department includes fire furnace, core cutter apparatus, ultrasonic concrete tester, universal testing m/c., loading frame, electronics total station, U. V. spectrophotometer, rock core cutting machine, electrical resistivity meter, vehicle counting and classifier, hand held traffic speed radar gun, francis turbine etc. The students have an in-depth exposure to computing environment using water CAD, sewer CAD, storm CAD, STAAD. Pro, GEOMETICA Education set, Auto desk education solution set and Arc view. The department has a well-furnished building housing ten laboratories, three classrooms, one tutorial room, one drawing hall, library, departmental office and separate rooms for faculty. The total area of laboratory and drawing hall is approximately 1300m². The departmental library has 400 books and more than 1100 journals.

The department is among the best in the Institute in terms of practical exposure and Institute industry interaction. The department has learned and dedicated faculty members contributing towards research and development and continuing education programmes. Number of projects funded by AICTE, New Delhi and UPCST, Lucknow has been successfully completed by the department. Over the years, industrial interaction has increased and today the annual external funding in the department runs to more than 100 lacs as industrial consultancy.

Teaching learning facilities of Civil Engineering department

Class Rooms	Laboratories
Class Room -1	Survey Lab
Class Room -2	Transportation Lab
Class Room -3	Soil Lab
Lecture Hall	Concrete Lab
Seminar Hall	Structure Lab
Tutorial Room	Environmental Lab
Drawing Hall	Hydraulics Lab
Incubation Centre	
Incubation Office (Ph.D. Scholars)	

List of faculty members

1. Dr. Sunil Kumar, Professor
2. Dr. Dipteek Parmar, Professor
3. Dr. Pradeep Kumar, Professor
4. Mr. Prithvipati, Associate Professor
5. Dr. Deepesh Singh, Associate Professor
6. Mr. Vijay Lokesh Singh, Assistant Professor (NPIU)
7. Mr. Nitin Rajput, Assistant Professor (NPIU)
8. Mr. Anirudh Mishra, Assistant Professor (Contractual)

9. Mr. Vishal Bhadauria, Assistant Professor (Contractual)
10. Mr. Gyan Garima Singh, Assistant Professor (Contractual)
11. Mr. Vinayak Mishra, Assistant Professor (Contractual)

8.3.2 Computer Science & Engineering Department

The department was established in the year 1984 with a 4-year B.Tech. program in Computer Science & Engineering having an intake of 30 students. Master of Computer Application (MCA) programme with an intake of 30 students was introduced in the year 1987. Under the recommendations of IT task force, B.Tech. in Information Technology program was started in the year 2000 with an intake of 60 students. Presently, the department is running B.Tech. Computer Science & Engineering (Accredited by National Board of Accreditation for 3 years), B.Tech. Information Technology and MCA programs with students' intake as 60, 30 and 60 respectively. Department has highly qualified and committed faculty members to take care of the academic and other requirements of the students. Faculty members have published large number of research papers in International and National Journals and Conferences. The faculty members of the department are also engaged in supervising Ph.D. students in their respective areas of expertise. Various research projects funded/sponsored by AICTE & UGC, New Delhi, have been completed successfully. Few research projects sponsored by TEQIP are running in the department. Students are given in depth knowledge and exposure to the computing facilities available in various laboratories of the department. The department is known for producing quality software engineers and providing better placements in leading software development organizations of India & Abroad. Besides academic curriculum, students are also encouraged to take part in various co-curricular activities organized from time to time under the aegis of FCIT (Fraternity of Computer and Information Technologist), an association of the department. INCORD, the annual technical fest of the department is well recognized by Engineering and Technological Institutions all over the state and country. As a short term goal, the department is planning to start an M.Tech. program in Computer Science & Engineering discipline.

Teaching learning facilities of Computer Science & Engineering department

Class Rooms

Class Room -1

Seminar Hall

Tutorial Room

Lecture Hall

Laboratories

LAB-1 (DBMS Lab)

Lab-2 (Windows Lab)

Lab-3 (Windows Lab)

Lab-4 ()

Lab-5 (Internet Lab)

Lab-6 (New Windows Lab)

Lab-7 CP Lab)

Lab-8 (Virtual Class Room/ Project Lab)

List of faculty members

1. Raghuraj Singh, Professor
2. Dr. Vinay Kumar Pathak, Professor
3. Dr. Narendra Kohli, Professor & Head
4. Dr. B. K. Tripathi, Professor

5. Dr. Anita Yadav, Associate Professor
6. Dr. V.D. Kaushik, Assistant Professor (Contractual)
7. Dr. Prabhat Verma, Assistant Professor (Contractual)
8. Mr. Indresh Kumar Gupta, Assistant Professor (Contractual)
9. Ms. Soni Gupta, Assistant Professor (Contractual)
10. Mr. Pankaj Upadhyay, Assistant Professor (Contractual)
11. Ms. Ankita Gautam, Assistant Professor (Contractual)
12. Mr. Rashmikiran Pandey, Assistant Professor (Contractual)
13. Mr. Amit Seth, Assistant Professor (Contractual)
14. Mr. Amit Gupta, Assistant Professor (Contractual)
15. Mr. Amlendra Kumar, Assistant Professor (Contractual)
16. Mr. Amit Vikram, Assistant Professor (Contractual)
17. Ms. Parul Pandey, Assistant Professor (Contractual)
18. Mr. Rajat Mishra, Assistant Professor (Contractual)

8.3.3 Electrical Engineering Department

The Department of Electrical Engineering was established in the year 1965. It is one of the oldest and premier engineering departments of the Institute. The number of the students having completed their undergraduate programme has reached more than 1000 figure mark. The department has been playing a vital role in producing scientists and technologists of highest caliber ever since its inception. Apart from offering a bachelor degree programme in electrical engineering, the department also offers part time master degree programme in power electronics and control discipline also department offer P.h.d. The department has been playing a pioneering role in producing world-class postgraduates and research scholars.

The department has rich and experienced faculty members. The department has distinguished faculty, all holding degrees from renowned institutes/universities. The passed out students have proved their mettle in various private organizations, public sector organizations, civil services, teaching & research, research & development and multinational companies. Electrical Engineers rolling out of the institute are well groomed in the core areas of Control Systems/ Power Electronics/ Electrical Machines/ Power Systems/ Measurement and Instrumentation and Instrumentation/ Machine Design / power generation, Transmission & distribution as well as Software Development / Handling and R&D work. The continuous updations in the course curriculum polishes the budding electrical engineers, in a way, so as to meet the challenges posed by newer technologies and reach the ever-expanding horizons. The experience, expertise and enriched knowledge of the faculty members are the distinguishing features of this department. The department has an annual intake of 33 students in the Undergraduate B.Tech. programme, 10 in post graduate M.Tech. Degree programme and few in P.h.d. depending upon availability.

The infrastructure and laboratory facilities are being upgraded from time to time as to provide adequate opportunities for students and researchers to learn and carry out technological innovations. The department has Library, Electrical Machines Laboratory, Power Electronics & Electric Drive Laboratory, Microprocessor & Control Laboratory, Power System Laboratory, Network Laboratory, Electrical Fabrication Laboratory, Simulation Laboratory, Electrical Measurement Laboratory, Instrumentation Laboratory. The department has state of art class room, Committee Room, library and State of art equipment like Real Time Simulator, Industrial control trainer, Solar and wind system etc. The department is continuously engaged in research

and development activities. Several national and State level seminars, Technical Festivals, Faculty development Programmes, Conferences, Symposiums, Expert Lectures, Workshops etc. are part of its yearly agenda. The department has been accredited by National Board of Accreditation, (NBA). The department also undertakes many research projects sponsored by both the government and the industry.

Teaching learning facilities of Electrical Engineering department

Class Rooms	Laboratories
01 Lecture Hall	Basic Electrical Engineering Laboratory
01 Seminar Hall	Electrical Machines Laboratory
	Power Electronics & Electric Drive Laboratory
	Microprocessor Laboratory
	Power System Laboratory
	Network Analysis Laboratory
	Electrical Fabrication Laboratory
	Simulation Laboratory
	Electrical Measurement Laboratory:
	Electrical Science Laboratory
	Instrumentation Laboratory

List of faculty members

1. Dr. Yaduvir ISngh, Professor and Head
2. Mr. J.K. Dwivedi, Associate Professor
3. Mr. C.N. Singh, Associate Professor
4. Dr. Archana Singh, Associate Professor
5. Mr. Jameel Ahmed, Associate Professor
6. Dr. Sanjeev Kumar, Assistant Professor
7. Mr. Udit Kumar Singh, Assistant Professor (Contractual)
8. Mr. Prashant Pandey, Assistant Professor (Contractual)

8.3.4 Electronics Engineering Department

The Department has committed Faculty members for taking care of academic and other requirements of the students. It offers B.Tech in Electronics Engineering and M.Tech in Electronics and Communication engineering. In addition for Ph.D. programme there are two seats under QIP and one seat under TEQIP II as research cum teacher fellow. At present there are nine Ph.D. scholars under QIP/TEQIP. The Department has successfully implemented many sponsored projects funded by Swiss Bank, AICTE, DST, DRDO and TEQIP. The Board of Studies of the Department regularly updates the syllabus to meet and requirements of Industry and Academia. The Department is having well equipped labs and software for Virtual Instrumentation, VLSI Design, PCB Design, Signal Processing, Optical Networks etc.. Various extracurricular activities are regularly organized by the students under the aegis of Association of Electronics engineers for their overall development. The students of the Department are well placed in Govt. Sector, Private sector, MNCs, Civil Services, Engineering Services, Teaching, R & D, higher education in IITs and IIMs.

The Faculty of the Department is well qualified and associated with Institutes of repute like IITs, IISC, NITs and has published several papers in referred Journals and Conferences of International and National repute. The Faculty members of the Department are continuously involved in R & D activities with their research students. Several National Level Seminars, Conferences, Faculty Development Programmes, Expert Lectures, Workshops etc. have been organized by the Department.

The Department is also growing in terms of Infrastructure. Various grants have been received from AKTU, TEQIP and RUSA (National Higher Education Mission) MHRD for equipment and separate building of the Department.

MHRD for equipment and separate building of the Department.

Teaching learning facilities of Electronics Engineering department

Class Rooms

03 Class room

01 Smart Class room

Laboratories

Electronics Laboratory

PCB Laboratory

Microprocessors Laboratory

Simulation Laboratory

Communication Laboratory

Research Laboratory

List of faculty members

1. Prof. Rachna Asthana, Professor
2. Prof. Manoj Kumar Shukla, Professor
3. Prof. Krishna Raj, Professor
4. Smt. Rajni Bisht, Associate Professor
5. Dr. A.K. Shankhwar, Associate Professor
6. Dr. Ashutosh Singh, Associate Professor
7. Mrs. Nayanica Srivastava, Assistant Professor
8. Mr. Partha Saha, Assistant Professor
9. Mr. Suman Kumar Mitra, Assistant Professor
10. Mr. Dharmendra Kumar Singh, Assistant Professor
11. Mr. Manish Kumar Singh, Assistant Professor
12. Dr. Deo Chandra Jaiswal, Assistant Professor (Contractual)
13. Dr. Kumar Gaurav, Assistant Professor (Contractual)
14. Ms. Preeti Agarwal Mittal, Assistant Professor (Contractual)

8.3.5 Mechanical Engineering

The Department of Mechanical Engineering was established in 1964. It runs a regular B.Tech. programme in Mechanical Engineering with a student intake of 60. The Department runs a regular M.Tech. programme in Computer Aided Design with an intake of 18 students. Department also runs two part time programmes- M.Tech. (Mechanical Engineering Design) and M.Tech.(Industrial System Design) with 10 seats each. Department is a QIP Center and has two PhD seats under this scheme of MHRD, Govt. of India. Two PhD seats are also available under University Merit Scholarship. Department has committed and highly qualified faculty members and most of them have obtained their PhDs from reputed Institutions / Universities of the

country. They take care of all the academic and other requirements of the students and expose them to the latest developments, knowhow and skill enhancement. Department is the front runner in organizing seminars, workshops, FDPs, conferences etc. in the University and recently organized an International Conference. A number of research projects sponsored by outside agencies such as AICTE, UGC, UP CST & DST have been completed by the Department and a few are still under progress. Department also pursued several minor projects under TEQIP-II. Department has started one Incubation Center under TEQIP-II, World Bank Scheme. Faculty members of the Department are pursuing research in the areas of composites, smart materials and structures, advanced and hybrid machining, 3D printing and reverse engineering, biomaterials, alternative fuels etc. Department has two registered student Chapters- Institution of Engineers (India) and ISHRAE which are helpful in their regular interaction with working professionals and Industry. All sorts of technical and extracurricular activities are regularly organized by the students under the aegis of Association of Mechanical Engineers (AME) in the Department.

Teaching learning facilities of Mechanical Engineering department

Class Rooms

04 Class rooms
01 Incubation Hub

Laboratories

Energy Conversion Laboratory
Dynamics of Machine Laboratory
Measurement & Metrology Laboratory
Manufacturing Science Laboratory
CAD Laboratory
Reverse Engineering and rapid Prototype (RERP)/Incubation Laboratory
Heat Transfer Laboratory
Applied Mechanics and Material Science Laboratory
Refrigeration & Air-conditioning Laboratory
I C Engine Laboratory
Manufacturing Science -II Laboratory

List of faculty members

1. Dr. Rajive Gupta, Professor
2. Dr. Onkar Singh, Professor
3. Dr. Anand Kumar, Professor
4. Dr. S.K. Singhal, Professor
5. Dr. J. Bhaskar, Associate Professor
6. Dr. V.P. Singh, Assistant Professor
7. Sh. R.K. Ambikesh, Assistant Professor
8. Dr. S.K.S. Yadav, Assistant Professor
9. Mr. Saurabh Sangal (NPIU) , Assistant Professor
10. Mr. Deepak Singh (NPIU) , Assistant Professor
11. Mr. Vivek Guha (NPIU) , Assistant Professor
12. Mr. Arpit Srivastava, Assistant Professor (Contractual)
13. Mr. Shisu Pratap Singh, Assistant Professor (Contractual)

8.4 School of Humanities and Social Sciences

8.4.1 Humanities Department

Department of Humanities was constituted along with all other twelve academic departments, as a fully-fledged department as per HBTI society by laws in the year 1965. The department initially catered the need of communication for the under graduate students as per the industrial need for the professional skills in technocrats, department introduced many courses for under graduate, post graduate and doctoral students. At present the department offers courses such as Professional Communication, Professional Communication Laboratory, Remedial English Language (B. Tech Ist year), Engineering Economics & Management (B.Tech. III year), Organizational Behavior (B.Tech. III year, CS & IT), Accounting & Financial Management, Organizational Structure & Human Resource Management, (M.C.A. Ist year). Apart from these compulsory courses the department also runs an open elective course entitled as Entrepreneurship Development. The department offers Ph.D. programme in the areas of Economics and Management.

The department of Humanities has two language laboratories: one analog language laboratory and one digital language laboratory equipped with ultra-modern facilities and software to facilitate the students of UG & PG level. More than 1000 reference books and 10 international journals in the Economics and Management subject are available in the central library. The department has also organized seminars and faculty development programmes as a part of its contribution to the development of academic fraternity.

List of faculty members

1. Prof. K.M. Mohapatra , Professor
2. Dr. (Mrs.) Bandana Nigam, Associate Professor
3. Dr. Vinod Kumar Yadav, Associate Professor
4. Mrs. Sapana Singh, Assistant Professor (Contractual)
5. Dr. Om Nath Trivedi, Assistant Professor (Contractual)
6. Ms. Anjana Gupta, Assistant Professor (Contractual)
7. Ms Sonam Gupta, Assistant Professor (Contractual)
8. Mr. Vivek Katiyar, Assistant Professor (Contractual)

8. STATUS OF NBA ACCREDITATION OF B. TECH COURSES

Sl. No.	B. Tech Courses	Status
School of Engineering		
1.	Computer Science & Engineering	Accredited
2.	Electronics Engineering	
3.	Mechanical Engineering	
4.	Electrical Engineering	Not Accredited
5.	Information Technology	
6.	Civil Engineering	
School of Chemical Technology		

1.	Food Technology	Accredited
2.	Plastic Technology	
3.	Oil Technology	
4.	Paint Technology	
5.	Leather Technology	Not Accredited
6.	Chemical Engineering	
7.	Bio Chemical Engineering	

9. PROGRAMMES OFFERED (UG, PG, Ph.D)

Under Graduate (B. Tech.) Programme

The university runs 13 undergraduate programmes leading to B. Tech degree. Each of these programmes is of four year duration (8 semesters). The first component of these programmes is the core program common to all branches, and planned to give the students a strong base of the general education in engineering sciences, humanities and applied sciences. The second component of the UG programme includes professional courses and a project in the chosen branch of Engineering & Technology. The B.Tech Degree is offered in Chemical Engg., Civil Engg., Computer Science & Engg., Electrical Engg., Electronics Engg., Information Technology, Leather Technology, Mechanical Engg., Biochemical Engineering, Food Technology, Oil Technology, Paint Technology & Plastic Technology.

S. No.	Courses	Sanction Seats (including EWS and TFW)
A	School of Engineering	
1.	B. Tech. (Civil Engineering)	78
2.	B. Tech. (Computer Science & Engineering)	78
3.	B. Tech.(Electrical Engineering)	78
4.	B. Tech.(Electronics Engineering)	78
5.	B. Tech.(Mechanical Engineering)	78
6.	B. Tech.(Information Technology)	78
B	School of Chemical Technology	
1.	B. Tech. (Biochemical Engineering)	39
2.	B. Tech. (Chemical Engineering)	77
3.	B.Tech. (Food Technology)	39
4.	B. Tech. (Leather Technology)	25
5.	B.Tech. (Oil Technology)	39

6.	B. Tech. (Plastic Technology)	39
7.	B.Tech. (Paint Technology)	39

Post-graduate (M. Tech., MCA, MBA & M.Sc.) programmes

The university offers M.Tech. and MCA programmes. The M.Tech. programme is of 2 years (four semester) duration for full time students and 3 years (six semester) for part time students. The Master of Computer Application (M.C.A.) programme is of 3 years (six semester) duration. The goal of these programmes is to develop high quality of scientific and engineering manpower to cater the needs of industry, R&D organizations and educational institutes. The university offers the following PG programmes:

S. No.	Department	Specialization	Sanction Seats (including EWS and TFW)
M. TECH.			
School of Engineering			
1.	Civil Engineering	Environmental Science & Engineering	22
2.	Electronics Engineering	Electronics and Communication Engineering	23
3.	Mechanical Engineering	Computer Added Design	23
School of Chemical Technology			
1.	Biochemical Engineering	Biochemical Engineering	15
2.	Chemical Engineering	Chemical Engineering	22
3.	Food Technology	Food Technology	13
4.	Oil Technology	Oil Technology	14
5.	Plastic Technology	Plastic Technology	19
6.	Paint Technology	Paint Technology	19
MCA			
1.	Mater of computer application	Mater of computer application	78

Doctoral Programmes (Ph.D.)

The research facilities exist in all the disciplines of Engineering, Technology and Basic Sciences (Physics, Chemistry, and Mathematics) & Humanities. A good number of students carry out research work in thrust areas in different departments leading to Ph.D degree. Many Ph.D. scholars working under sponsored research projects receive JRF and SRF. Total seats for Ph. D. admission are 80 per year. There are 08 no. of seats under QIP in Electronics Engg., Mechanical Engg., Chemical Engg. and Civil Engg. Programme.

10. Students strength (UG, PG, Ph. D): Sanctioned Intake & Actual Intake), category and gender wise

Undergraduate (B. Tech. programme)

Branch	Total Intake	Actual Intake	Total	Male						Female					
				GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE	39	39	39	15	11	2	-	-	28	8	3	-	-	-	11
CE	78	78	78	31	28	13	-	-	72	1	2	3	-	-	6
CH	77	77	77	33	18	9	1	-	61	7	5	3	1	-	16
CSE	78	78	78	32	17	13	1	-	63	8	4	3	-	-	15
EE	78	78	78	35	22	7	1	-	65	5	4	3	1	-	13
ET	78	78	78	33	17	14	-	-	64	8	3	2	1	-	14
FT	39	39	39	15	12	-	-	-	27	7	5	-	-	-	12
IT	78	78	78	29	18	13	1	-	61	10	4	3	-	-	17
LT	25	21	21	5	8	1	-	-	14	5	2	-	-	-	7
ME	78	78	78	46	18	6	-	-	70	3	4	1	-	-	8
OT	39	39	39	17	17	-	-	-	34	5	-	-	-	-	5
PL	39	39	39	21	10	-	-	-	31	6	1	1	-	-	8
PT	39	39	39	22	10	-	-	-	32	6	1	-	-	-	7
Total	765	761		334	206	78	4	0	622	79	38	19	3	0	139
MCA	78	78	78	30	20	3	-	-	53	16	9	-	-	-	25

Postgraduate (M. Tech. programmes)

Branch	Total Intake	Actual Intake	Total	Male						Female					
				GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE	15	4	4	0	0	0	0	0	0	3	1	0	0	0	4
ME (CAD)	23	12	12	8	3	0	0	0	11	0	0	1	0	0	1
CE (ESE)	22	22	22	7	5	5	0	0	17	2	3	0	0	0	5
CH	22	7	7	1	1	3	0	0	5	0	2	0	0	0	2
ET	23	10	10	5	3	0	0	0	8	2	0	0	0	0	2
FT	13	11	11	3	2	0	0	0	5	5	1	0	0	0	6
OT	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PL	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PT	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	170	66	66	24	14	8	0	0	46	12	7	1	0	0	20

Ph.D. programme

Branch	Total Intake (Full time + Part Time)	Actual Intake (Full time + Part Time)	Total	Male						Female					
				GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CE	5	5	5	4	0	0	0	0	4	1	0	0	0	0	1
CH	5	2	2	2	0	0	0	0	2	0	0	0	0	0	0
CHY	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CSE+IT	10	6	6	4	0	1	0	0	5	0	1	0	0	0	1
EE	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ET	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FT	5	2	2	0	0	0	0	0	0	2	0	0	0	0	2
HUM	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OT	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ME	5	2	2	0	0	1	0	0	1	0	1	0	0	0	1
PT	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PL	5	1	1	1	0	0	0	0	1	0	0	0	0	0	0
PHY	5	1	1	1	0	0	0	0	1	0	0	0	0	0	0
MATHS	5	1	1	1	0	0	0	0	1	0	0	0	0	0	0
Total	80	20	20	13	0	2	0	0	15	3	2	0	0	0	5

11. Faculty & Staff positions: Sanctioned Intake & Actual filled (Regular and contract)**Faculty Position Details**

Sl. No.	Post name	Sanctioned Intake	Actual filled	Vacant Posts
1	Professor	19	07	12
2	Associate Professor	38	21	17
3	Assistant Professor	74	69	05

Note: Contractual Faculty appointed against all vacant positions

Officers Position Details

Sl. No.	Post name	Sanctioned Intake	Actual filled	Vacant Posts
1	Vice Chancellor	01	01	00
2	Registrar	01	01	00
3	Finance Controller	01	01	00
4	Controller of Examination	01	00	01
5	Workshop Superintendent	01	00	01
6	System Manager	01	01	00
7	Assistant Workshop Superintendent	01	01	00
8	Computer Programmer	03	02	01
9	Assistant Engineer	01	01	00
10	Physical Instructor	01	01	00
11	Librarian	01	00	01
12	Medical Officer	01	00	01
13	Finance and Account Officer	01	01	00

Staff Position Details

Sl. No.	Post name	Sanctioned Intake	Actual filled	Vacant Posts
1	Research Assistant	11	06	05
2	Foreman	06	02	04
3	Instructor	09	04	05
4	Technical Assistant	11	03	08
5	Senior Mechanic	03	01	02
6	Mechanic-A	02	01	01
7	Junior Steno/Steno	07	02	05
8	Junior Assistant	29	16	13
9	Boiler Attendant	02	00	02
10	Mechanic	02	01	01
11	Fitter	02	01	01
12	Driver	03	-	03

13	Mistri	02	-	02
14	SND/Head Assistant	18	11	07
15	Switch Board Operator	04	01	03
16	Mechanic-B	03	01	02
17	Computer Operator	03	03	-
18	Cataloger	02	02	-
19	Punch Operator	02	01	01
20	Assistant Registrar	01	01	-
21	Dy. Librarian	01	01	-
22	Lab and workshop supervisor	01	-	01
23	Internal Auditor	01	-	01
24	Personal Assistant	01	01	-
25	Senior Library Assistant	01	01	-
26	Senior Draftsman	01	-	01
27	Chief Store Keeper	01	-	01
28	Junior Engineer	01	01	-
29	Senior Stenographer	01	-	01
30	Head Clerk	01	-	01
31	Compounder	01	-	01
32	Pharmacist	01	-	01
33	Assistant Accountant	01	01	-
34	Technical Assistant (Store)	01	01	-
35	Store Keeper	01	-	01
36	Junior Library Assistant	01	-	01
37	Senior Grounder	01	-	01
38	Junior Draftsman	01	01	-
39	Telephone Operator (EPBX)	01	-	01
40	Boiler man	01	01	-
41	Carpentry Instructor	01	-	01
42	Electrician	01	-	01
43	Turner	01	-	01
44	Fitter cum Carpenter	01	-	01
45	Blacksmith	01	-	01
46	Trades man	01	-	01
47	Furnish Operator	01	-	01
48	Mechanic	01	-	01
49	Senior Machine man	01	-	01
Total		151	65	86
Supernumerary Post		03	03	00
Grand Total		154	68	86

Note: Contractual Staff appointed against all vacant positions

12. Exam Result Analysis (2020-21)

Final Year

Branch	No of Student Appeared	Clear Pass Total Student	Clear Pass Percentage	FAIL Total Student	Fail Percentage	PCP Total Student	PCP Percentage	75% & Above Total Student	75% & Above Percentage	60%-74% Total Student	60%-74% Percentage	Less Than 60% Total Student	Less Than 60% Percentage
Biochemical Engineering	20	20	100	0	0	0	0	15	75	5	25	0	0
Civil Engineering	31	31	100	0	0	0	0	18	58.06	13	41.94	0	0
Chemical Engineering	52	51	98.08	0	0	1	1.92	35	67.31	17	32.69	0	0
Computer Science and Engineering	63	63	100	0	0	0	0	50	79.37	13	20.63	0	0
Electrical Engineering	34	34	100	0	0	0	0	24	70.59	10	29.41	0	0
Electronics Engineering	45	45	100	0	0	0	0	43	95.56	2	4.44	0	0
Food Technology	23	23	100	0	0	0	0	17	73.91	6	26.09	0	0
Information Technology	30	30	100	0	0	0	0	29	96.67	1	3.33	0	0
Leather Technology	10	10	100	0	0	0	0	5	50	5	50	0	0
Mechanical Engineering	60	60	100	0	0	0	0	33	55	27	45	0	0
Oil Technology	22	22	100	0	0	0	0	21	95.45	1	4.55	0	0
Plastic Technology	24	24	100	0	0	0	0	22	91.67	2	8.33	0	0
Paint Technology	26	26	100	0	0	0	0	18	69.23	8	30.77	0	0
MCA	55	55	100	0	0	0	0	44	80	11	20	0	0

Third Year

Branch	No of Student Appeared	Clear Pass Total Student	Clear Pass Percentage	FAIL Total Student	Fail Percentage	PCP Total Student	PCP Percentage	CGPA 7.5 & Above Total Student	CGPA 7.5 & Above Total Percentage	CGPA >=6.5 & <7.5 Total Student	CGPA >=6.5 & <7.5 Total Percentage	CGPA Less than 6.5 Total Student	CGPA Less than 6.5 Total Percentage
Biochemical Engineering	25	24	96	0	0	1	4	1	7.609	9	7.055	15	5.827
Civil Engineering	33	33	100	0	0	0	0	8	8.0249	15	7.0246	10	6.1645
Chemical Engineering	52	52	100	0	0	0	0	38	8.0374	10	7.1221	4	6.2203
Computer Science and Engineering	64	64	100	0	0	0	0	47	8.0856	13	7.1083	4	6.1443
Electrical Engineering	34	34	100	0	0	0	0	15	8.0559	15	7.0079	4	6.1383
Electronics Engineering	48	46	95.83	0	0	1	2.08	13	7.9279	22	6.9494	12	5.8101
Food Technology	36	36	100	0	0	0	0	8	8.0268	15	7.0484	13	6.1695
Information Technology	33	31	93.94	0	0	2	6.06	21	8.1968	6	6.867	6	6.0608
Leather Technology	16	16	100	0	0	0	0	2	7.804	8	6.8385	6	5.7442
Mechanical Engineering	62	62	100	0	0	0	0	29	8.1346	26	7.0855	7	5.8131
Oil Technology	30	30	100	0	0	0	0	9	7.805	13	7.0861	8	6.1578
Plastic Technology	29	28	96.55	0	0	1	3.45	13	8.0225	8	6.9528	8	5.9195
Paint Technology	33	33	100	0	0	0	0	13	8.4449	14	7.1877	6	5.9605

Second Year

Branch	No of Student Appeared	Clear Pass Total Student	Clear Pass Percentage	FAIL Total Student	Fail Percentage	PCP Total Student	PCP Percentage	CGPA 7.5 & Above Total Student	CGPA 7.5 & Above Total Percentage	CGPA \geq 6.5 & $<$ 7.5 Total Student	CGPA \geq 6.5 & $<$ 7.5 Total Percentage	CGPA Less than 6.5 Total	CGPA Less than 6.5 Total Percentage
Biochemical Engineering	30	30	100	0	0	0	0	21	8.018	9	7.098		
Civil Engineering	41	41	100	0	0	0	0	29	8.0035	11	7.1379	1	6.431
Chemical Engineering	66	65	98.48	0	0	1	1.52	57	8.3265	8	7.258	1	5.904
Computer Science and Engineering	77	75	97.4	0	0	1	1.3	60	8.2321	16	7.1727		
Electrical Engineering	43	42	97.67	0	0	1	2.33	25	8.0042	15	7.3299	3	6.3023
Electronics Engineering	58	58	100	0	0	0	0	46	7.9961	12	7.1681		
Food Technology	39	39	100	0	0	0	0	33	8.1745	6	7.1472		
Information Technology	40	40	100	0	0	0	0	34	8.3292	6	7.2153		
Leather Technology	18	18	100	0	0	0	0	10	7.8017	6	7.0538	2	6.0535
Mechanical Engineering	76	75	98.68	0	0	1	1.32	42	7.9223	30	7.1427	4	5.7723
Oil Technology	37	36	97.3	0	0	1	2.7	30	7.9366	6	7.2838	1	5.704
Plastic Technology	38	38	100	0	0	0	0	34	8.1995	3	7.204	1	6.022
Paint Technology	36	36	100	0	0	0	0	30	8.2055	6	7.2002		

First Year

Branch	No of Student Appeared	Clear Pass Total Student	Clear Pass Percentage	FAIL Total Student	Fail Percentage	PCP Total Student	PCP Percentage	75% & Above Total Student	75% & Above Percentage	60%-74% Total Student	60%-74% Percentage	Less Than 60% Total Student	Less Than 60% Percentage
Biochemical Engineering	37	35	94.59	0	0	1	2.7	2	5.41	28	75.68	6	16.22
Civil Engineering	79	75	94.94	0	0	4	5.06	12	15.19	60	75.95	7	8.86
Chemical Engineering	79	76	96.2	0	0	2	2.53	41	51.9	37	46.84	0	0
Computer Science and Engineering	78	76	97.44	0	0	1	1.28	34	43.59	42	53.85	1	1.28
Electrical Engineering	77	74	96.1	0	0	2	2.6	21	27.27	55	71.43	0	0
Electronics Engineering	78	76	97.44	0	0	2	2.56	35	44.87	41	52.56	2	2.56
Food Technology	39	38	97.44	0	0	0	0	4	10.26	33	84.62	1	2.56
Information Technology	77	74	96.1	0	0	2	2.6	31	40.26	45	58.44	0	0
Leather Technology	21	21	100	0	0	0	0	2	9.52	15	71.43	4	19.05
Mechanical Engineering	74	71	95.95	0	0	3	4.05	22	29.73	50	67.57	2	2.7
Oil Technology	38	38	100	0	0	0	0	5	13.16	28	73.68	5	13.16
Plastic Technology	39	39	100	0	0	0	0	12	30.77	26	66.67	1	2.56
Paint Technology	37	35	94.59	0	0	2	5.41	10	27.03	26	70.27	1	2.7

13. GATE qualified students data

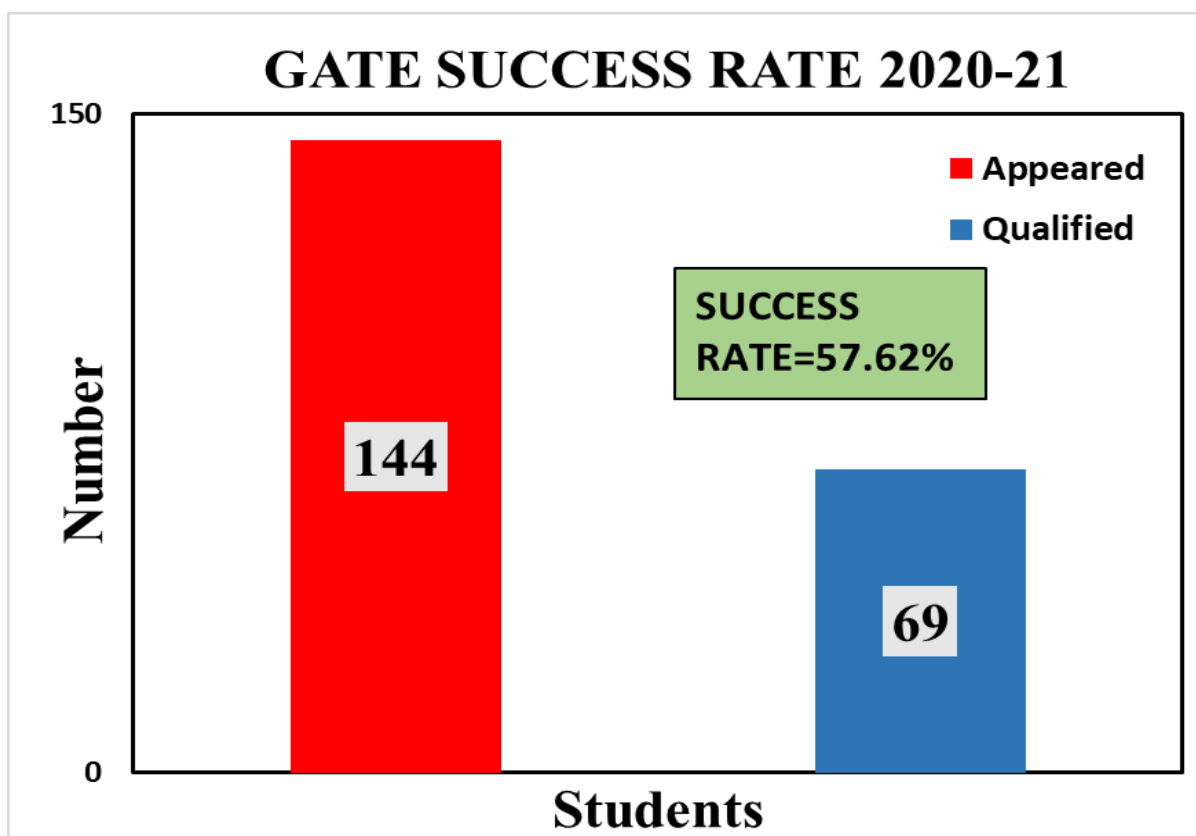
DETAILS OF GATE EXAM-2020-21 BRANCHWISE APPEARED AND QUALIFIED STUDENTS DETAIL

S. No.	Branch	No. of Appeared Students	No. of Qualified Student	Success Rate (%)
1	Computer Science & Engg.	06	04	66.66
2	Information Technology	02	01	50.00
3	Civil Engineering	05	04	80.00
4	Electrical Engineering	28	14	50.00
5	Electronics Engineering	38	06	15.79
6	Mechanical Engineering	30	17	56.66
7	Chemical Engineering	17	14	82.35
8	Biochemical Engineering	05	02	40.00
9	Food Technology	04	04	100.00
10	Plastic Technology	01	01	100.00
11	Oil Technology	4	0	0.00
12	Paint Technology	04	02	50.00
Total		144	69	57.62

STUDENT DETAILS OF GATE EXAM-2020-21

S. No.	Student Name	Branch	Gender	Category	GATE Registration Number	GATE Rank
1	Akash Gupta	ME	Male	GEN	ME21S75025203	2732
2	Akash Kumar	ME	Male	OBC	ME21S75025153	10459
3	Adarsh Kumar Sharma	ME	Male	GEN	ME21S85026236	1302
4	Prateek Singh Kushwaha	ME	Male	OBC	ME21S85025371	19215
5	Vivek Kumar Maurya	PL	Male	OBC	CH21S55024049	2671
6	Aakash	ME	Male	SC	ME21S75026007	2673
7	Pratish Srivastava	ME	Male	GEN	ME21S75025275	8019
9	Anirudh Gupta	ME	Male	GEN	ME21S75025031	17038
10	Ajitesh Pratap Singh	ME	Male	GEN	ME21S75025219	4085
11	Utkarsh Somvanshi	ME	Male	GEN	ME21S85025024	9870
12	Yuvraj Singh	EE	Male	OBC	EE21S35028288	9134
13	Ayush Agrawal	ME	Male	GEN	ME21S85026043	5226
14	Shruti Maheshwari	FT	Female	GEN	XE21S65028172	247
15	Prateeksingh	ME	Male	OBC	ME21S85026082	10140
16	Bharat Tripathi	ME	Male	GEN	ME21S78012128	14610

17	Nirbhay Singh	EE	Male	OBC	EE21S35026162	9761
18	Ritesh Gupta	EE	Male	GEN	EE21S35028350	881
19	Divyanshu Singh	EE	Male	GEN	EE21S35028298	2395
20	Suyash Mohan Singh	EE	Male	OBC	EE21S35026051	9550
21	Mohd Abid	BE	Male	GEN	BT21S55024192	1747
22	Ashutosh Mishra	EE	Male	GEN	EE21S35017186	3375
23	Abhishek Patel	EE	Male	OBC	EE21S35028337	1373
24	Mudit Kumar Singh	CSE	Male	OBC	CS21S65034021	6222
26	Sandeep Singh Kushwaha	BE	Male	OBC	BT21S55025344	1520
27	Tarun Tiwari	ET	Male	GEN	EC21S45026046	1726
28	Anshika Pathak	ET	Female	GEN	EC21S45034095	3418
29	Utkarsh Srivastava	ET	Male	GEN	EC21S45017277	3806
30	Saumya Sharma	ET	Female	GEN	EC21S45031093	4399
31	Navya Saxena	ET	Female	GEN	EC21S45024072	316
32	Shweta Singh	EE	Female	OBC	EE21S35042105	8557
33	Yogeshwar Rai	ET	Male	GEN	EC21S45028480	3093
34	Sandeep Kumar	EE	Male	SC	EE21S35026096	8389
35	Sajal Keshri	EE	Male	GEN	EE21S35041233	1125
36	Prabhat Kumar Mishra	EE	Male	GEN	EE21S35026215	651
37	Aayush Singh	EE	Male	GEN	EE21S35018090	364
38	Vaishali Baghel	EE	Female	OBC	EE21S35001492	NA
39	Abhishek Pandey	ME	Male	GEN	ME21S85025215	4607
40	Abhinav Rathore	CE	Male	GEN	CE21S15028250	14811
41	Nishant Trivedi	EE	Male	GEN	EE21S35026086	3946
42	Prakhar Tiwari	PT	Male	GEN	XE21S65028088	4355
43	Divyanshi Yadav	FT	Female	OBC	XE21S65028032	4157
44	Faizal Khan	IT	Male	OBC	CS21S55031149	1602
45	Shruti Agnihotri	FT	Female	GEN	BT21S55024196	152
46	Anuj Dixit	CE	Male	GEN	CE21S25026003	2398
47	Esha Diwakar	CE	Female	SC	CE21S15034242	4288
48	Akash Yadav	CE	Male	OBC	CE21S15028210	5470
49	Deepshikha Singh	ME	Female	OBC	ME21S85042159	4775
50	Sumaiya Fatima	FT	Female	OBC	XE21S65028132	489
51	Devesh Singh	CSE	Male	OBC	CS21S65027236	1683
52	Ankit Gupta	CSE	Male	GEN	CS21S65026179	8836
53	Mohd Afjal	CSE	Male	OBC	CS21S55018081	5491
55	Nidhish Kumar Sharma	ME	Male	OBC	ME21S75025242	12506
56	Ritesh Mishra	ME	Male	GEN	ME21S85026332	NA
57	Anish Vishwakarma	ME	Male	OBC	ME21S85026351	21762
58	Vikram Chaudhary	ME	Male	OBC	ME21S85025354	NA
59	Ashish Kumar	ME	Male	SC	ME21S75026095	NA
60	Gaurav Jaiswal	BE	Male	OBC	BT21S55026198	NA
62	Anjali	ME	Female	GEN	ME21S85026055	NA
63	Shahjad Ahmad	EE	Male	OBC	EE21S35026052	12285



Awards/ medal won by students for sports and cultural activities

S. No .	Name of the award/ medal	Team / Individual	Category	Name of the event	Name of the student/s
1.	3 rd Winner (Badminton)	Individual	Inter- University	Badminton	Chandrika Singh
2.	3 rd Winner (Badminton)	Individual	Inter- University	Badminton	Ritika Maurya
3.	3 rd Winner (Badminton))	Individual	Inter- University	Badminton	Megha Chaudhary
4.	Participation Certificate	Individual	State	Uttar Pradesh Basket Ball Association	Abhishek K. Srivastava

14. Training Programmes/ conferences/ FDPs held for teachers & staff

S.N.	Year	Duration	Title of the professional/ administrative development program organized for the teaching staff/ non-teaching staff	No. of participants
1	2021	June 25, 2021	Webinar on "World environment celebration"	50
2	2020	May 17, 2021	Expert lecture on "World Telecommunications day accelerating digital transformation in challenges times"	50
3	2020	22-Dec-20	Webinar on "Modeling & Simulation" in the memory of Srinivasa Ramanujan	45
4	2020	4-Jul-20	Webinar on "Challenges in development of Innovative products in India"	90

15. Participation of Faculty in Conferences, Seminars, Workshop and Short Term Courses/ Faculty Development Programs etc.(2020-21)

S.No.	Name of the Faculty	Deptt.	Title of STC/FDP/Workshop	Organizing organization	Duration (weeks/days)	Duration
1.	Dr. Rajani Bisht	Electronics Engineering	TEQIP Workshop on Analog IC Design	HBTU, Kanpur	One Week	02.10.2020 to 06.10.2021
2.	Prof. K. Raj	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
3.	Dr. Rajani Bisht	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
4.	Dr. A. K Shankhwar	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
5.	Dr. Ashutosh	Electronics	Online STC under TEQIP-III	IIT Delhi	One Week	20.12.2020 to

	Singh	Engineering	on“Linear Algebra and its Applications”			24.12.2020
6.	Dr. Ashutosh Singh	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
7.	Dr. Manish Kumar Singh	Electronics Engineering	AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	IIT BHU	One Week	21-25 Sept. 2020
8.	Dr. Manish Kumar Singh	Electronics Engineering	AICTE Training and Learning (ATAL) Academy Online FDP on "WearableDevices"	Kongu Engineering College Erode.,	One Week	14-18 Sept. 2020
9.	Dr. Suman Kumar Mitra	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
10.	Mr. Dharmendra Kumar Singh	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
11.	Dr. Preeti Agarwal Mittal	Electronics Engineering	Simulation, Modeling and Application of Advanced Semiconductor Devices	HBTU, Kanpur	One Week	July 2020
12.	Prof. Raghuraj Singh	Computer Science & Engineering	Online Training on “Machine Learning with MATLAB”	HBTU, Kanpur	One Day	October 22, 2020.
13.	Prof. Raghuraj Singh	Computer Science & Engineering	Online Training Program on “Rational Software Architect Design”	HBTU, Kanpur	One Day	June 06, 2020.
14.	Dr. Anita Yadav	Computer Science & Engineering	Online Training Program on “Rational Software Architect Design”	HBTU, Kanpur	One Day	June 06, 2020.
15.	Prof. Raghuraj Singh	Computer Science & Engineering	Artificial Intelligence: Knowledge Management and Intelligent Agents”, AICTE sponsored ATAL-FDP on	HBTU, Kanpur	One Week	5-10-2020 to 9-10-2020

			Machine Learning and Intelligent Systems			
16.	Amlendra Kumar	Computer Science & Engineering	Role of Artificial Intelligence in Education	HBTU, Kanpur	One Day	6/9/2020
17.	Priyanka Gautam	Computer Science & Engineering	Machine learning	HBTU, Kanpur	One Day	6/12/2020
18.	Dr. P. K. S. Yadav	Oil Technology	Sustainable Energy Technologies: Synthesis of Alternative Fuels, Characterization and Molecular Simulations	IIT Roorkee	One Week	December 07-11, 2020
19.	Prof. Indira Nigam	Plastic Technology	Challenges in development of Innovative products in India	HBTU, Kanpur	One Day	July 04, 2020
20.	Prof. Indira Nigam	Plastic Technology	Use of Nanomaterial's in cancer therapy	HBTU, Kanpur	One Day	July 06, 2020
21.	Prof. Indira Nigam	Plastic Technology	Exposure & Rejuvenation of Technology in Changing era of the Word	HBTU, Kanpur	One Week	July 06-10, 2020
22.	Prof. Indira Nigam	Plastic Technology	Ancient Indian science and Technology	HBTU, Kanpur	One Day	July 13, 2020
23.	Dr. Vivek Kumar	Food Technology	Online FDP on Moodle Learning Management System	HBTU, Kanpur	One week	10 July-14 July 2020
24.	Dr. Vivek Kumar	Food Technology	Online FDP on ICT Tools for Teaching Learning Process and Institute	HBTU, Kanpur	Two week	10 Aug- 21 Aug 2020
25.	Dr. Vivek Kumar	Food Technology	Online Training Programme on "Digital Tools for Writing, Authoring and Reviewing Manuscripts"	HBTU, Kanpur	One week	12 July-21 July 2021
26.	Dr. G. L.	Chemical	FDP on "Next Generation of Chemical	IET Lucknow	One week	29-07- 2020 to

	Devnani	Engineering	Manufacturing & Waste Management “			02-08-2020
27.	Dr. S. K. Gupta	Chemical Engineering	FDP (online) on “Next Generation of Chemical Manufacturing & Waste Management”	IET, Lucknow	One week	29-07- 2020 to 02-08-2020
28.	Dr. S. K. Gupta	Chemical Engineering	FDP (online) on "Internet of Things (IoT)"	Central University of Jharkhand	One week	14-09-2020 to 18-09-2020
29.	Dr. S. K. Gupta	Chemical Engineering	FDP(online) on "Energy Engineering"	Shri Mata Vaishno Devi University, Katara	One week	21-09-2020 to 25-09-2020
30.	Dr. S. K. Gupta	Chemical Engineering	STTP (online) on “Engineering Ethics”	VSSUT, Burla (Odisha)	One week	21-11-2020 to 26-11-2020
31.	Dr. S. K. Gupta	Chemical Engineering	FDP(online) on "Cyber Security"	NIT Sikkim	One week	1-12-2020 to 5-12-2020
32.	Dr. S. K. Gupta	Chemical Engineering	FDP (online) on “Artificial Intelligence”	Manipal Institute of Technology, Manipal	One week	7-12-2020 to 11-12-2020
33.	Dr. S. K. Gupta	Chemical Engineering	FDP (online) on "Renewable Energy”	Rajasthan Technical University, Kota	One week	14-12-2020 to 18-12-2020
34.	Dr. Alok Singh	Physics	One week STC (QIP) on “Advanced Ceramics & Composites for Multifunctional Applications”	IIT, Kanpur	One week	01st Mar-21 – 6th Mar-2021
35.	Dr. Alok Singh	Physics	One week STC (QIP) on “ Theoretical & Practical Perspectives on Materials Manufacturing Technology”	IIT, Kanpur	One week	8th Mar 21– 13th Mar- 2021

16.Campus placement data

Sr, No.	Name of the Student	Enrollment	Discipline	Employer's Name	Salary offered (LPA)
1	Prashant Yadav	170101015	Bio-chemical Engineering	Adani Wilmar	4.5
2	Varun Singh	170101030	Bio-chemical Engineering	Adani Wilmar	4.5
3	Abhinav Rathore	170102001	Civil Engineering	New Modern Buildwell	3.5
4	Esha Diwakar	170102014	Civil Engineering	Jaro Education	6.6
5	Mahima Rajput	170102016	Civil Engineering	LnT	6.0
6	Akash Yadav	170102006	Civil Engineering	New Modern Buildwell	3.5
7	Anuj Dixit	170102008	Civil Engineering	LnT	6.0
8	Shivank Kumar Shehra	170102030	Civil Engineering	New Modern Buildwell	3.5
9	Shubham	170102032	Civil Engineering	New Modern Buildwell	3.5
10	Nikita Chaudhary	170103028	Chemical Engineering	DCM Shriram, Bharuch	5.06
11	Gaurav Kumar	170103019	Chemical Engineering	GAIL	15.0
				DCM Shriram, Bharuch	5.06
12	Prateek Yadav	1701033031	Chemical Engineering	GAIL	15.0
13	Pratiksha Singh	170103032	Chemical Engineering	DCM Shriram, Bharuch	5.06
14	Astha Kapoor	170103015	Chemical Engineering	Evalueserve	5.0
15	Anushka Agrawal	170103011	Chemical Engineering	ExxonMobil	10.81
16	Aryan Bhartiya	170103013	Chemical Engineering	JK Paper	4.2
17	Pragya Rathore	170113015	Chemical Engineering	ExxonMobil	10.81
18	Pranav Tyagi	170103030	Chemical Engineering	ExxonMobil	10.81
23	Rikki Chauhan	170103034	Chemical Engineering	ExxonMobil	10.81
24	Rishabh Pandey	170103035	Chemical Engineering	TCS NINJA	3.36
				Cognizant Genc	4.5
				ExxonMobil	10.81
25	Divya Mishra	170103018	Chemical Engineering	Hindustan Unilever	7.0
26	Vishal Singh	170103052	Chemical Engineering	Hindustan Unilever	7.0
27	Somendra Tripathi		Chemical Engineering	Maruti Suzuki	8.4
28	Nikhil Agrawal	170103027	Chemical Engineering	Maruti Suzuki	8.4
29	Shalabh Agarwal	170103038	Chemical Engineering	TCS NINJA	3.36
				Maruti Suzuki	8.4
30	Aman Mishra	170103006	Chemical Engineering	Maruti Suzuki	8.4

31	Swapnil Pandey	170103045	Chemical Engineering	Maruti Suzuki	8.4
32	Amrisha Srivastava	170103008	Chemical Engineering	Suez	5.1
33	Tushar Bhatia	170103046	Chemical Engineering	Suez	5.1
34	Mayank Sharma	170103024	Chemical Engineering	Yara Fertilizer	5.9
35	Yash Awasthi	170103053	Chemical Engineering	Yara Fertilizer	5.9
36	Devesh Baranwal	170103016	Chemical Engineering	Yara Fertilizer	5.9
37	Sparsh Chaurasia	170103042	Chemical Engineering	Yara Fertilizer	5.9
38	Aman Gupta	170103005	Chemical Engineering	ZS Associates	8.93
39	Utkarsh Mishra	170103047	Chemical Engineering	Chambal Fertilizers	6.5
40	Rahul Gupta	170113020	Chemical Engineering	ZS Associates	8.93
41	Shivangi Singh	170104053	Computer Science & Engineering	Addverb	14.0
42	Harshit Sharma	170104024	Computer Science & Engineering	Mirketa	8.0
				Cognizant Genc	4.5
43	Narendra Sehrawat	170104036	Computer Science & Engineering	Paytm	9.0
				Cognizant Genc	4.5
44	Sundaram Dubey	170104057	Computer Science & Engineering	TCS NINJA	3.36
				Paytm	9
				Cognizant Genc	4.5
45	Gaurang Shukla	170104023	Computer Science & Engineering	TCS NINJA	3.36
				Comviva	6.5
				Cognizant Genc	4.5
46	Sarthak Singh	170104049	Computer Science & Engineering	Xenonstack	4.5
				Comviva	6.5
47	VIVEK KUMAR VERMA	170104064	Computer Science & Engineering	TCS NINJA	3.36
				Comviva	6.5
48	Mudit Kumar Singh	170104034	Computer Science & Engineering	Factset	8.91
49	Rishabh Yadav	170104047	Computer Science & Engineering	Synopsys	
				Factset	8.91
50	Shivam Negi	170108026	Computer Science & Engineering	Factset	8.91
51	Uddeshya Singh	170104058	Computer Science & Engineering	Factset	8.91
52	Nikita Singh	170104037	Computer Science & Engineering	Jio 5G	5.75
				Indiamart	6.65
53	Anupriya Gupta	170104010	Computer Science & Engineering	LnT	6.0
				Indiamart	6.65
54	Saurabh Gupta	170104051	Computer Science & Engineering	TCS DIGITAL	7.6
				Infoedge	12.5
55	Akash Maurya	170104004	Computer Science & Engineering	TCS NINJA	3.36
				Jio 5G	5.75

56	Mohd Afjal	170104033	Computer Science & Engineering	Jio 5G	5.75
57	Priya Singh	170104042	Computer Science & Engineering	Jio 5G	5.75
58	Priyadarshini Gautam	170104043	Computer Science & Engineering	Jio 5G	5.75
59	Vishal Singh	170104062	Computer Science & Engineering	TCS NINJA	3.36
				Paytm	9.0
				Jio 5G	5.75
60	Yogendra Pal Singh	170104066	Computer Science & Engineering	Jio 5G	5.75
61	Pratishtha Vikram Singh	170104040	Computer Science & Engineering	LnT	6.0
62	Shubham Kumar Shukla	170104054	Computer Science & Engineering	TCS Digital	7.6
				Maruti Suzuki	8.4
63	Kshitij Gupta	170104029	Computer Science & Engineering	TCS NINJA	3.36
				Mirketa	8.0
64	Ayushman Yadav	170104017	Computer Science & Engineering	Mirketa	8.0
65	Ayushman Yadav	170104007	Computer Science & Engineering	Nykaa	5.0
66	Varun Kumar	170104060	Computer Science & Engineering	Nykaa	5.0
67	Anushka Omer	170104011	Computer Science & Engineering	Optum	11.6
68	Arpit Shahi	170104012	Computer Science & Engineering	Optum	11.6
69	Vasudev	170104061	Computer Science & Engineering	Optum	11.6
70	Jayesh Khemka	170104028	Computer Science & Engineering	TCS NINJA	3.36
				Oyo Rooms	10.5
71	Prerna Dubey	170104041	Computer Science & Engineering	TCS NINJA	3.36
				Oyo Rooms	10.5
72	Aditya Rajput	17004003	Computer Science & Engineering	Oyo Rooms	10.5
73	ANIKET SINGH	170104008	Computer Science & Engineering	Oyo Rooms	10.5
74	Dhruv Kaul	170104022	Computer Science & Engineering	Oyo Rooms	10.5
75	Manish Kumar Gautam	170104031	Computer Science & Engineering	Oyo Rooms	10.5
76	Manoj Kumar	170104032	Computer Science & Engineering	JK Paper	4.2
77	Munna Kumar Verma	170104035	Computer Science & Engineering	Pure Software	5.0
78	Priyanshi Agarwal	170104044	Computer Science & Engineering	Oyo Rooms	10.5
79	Vaibhav Garg	170104059	Computer Science & Engineering	Oyo Rooms	10.5
80	Ayush	170104016	Computer Science &	Josh Technologies	

	Kumar		Engineering	Amazon	
				Paytm	9.0
81	Amit Kumar	170104006	Computer Science & Engineering	Proctur	6.25
82	Aditi Mogha	170104002	Computer Science & Engineering	Pure Software	5.0
83	Abhishek Verma	170104001	Computer Science & Engineering	L&T	6.0
				Pure Software	5.0
84	Jaspal Singh	170104025	Computer Science & Engineering	Josh Technologies	6.0
				Pure Software	5.0
85	Subham Kumar	170104056	Computer Science & Engineering	Pure Software	5.0
86	Ashish Singh	170104014	Computer Science & Engineering	TCS DIGITAL	7.6
				Rebel Foods	10
87	Atul Kr Mishra	170106011	Computer Science & Engineering	Rebel Foods	10
				TCS Digital	7.6
88	Shubhra Bhaduria	170104055	Computer Science & Engineering	TCS Digital	7.6
89	Yashveer Talan	170105065	Computer Science & Engineering	TCS Digital	7.6
90	Ritu Chakraborty	170104048	Computer Science & Engineering	TCS DIGITAL	7.6
91	Ankit Gupta	170104009	Computer Science & Engineering	Cognizant Genc	4.5
				TCS NINJA	3.36
92	BHAWNA GOLANI	170104019	Computer Science & Engineering	Microsoft	43.5
				Oyo Rooms	10.5
				TCS NINJA	3.36
93	Rigved Sambyal	170104046	Computer Science & Engineering	Paytm	9
				TCS NINJA	3.36
94	Shaivya Dixit	170104052	Computer Science & Engineering	Jio 5G	5.75
				TCS NINJA	3.36
95	Archit Atrey	170108007	Computer Science & Engineering	Factset	8.91
				TCS NINJA	3.36
96	Abhishek Patel	170105002	Electrical Engineering	Cognizant Genc	4.5
97	Anchi Rai	170105005	Electrical Engineering	Cognizant Genc	4.5
98	Prakarsh Agrawal	170105021	Electrical Engineering	Hindustan Unilever	7.0
99	Vaishali Baghel	170105036	Electrical Engineering	Hindustan Unilever	7.0
100	Ankita Singh	170105007	Electrical Engineering	Nykaa	5.0
101	BHARAT RAJ SINGH	170105010	Electrical Engineering	Oyo Rooms	10.5
102	Richa Sharma	170105024	Electrical Engineering	Cognizant Genc	4.5
				TCS NINJA	3.36
103	Tushar Singh	170105035	Electrical Engineering	Cognizant Genc	4.5
				TCS NINJA	3.36
104	Pawan Singh	170105018	Electrical Engineering	TechnipFMC	5.2
105	Priyanshu Sharma	170106031	Electronics Engineering	TCS NINJA	3.36
				Airtel	10

106	Parikshit Chaudhary	170106025	Electronics Engineering	Airtel	10
107	Satyarth Katiyar	170106035	Electronics Engineering	Airtel	10
108	Ajeet Singh	170106004	Electronics Engineering	Pure Software	5.0
109	Sudhanshu Tiwari	170106039	Electronics Engineering	Airtel	10
110	Akash Singh	170106005	Electronics Engineering	TCS NINJA	3.36
				Nykaa	4.5
				Cognizant Genc	4.5
111	Aishwarya Dwivedi	170106003	Electronics Engineering	GAIL	15
112	Anshika Pathak	170106009	Electronics Engineering	Jio 5G	5.75
113	Nancy Singh	170106022	Electronics Engineering	Jio 5G	5.75
114	Navya Saxena	170106023	Electronics Engineering	Jio 5G	5.75
115	Anuj Kr Lawaniya	1604530006	Electronics Engineering	Nykaa	5
116	Shiv Sagar Singh	170106038	Electronics Engineering	TCS NINJA	3.36
				Paytm	9
117	Saumya Sharma	170106036	Electronics Engineering	Josh Technologies	4.5
				Pure Software	5
118	Utkarsh Sharma	170106043	Electronics Engineering	TCS DIGITAL	7.6
119	Utkarsh Srivastava	170106044	Electronics Engineering	GAIL	15.0
120	Ravinder Singh	170106033	Electronics Engineering	DMI Finance	5.5
				TCS NINJA	3.36
				ZS Associates	11.41
				Accenture	4.5
				Tejas Networks	10.0
121	Chandan Maurya	170106014	Electronics Engineering	TCS NINJA	3.36
122	Harsh Saraf	170106015	Electronics Engineering	TCS NINJA	3.36
				ZS Associates	8.93
123	Himanshi Paliwal	170106017	Electronics Engineering	Josh Technologies	
				Walmart Global Tech India	20.6
124	AMIT GUPTA	170106007	Electronics Engineering	Meditab Software Pvt. Ltd.	4.5
125	VASU AGARWAL	170112030	Electronics Engineering	coforge	3.65
126	Krishna Katiyar	170107014	Food Technology	Adani Wilmar	4.5
127	Aanchal	170107005	Food Technology	CP Milk & Food Products	6.5
128	Rohit Yadav	170107019	Food Technology	CP Milk & Food Products	6.5
129	Siddhartha Sachan	170107024	Food Technology	CP Milk & Food Products	6.5
130	Abhinandan Mishra	170107001	Food Technology	Jubilant Foodworks	5.0

131	Shardendu Awasthi	170107021	Food Technology	TCS NINJA	3.36
132	Anshika Seth	170112008	information Technology	TCS NINJA	3.36
				Addverb	14
133	Aditya Kumar	170108003	information Technology	Pure Software	5.0
134	Amisha Gautam	170108005	information Technology	DMI Finance	5.5
135	Prateek Kumar Gupta	170108019	information Technology	Factset	8.91
136	Sapna Tomar	170108024	information Technology	Joveo Technologies	15.0
				Factset	8.91
137	Muskan Gangwar	170108017	information Technology	Indiamart	6.65
138	Yash Gupta	170106047	information Technology	Indiamart	6.65
139	Gaurav Lakhotia	170108012	information Technology	Pure Software	5.0
				Maruti Suzuki	8.4
140	Pratish Katiyar	170108020	information Technology	Cemer Corporation	6.8
				Nykaa	5.0
141	Ranjeet Singh	170108021	information Technology	Nykaa	5.0
142	Tripti Gupta	170112028	information Technology	TCS NINJA	3.36
				Oyo Rooms	10.5
143	Neghat Nazir	170108018	information Technology	Oyo Rooms	10.5
144	Animesh Shukla	170108006	information Technology	TCS Digital	7.6
145	Arpit Gupta	170108008	information Technology	TCS Digital	7.6
146	Faizal Khan	170108011	information Technology	TCS Digital	7.6
147	Sarthak Gautam	170108025	information Technology	TCS Digital	7.6
148	Shivansh Tiwari	170108027	information Technology	TCS Digital	7.6
149	Yashsash Kaushik	170108032	information Technology	JK Paper	4.2
150	Yatharth Maheshwari	170108033	information Technology	TCS Digital	7.6
151	Aviral Bajpai	170106012	information Technology	Samsung R&D	13
				TCS DIGITAL	7.6
152	Madhav Singh	170108016	information Technology	TCS DIGITAL	7.6
153	Prakhar Gupta	170109013	Leather Technolgy	Cognizant Genc	4.5
154	Rishabh Shukla	170110046	Mechanical Engineering	Hero Motocorp	7.25
				Cognizant Genc	4.5
155	Aakash	170110003	Mechanical Engineering	GAIL	15
156	Akash Kumar	170110009	Mechanical Engineering	Suzuki Motors	4.5
157	Aman Khare	170110011	Mechanical Engineering	ExxonMobil	10.81

158	Anjali	170110015	Mechanical Engineering	Cognizant Genc	4.5
159	Ayush Agrawal	170110021	Mechanical Engineering	DMI Finance	5.5
160	Anuj Vatsa	170110017	Mechanical Engineering	L&T	6.0
				Escorts Ltd.	5.0
161	Utkarsh Somwanshi	170110059	Mechanical Engineering	ExxonMobil	10.81
162	Vidit Karan Bhargava	170110064	Mechanical Engineering	ExxonMobil	10.81
163	Harshita Rajput	170110029	Mechanical Engineering	Hero Motocorp	7.25
164	Ayushi Seth	170110022	Mechanical Engineering	Hero Motocorp	7.25
165	Ritesh Mishra	170110049	Mechanical Engineering	SMG Suzuki	5.0
166	Sanskriti Sharma	170110052	Mechanical Engineering	Hero Motocorp	7.25
167	Sagar Gupta	170110050	Mechanical Engineering	Hero Motocorp	7.25
168	Shaurya Pratap Singh	170110053	Mechanical Engineering	JK Paper	4.2
169	Shraddha Yadav	170110057	Mechanical Engineering	Hero Motocorp	7.25
170	Kashi Nath Tripathi	170113012	Mechanical Engineering	Hindustan Unilever	7.0
171	Ashish Singh	170110020	Mechanical Engineering	Hero Motocorp	7.25
				Lohia Corp	5.0
172	Raj Sharma	170110042	Mechanical Engineering	TCS Digital	7.6
173	Ajitesh Pratap Singh	170110007	Mechanical Engineering	TechnipFMC	5.2
174	Akash gupta	170110008	Mechanical Engineering	Suzuki Motors	6.0
175	Bharat Tripathi	170110023	Mechanical Engineering	ZS Associates	8.93
176	Anjali Prakash	170110016	Mechanical Engineering	TechnipFMC	5.2
177	Rinku Yadav	170110045	Mechanical Engineering	Edvisor.com	4.0
178	Pyush Verma	170110041	Mechanical Engineering	Acquafront Infrastructure Pvt. Ltd.	5.0
179	Deepshikha Singh	170110024	Mechanical Engineering	LnT	6.5
180	Aditya Vikram Singh	170111002	Oil Technology	Adani Wilmar	4.5
181	Shubham Nayak	170111022	Oil Technology	Adani Wilmar	4.5
182	Vaishnavi Vishwakarma	170111028	Oil Technology	Cargill Co	4.5
183	Prashant Verma	170111011	Oil Technology	Cognizant Genc	4.5
184	Shiv Sharma	170111019	Oil Technology	JK Paper	4.2
				Cognizant Genc	4.5

185	Abhishek Mishra		Oil Technology	Emami Agrotech	4.25
186	Manas Varshney	170111010	Oil Technology	TCS NINJA	3.36
				Emami Agrotech	4.25
187	Sudhanshu Tripathi	170111024	Oil Technology	Emami Agrotech	4.25
				TCS NINJA	3.36
188	Satendra Kumar	170111028	Oil Technology	Sheel Oil and Fats	4.5
189	Rishabh Shukla	170112019	Plastic Technology	TCS NINJA	3.36
				Cognizant Genc	4.5
190	Abhinav Solanki	170112001	Plastic Technology	Hero Motocorp	7.25
191	Yashi Srivastava		Plastic Technology	Cognizant Genc	4.5
192	Aditya Prajapati	170112004	Plastic Technology	ExxonMobil	10.81
193	Saloni Maurya	170112022	Plastic Technology	Hero Motocorp	7.25
194	Anil Chaturvedi	170112007	Plastic Technology	Lohia Corp	5.0
				Hero Motocorp	7.25
195	Manas Bhasin	170112013	Plastic Technology	Indigo Paints	6.15
196	Anuj Singh	170112009	Plastic Technology	Lohia Corp	5.0
197	Dhairi Tripathi	170112011	Plastic Technology	TCS NINJA	3.36
198	Disha Singh	170112012	Plastic Technology	TCS NINJA	3.36
199	Suyash Mishra	170101029	Plastic Technology	Lohia Corp	5.0
200	Utkarsh Upadhyay	170113028	Paint Technology	Escorts Ltd.	5.0
201	Astha Gaur	170113006	Paint Technology	Hero Motocorp	7.25
202	Deeksha Dwivedi	170113007	Paint Technology	Hero Motocorp	7.25
203	Shubhangi Singh	170113026	Paint Technology	Hero Motocorp	7.25
204	Sawan Verma	170113022	Paint Technology	Hero Motocorp	7.25
205	Avneesh Chandra	170107007	Paint Technology	Indigo Paints	6.15
206	Tushar Gupta	170113027	Paint Technology	Lohia Corp	5.5
207	Akarshan Shukla	170113004	Paint Technology	Maruti Suzuki	8.4
208	Vanshika Poddar	170111029	Paint Technology	Maruti Suzuki	8.4
209	Prakhar Tiwari	170113016	Paint Technology	Maruti Suzuki	8.4
210	Rishabh Agrawal	170111012	Paint Technology	Maruti Suzuki	8.4
211	Shubham Srivastava	180231046	MCA	TCS DIGITAL	7.6
				Cognizant Genc	4.5
212	Ajeeta Shukla		MCA	Cognizant Genc	4.5
213	Anjali Agarwal	180231006	MCA	Cognizant Genc	4.5

214	Divya Pandey	180231015	MCA	Cognizant Genc	4.5
215	Km. Astha Gupta	180231011	MCA	Cognizant Genc	4.5
216	Vibhuti Bathla	180231055	MCA	Cognizant Genc	4.5
217	Vaishali Singh	180231054	MCA	DMI Finance	5.5
218	Vishal Maurya	180231059	MCA	Proctur	6.25
219	Vikas Singh	180231056	MCA	Proctur	6.25
220	Ayushi Srivastava	180231013	MCA	Kloudrac	2.8
				Proctur	6.25
221	Prerna Nagar	180231028	MCA	Josh Technologies	5.5
				Proctur	6.25
222	Vipin Verma	180231058	MCA	Proctur	6.25
223	Utkarsh Pratap Singh	180231053	MCA	Proctur	6.25
224	Abhishek Chaurasia	180231002	MCA	Cognizant Genc	4.5
				TCS NINJA	3.36
225	Khushbu Tiwari	180231020	MCA	DMI Finance	5.5
				TCS NINJA	3.36
226	Anurag Dwivedi	180231008	MCA	TCS NINJA	3.36
227	ASHISH KUMAR PANDEY	180231009	MCA	TCS NINJA	3.36
228	Astha Gupta	180231011	MCA	TCS NINJA	3.36
229	Bushra	180231014	MCA	TCS NINJA	3.36
230	Hari Krishna	180231018	MCA	Bravura	5.5
				TCS NINJA	3.36
231	Shaily Singh	180231040	MCA	TCS NINJA	3.36
232	Shatrughan Singh	180231042	MCA	TCS NINJA	3.36
233	Shruti Mishra	180231044	MCA	TCS NINJA	3.36
234	Shubham Pandey	180231045	MCA	TCS NINJA	3.36
235	Pradeep Singh Bharti	180231027	MCA	Xenonstack	4.5

17. Sponsored Research Project 2020-21

Sl. No.	Project Investigator(s)	Name of Dept.	Title of Project	Sponsoring Agency	Duration (in Year)	Amount Rs. (in Lakhs)
1.	Dr. Alak Kumar Singh	Food technology	DST-WOS-B	DST	3 Years	35.00
2.	Dr. A. K. Shankhwar	Electronics Engineering	TEQIP-III /AICTE	TEQIP-III /AICTE	1.75	17.8
3.	Mr. Brajesh Singh	Bio Chemical Engineering	Inspection of Gross Polluting Industries	Central Pollution control Board	1 Year	33.63
4.	Dr. Krishna Raj	Electronics Engineering	Kanpur Smart city limited	Kanpur Smart city limited	1 year	6.0
5.	Dr. Krishna Raj	Electronics Engineering	TEQIP-III /AICTE	TEQIP-III /AICTE	1.75	19.37
6.	Dr G.L Devnani	Chemical Engineering	Removal of Flouride from Ground Water using Low Cost Adsorbents and comparison with Nano Particles	SERB	3 Years	15.00

18. Detail of students who have submitted / defended their thesis in the year 2020-21

Sl. No.	Name of the Student	Name of The Supervisor	Name of the Dept.	Thesis Title	Name of the University	Submitted/ Defended
1.	Mr. Rekhnath Singh	Prof. Raghuraj Singh	CSE	Semantic Integration of Distributed Databases	HBTU	Awarded
2.	Ms. Neha Gupta	Dr. Yaduvir Singh	EE	An Efficient Maximum Power Point Tracking algorithm and Control for Variable Speed WECS	HBTU	Awarded
3	Ms. Prachi Shukla	Dr. Manoj K. Shukla	EE	Underwater Wireless Communication using IDMA Schme	HBTU	Awarded
4	Mr. Mohit	Dr. Anand Kumar	ME	Polymer Composite Based Microwave absorber	HBTU	Awarded

19. R&D achievements

(a) **Books / Book Chapters authored by faculty**

Sl. No.	Authors	Name of The Dept.	Title of the book	Title of the Chapter	Name of the Publisher	Year of Publication	ISBN No.
1	Prof. Dipteek Parmar	CE	Energy, Environment, and Sustainability	Measurement, Analysis and Remediation of Environmental Pollutants.	Springer International Publication, Singapore	2020	ISBN-10 : 981150542X ISBN-13 : 978-9811505423
2.	Prof.	CSE	Distributed Artificial	Real-Time Framework	Tayler &	2020	ISBN

	Raghuraj Singh		Intelligence	Competitive Distributed Dilemma	Fransis Group		9781003038467
3	Prof. Raghuraj Singh	CSE	Transforming Management with AI, Big-Data and IOT	Automating the Estimation of Index for Efficient Option Trading using Artificial Intelligenc	Springer	2020	ISBN 978-3-030-86749-2
4	Dr. Sanjiv Kumar	ET	Investigation In To The Performance Of Multi-Pulse AC-DC Converters		Lambert Academic Publishing	2020	ISBN 978-620-2-56332-1
5	M.K. Singh	EE	RENEWABLE ENERGY SOURCES: An Assessment in Environment Scenario	Green Electronics: A Need for a Sustainable Environment	Bharti Publications	2020	ISBN 978-3-030-66728-2
6	M.K. Singh	EE	Environmental Aspects of Alternative Energy Sources	Organic Photovoltaics: An Environment-Friendly Alternative Energy Source Wireless Sensor Networks	Bharti Publications	2020	ISBN 978-3-028-86759-2
7	Aditya Kumar and Dhamendra Kumar Singh	EE	ENVIRONMENTAL ASPECT OF ALTERNATIVE ENERGY SOURCE	RENEWABLE ENERGY RESOURCES	Bharti publication New Delhi	2020	ISBN 978-93-89657-43-2
8	Onkar Singh	ME	Musings on Education		Xpress Publishing, Notion Press, Chennai	2020	ISBN 978-1-63745-284-4
9	Dr. S.K.S. Yadav	ME	Advances in Unconventional Machining and	Development and Experimental Study of Ultrasonic Assisted	Springer link	2020	ISBN: 978-981-32-9471-4

			Composites	Electrical Discharge Machining			
10	Dr. S.K.S. Yadav	ME	Advances in Unconventional Machining and Composites	An Experimental Study of Electrochemical Spark Drilling (ECSD)	Springer link	2020	ISBN: 978-981-32-9471-4
11	Dr. S.K.S. Yadav	ME	Numerical Optimization in Engineering and Sciences	Modelling of material removal rate and hole circularity on soda lime glass for Ultrasonic Drilling	Springer, Singapore	2020	10.1007/978-981-15-3215-3_49
12	Dr. S.K.S. Yadav	ME	Numerical Optimization in Engineering and Sciences	Modelling of Material Removal Rate of Soda Lime Glass for Rotary Ultrasonic Drilling	Springer, Singapore	2020	10.1007/978-981-15-3215-3_49
13	Dr. Lalit Kumar Singh	BE	Crops in Agriculturally Important Fungi for Sustainable Agriculture, Fungal Biology	Phytohormones Producing Fungal Communities: Metabolic Engineering for Abiotic Stress Tolerance	Springer Nature Switzerland AG	2020	Print ISBN 978-3-030-45970-3
14	Dr. Lalit Kumar Singh	BE	Antifungal Plant Growth Promoting Silver Nanoparticles by Trichoderma		Lap Lambert Academic Publishing Mauritius.	2020	ISBN: 978-620-2-68141-4
15	Hifzan Ahmad and Narendra Kohli.	CSE	Effect of Carcinogenic Polycyclic Aromatic Hydrocarbons on Environment	Biodegradation of Anthracene and Naphthalene	Lap Lambert Academic Publishing Mauritius	2020	ISBN: 978-620-3-02487-6

(b) List of publications in Research Journals 2021-22

S.No	Authors	Deptt.	Title of Paper	Name of Journal	Vol. /No.	Year
1	S. Tiwari, K. Srivastava, C.L. Gehlot, D. Srivastava	Chemistry	Studies on Mechanical and Thermal Properties of Epoxy/Fly ash/Nanofiller Nanocomposites: A review, 120-139	International J. of Civil Engineering. and Technology	11(2)	2020
2	B. Singh, C. Lal, and N. Kumar	Chemistry	Utilization of Mixed Naphthol Green B and Janus Green B Dyes as Photosensitizer in Photogalvanic Cell for Solar Energy Conversion and Storage,1914-1920	Asian J. of Chemistry	32(8)	2020
3	N. Kumar, C. Lal , B. Singh, and A.K. Patel	Chemistry	Synthesis and Biological Activities of Some Novel Spiro Heterocyclic Pyrrolizidine Derivatives of 11H-Indeno[1,2-b] Quinoxaline through 1,3-dipoar Cycloaddition, 1255-1258	Asian J. of Chemistry,	32(5)	2020
4	S. Tiwari, C.L. Gehlot, D. Srivastava	Chemistry	Epoxy/Fly ash from Indian Soil Chulha/Nano CaCO ₃ Nanocomposite: Studies on Mechanical and Thermal Properties, 3237-3249	J. Polymer Composites,	41(8)	2020
5	V.K. Yadav, P. Saxena, C.Lal, G. Ganamoorthy, N. Chaudhary, B. Singh, N. Tavker, H. Kalasariya, P. Kumar.	Chemistry	Synthesis and Characterization of Mullites from Silico Aluminous Fly Ash Waste,10-24	International Journal of Applied Nanotechnology Research,	5(1)	2020
6	B. Singh, C. Lal	Chemistry	Enhanced Efficiency of Photogalvanic Cell based on Mixed Triphenylmethane Dyes,466-470	Asian J. Chemistry,	32(2)	2020
7	R. Gupta, C.L. Gehlot, and S.K. Yadav	Chemistry	A Review on Processing Methods for Agricultural Waste Derived Adsorbents for Pb (II) ions Sequestration from Wastewater	J. Separation Science and Technology,	57(17)	2021

8	S.G. Prasad, C. Lal, K.R. Sahu, A. Saha, Udayan De	Chemistry	Spectroscopic Investigation of Degradation Reaction Mechanism in γ Rays Irradiation of HDPE, 9405-9419	Journal of Biointerface Research in Applied Chemistry,	11(2)	2021
9	B. Mohan, S. Muhammad, A. G. Al-Sehemi, S. Bharti, <u>Santosh Kumar</u> , M. Choudhary	Chemistry	Synthesis of copper (II) coordination complex, its molecular docking and computational exploration for novel functional properties: A dual approach	Chemistry Select,	6(4)	2021
10	S. Jaiswal, P.K. Dutta, <u>Santosh Kumar</u> , Ruchi Chawla	Chemistry	Chitosan modified by organo-functionalities as an efficient nanoplatform for anti-cancer drug delivery process	Journal of Drug Delivery Science and T2022echnology	62	2021
11	Sandhya Rani Verma, Ram Naresh, Manju Agarwal, Shyam Sundar	Mathematics	Role of environmental factors on the spread of bacterial diseases: A modeling study	Computational Ecology and Software	10(2)	2020
12	Shyam Sundar, Ashish Kumar Mishra, Ram Naresh, J. B. Shukla	Mathematics	Mathematical modelling of the control of methane emissions caused by rice paddies and human activities: Effects of mitigation options	World Journal of Modeling and Simulation,	2(1)	2020
13	J.B. Shukla, Shyam Sundar, Ashish Kumar Mishra, & Ram Naresh	Mathematics	Numerical model on methane emissions from agriculture sector,	International Journal of Big Data Mining for Global Warming	2(1)	2020
14	Savita Singh, Alok Singh and Sudhir Kumar Sharma	Physics	Analytical Prediction Models for Density, Thermal Conductivity and Mechanical Strength of Micro-scaled Areca Nut Powder-Reinforced Epoxy Composites	Journal of the Institution of Engineers (India): Series C	101(1)	2020

15	Bhavana Pandey, Santosh Kumar Upadhyay, Lalit Kumar Singh	Biochemical Engineering	Bioconversion of crude glycerol to biosurfactant using <i>Pseudomonas aeruginosa</i> in a bioreactor under optimized conditions	Int. J. New Innov. Eng.Tech.	13(3)	2020
16	Husain Shoaab Muzaffar, Nigam Mohit, Singh Lalit Kumar and Awasthi Garima	Biochemical Engineering	Kinetic Study of Dyes Degradation by <i>Aspergillus niger</i> in Submerged Fermentation	Res. J. Chem. Environ.	9(2)	2020
17	Esha Dwivedi, Lalit Kumar Singh	Biochemical Engineering	Extraction of rice bran oil via ultrasound using n-hexane as a solvent	International Journal of Research and Analytical Reviews	12(2)	2020
18	Dr. Rajesh Katiyar et al.	Chemical Engineering	Dielectric and radar-absorbing properties of exfoliated graphite dispersed epoxy	Journal of Electronic Materials	49	2020
19	S. K. Gupta, Subhi Rizvi & Lalit Goswami	Chemical Engineering	A holistic approach for melanoidin removal via Fe-impregnated activated carbon prepared from <i>Mangifera indica</i> leaves biomass	Bioresource Technology Reports	12	2020
20	S. K. Gupta & Ghazi Mohd. Sawood	Chemical Engineering	Arsenate adsorption from aqueous solution using iron-loaded <i>Azadirachta indica</i> roots: batch and fixed-bed column study	Desalination and Water Treatment	203	2020
21	S. K. Gupta, Neeta Singh & P.K.S. Yadav	Chemical Engineering	Strategies and Characterization methods in the Preparation of Polymeric Surfactants for various Applications	Rasayan JI. Chem	13(3)	2020
22	S.K. Gupta & Ghazi Mohd. Sawood	Chemical Engineering	Kinetic equilibrium and thermodynamic analyses of As (V) removal from aqueous solution using iron-impregnated <i>Azadirachta indica</i> carbon	Applied Water Science	10	2020
23	Dr. A. K. Rathore et al.	Chemical Engineering	Investigation of kinetic and thermodynamic parameters for pyrolysis of peanut shell using thermogravimetric analysis	Biomass Conversion and Biorefinery	11	2020
24	G.L Devnani, Shishir Sinha et al.	Chemical Engineering	Potable Water Production Via Desalination Technique Using Solar Still Integrated with Partial Cooling Coil Condenser	Sustainable Energy Technologies and Assessments	43	2021

25	Vigyan Nidhi, Deepesh Singh and G.L. Devnani	Chemical Engineering	Fly ash mediated epoxy composites: a review	Journal of Indian chem. Society	97	2020
26	Devnani, G. L., & Sinha	Chemical Engineering	African Teff Straw as a Potential Reinforcement in Polymer Composites for Light-Weight Applications: Mechanical, Thermal, Physical, and Chemical Characterization before and after Alkali Treatment	Journal of Natural Fibers	17	2020
27	Anil Kumar Varma, Shweta Singh, Ashwani Kumar Rathore, Lokendra Singh Thakur, Ravi Shankar, Prasenjit Mondal	Chemical Engineering	Investigation of kinetic and thermodynamic parameters for pyrolysis of peanut shell using thermogravimetric analysis	Biomass Conversion and Biorefinery	10(3)	2020
28	S. K. Gupta, Ghazi Mohd. Sawood & Ashutosh. Mishra	Chemical Engineering	Optimization of Arsenate Adsorption over Aluminum-Impregnated Tea Waste Biochar Using RSM–Central Composite Design and Adsorption Mechanism	Jl. Of Hazard, Toxic Radioactive Waste	25(2)	2021
29	S. K. Gupta, Neeta Singh & Praveen Yadav	Chemical Engineering	Synthesis and Performance Evaluation of Green Anionic Polymeric Surfactant for Detergent Application	Asian JI of Chemistry	33(2)	2021
30	Dr. Rajesh Katiyar, Dr. A. K. Rathore	Chemical Engineering	Modelling of Particle Size Distribution in Butyl Acrylate Emulsion Polymerization in a Batch Reactor	Indian Chemical Engineer	63(3)	2021
31	Dr. Rajesh Katiyar, Dr. A. K. Rathore	Chemical Engineering	Thermal, kinetic and thermodynamic study for co- pyrolysis of pine needles and styrofoam using thermogravimetric analysis	Energy	218	2021
32	Dr. Vivek Kumar	Food Technology	Cultivars Effect on the Physical Characteristics of Pumpkin (<i>Cucurbita moschata</i> Duch.) Seeds and Kernels. PP: 631-641	Journal of The Institution of Engineers (India): Series A	101(6)	2020

33	Dr. Vivek Kumar	Food Technology	Isolation, characterization of fenugreek gum and its effect on quality of chapatti (Indian unleavened flat bread). PP: 2091-2097	Materials Today: Proceedings	43(2)	2021
34	Dr. Vivek Kumar	Food Technology	Pretreated Indian Gooseberry (<i>Emblica officinalis</i>) Segments: Kinetic, Quality and Microstructural Parameters. 523-534	Journal of The Institution of Engineers (India): Series A	102 (2)	2021
35	Dr. Pramendra Gaurh	Leather Technology	Performance and Reusability Assessment of Zsm-5 for the Production of Lighter Aromatics via Pyrolysis of Waste Polystyrene	Indian journal of chemical technology (IJCT)	27(5)	2020
36	Sumant Chatterjee	Leather Technology	Enzymes in Leather Industry	LeatherAge Magazine	Mar-21	2021
37	Sumant Chatterjee	Leather Technology	Natural Resins	LeatherAge Magazine	Apr-21	2021
38	S C Mishra, and R K Trivedi	Oil Technology	Coconut Oil Based Low Temperature Hair Oil Formulations	TEST Engineering and Management	63	2020
39	S C Mishra, and R K Trivedi	Oil Technology	Coconut oil based low temperature liquid hair oil formulations with ester modification	TEST Engineering and Management	63	2020
40	Neeta Singh, S.K. Gupta, P.K.S. Yadav	Oil Technology	Strategies and Characterization Methods in the Preparation of Polymeric Surfactants for Various Applications	Rasayan Journal of Chemistry	10	2020
41	Neeta Singh, S. K. Gupta, P. K. S. Yadav	Oil Technology	Synthesis and Performance Evaluation of Green Anionic Polymeric Surfactant for Detergent Application	Asian Journal of Chemistry	33(2)	2021
42	Surabhi Rajwani and P.K.S. Yadav	Oil Technology	Synthesis of biolubricant via Chemical Modification from Vegetable Oil Blend using Heterogeneous Catalyst	Asian Journal of Chemistry	33(5)	2021
43	Shipli Tiwari, Chhagan Lal, and Deepak Srivastava	Plastic Technology	Epoxy/ Fly ash from Indian soil Chulha/ nano CaCO ₃ , nanocomposite: Studies on mechanical and thermal properties	Polymer Composites.	41(8)	2020

44	Indrajit Sen, Deepak Srivastava, Manjeet Aggarwal and Rakesh Kumar Khandal	Plastic Technology	Carbitol as adulterant in menthol; analytical method for quantitative analysis of adulteration	AIMS Agriculture and Food	5(1)	2020
45	Shilpi Tiwari, Chhagan Lal, and Deepak Srivastava	Plastic Technology	Synergistic Influence of CaCO ₃ Nanoparticle on the mechanical and thermal of fly ash reinforced epoxy polymer composites	Materials Today: Proceedings	43(6)	2021
46	Harendra Kumar, Javed Ahmed Rizvi and Deepak Srivastava	Plastic Technology	Effect of concentration of MMT nanoclay on the mechanical, thermal and electrical properties of NBR/PP Elastomeric nanocomposites	Rasayan J Chem. (RJC)	21(2)	2021
47	SC Prajapati & PK Kamani	Paint Technology	Preparation and Characterization of Acrylic Resin for Electrodeposited Mono-coat Coatings	Indian Chemical Engineer, Published online	63	2020
48	Durgesh Kumar Soni, Dr. Arun Maithani & Dr. PK Kamani	Paint Technology	Non-Isocyanate Polyurethane using Glycidyl Acrylate Monomer	Paint India	Feb, 2021	2021
49	Parmar, D., Keshari, A.K.	Civil Engineering Department	Discussion of water Quality-Based Environmental Flow under Plausible Temperature and Pollution Scenarios by Shushobhit Chaudhary, C. T. Dhanya, Arun Kumar, and Rehana Shaik	Journal of Hydrologic Engineering	25(6)	2020
50	Nidhi, V., Singh, D., Devnani, G.L.	Civil Engineering Department	Fly ash mediated epoxy composites: A review	Journal of the Indian Chemical Society	97(7)	2020
51	Parmar, D.	Civil Engineering Department	Discussion of effect of water shortage and pollution of irrigation water on water reuse for irrigation in the Nile delta by Walaa Assar, Mona G. Ibrahim, Wael Mahmod, Ayman Allam, Ahmed Tawfik, and Chihiro Yoshimura	Journal of Irrigation and Drainage Engineering	147(2)	2021

52	Parmar, D.	Civil Engineering Department	Discussion of effect of water shortage and pollution of irrigation water on water reuse for irrigation in the Nile delta by Walaa Assar, Mona G. Ibrahim, Wael Mahmod, Ayman Allam, Ahmed Tawfik, and Chihiro Yoshimura	Journal of Irrigation and Drainage Engineering	147(2)	2021
53	Mayur Rahul, Narendra Kohli and Rashi Agarwal	Computer Science & Engineering	Facial Expression Recognition using Local Multidirectional Score Pattern (LMSP) descriptor and Modified Hidden Markov Model	International Journal of Advanced Intelligence	18(4)	2020
54	Sudheer Kumar Singh, Dr. Prabhat Verma, Dr. Pankaj Kumar	Computer Science & Engineering	A Mathematical Prediction Model on Sentiment analysis of Twitter data	International Journal of Psychosocial Rehabilitation	24(8)	2020
55	Anand Handa, Rashi Agarwal, Narendra Kohli	Computer Science & Engineering	A multimodal keyword spotting system based on lip movement and speech features	Multimedia Tools and Applications	79	2020
56	Prashant Kumar Mishra, Raghuraj Singh, Vibhash Yadav	Computer Science & Engineering	Improving reliability in MAS by rule-based logic and cryptographic techniques	International Journal of Advanced Intelligence Paradigms	16(3-4)	2020
57	Sudheer Kumar Singh, Dr. Prabhat Verma, Dr. Pankaj Kumar	Computer Science & Engineering	Sentiment analysis using machine learning teching on twitter: a critical review	Advances in Mathematics: Scientific Journal	9	2020
58	Anand Handa, Rashi Agarwal, Narendra Kohli	Computer Science & Engineering	Incremental approach for multi-modal face expression recognition system using deep neural networks	International Journal of Computational Vision and Robotics	11(1)	2021
59	Rohit Sharma, Prateek Gupta and Raghuraj Singh,	Computer Science & Engineering	Resource provisioning optimization for cloud computing systems serving multi-class requests	International Journal of Ad Hoc and Ubiquitous Computing	10(2)	2021

60	Mayur Rahul, Narendra Kohli, Rashi Agarwal	Computer Science & Engineering	Facial expression recognition using local multidirectional score pattern descriptor and modified hidden Markov model	International Journal of Advanced Intelligence Paradigms	18(4)	2021
61	Vineeta Singh and Vandana Dixit Kaushik	Computer Science & Engineering	Renyi entropy and atom search sine cosine algorithm for multi focus image fusion	springer.com journal	15	2021
62	PragatiUpadhyay, Manoj Kr. Pandey andNarendraKohli	Computer Science & Engineering	Periodic pattern mining from spatio-temporal database using novel global pollination artificial fish swarm optimizer based clustering and modified FP tree	InternationalJournalSoftComputing	25	2021
63	Shivani Awasthi , Narendra Kohli	Computer Science & Engineering	Analysis and design of Efficient HDFS data encryption algorithm	International Journal of Algorithms Design and Analysis	7(2)	2021
64	Dr. Sanjiv Kumar	Electrical Engineering	Matlab Simulation Study and Comparison of Different Multiple Carrier PWM Schemes For Multi Level CHB Inverter	IEEE First International Conference on Smart Technologies for Power, Energy and Control	Dec-20	2020
65	Dr. Sanjiv Kumar	Electrical Engineering	Risk factors for and prediction of post-intubation hypotension in critically ill adults: a multicenter prospective cohort study	PloS one	15(8)	2020
66	Dr. Sanjiv Kumar	Electrical Engineering	Optical solitons with Kudryashov's equation by Lie symmetry analysis	Physics of Wave Phenomena	28	2020
67	Aditya Kumar, Dharmendra Kumar Singh	Electronics Department	A Novel Reflector Antenna with Feed of Dipole arm Based Microstrip Antenna	IJAEM	2(1)	2020
68	Prerna Singh, Prof. Rachana Asthana	Electronics Department	Comparative Study of Spare capacity Optimization	Nonlinear Optics, Quantum Optics: Concepts in Modern Optics	52(1-2)	2020
69	Shailendra Mishra, Manoj K. Shukla	Electronics Department	Forensic Analysis of Third-Party Mobile Application	Helix	10(4)	2020

70	Yahya Abssi, Shailendra Mishra, Manoj K. Shukla	Electronics Department	Cloud Computing and Security in IoT Era	Helix	10(4)	2020
71	P. S. Sharma, Vijay Sandeep, Manoj K. Shukla	Electronics Department	Ultra-Wideband Technology: Standards, Characteristics and Applications	Helix	10(4)	2020
72	P. S. Sharma, Vijay Sandeep, Manoj K. Shukla	Electronics Department	Design and Development of IOT Based Smart Library using Line Follower Robot	International Journal on Emerging Technologies	11(2)	2020
73	Roopali Agarwal, Manoj K. Shukla	Electronics Department	Transmit Antenna Selection Strategies for SC- FDMA-IDMA Massive MIMO Systems	Universal Journal of Electrical and Electronic Engineering	7(3)	2020
74	Mohit Kumar Srivastava, Manoj K. Shukla, A. K. Shankhwar	Electronics Department	A Hybrid Scheme for Low PAPR in Filter Bank Multi Carrier Modulation	Wireless Personal Communication, Springer Publication	113	2020
75	Rajani Bisht, M.J. Akhtar, S. Qureshi	Electronics Department	Design of Reconfigurable Multi-Band Low-Noise Amplifiers for 802.11ah/b/g and DCS-1800 Applications	International Journal of Electronics and Communications,	120	2020
76	Sadhana Pal, A. K. Shankhwar	Electronics Department	Design and Analysis of Slotted Patch Microstrip Antenna	International Journal of Emerging Technology and Advanced Engineering	10(5)	2020
77	Pooja Nishad1 , Ashok Kumar Shankhwar2	Electronics Department	Energy Efficiency Adapted Sector based Stable Election Protocol in Wireless Sensor Networks	International Journal for Research in Applied Science and Technology	8(6)	2020
78	Avani Kesarwani, Dr. Ashutosh Singh	Electronics Department	Community Detection with Influential and Follower Nodes	International Journal of Advances in Engineering and Management	2(1)	2020

79	Sayantari Ghosh, Kumar Gaurav, Saumik Bhattacharya & Yatindra Nath Singh	Electronics Department	Ensuring the spread of referral marketing campaigns: a quantitative treatment	Scientific Reports, Nature Research	10(1)	2020
80	Ashutosh Pandey , Ms. Rajani Bisht	Electronics Department	Design of Low- Power Reconfigurable LNA for Multi- Standard Receiver, Volume 8, Issue VI June	IJRASET	8(6)	2020
81	Sonal Yadav, Krishna Raj	Electronics Department	“Contrast And Color Correction Techniques For Deep Submarine Images”, pp: 514-518	International Journal of Advances in Engineering and Management (IJAEM)	2(1)	2020
82	Prakhar Kumar Sonkar, Krishna Raj	Electronics Department	“Comparison of image dehazing using dark channel prior with edge preserving filters”	International Journal of Advances in Engineering and Management (IJAEM)	2(1)	2020
83	SKS Yadav	Mechanical Engineering	Multi-Response Optimization of Vibration Assisted Electrical Discharge Drilling Process using PCA based GRA approach	Selected for publication in Materials Today: Proceedings	22(4)	2020
84	Gangesh Kr Rai, Dr. Vinay Pratap Singh,	Mechanical Engineering	Analysis of nanocellulose reinforced epoxy composite plate	International Research Journal of Engineering and Technology,	7(9)	2020
85	SKS Yadav	Mechanical Engineering	Experimental Analysis of Electrical Discharge Drilling (EDD) of Carbon-Carbon Composite	Selected for publication in Materials Today: Proceedings	22(4)	2020
86	J Bhaskar, AK Sharma, B Bhattacharya, S Adhikari	Mechanical Engineering	A review on shape memory alloy reinforced polymer composite materials and structures	Smart Materials and Structures,	29(7)	2020
87	Shailja Awasthi, Vinay Pratap Singh,	Mechanical Engineering	Design and analysis of tooth abutment implant	Journal of Dental Implants, Wolters Kluwer -.Medknow	10	2020

88	Dr. V.P. Singh, Ranveer Soni	Mechanical engineering	Fabrication and experimental analysis of hydroxyapatite based composite materials for medical implants	Materials Today: Proceedings	42(4)	2020
89	Dr. V.P.Singh, Dr. Anand Kumar, Arjun Diwaker	Mechanical Engineering	Mechanical Properties Evaluation of Concrete with Crumb Rubber Particles used as Fine Aggregate	Usak University Journal of Engineering Sciences	4(1)	2021
90	PK Yadav, K Singh, J Bhaskar	Mechanical Engineering	Effect of Infill Percentage on Vibration Characteristic of 3D-Printed Structure	Advances in Manufacturing and Industrial Engineering,	6	2021
91	Dr. V.P. Singh, Ruchi Gupta	Mechanical Engineering	Determination of Mechanical Properties and Physical Characterization of HA-ZnO-Fe ₃ O ₄ Composites for Implant Applications	Journal of Materials Engineering and Performance, ASM Internantional	2	2021
92	Onkar Singh, Jatin Sachdeva	Mechanical Engineering	Comparative evaluation of solarized triple combined cycle for different ORC fluids	Renewable Energy	163	2021

20. Testing and Consultancy project

Sl. No.	Client	Depratment	Amount (Rs)
1	PM Constr. Unit UP Jal Nigam Ghatampur	Civil Engineering	59000.00
2	Testing & Consultancy	Civil Engineering	26550.00
3	Lalit Kishor Const.,24 Gayatri Puram, Lucknow	Civil Engineering	29500.00
4	EE RES Department P.I.U. Etawah	Civil Engineering	11800.00
5	EE RES Department P.I.U. Etawah	Civil Engineering	70800.00
6	Suresh Chandra Gupta C/o EE-2 Nagar Nigam Kanpur	Civil Engineering	35400.00
7	Testing & Consultancy	Civil Engineering	26550.00
8	Testing & Consultancy	Civil Engineering	26550.00
9	Kanwar Enterprises Pvt. Ltd. Delhi	Civil Engineering	217120.00
10	Unit Incharge,Medical College Hardoi	Civil Engineering	59000.00
11	Unit Incharge, Maint. Unit UPRNN Ltd.,Lucknow	Civil Engineering	59000.00
12	Kanwar Enterprises Pvt. Ltd. Delhi	Civil Engineering	217120.00
13	Testing & Consultancy	Civil Engineering	1210754.00
14	PM Unit-48 C&DS Mahoba C/o EE TAC RanaPratap Marg	Civil Engineering	40653.00
15	Testing & Consultancy	Civil Engineering	27000.00
16	Testing & Consultancy	Civil Engineering	54000.00
17	B.P.Cosnt. C/o EE PD PWD Moradabad	Civil Engineering	59000.00
18	Site Eng., VA Tech WAB AC Ltd. Kanpur	Civil Engineering	129800.00
19	Ajay Kumar Tiwari & Sons 149 Krishna Nagar Unnao	Civil Engineering	17700.00
20	J.K. Traders C/o EE N H Divi. LNV Kanpur	Civil Engineering	70800.00
21	Raj Corporation Ltd. Panjabi Colony Manpuri	Civil Engineering	35400.00
22	Testing & Consultancy	Civil Engineering	25960.00
23	EE PD LNV Kanpur C/o Tech. Examinar TAC Kanpur Divi	Civil Engineering	61360.00
24	GKR Infratech Pvt. Ltd. C/o Dy. Director RkU Mandi	Civil Engineering	59000.00
25	Banthal Industrial Pollution Control Company,	Food Tech	21240.00
26	Testing & Consultancy	Civil Engineering	19440.00
27	Ravindra Pratap Shahi C/o EE Provinal Division LNV	Civil Engineering	76700.00
28	EE PD LNV Kushnigar	Civil Engineering	123900.00
29	EE CD LNV Kushi Nagar	Civil Engineering	76700.00
30	EE UPRNSS Const. Divi Chitrakoot Dham MIG-13 Banda	Civil Engineering	141600.00
31	EE UPRNSS Const. Divi Chitrakoot Dham MIG-13 Banda	Civil Engineering	30680.00
32	EE UPRNSS Const. Divi Chitrakoot Dham MIG-13 Banda	Civil Engineering	30680.00
33	EE UPRNSS Const. Divi Chitrakoot Dham MIG-13 Banda	Civil Engineering	15340.00
34	PM Unit43 C&DS UP Jal Nigam Farrukhabad	Civil Engineering	123900.00
35	A.M. Beston Barra-2 Kanpur	Civil Engineering	25960.00
36	M/s Mukesh Agarwal,Indira Nagar,Lucknow	Civil Engineering	29500.00
37	Pramod Kr. Gupta C/o EE N.H Divi. LNV Bareli	Civil Engineering	118000.00
38	A.M. Beston Barra-2 Kanpur	Civil Engineering	25960.00
39	EE RES Department P.I.U. Etawah	Civil Engineering	177000.00

40	EE Tamp Divi. L.N.V Kannauj	Civil Engineering	212400.00
41	EE Rural Engg. Deptt. Divi. Hamirpur	Civil Engineering	29500.00
42	Rajendra Kumar C/o EE PD LNV Kannauj	Civil Engineering	70809.44
43	EE CD-2 UP Jal Nigam, Lucknow	Civil Engineering	41300.00
44	V.P. Bilders C/o EE CD-1 LNV Mathura	Civil Engineering	35400.00
45	PM Unit43 C&DS UP Jal Nigam Farrukhabad	Civil Engineering	70800.00
46	Ambe Traders C/o EE CD-1 LNV KANPUR DEHAT	Civil Engineering	17700.00
47	A.A. Brother & Co. C/o Sr. Opration Offices Kanpur	Civil Engineering	17700.00
48	EE CD UP Jal Nigam, Hamirpur	Civil Engineering	29500.00
49	Deepak Const. C/o EE Provinal Divi. LNV Kanpur Deha	Civil Engineering	35400.00
50	Bright Tanning Industries, Jajmau, Kanpur	Bio-Chemical Engineering	29500.00
51	Ex.Eng Zone-2 KDA Kanpur	Civil Engineering	29500.00
52	Ajay Kumar Tiwari & Sons 149 Krishna Nagar Unnao	Civil Engineering	21240.00
53	Swadeshi Civil Infrastructure Pvt.Ltd.	Food Tech	10497.00
54	EE Rural Engg. Department Division Amroha	Civil Engineering	29500.00
55	Nodal Officer, Jhansi Smart City, Jhansi	Civil Engineering	945236.00
56	Jeet Const. C/o EE NH Divi. LNV Ghaziabad	Civil Engineering	59000.00
57	Bundel Khand Const. C/o EE CD-2 LNV Banda	Civil Engineering	35400.00
58	V.P. Bilders C/o EE CD-1 LNV Mathura	Civil Engineering	35400.00
59	EE PD LNV Kanpur C/o Tech. Examinar TAC Kanpur Divi	Civil Engineering	212400.00
60	Navdurga Electro. Const. Co. C/o EE UP PTCL Kanpur	Civil Engineering	35400.00
61	EE Rural Engg. Deptt. Divi. Hamirpur	Civil Engineering	46020.00
62	Testing & Consultancy	Civil Engineering	54250.00
63	EE UPRNSS Banda	Civil Engineering	23600.00
64	EE UPRNSS Banda	Civil Engineering	23600.00
65	EE UPRNSS Banda	Civil Engineering	23600.00
66	Om Shrimart Const. Kanpur River Management Pvt.Ltd.	Civil Engineering	129800.00
67	Techno Hides,(Old Name)-K.C.Tan Industries	Bio-Chemical Engineering	29500.00
68	Juneja Const. C/o EE PD LNV Gautambudh Nagar	Civil Engineering	31860.00
69	Inventiv Software Solution C/o EE PD LNV Etha	Civil Engineering	5900.00
70	PM UPRNN Kanpur C/o EE PD LNV Kanpur Dehate	Civil Engineering	11800.00
71	Jagmohan Singh C/o EE Const. Divi. LNV Badayn	Civil Engineering	5900.00
72	Central India Eng. Lab, Mandi , Road, Jhasi	Civil Engineering	29500.00
73	Jeet Const. C/o EE NH Divi. LNV Ghaziabad	Civil Engineering	70800.00
74	Testing & Consultancy	Civil Engineering	70800.00
75	Astt.Karyapalak Abhiyanta LCSD-1 CPWD,C/o Uttam Pr.	Civil Engineering	141600.00
76	Executive Engineer Constrn.Div.-2 PWD Agra	Civil Engineering	59000.00
77	PM Constrn.Unit-2 UP Avas Vikas Parishad, Kanpur	Civil Engineering	392265.00
78	Deep Builders C/o EE CD-2 LNV Kanpur Nagar	Civil Engineering	5900.00
79	Peragon Const. C/o EE Const Divi. LNV Kanpur Nagar	Civil Engineering	5900.00
80	Testing & Consultancy	Civil Engineering	17700.00

81	PM UPPCL Etawah C/o Dy.Director Yuva Kallyan Agara	Civil Engineering	31860.00
82	PM Unit-29, Construction& Design Services	Civil Engineering	59000.00
83	D.D. Ahuja & Bros C/o Asstt.Eng.LCSD-I CPWD Lucknow	Civil Engineering	141600.00
84	Satya Constr. Co. C/o EE Zone-2 Nagar Nigam Kanpur	Civil Engineering	15430.00
85	Nagar Abhiyanta, Nagar Nigam Lucknow	Civil Engineering	29500.00
86	Vishnu Saran & Co. C/o AE Div-II CPWD Kanpur	Civil Engineering	70800.00
87	Vishnu Saran & Co. C/o PM NBCC ,SSB Maharajganj	Civil Engineering	88500.00
88	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	44840.00
89	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	36580.00
90	A.V. Const. C/o EE CD-2 LNV Pratapgarh	Civil Engineering	53100.00
91	Supendra Singh Raipuriya C/o EE CD-2 LNV Firozabad	Civil Engineering	59000.00
92	EE Pro Div, LNV Lalitpur	Civil Engineering	59000.00
93	The PM Gomti Pollution Control Unit.UPJN C/o Ajay P	Civil Engineering	29500.00
94	S.S. Infra Zone-NF(JV) Vibhuti Khan Lucknow	Civil Engineering	17700.00
95	Indian Cement Products Defance Colony Kanpur	Civil Engineering	11800.00
96	EE PD L.N.V Kanpur Dehat	Civil Engineering	29500.00
97	Kundal Industries 33, Kasya Road Gorakhpur	Civil Engineering	17700.00
98	B.N. Enterprises C/o Manager Rites Ltd KDA Campus	Civil Engineering	31860.00
99	Testing & Consultancy	Civil Engineering	29500.00
100	Raja Const.& Eng. C/o EE PD LNV Gautambhudh Nagar	Civil Engineering	76700.00
101	Juneja Const. C/o EE PD LNV Gautambudh Nagar	Civil Engineering	165200.00
102	Graceland Developers Pvt.Ltd. Civil Lines Kanpur	Civil Engineering	35400.00
103	Satish Kumar&Co. C/o Sr. Manager Civil UPSIDA Unnao	Civil Engineering	41300.00
104	Testing & Consultancy	Civil Engineering	29500.00
105	DESIGN POINT,BGF ROYAL COURT,LUCKNOW	Civil Engineering	29500.00
106	M/s Anil Kumar,Plot No-68 Araji No.-916,Kanpur	Civil Engineering	59000.00
107	Shapoorji Pallonji & Co. Pvt.Ltd. Rajasthan	Paint Technology	37170.00
108	Shapoorji Pallonji & Co. Pvt.Ltd.	Civil Engineering	27000.00
109	EE CD-1 LNV Unnao	Civil Engineering	59000.00
110	Testing & Consultancy	Civil Engineering	31860.00
111	Testing & Consultancy	Civil Engineering	5900.00
112	EE RED Division Kanpur	Civil Engineering	86730.00
113	Shashank Enterprises Gram-III Lucknow	Civil Engineering	9440.00
114	Ram Kumar Prasad C/o EE Const. Dividion-4 LNV	Civil Engineering	69620.00
115	Jandish Saran C/o EE CD-4 LNV Prayagraj	Civil Engineering	57820.00
116	Principal,Kendriya Vidyalay,Chakeri,Kanpur	Civil Engineering	59000.00
117	Raj Indra Const. Pvt. Ltd. C/o EE PD LNV Gautambhud	Civil Engineering	17700.00
118	Raj Indra Const. Pvt. Ltd. C/o EE PD LNV Gautambhud	Civil Engineering	17700.00
119	The PM, SUDA Unit-1, UPRNN, Bareilly	Civil Engineering	54000.00
120	Seema Constr. C/o EE PD LNV Gautambudha Nagar	Civil Engineering	35400.00
121	Seema Constr. C/o EE PD LNV Gautambudha Nagar	Civil Engineering	17700.00
122	Seema Constr. C/o EE PD LNV Gautambudha Nagar	Civil Engineering	35400.00
123	PM, Suda Dedicated Unit-1,Anand Vihar Colony,Barely	Civil Engineering	81000.00

124	PM, Suda Dedicated Unit-1,Anand Vihar Colony,Barely	Civil Engineering	81000.00
125	PM Unit-5 C&DS UPJal Nigam Kanpur	Civil Engineering	29500.00
126	PM UNIT-48 C&DS,UP JAL NIGAM,MAHOBA	Civil Engineering	18560.00
127	EE CONSTRUCTION DIVISION-3 PWD SULTANPUR	Civil Engineering	177000.00
128	U.P Pollution Control Board, Avas Vikas,Unnao	Food Tech	17110.00
129	Testing & Consultancy	Civil Engineering	5400.00
130	Dharmendra Singh C/o EE PD LNV Unnao	Civil Engineering	11800.00
131	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	62540.00
132	EE Construction Div-2 LNV Fathpur	Civil Engineering	23600.00
133	EE UPRNSS Etawah	Civil Engineering	43660.00
134	M/s Singh Traders C/o Manager Civil Rites Ltd KDA	Civil Engineering	31860.00
135	Suraj Builders C/o Sr. Manager Transa Ganga City	Civil Engineering	115640.00
136	EE CD-17 UP Avas Vikas Prishad Kanpur	Civil Engineering	29500.00
137	E.E., UPRNSS , Kanpur	Civil Engineering	70800.00
138	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	23600.00
139	Vishnu Saran & Co. CPWD Amethi	Civil Engineering	70800.00
140	Jai Prakash & Sons,IIT PROJECT , KANPUR	Civil Engineering	100300.00
141	Jai Prakash & Sons,IIT PROJECT , KANPUR	Civil Engineering	166380.00
142	Mumtaj Ali C/o EE CD-2 Banda	Civil Engineering	11800.00
143	U.P.Power Transmission Corporation Limited	Civil Engineering	94400.00
144	EE CD-1 LNV Unnao	Civil Engineering	59000.00
145	Rohit Construction C/o Ex. Engineer Cd-1 L.N.V.	Civil Engineering	59000.00
146	EE PD LNV Kanpur Nagar	Civil Engineering	55460.00
147	Ajay Kumar Tiwari & Sons 149 Krishna Nagar Unnao	Civil Engineering	53100.00
148	EE, Barrage Construction Division II Kanpur	Civil Engineering	27140.00
149	Geo Miller & Co. Pvt. Ltd.	Food Tech	18880.00
150	P K Sharma 64 Aruna Nagar Etah	Civil Engineering	29500.00
151	PM Unit-26 C&DS, UP Jal Nigam Lucknow	Civil Engineering	59000.00
153	PM Unit-26 C&DS, UP Jal Nigam Lucknow	Civil Engineering	118000.00
154	PM Unit-26 C&DS, UP Jal Nigam Lucknow	Civil Engineering	118000.00
155	Testing & Consultancy	Civil Engineering	10030.00
156	Abhinav Enterprises C/o EE Raebarely Devl. Authorit	Civil Engineering	5900.00
157	PM UP Avas Vikas Parishad Ghazipur	Civil Engineering	29500.00
158	JMD Infrastra C/o EE RDA Raebarrli	Civil Engineering	17700.00
159	R.K. Gupta C/o Sr. Manager Trans Ganga City Unnao	Civil Engineering	5900.00
160	APCO C/o EE Irrigation Division Etah	Civil Engineering	141600.00
161	Classic Enterprises 13/237 Civil Lines Kanpur	Civil Engineering	59000.00
162	Bhagwati Prasad Sharma Ghanta Ghar,Hathras	Civil Engineering	29500.00
163	EE Temp. Const. Divi. UP Jal Nigam Firozabad	Civil Engineering	70800.00
164	Addl.PM UPRNN Banda Unit Banda UP	Civil Engineering	29500.00
165	Gawar Const.C/o EE CD LNV Sonbhadara	Civil Engineering	44640.00
166	Addl.PM UPRNN Banda Unit Banda UP	Civil Engineering	82600.00
167	JaenendraSingh C/o Ex. Engineer CD-2 LNV Banda	Civil Engineering	5900.00

168	Graceland Developers Pvt.Ltd. Civil Lines Kanpur	Civil Engineering	23600.00
169	Narendra Singh C/o EE CD LNV Banda	Civil Engineering	17695.28
170	Testing & Consultancy	Civil Engineering	57000.00
171	EE PD LNV Kanpur C/o Dist.Development Officer Knp.	Civil Engineering	16520.00
172	Techblaze Technological System Pvt, Ltd	Civil Engineering	3540.00
173	EE Irrigation Div. Etah	Civil Engineering	35400.00
174	Kumar Tubewell Works,MIG-22, Kanpur	Civil Engineering	29500.00
175	Maa Vaishno Const. Co. Gorakhpur	Civil Engineering	29500.00
176	Preeti Build Com C/o EE Cd LNV Bagpat	Civil Engineering	94400.00
177	Vishal Const C/o EE PD LNV Sbravasti	Civil Engineering	94400.00
178	Jagdish Prasad Shukla C/o EE PD LNV Sbravasti	Civil Engineering	35400.00
179	Ruhela Const. C/o EE CD-1 LNV Lakheempur	Civil Engineering	35400.00
180	Ravindra Pratap Shahi C/o EE Provinal Division LNV	Civil Engineering	35400.00
181	G.S. Cotting C/o EE PD LNV Amaithi	Civil Engineering	94400.00
182	Suyash Consultants,358/8 Babupurwa Kidwai Nagar Knp	Civil Engineering	29500.00
183	Tej Pratap Singh C/o EE PD LNV Sbravasti	Civil Engineering	35400.00
184	Jai Prakash & Sons,IIT PROJECT , KANPUR	Food Tech	22420.00
185	P K Sharma 64 Aruna Nagar Etah	Civil Engineering	29500.00
186	Testing & Consultancy	Civil Engineering	59000.00
187	Testing & Consultancy	Civil Engineering	29500.00
188	PM M/s Shapoorji Pallonji & Co. Pvt.Ltd. C/o Gtech	Civil Engineering	35400.00
189	Jain Brother C/o EE CD-4 LNV Sitapur	Civil Engineering	35400.00
190	EE, Barrage Construction Division II Kanpur	Civil Engineering	17700.00
191	Verma Const. C/o EE CD LNV Shahjanpur	Civil Engineering	35400.00
192	Preeti Bildcom C/o Ex. Eng. Provinceal	Civil Engineering	271400.00
193	EE CD UP Jal Nigam, Gwalior Road, Jhansi	Civil Engineering	59000.00
194	PNC Infratech Ltd C/o EE PD LNV Etah	Civil Engineering	354000.00
195	AE Civil ACE B/R-I Kanpur C/o Asia Builder	Civil Engineering	29500.00
196	Central India Tubewell Corporation	Civil Engineering	23010.00
197	Awasthi Traders C/o Manager Civil Gail India Pvt.Lt	Civil Engineering	25960.00
198	Awasthi Traders C/o Manager Civil Gail India Pvt.Lt	Civil Engineering	11800.00
199	Awasthi Traders C/o Manager Civil Gail India Pvt.Lt	Civil Engineering	77880.00
200	Awasthi Traders C/o Manager Civil Gail India Pvt.Lt	Civil Engineering	47200.00
201	EE CD-1 LNV Etawah C/o Rajendra Singh	Civil Engineering	35400.00
202	Testing & Consultancy	Civil Engineering	88500.00
203	Dharmendra Kr. Srivastava 34, Town Hall,Gorakhpur	Civil Engineering	21240.00
204	Kundal Industries 33, Kasya Road Gorakhpur	Civil Engineering	21240.00
205	Sumit Enterprises C/o PM Unit-11 C&DS UPJN Kanpur	Civil Engineering	42480.00
206	EE PD LNV KANPUR C/o PM Unit-1 UPRNN	Civil Engineering	5900.00
207	Anand Const. C/o EE CD-2	Civil Engineering	5900.00
208	E.E., UPRNSS , Fatehpur	Civil Engineering	8260.00
209	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	41300.00
210	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	47200.00

211	PM,Ganga Pollution Control Unit,Kanpur	Civil Engineering	29500.00
212	EE CD L.N.V. Kanpur Nagar	Civil Engineering	35400.00
213	EE, Barrage Construction Division II Kanpur	Civil Engineering	37760.00
214	Shelvi Traders C/o EE CD-1 LNV Etawah	Civil Engineering	159300.00
215	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	Bio-Chemical Engineering	1180000.00
216	P.M.U.P.S.BC C/o Executive Eng. Pro. Division	Civil Engineering	51920.00
217	Lodhi Enterprises Dewan Purwa Rath Hamirpur	Civil Engineering	35400.00
218	U.P.Power Transmission Corporation Limited	Electrical Engineering	59000.00
219	Shri Krishana & Co. C/o EE CD-2 PWD Bijnor	Civil Engineering	94400.00
220	Shri Narayan Const.C/o EE PD Firozabad	Civil Engineering	35400.00
221	Unit Incharge UPRNN Motijheel Etawah	Civil Engineering	140184.00
222	A.M. Beston Barra-2 Kanpur	Civil Engineering	12980.00
223	Build Craft ,Lucknow	Civil Engineering	70800.00
224	Shivkant Infratech C/o Ex. Engineer	Civil Engineering	70800.00
225	VAM Consulting Engg & Achitech (P) Ltd	Civil Engineering	74765.00
226	Sharma Conts. C/o Asst. Eng. IIT Kanpur	Civil Engineering	23600.00
227	Sharma Conts. C/o Asst. Eng. IIT Kanpur	Civil Engineering	17700.00
228	Sharma Conts. C/o Asst. Eng. IIT Kanpur	Civil Engineering	5900.00
229	EE Zone-2 KDA Kanpur C/o Baba Const. Pvt.Ltd.	Civil Engineering	29500.00
230	EE CD-1 LNV Unnao	Civil Engineering	70800.00
231	Project Engineer UPRNSS Azamgarh	Civil Engineering	59000.00
232	EE PD LNV Kanpur Nagar	Civil Engineering	106200.00
233	Testing & Consultancy	Civil Engineering	35400.00
234	Add. PM UPRNN Unit-1 Kanpur	Civil Engineering	27140.00
235	Chandralekha Const. C/o Asst.Eng. Iit Kanpur	Civil Engineering	159300.00
236	EE UPRNSS Construction Division Chitrakoot ,Banda	Civil Engineering	18880.00
237	EE UPRNSS Construction Division Chitrakoot ,Banda	Civil Engineering	18880.00
238	Karyapalak Abhiyanta,CPWD,17-B,BRS Nagar,Ludhiana	Civil Engineering	118000.00
239	EE CD L.N.V. Kanpur Nagar	Civil Engineering	8260.00
240	Shelvi Traders C/o EE CD-1 LNV Etawah	Civil Engineering	177944.00
241	S.K.Const. & Suppliers, Kanpur	Civil Engineering	18880.00
242	EE, PD LNV Unnao	Civil Engineering	70800.00
243	Vinay Const. C/o EE LNV Etawah	Civil Engineering	35400.00
244	Dy.Director,RKU Mandi Parishad,Nauvasta,Kanpur	Civil Engineering	80240.00
245	Santosh Kumar Mehrotra (HUF) Kanpur	Civil Engineering	117764.00
246	Smt Sudha Mehrotra Kanpur	Civil Engineering	117764.00
247	ADDL. GM (Eng.) N.B. C.C. Ltd.Lucknow	Civil Engineering	70800.00
248	Kampt Const. C/o Asstt. Eng. UPRNN Medical Collage	Civil Engineering	22420.00
249	Jila Yava Kalyan&Pradesik Vikas Dal Offer Etah	Civil Engineering	30680.00
250	Jila Yava Kalyan&Pradesik Vikas Dal Offer Aligarh	Civil Engineering	12980.00
251	EE UPSIDCO Kannauj	Civil Engineering	46020.00

252	Maa Gyatri Enterprises C/o EE CD-1 LNV	Civil Engineering	35400.00
253	Testing & Consultancy	Civil Engineering	53000.00
254	EE PD LNV Karvi Chitrakoot	Civil Engineering	97940.00
255	PM UNIT-48 C&DS,UP JAL NIGAM,MAHOBA	Civil Engineering	42480.00
256	Technical Examiner TAC Rural Div. Department Bareily	Civil Engineering	11800.00
257	Technical Examiner TAC Rural Div. Department Bareily	Civil Engineering	21240.00
258	EE UPSIC Kanpur C/o EE UP Jal Nigam Kanpur Dehat	Civil Engineering	29500.00
259	M/S DEV BUILDERS, Lucknow	Civil Engineering	35400.00
260	M/S WOODHILL INFRASTRUCTURE LIMITED	Civil Engineering	70800.00
261	Rites Ltd.KDA,Kanpur for M/s Ramky Infra.Ltd.Kanpur	Food Tech	113280.00
262	Aryan Construction & Associates	Civil Engineering	106200.00
263	EE, PD LNV Unnao	Civil Engineering	47200.00
264	Junior Eng. Nagar Palika Parishad Kannauj	Civil Engineering	5900.00
265	Unit Incharge,UPRNN Ltd,Court Premises,Moradabad	Civil Engineering	141600.00
266	Surendra Singh C/o Project Eng. Unit UP Jal Nigam	Civil Engineering	30680.00
267	Vinay Kumar C/o EE CD-2 LNV Kanpur	Civil Engineering	5900.00
268	EE, CD-1 (P.P.) PWD Jhansi	Civil Engineering	29500.00
269	PM Unit-11 C&DS UPJN Kanpur	Civil Engineering	42480.00
270	Om Shrimart Const. Kanpur River Management Pvt.Ltd.	Civil Engineering	23600.00
271	A.M. Beston Barra-2 Kanpur	Civil Engineering	12980.00
272	Suyash Consultants,358/8 Babupurwa Kidwai Nagar Knp	Civil Engineering	29500.00
273	Murty Construction Co C/o AGE B/R-II Kanpur	Civil Engineering	25960.00
274	EE CD-2 LNV Banda	Civil Engineering	70800.00
275	Testing & Consultancy	Civil Engineering	29500.00
276	EE CD-2 U.P. Awas Avam Vikas Parishad Hansuram Knp	Civil Engineering	37024.00
277	Iqbal Leater Pvt.Ltd.	Food Technology	5900.00
278	Addl.PM Unit-1,UPRNN Ltd.Anand Nagar,Kanpur	Civil Engineering	151200.00
279	EE Jawaher Thermal Power Plant Malavan Etah	Civil Engineering	35400.00
280	Kamalshri Builders C-9/3 River Bank Colony Lucknow	Civil Engineering	21240.00
281	Swadeshi C/o Asstt Er. Iltkp Sub Div.2 CPWD Knp.	Civil Engineering	22100.00
282	Swadeshi Civil Infrastructure Pvt.Ltd.	Food Tech	22420.00
283	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	46020.00
285	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	16250.00
286	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	46020.00
287	E.E., UPRNSS , Fatehpur	Civil Engineering	226560.00
289	Sr.Manager CD-8 UPSIDA Kanpur	Civil Engineering	130838.00
290	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	46020.00
291	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	29770.00
292	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	46020.00
293	Addl. PM, SUDA Unit, UPRNN Ltd NH-2, Mathura	Civil Engineering	40120.00
294	Kashyapi Infra. Pvt. Ltd. C/o Asst. Eng.II CPWD	Civil Engineering	70800.00
295	Sharma Construction Co. C/o CPWD IIT Kanpur Proj	Food Technology	12980.00
296	Reseh. Design&Standerds Org.(Ministry of Railways)	Plastic	4720.00

		Technology	
297	Reseh. Design&Standerds Org.(Ministry of Railways)	Plastic Technology	14160.00
298	Testing & Consultancy	Civil Engineering	59000.00
299	Om Shrimart Const. Kanpur River Management Pvt.Ltd.	Civil Engineering	142780.00
300	Geo Miller & Co. Pvt. Ltd.	Civil Engineering	82875.00
301	EE CD-2 Prayagraj-02 UP A Evam V Parishad Pratapgar	Civil Engineering	75520.00
302	EE CD-1 LNV Kanpur Dehat	Civil Engineering	35400.00
303	Testing & Consultancy	Civil Engineering	38000.00
304	Testing & Consultancy	Civil Engineering	50000.00
305	Testing & Consultancy	Civil Engineering	9000.00
306	Testing & Consultancy	Civil Engineering	38750.00
307	TILAK INTERNATIONAL SIGNAL	Plastic Technology	9440.00
308	Rishu Const. Infratech India Pvt. Ltd. Lucknow	Civil Engineering	21240.00
309	Sombansi Enviro Engg. Pvt, Ltd.	Bio-Chemical Engineering	29500.00
310	Om Prakash Chaube C/o EE CD-1 L.N.V. Bahrich	Civil Engineering	59000.00
311	Unit Incharge,SUDA Unit-1 UPRNN Ltd.,CSJMU, Kanpur	Civil Engineering	53100.00
312	EE, PD LNV Unnao	Civil Engineering	35400.00
313	U.P.Power Transmission Corporation Limited	Civil Engineering	59000.00
314	PNC Gomti Highway Pvt. Ltd.,Agra	Civil Engineering	165750.00
315	U.P.Power Transmission Corporation Limited	Civil Engineering	177000.00
316	Central India Eng. Lab, Mandi , Road, Jhasi	Civil Engineering	59000.00
317	Testing & Consultancy	Civil Engineering	59000.00
318	Testing & Consultancy	Civil Engineering	29500.00
319	Testing & Consultancy	Civil Engineering	29500.00
320	Addl. PM,Hon'ble Hingh Court Premises UPRNN Ltd,Lko	Civil Engineering	341700.00
321	Addl. PM,Hon'ble Hingh Court Premises UPRNN Ltd,Lko	Civil Engineering	55250.00
322	Unit Incharge Suda Unit UPRNN Ltd. Kanpur	Civil Engineering	53100.00
323	EE, Barrage Construction Division II Kanpur	Civil Engineering	12980.00
324	Testing & Consultancy	Civil Engineering	29500.00
325	R.R. Enterprises C/o Ex. Eng. Con. Div-2 LNV Kanpur	Civil Engineering	106200.00
326	Testing & Consultancy	Civil Engineering	47200.00
327	Testing & Consultancy	Civil Engineering	29500.00
328	Shelvi Traders C/o EE CD-1 LNV Etawah	Civil Engineering	11800.00
329	EE,PD PWD ,Gonda	Civil Engineering	177000.00
330	Testing & Consultancy	Civil Engineering	59000.00
331	EE UPSIDCO Kanpur	Civil Engineering	34220.00
332	R&C Infra Engineers C/o EE PD PWD Moradabad	Civil Engineering	35400.00
333	Jagdamba Enterprises	Civil Engineering	129800.00
334	M/s Pranjul Const. C/o EE CD-2	Civil Engineering	35400.00
335	Rites Ltd.(M/s Vishnu Saran&Co. Kanpur)	Civil Engineering	141600.00
336	EE CD-1 LNV Unnao	Civil Engineering	76700.00

337	M/s Tejas Resch.and Devl.Solution Pvt.Ltd	Civil Engineering	17700.00
338	Calico Impex,Unnao	Food Technology	29500.00
339	EE UPSIC Fazalganj Kanpur	Civil Engineering	67280.00
340	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	49880.00
341	EE CD-8 UPSID Lakhanpur Kanpur	Civil Engineering	109410.00
342	EE UP SIDCO, Indra Nagar Kalyanpur, Kanpur	Civil Engineering	59000.00
343	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	49880.00
344	EE PD LNV Auraiya	Civil Engineering	10800.00
345	Testing & Consultancy	Civil Engineering	55250.00
346	Testing & Consultancy	Civil Engineering	20000.00
347	Testing & Consultancy	Civil Engineering	5900.00
348	Testing & Consultancy	Civil Engineering	29500.00
349	EE,Minor Imgation Division-Etawah	Civil Engineering	59000.00
350	PM Const. Unit-12 UPPCL Jhasi	Civil Engineering	247800.00
351	Spind Consultant Services Pvt. Ltd.	Civil Engineering	331500.00
352	Ex.E CD UPJN, Bahraich	Civil Engineering	29500.00
353	Testing & Consultancy	Civil Engineering	59000.00
354	EE CD L.N.V. Kanpur Nagar	Civil Engineering	53439.00
355	Testing & Consultancy	Civil Engineering	29500.00
356	Kashyapi Infra. Pvt. Ltd. C/o Asst. Eng.II CPWD	Food Technology	15470.00
357	TBF Enviromental Solution Pvt. Ltd.	Civil Engineering	108000.00
358	Testing & Consultancy	Civil Engineering	5900.00
359	ORDNANCE CLOTHNING FACTORY,Shahjahanpur	Civil Engineering	932484.00
360	PNC Gomti Highway Pvt. Ltd.,Agra	Civil Engineering	11250.00
361	EE,UPRNSS Ltd, Div-Ayodhya-I	Civil Engineering	70800.00
362	EE CD L.N.V. Kanpur Nagar	Civil Engineering	114840.00
363	Testing & Consultancy	Civil Engineering	70800.00
364	Omega International Tannery Unit-II ,Kanpur	Food Technology	29500.00
365	Omega International Tannery Unit-II ,Kanpur	Food Technology	29500.00
366	Testing & Consultancy	Civil Engineering	70800.00
367	Kashyapi Infra. Pvt. Ltd. C/o Asst. Eng.II CPWD	Civil Engineering	82875.00
368	Om Shrimate Const. C/o P.Manager KRMPL Kanpur	Civil Engineering	11800.00
369	Unit Incharge,SUDA Unit-1 UPRNN Ltd.,CSJMU, Kanpur	Civil Engineering	53100.00
370	Shyamleela Synthetic Private Limited	Civil Engineering	3540.00
371	Nhai,Jhansi (M.P.)C/o PNC Infratech .Ltd.	Civil Engineering	382993.00
372	PNC Infratech Ltd.	Food Technology	49560.00
373	Sharma Const. Company C/o Asst.Eng. FIT KPSD CPWD	Civil Engineering	5900.00
374	Suryans Infradevelopment C/o PD LNV Hardoi	Civil Engineering	23600.00
375	Rakesh Pratap Singh C/o EE PD L.NV Etah	Civil Engineering	106200.00
376	GSJ Invo Ltd. C/o PM Ganga Polluction Control Unit	Civil Engineering	88500.00
377	Mirza International Ltd. Unnao	Civil Engineering	18880.00
378	Kings International Ltd. Unnao	Civil Engineering	5900.00
379	A.K.Upadhyay C/o EE Division 16 UP Jal Nigam Banda	Civil Engineering	50740.00

380	Technical Examiner TAC Rural Div. Department Kanpur	Civil Engineering	11800.00
381	EE CD UP Jal Nigam Jhansi	Civil Engineering	29500.00
382	Testing & Consultancy	Civil Engineering	57000.00
383	Testing & Consultancy	Civil Engineering	57820.00
384	Om Const. Company C/o EE CD LNV Khurja	Civil Engineering	59000.00
385	Testing & Consultancy	Civil Engineering	10800.00
386	S.V. Mega Structure Ltd. C/o Rama University Kanpur	Civil Engineering	55250.00
387	Savarjeet singh c/o EE RDA Raebareli	Civil Engineering	11800.00
388	EE UPRNSS Construction Division Chitrakoot ,Banda	Civil Engineering	23600.00
389	EE UPRNSS Construction Division Chitrakoot ,Banda	Civil Engineering	23600.00
390	EE UPRNSS Construction Division Chitrakoot ,Banda	Civil Engineering	23600.00
391	GSJ Invo Ltd. C/o PM Ganga Pollution Control Unit	Civil Engineering	42480.00
392	Chandralekha Const. C/o Asst.Eng. IIT KPSD-VI CPWD	Civil Engineering	11800.00
393	Chandralekha Const. Pvt. Ltd. IIT Kanpur CPWD	Civil Engineering	11210.00
394	PM Unit-5 C&DS UPJal Nigam Kanpur	Civil Engineering	59000.00
395	PM Unit-5 C&DS UPJal Nigam Kanpur	Civil Engineering	56640.00
396	Testing & Consultancy	Civil Engineering	35400.00
397	U.P.Power Transmission Corporation Limited	Civil Engineering	177000.00
398	EE CD-16 UP Jal Nigam Banda	Civil Engineering	29500.00
399	Conarch Assoct. C/o PM Ganga Pollution Control Unit	Civil Engineering	40120.00
400	Pragati Structures Pvt.Ltd.Kanpur	Civil Engineering	59000.00
401	Unit Incharge Unit-13,UPRNN Ltd. Lucknow	Civil Engineering	59000.00
402	S.K. Enterprises,Kanpur	Civil Engineering	29500.00
403	Nirvana Consults & Eng.Faizabad Road Lucknow	Civil Engineering	29500.00
404	Awadhesh Kumar,Bank Colony,Mainpuri	Civil Engineering	29500.00
405	Shristi-Sam Lain-Yogi(JV) C/o PM GPC Unit UP JN Knp	Civil Engineering	34220.00
406	EE UPSIC 110, Industrial Area, Fazalganj Kanpur	Civil Engineering	21240.00
407	PM UPPCL Kidwai Nagar Kanpur	Civil Engineering	46400.00
408	PM UPPCL Const. Unit-1 Kanpur	Civil Engineering	136880.00
409	E.E., UPRNSS , Kanpur	Civil Engineering	17700.00
410	EE CD-1 UP Avas Vikas Parisad Kanpur C/o EE CD LNV	Civil Engineering	11800.00
411	EE,Const. Divi.-1 LNV Etah	Civil Engineering	59000.00
412	PM Unit-2 C&DS UP Jal Nigam Kanpur	Civil Engineering	24780.00
413	Testing & Consultancy	Civil Engineering	43200.00
414	EE UP SIDCO Raebareli	Civil Engineering	70800.00
415	Ex.E CD UPJN, Bahraich	Civil Engineering	29500.00
416	EE Kanpur Div.Lower Ganga Canal, Etawah	Civil Engineering	76700.00
417	PM U.P.S. B.C. Bridges Const. Unit G.T. Road Kanpur	Civil Engineering	56640.00
418	PPS Builders C/o Manager (Tech.)Kanpur Smart City	Civil Engineering	35400.00
419	PPS Builders C/o Manager (Tech.)Kanpur Smart City	Civil Engineering	17700.00
420	EE CD L.N.V. Kanpur Nagar	Civil Engineering	20880.00
421	Om Shrimart Const. Kanpur River Management Pvt.Ltd.	Civil Engineering	88500.00
422	PRO Bilgramgate C/o EE CD LNV Aaraiya	Civil Engineering	53100.00

423	Sr.Manager Transganga City Unnao UPSIDA	Civil Engineering	110920.00
424	Rajdeep Interprises C/o Dy.G.M. Field Gun Factory ,	Civil Engineering	5900.00
425	Mohan Infradevelopores Ltd.City Station Bareli	Civil Engineering	29500.00
426	Ganpati Enterprises C/o EE Zone-3 KDA Kanpur	Civil Engineering	17700.00
427	Gupta Assoc.C/o Sr.Manager Trans Gang City Unnao	Civil Engineering	69620.00
428	Gupta Associates C/o SR Manager (Civil)TGCP-UPSIDA	Food Technology	16520.00
429	DIVINE SYNTHETICS PVT.LTD.KANPUR	Bio-Chemical Engineering	11800.00
430	Sadaf Enterprises Exports & Pvt. Ltd	Food Technology	28320.00
431	Rahman Industries Ltd. Kanpur	Food Technology	28320.00
432	Diamond Tanners,913-A,Wajidpur,Jajmau,Kanpur	Bio-Chemical Engineering	29500.00
433	A.K. and A.K. Soil Enterprises Pvt. Ltd.	Civil Engineering	11800.00
434	Add Project Manager Unit-1 UPRNN Rawatpur Kanpur	Civil Engineering	64900.00
435	Testing & Consultancy	Civil Engineering	141900.00
436	Maa Vaishno Const. C/o Rites Ltd. KDA, Kanpur	Civil Engineering	5900.00
437	Maa Vaishno Const. C/o Rites Ltd. KDA, Kanpur	Civil Engineering	35400.00
438	Agarwal Company C/o Manager Rites Ltd.Kanpur	Civil Engineering	35400.00
439	EE UPSIC Fazalganj Kanpur	Civil Engineering	30160.00
440	Baba Const. Pvt.Ltd.C/o Manager Civil Rites Ltd.	Civil Engineering	35400.00
441	Baba Const. Pvt.Ltd.C/o Manager Civil Rites Ltd.	Civil Engineering	11800.00
442	PM UP Project Corporation Ltd. ,Kanpur	Civil Engineering	29000.00
443	Agarwal Company C/o Manager Rites Ltd.Kanpur	Civil Engineering	35400.00
444	Dy.Director,RKU Mandi Parishad,Nauvasta,Kanpur	Civil Engineering	33040.00
445	Bhavna Const. C/o EE Officer Nagar Panchayat Kanpur	Civil Engineering	18880.00
446	Exective Officer Nagar Palika Parishad	Civil Engineering	42480.00
447	Add PM UPRNN Ramkatha Ayodhya	Civil Engineering	70200.00
448	Add PM Unit-21 A Lucknow (Work at Ram Katha Park)	Civil Engineering	32400.00
449	Gupta Assoc.C/o Sr.Manager Trans Gang City Unnao	Civil Engineering	54280.00
450	Research Design&Standard Orga.C/o Agrawal(E)Work	Civil Engineering	25960.00
451	EE CD-1 LNV Kanpur Dehat	Civil Engineering	35400.00
452	Gupta Assoc.C/o Sr.Manager Trans Gang City Unnao	Civil Engineering	100300.00
453	Kings International Ltd. Unnao	Food Technology	11800.00
454	Threads (India) LTD	Food Technology	23600.00
455	Mirza International Ltd. Unnao	Food Technology	28320.00
456	M/s Capital Builders	Civil Engineering	29500.00
457	Testing & Consultancy	Civil Engineering	35400.00
458	Shakti Buildwal C/o UPSIDC Trans Ganga City Unnao	Food Technology	16515.28
459	Shakti Buildwal C/o UPSIDC Trans Ganga City Unnao	Civil Engineering	95339.28
460	Mash Agro Foods Ltd.,Unnao	Food Technology	11602.00
461	Testing & Consultancy	Civil Engineering	29500.00
462	Om Shrimate Const. C/o P.Manager KRMPL Kanpur	Civil Engineering	47200.00
463	Agricom Foods Pvt. Ltd.,Unnao	Food Technology	12390.00

464	Testing & Consultancy	Civil Engineering	12390.00
465	Standards Frozen Foods Exports (P) Ltd. Unnao	Food Technology	12390.00
466	Rustam Foods (P) Ltd. Unnao	Food Technology	12390.00
467	Unit Incharge,SUDA Unit-1 UPRNN Ltd.,CSJMU, Kanpur	Civil Engineering	47200.00
468	Unit Incharge,SUDA Unit-1 UPRNN Ltd.,CSJMU, Kanpur	Civil Engineering	94400.00
469	Unit Incharge,SUDA Unit-1 UPRNN Ltd.,CSJMU, Kanpur	Civil Engineering	94400.00
470	A.O.V. Exports (P) Ltd. Unnao	Food Technology	12390.00
471	CENTRAL POLLUTION CONTROL BOARD, NEW DELHI	Bio-Chemical Engineering	501500.00
472	Gomt. Const. C/o AE UPRNN Medical College Kannauj	Civil Engineering	6000.00
473	General Manager,Ordnance Factory,Kanpur	Civil Engineering	981760.00
474	Jumeja Const.C/o EE CD-2 PWD Bulandshahr	Civil Engineering	59000.00
475	Testing & Consultancy	Civil Engineering	11800.00
476	Exective Officer Nagar Palika Parishad	Civil Engineering	67260.00
477	EE, Barrage Construction Division II Kanpur	Civil Engineering	9440.00
478	EE CD L.N.V. Kanpur Nagar	Civil Engineering	35400.00
479	Ex.E UPSIDCO, Shastri Nagar, Merut	Civil Engineering	88500.00
480	PM Unit-5 C&DS UPJal Nigam Kanpur	Civil Engineering	56640.00
481	EE UPRNSS Jajmau Kanpur	Civil Engineering	23600.00
482	EE UPRNSS Jajmau Kanpur	Civil Engineering	23600.00
483	PM UP State Bridge Corporation Ltd. BCU GT Road Knp	Civil Engineering	97940.00
484	Sr.Section Eng.Bridge NCR Kanpur	Civil Engineering	11800.00
485	Sr.Section Eng.Bridge NCR Kanpur	Civil Engineering	5900.00
486	EE PD LNV Kanpur Nagar C/o Add Labour Commisisoner	Civil Engineering	30680.00
487	P M Ganga Pollution Control Unit UPIN Kanpur	Civil Engineering	239304.00
488	Mirza International Ltd. Unnao	Food Technology	10620.00
489	Sadaph Enterprises Pvt. Ltd.,Kanpur	Food Technology	29500.00
490	Exective Officer Nagar Palika Parishad	Civil Engineering	151040.00
491	PM Construction Unit-13 UPPCL Banda	Civil Engineering	717440.00
492	PM Unit-29 C&DS UP Jal Nigam Gomti Nagar Lucknow	Civil Engineering	48380.00
493	PM UP Project Corporation Ltd.Unit-10 Kanpur	Civil Engineering	18880.00
494	Radhika Raman Yadav C/o ADEN (HQ) Jhansi	Civil Engineering	5900.00
495	EE CD-1 LNV Unnao	Civil Engineering	35400.00
496	Om Const. Company C/o EE CD LNV Khurja	Civil Engineering	70800.00
497	Testing & Consultancy	Civil Engineering	28500.00
498	Testing & Consultancy	Civil Engineering	35400.00
499	Suryans Infradevelopment C/o PD LNV Hardoi	Civil Engineering	35400.00
500	Exective Officer Nagar Palika Parishad	Civil Engineering	206500.00
501	Bhugan Infracone C/o PM Ganga Pollution Unit UP Jal	Civil Engineering	42480.00
502	AKI India Limited,Unnao	Civil Engineering	29500.00
503	Testing & Consultancy	Civil Engineering	29500.00
504	Testing & Consultancy	Civil Engineering	11800.00
505	EE CD-1 LNV Kannauj	Civil Engineering	59000.00

506	Testing & Consultancy	Civil Engineering	56640.00
507	Exective Officer Nagar Palika Parishad	Civil Engineering	142545.00
508	Testing & Consultancy	Civil Engineering	88500.00
509	Testing & Consultancy	Civil Engineering	7735.00
510	GM,Ordnance Parachute Factory,Kanpur	Civil Engineering	448400.00
511	Inteco special Melting Technologies (India) Private limited	Civil Engineering	5900.00
512	Testing & Consultancy	Civil Engineering	66480.00
513	EE CD L.N.V. Kanpur Nagar	Civil Engineering	17293.00
	Total		33737832.28

21. Collaborative activities

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1.	Webinar on Machine Learning Ecosystem in Industry in association on	Tata Consultancy Limited	Prof. Narendra Kohli	2020-21	1 day	Academic and Research
2.	Webinar on Internet of Things	Tata Consultancy Limited	Prof. Narendra Kohli	2020-21	1 day	Academic and Research
3.	Webinar on Deep Learning	Tata Consultancy Limited	Prof. Narendra Kohli	2020-21	1 day	Academic and Research
4.	Webinar on “Accelerating Digital Transformations in challenging times” on World Telecommunication and Information Society Da	IETE, IE, Kanpur, IEEE – UP Section	Prof. Narendra Kohli,	2020-21	1 day	Academic and Research
5.	Online Training Program on “Rational Software Architect Design”, for faculty and students	IBM	Prof. Raghuraj Singh, Dr. Anita Yadav	2020-21	1 day	Internship, Placement and Research
6.	Online Training on “Machine Learning with MATLAB”	Design Tech Systems Pvt. Ltd.	Prof. Raghuraj Singh, Dr. Anita Yadav, Dr. Prabhat Verma	2020 - 21	1 day	Training and Internship
7.	Leadership talk on career aspects in AI, Communication & Information Technology	Parvarish	Prof. Narendra Kohli	2020-21	1 day	Academic and Research

8.	“Artificial Intelligence and Machine Learning”, One Week STC on Recent Trends in Computer Science & Engineering	BundelKhand University	Prof. Raghuraj Singh	2020-21	1 week	Academic and Research
9.	“Artificial Intelligence: Knowledge Management and Intelligent Agents”, AICTE sponsored ATAL-FDP on Machine Learning and Intelligent Systems	Rajkiya Engineering College, Kannauj	Prof. Raghuraj singh	2020-21	4days	Academic and Research
10.	“Recent Trends and Advancements in the Era of Machine Learning” during 19th July to 24th July 2021	IEEE-UP Chapter and IETE-Kanpur	Prof. Narendra Kohli, Dr. Anita Yadav, Dr. Prabhat Verma, Dr. Vandana Dixit Kaushik	2020-21	1 week	Organization of Workshops, FDP, STTP etc.
11.	Sustainability of Leather industries	stahl leather Chemical India, Jajmau, Kanpur, U.P.	Leather Technology Department	2020-21	1 Day	Expert Lecture
12.	Expert Lecture	Mr. RajulMaheshwari, Processing Engineer, ADM Latur	Students of OT Department	2020-21	1 day	Professional development
13.	Expert Lecture	Mr. Ajay Kumar, Project executive Marico Industries	Students of OT Department	2020-21	1 day	Professional development
14.	Expert Lecture	Mr. Ajay Kumar, Project executive Marico Industries	Students of OT Department	2020-21	1 day	Professional development
15.	Expert Lecture	Dr. R. P. Singh, Ex Director, HBTI	Students of OT Department	2020-21	1 day	Professional development

16.	Expert Lecture	Dr. R. P. Singh, Ex Director, HBTI	Students of OT Department	2020-21	1 day	Professional development
17.	Dr. Anita Yadav Delivered an invited Lecture on “Network Data Analytics” on 20 th January 2021 in the FDP on “Data Management”	1. RRIMT Lucknow sponsored by Dr APJ AKTU Lucknow during 18-22 January 2021.	Dr. Anita Yadav	2020-21	1 day	FDP
18.	“Recent Trends and Advancements in the Era of Machine Learning” during 19 th July to 24 th July 2021	IEEE-UP Chapter and IETE-Kanpur	Prof. Narendra Kohli, Dr. Anita Yadav, Dr. Prabhat Verma, Dr. Vandana Dixit Kaushik	2020-21	1 week	Organization of Workshops, FDP, STTP etc.
19.	“Application of Machine Learning in Developing Adaptive Cyber Security Systems”, One Week FDP on Cyber Security: Challenges and Practices	Rajkiya Engineering College, Sonbhadra	Prof. Raghuraj singh	2020-21	1 week	FDP
20.	Joint M-Tech Thesis guidance	SGPGI, Lucknow	Mr. Abhishek (HBTU) & Dr. J. Bhaskar (HBTU) Dr Pawan Kumar Verma (SGPGI)	2020-21	01 Year	M-Tech Thesis guidance
21.	Joint Project applied submission	SGPGI, Lucknow	Dr. J. Bhaskar (HBTU) Dr Pawan Kumar Verma (SGPGI)	2020-21	01 year	Joint Project applied submission
22.	Joint two M-Tech Thesis guidance	KGMU, Lucknow	Dr. J. Bhaskar, Ms. Amita Maurya and Ms. Twinkle	2020-21	01 Year	M-Tech Thesis guidance

			Devanshi (HBTU), Prof. Deviya Merhotra (KGMU), Dr. Vivek Gupta (KGMU)			
23.	Joint Project applied submission	KGMU, Lucknow	Dr. J. Bhaskar (HBTU) Dr Vivek Gupta	2020-21	06 months	Joint Project applied submission

22. Number of functional MoUs with institutions/ industries in India

S.No.	Name of department	Name of the organization/ institution/ industry with whom MoU is signed	Year of signing MoU	Duration of MoU	List the actual activities under each MoU year wise
1.	FT	NIFTEM Haryana	2020	5 Year	Food Engineering and Technology
2.	PT	M/s Surface Paints Pvt Ltd, Lucknow	2020	3 Years	Till understanding Paints and Coatings
3.	FT	Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, Punjab	2021	5 Year	Food Engineering and Technology
4.	BE	Excel Matrix Biological Devices Pvt.Ltd, Hyderabad	2021	Initially for 5 years (extendable)	Product Development /innovation and research
5.	ME	KGMU Lucknow	2021	5Years	Reverse Engineering and 3D Printing
6.	ME	G. B. Pant University of Agriculture & Technology Pantnagar, Udham Singh Nagar (Uttarakhand)	2021	5 Years	Reverse Engineering and 3D Printing

23. Honors/ Awards/prizes received by faculty (2020-21)

1. **Dr. Ashwani Sood:** (CH Dept.)
 - (i) Best Technical Paper Published in Indian Chemical Engineer.
 - (ii) **Name of awarding agency:** Indian Institute of Chemical Engineers
 - (iii) Year of Award: 2020

2. **Dr. Vivek Kumar:** (FT Dept.)
 - (i) E- Bootathon 02 Gold medal Award
 - (ii) **Name of awarding agency:** IIT, Kanpur
 - (iii) Year of award:2020

3. **Dr. Vivek Kumar:** (FT Dept.)
 - (i) E-Bootathon 02 Silver medal Award
 - (ii) **Name of awarding agency:** IIT, Kanpur
 - (iii) Year of award: 2020

4. **Miss Tanvi Srivastava:** (LT Dept.)
 - (i) Student Topper Award
 - (ii) **Name of awarding agency:** Indian Leather Technologist Association, Kolkata
 - (iii) Year of award: 2020

5. **Mr. Deepak Awasthi:** (LT Dept.)
 - (i) Best Project Award.
 - (ii) **Name of awarding agency:** Indian Leather Technologist Association, Kolkata
 - (iii) Year of award: 2020

24. Financial Information: Funds Received & Spent

Sl.No.	Fund Resources	(Rs. in Lac)	
		Fund Received	Spent
1	Fund received from State govt. (Non-Plan)	2377.25	2377.25
2	University Earning	-	-
3	Fund received from State govt. (Plan)	391.80	391.80
4	All India Council for Technical Education, New Delhi	-	-
5	AKTU, Lucknow	410.0	410.0
6	Design Innovation Centre, IIT Kanpur	-	-
7	TEQIP-III	-	-
	Total	3179.05	3179.05

25. Internal revenue generated

Sl. No.	Particulars	Amount
1.	Academic Receipts Student/Institute Fees Hostel Fees Library Fees	3010.27 Lacs
	Total	3010.27 Lacs
2.	Income From Investments Interest on FDR (FDR kept aside for specified purposes)	50.465 Lacs
	Total	50.465 Lacs
3.	General Funds 1. Bank Interest 2. Testing & Consultancy Charges 3. Tender Fees/ application fee 4. Deduction from Staff Salary - Electric Charge - Water Charge - House Rent - Vehicle Charge - Other Deductions 5. Teachers appointment application Fee 6. Bank Rent 7. Guest House Rent 8. IGNOU Hire Charges 9. Miscellaneous Receipt 10. Guest Faculty Interview Receipt 11. Summer Training Fee 12. Recovery of Overdraft 13. Challenged Evaluation Fees 14. Recovery from salary 15. Seminar, Conf., Membership Fees 16. Prior period Advances Adjusted	48.14 Lacs 52.72 Lacs 0.94 Lacs 22.36 Lacs - - 0.08 Lacs - 68.25 Lacs - - - - - -
	Total	192.49 Lacs

GLIMPES OF THE EVENTS





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