



ANNUAL PROGRESS REPORT (2017-18)



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

Institution Annual Report for Academic Year 2017-18

1. Institute's Basic Information

Harcourt Butler Technical University, 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 programme and 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 Post Graduate 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.

HBTU Kanpur (Formerly HBTI) has received aid from the World Bank (TEQIP-I & II) for various equipment, maintenance and repair of old laboratory equipments, 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.”

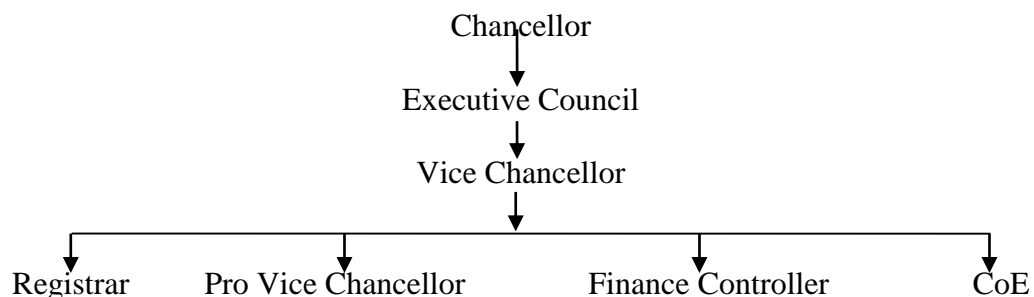
3. Information regarding affiliating University

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.

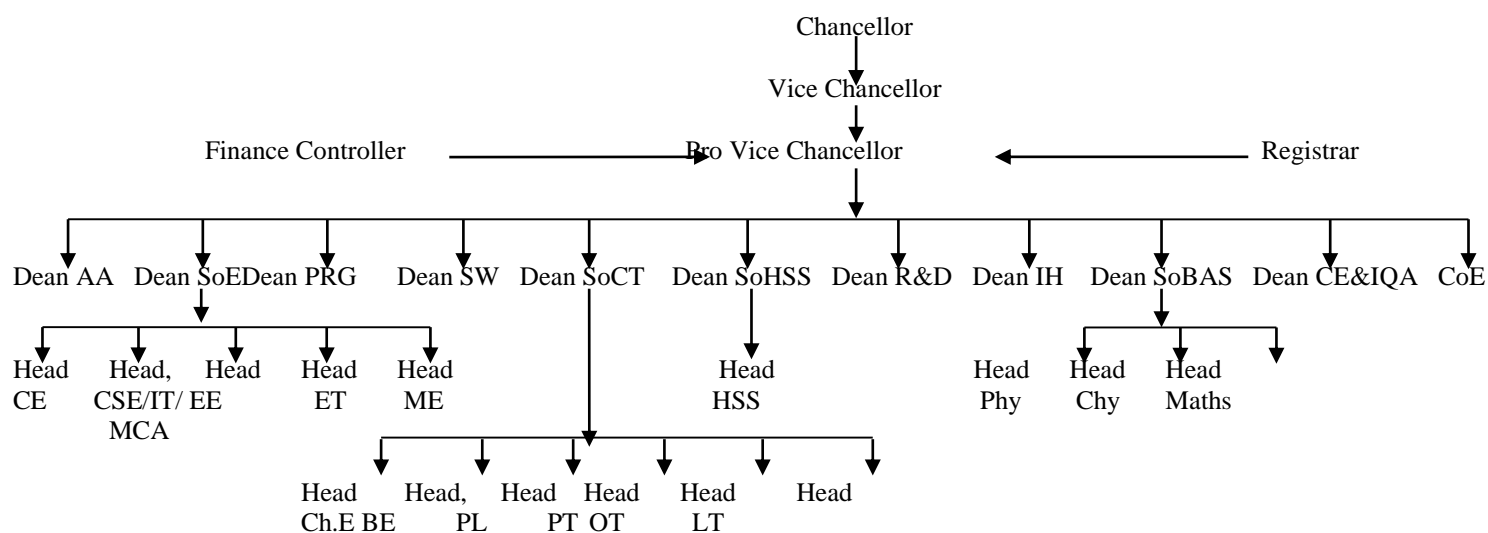
4. Information regarding Academic Autonomy

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.

5. Governance Structure



6. Organization Structure



7. Academic Calendar

Odd Semester 2017-18

Odd Semester, 2017-18 Dates (Days)	Activity
27/07/2017 (Thursday)	Registration of IV year B.Tech./ II M.Tech & Ph.D.
28/07/2017 (Friday)	Registration of III year B.Tech. students & MCA Final Year, Commencement of classes
29/07/2017 (Saturday)	Registration of II year B.Tech & II MCA
08/08/2017 (Tuesday)	Reporting of I Year B.Tech & MCA
09/08/2017 (Wednesday)	Orientation for I Year
10/08/2017 (Thursday)	Commencement of classes for I Year
01/09/2017 (Friday)	University Foundation Day
07-09/09/2017 (Thursday-Saturday)	First Class Test
16/09/2017 (Saturday)	Last date for showing the evaluated answer sheets of First Class Test
12-14/10/2017 (Thursday-Saturday)	Mid Term Exam for I Year & II Class Test for other years
16-22/10/2017 (Monday- Sunday)	Semester Break for Faculty & Students (except M.Tech. & Ph.D)
24-26/10/2017 (Tuesday-Thursday)	University Enrolment form submission
27-28/10/2017 (Friday-Saturday)	Cultural Activities
25-26/11/2017 (Saturday-Sunday)	Institute Foundation Day & Alumni Meet
01/12/2017 (Friday)	Last date for Odd Semester teaching
05/12/2017-15/12/2017(Tuesday-Friday)	End Semester Theory Examinations
16-22/12/2017 (Saturday-Friday)	End Semester Practical Examinations
23/12/2017(Saturday)	Last date for showing the evaluated answer sheets of End Semester Examinations and submission of End Semester Theory & Practical marks
26-31/12/2017 (Tuesday-Sunday)	Winter vacation for faculty
01/01/2018 (Monday)	Commencement of even semester & classes**

Even Semester 2017-18

Dates (Days)	Activity
January 06, 2018 (Saturday)	Registration of all M.Tech. / MCA / Ph.D.
January 08, 2018 (Monday)	Registration of all B.Tech. Students
January 26, 2018 (Friday)	Republic Day Celebration
February 10-11, 2018	Athletic Meet
February 22-24, 2018	First Class Test
February 26-March 04, 2018	Holi / Mid Semester Break for students and faculty
March 05, 2018 (Monday)	Last date for showing the evaluated answer books of First Class Test
March 17-18, 2018	Cultural Activity
April 09-11, 2018	Mid Semester Test + II Class Test
April 18, 2018 (Wednesday)	Last date for showing the evaluated answer books of Mid Semester Test / II Class Test
April 23, 2018 (Monday)	Last date of submitting Examination form
May 05, 2018 (Saturday)	Last date of instructions of Even Semester
May 10-21, 2018	Theory Examinations
May 22-26, 2018	Practical Examinations
May 31, 2018 (Thursday)	Last date for showing the evaluated answer books and submission of marks
June 01-July 30, 2018	Slot for Industrial Training
June 01-July 22, 2018	Summer Vacation
July 31, 2018 (Tuesday)	Commencement of Odd Semester, 2018-19

8. 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
- Upgradation 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.

a(ii) Teaching Learning Resources

There are centralized 21 Class rooms, 02 E-class rooms and 01 drawing hall on first floor and 07 class rooms on ground floor in main building of the University.

b. Library:

Central Library of HBTU Kanpur has a rich and rare collection of approximately one lac 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 2016 online journals (e-journals) of IEEE and ASME are also being subscribed in the Central Library. 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.

c. Computer Centre

Computer Centre caters to the computing needs of the faculty members, staff members and students for their research 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 100Mbbs (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.

d. 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 Shekher 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

e. Hostels:

The main (East) campus of the university, located near CSA University of Agriculture & Technology houses administrative and instructional buildings. In addition, it has three hostels for boys namely, the Lake-view Hostel Old and New four hostels for girls viz. GH-I, II, III & IV. It also has some residential quarters. The West Campus of the

institute located on the road connecting Kanpur Zoo and GT Road houses five boys hostels namely, WCH-I, II, III and Dr. B.R. Ambedkar hostel-I, & II as well as a PG Hostel. In addition, the West Campus also has residential quarters for most faculty and staff of the university.

The University has an accommodation for 1095 boys (in 10 hostels) and 433 girls (in 04 hostels). The details of number of seats available in each hostel are given below:

- **Girls Hostels**

S. No.	Name	Type	Capacity
1.	Girls Hostel-I	Triple seated	105 seats
2.	Girls Hostel-II	Triple seated	105 seats
3.	Girls Hostel-III	Triple seated	105 seats
4.	Girls Hostel-IV	Single seated	118 seats

- **Boys Hostels**

S. No.	Name	Type	Capacity
1.	Lake View Hostel-Old	Double/ Triple seated	150 seats
2.	Lake View Hostel-New	Single/ Triple seated	200 seats
3.	West Campus Hostel-I	Single seated	180 seats
4.	West Campus Hostel-II	Single/ triple seated	162 seats
6.	West Campus Hostel-III	Single	180 seats
7.	Dr. B.R. Ambedkar Hostel-I	Triple seated	105 seats
8.	Dr. B.R. Ambedkar Hostel-II	Triple seated	105 seats
9.	Ganges View Hostel	Double seated	30 seats
10.	PG Hostel (Boys)	Double seated	30 seats

In addition to above, a new boy's hostel (total capacity of 400) in the West Campus of the university is under construction.

At present the number of seats in hostels for allotment is less than the total strength of students, and hence the hostel accommodation may not be available to all first year students. Each of the above hostels has its own mess.

9. DEPARTMENT'S PROFILE WITH INFRASTRUCTURE & FACILITIES

9.1 School of Basic and Applied Sciences

9.1.1 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, Catalysis, Nano-composites 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 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, UPCAST, INSA, AICTE etc. The qualified and depicted faculties of this department have written books on various field of Chemistry and have published good number of research papers in National and International 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. Mrs. Sadhana Puri, Assistant Professor (Contractual)

3. Dr. Priyadarshani Niranjani, Assistant Professor (Contractual)
4. Dr. Tripti Singh, Assistant Professor (Contractual)

9.1.2 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.

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. Pratibha Mishra, Temporary Faculty
6. Dr. P.N. Pathak, Temporary Faculty

9.1.3 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 500 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. Priti Tiwari, Guest Faculty
4. Dr. Anjani Kumar, Guest Faculty
5. Dr. Ram Nath Agarwal, Guest Faculty

9.2 School of Chemical Technology

9.2.1 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 was established in 1964 as twin department of Biochemical Engineering and Food Technology.

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 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. Shyam Ji Nagar , Associate Professor
2. Mr. Brajesh Singh, Associate Professor
3. Dr. Lalit Kumar Singh, Assistant Professor
4. Mr. Praveen Kumar Sachan, Contractual Faculty
5. Mr. Mohit Kumar Yadav, Contractual Faculty
6. Ms. Shipra Diwedi, Contractual Faculty

9.2.2 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 6500 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.

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. Ram Prasad, Professor
2. Dr. Rajesh Katiyar, Associate Professor
3. Dr. S. K. Gupta, Associate Professor
4. Dr. Ashwani Sood, Associate Professor
5. Dr. G. L. Devnani, Assistant Professor
6. Mr. Jitendra Kumar, Assistant Professor
7. Dr. A. K. Rathore, Assistant Professor
8. Mr. Abhinav Bajpai, Assistant Professor (contractual)
9. Mr. Abhinav Porwal, Assistant Professor (contractual)
10. Ms. Bushra Khatoon, Assistant Professor (contractual)
11. Mr. Gaurav Shukla, Assistant Professor (contractual)
12. Ms. Neeta Singh, Assistant Professor (contractual)
13. Ms. Nidhi Srivastava, Assistant Professor (contractual)
14. Mr. Pankaj Kumar Lodhi, Assistant Professor (contractual)
15. Dr. Poonam Nigam, Assistant Professor (contractual)
16. Ms. Shivangi Nigam, Assistant Professor (contractual)

9.2.3 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.

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

- 02 Class room
- 01 Digital Class room
- 01 Seminar room

Laboratories

- Food Processing Lab (Central Workshop)
- Advance Research Lab
- Food Processing Lab
- PG Lab
- UG Lab-I
- UG Lab-II

List of faculty members

1. Prof. Karunakar Singh, Professor
2. Prof. Alak Kumar Singh, Professor
3. Dr. Vivek Kumar, Assiatant Professor
4. Dr. Soumya Rathore, Guest Faculty
5. Ms. Anjali Srivastava, Guest Faculty
6. Ms. Rishika Tiwari, Guest Faculty

9.2.4 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 get 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

03 Class room

Laboratories

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 (Temporary)
3. Mr. Manish Kumar Saini, Assistant professor (Temporary)

9.2.5 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. 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 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).

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. R. K. Trivedi, Professor
2. Dr. V. K. Tyagi, Professor
3. Dr. P. K. S. Yadav, Associate Professor
4. Mr. H. S. Sharma, Guest Faculty
5. Mr. Rajesh Km. Srivastava, Guest Faculty
6. Mr. S. C. Mishra, Guest Faculty
7. Mr. P. C. Gupta, Guest Faculty
8. Mr. D. N. Tewari, Guest Faculty

9.2.6 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 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.

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. 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. PK Kamani, Professor
3. Dr. Pramod Kumar, Visiting Professor
4. Mr. MI Khan, Guest Faculty
5. Mr. Sunil Mehrotra, Guest Faculty
6. Mr. Ghanshyam, Guest Faculty

9.2.7 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 laboratories 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. Reena Singhal, Professor
2. Prof. Deepak Srivastava, Professor
3. Prof. Indira Nagam, Professor
4. Mr. Ashish Agarwal, Guest Faculty
5. Mohd. Sharib , Guest Faculty
6. Ms. Priyanka Singh, Guest Faculty

9.3 School of Engineering

9.3.1 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. Md. Sarfaraz Ali, Guest Faculty
7. Ms. Arpita Nanad, Guest Faculty
8. Mre. Arstu Gautam, Guest Faculty
9. Ms. Maheswari Sonkar, Guest Faculty
10. Mr. Nikhil Gangwar, Guest Faculty
11. Ms. Anushree Mishra , Guest Faculty

9.3.2 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. Dr. Raghuraj Singh, Professor
2. Dr. Vinay Kumar Pathak, Professor
3. Dr. Narendra Kohli, Professor & Head
4. Dr. B. K. Triphati, Professor
5. Dr. Anita Yadav, Associate Professor
6. Dr. V.D. Kaushik, Associate Professor
7. Dr. Prabhat Verma, Associate Professor
8. Mr. Devendra Kumar Dellwar, Guest Faculty
9. Ms. Samiya Shakil, Guest Faculty
10. Mr. Indresh Kumar Gupta, Guest Faculty
11. Dr. Monika Verma, Guest Faculty

12. Ms. Jyoti Shukla, Guest Faculty
13. Ms. Maya Diwakar, Guest Faculty
14. Ms. Priyanka Pandey, Guest Faculty
15. Mr. Tasleem Jamal, Guest Faculty
16. Mr. Abhishek Agnihotri, Guest Faculty
17. Ms. Suman Lata, Guest Faculty
18. Dr. Sushil Kumar, Guest Faculty
19. Dr. Vikash Yadav, Guest Faculty
20. Mr. Pawan Kumar, Guest Faculty

9.3.3 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 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

01 Lecture Hall

01 Seminar Hall

Laboratories

Basic Electrical Engineering Laboratory

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 Singh, 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. Ms. Anita Tripathi, Guest Faculty
8. Ms. Shivani Dwivedi, Guest Faculty
9. Mr. Ankit Srivastava, Guest Faculty

9.3.4 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.

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. Shankwar, Associate Professor
6. Dr. Ashutosh Singh, Associate Professor
7. Mr. Ambar Yadav, Guest Faculty
8. Ms. Ankita Bajpai, Guest Faculty
9. Ms. Preeti Agarwal Mittal, Guest Faculty
10. Ms. Priyanka Agarwal, Guest Faculty
11. Mr. Raghav Dwivedi, Guest Faculty

9.3.5 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, Associate Professor
7. Mr. R.K. Ambikesh, Associate Professor
8. Dr. S.K.S. Yadav, Assistant Professor
9. Dr. Gaurav Bartarya, Assistant Professor
10. Mrs. Priyanka Katiyar, Guest Faculty
11. Mr. Ankit Dwivedi, Guest Faculty
12. Mr. Adarsh Kumar, Guest Faculty
13. Mr. Monika Srivastava, Guest Faculty
14. Mr. Shyam Sunder, Guest Faculty
15. Mr. Prashant Tripathi, Guest Faculty

9.4 School of Humanities and Social Sciences

9.4.1 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 FDPs 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. Mr. Anchit Agarwal, Research Assistant
5. Mrs. Sapana Singh, Guest Faculty
6. Dr. Om Nath Trivedi, Guest Faculty
7. Ms. Anjana Gupta, Guest Faculty

10. Information regarding NBA accreditation: Accredited & Applied for

Sl. No.	Department	Status
1.	Chemical Engineering	Expired (November, 2016)
2.	Bio Chemical Engineering	
3.	Mechanical Engineering	
4.	Electrical Engineering	
5.	Electronics Engineering	Expired (January, 2016)
6.	Civil Engineering	
7.	Computer Science & Engineering	
8.	Food Technology	
9.	Plastic Technology	Applied for 2017-18
10.	Oil Technology	
11.	Paint Technology	
12.	Information Technology	Neither Accredited nor applied for 2017-18
13.	Leather Technology	

11. 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
A	School of Engineering	
1.	B. Tech. (Civil Engineering)	30
2.	B. Tech. (Computer Science & Engineering)	60
3.	B. Tech. (Electrical Engineering)	33
4.	B. Tech. (Electronics Engineering)	45
5.	B. Tech. (Mechanical Engineering)	60
6.	B. Tech. (Information Technology)	30
B	School of Chemical Technology	
1.	B. Tech. (Biochemical Engineering)	30
2.	B. Tech. (Chemical Engineering)	50
3.	B.Tech. (Food Technology)	30
4.	B. Tech. (Leather Technology)	20
5.	B.Tech. (Oil Technology)	30
6.	B. Tech. (Plastic Technology)	30
7.	B.Tech. (Paint Technology)	30

Post-graduate (M. Tech. & MCA) 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
M. TECH.			
School of Engineering			
1.	Civil Engineering	Environmental Science & Engineering	18
2.	Electronics Engineering	Electronics and Communication Engineering	18
3.	Mechanical Engineering	Computer Added Design	18
4.	Mechanical Engineering	Industrial System Engineering (PT)	10
5.	Mechanical Engineering	Mechanical engineering Design (PT)	10
6.	Civil Engineering	Soil Mechanics and foundation Engineering (PT)	10
7.	Civil Engineering	Structural engineering (PT)	10
8.	Electrical Engineering	Power electronics and control (PT)	10
School of Chemical Technology			
1.	Chemical Engineering	Chemical Engineering (Full time +part time)	18+10
2.	Biochemical Engineering	Biochemical Engineering	12
3.	Food Technology	Food Technology	11
4.	Oil Technology	Oil Technology	11
MCA			
1.	Mater of computer application	Mater of computer application	60

Doctoral Programmes

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.

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

Student Strength -UG

Branch	Total Intake	Actual Intake	Total	Male						Female					
				GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE	30	29	29	8	7	3	-	4	22	2	4	1	-	-	7
CE	30	32	32	11	9	4	-	2	26	1	2	2	1	-	6
CH	50	50	50	20	10	9	-	-	39	7	3	1	-	-	11
CSE	60	63	63	21	16	10	1	1	49	6	4	4	-	-	14
EE	33	35	35	13	8	5	-	1	27	3	3	2	-	-	8
ET	45	46	46	17	11	6	1	1	36	4	3	3	-	-	10
FT	30	32	32	7	19	1	-	-	27	4	-	-	-	-	4
IT	30	32	32	14	5	5	1	1	26	3	1	1	-	1	6
LT	20	15	15	2	2	7	-	1	12	-	-	2	-	1	3
ME	60	62	62	23	17	10	1	-	51	3	5	3	-	-	11
OT	30	31	31	12	8	5	-	-	25	3	2	-	-	1	6
PL	30	31	31	14	8	2	-	1	25	4	1	1	-	-	6
PT	30	31	31	16	3	7	-	-	26	4	-	1	-	-	5
Total	478	489	489	178	123	74	4	12	391	44	28	21	1	3	97

MCA	60	59	59	19	14	6	-	-	39	12	6	3	-	-	21
-----	----	----	----	----	----	---	---	---	----	----	---	---	---	---	----

Student Strength -PG																	
Branch	Total Intake		Actual Intake		Total	Male						Female					
	Regular	Part Time	Regular	Part Time		GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE	12		3	0	3	0	0	0	0	0	0	1	0	2	0	0	3
CAD	18		18	0	18	4	5	3	0	0	12	3	2	1	0	0	6
CE(ESE)	18		18	0	18	11	3	2	0	0	16	1	0	1	0	0	2
CH	18		11	0	11	4	3	1	0	0	8	0	2	2	0	0	4
ET	18		16	0	16	8	0	0	0	0	8	7	1	1	0	0	9
FT	11		9	0	9	2	1	0	0	0	3	3	2	1	0	0	6
OT	11		1	0	1	0	0	0	0	0	0	1	0	0	0	0	1
EE		10		3	3	3	0	0	0	0	3	0	0	0	0	0	0
CH		10			0						0						0
CE (SMFE)		10		0	1	0	0	0	0	0	0	0	0	0	0	0	0
CE (SE)		10		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ME(MED)		10		0	0	0	0	0	0	0	0	0	0	0	0	0	0
ME(ISE)		10			0	0	0	0	0	0	0	0	0	0	0	0	0
			76	3	79	32	12	6	0	0	50	16	7	8	0	0	31

Student Strength -Ph.D																	
Branch	Total Intake		Actual Intake		Total	Male						Female					
	Regular	Part Time	Regular	Part Time		GEN	OBC	SC	ST	Minority	Total	GEN	OBC	SC	ST	Minority	Total
BE			2	-	2						0	2					2
CE			-	2	2	1	1				2						0
CH			1	1	2	1					1			1			1
CHY			-	1	1			1			1						0
CSE			1	2	3	2					2	1					1
EE			-	1	1	1					1						0
ET			2	1	3	1					1	2					2
FT			1	-	1						0	1					1
HUM			1	1	2	1					1	1					1
OT			-	1	1	1					1						0
ME			-	2	2	2					2						0
			8	12	20	10	1	1	0	0	12	7	0	1	0	0	8

13. 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	05	14
2	Associate Professor	38	14	24
3	Assistant Professor	74	45	29

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	00	01
3	Finance Controller	01	01	00
4	Controller of Examination	01	01	00
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

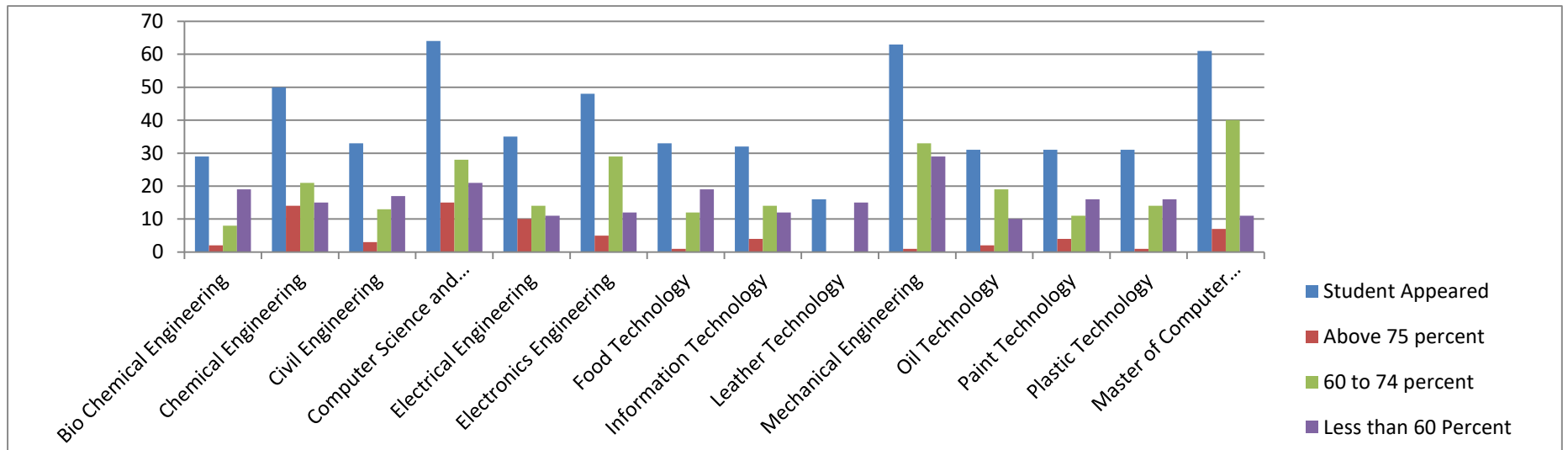
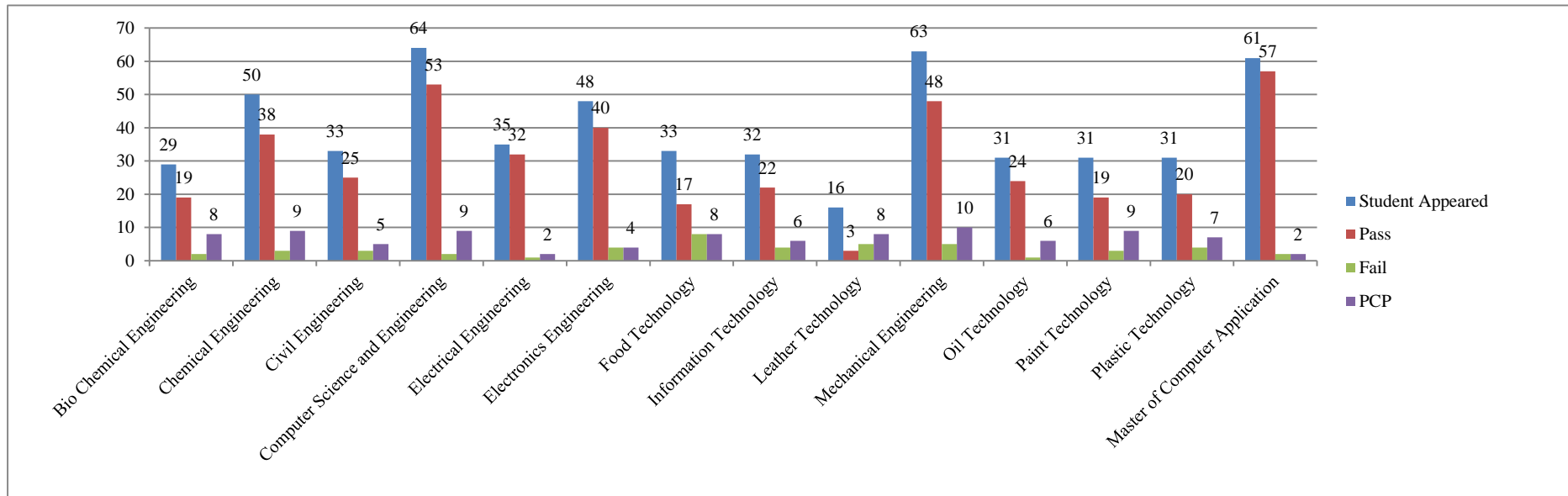
Sl.No.	Post name	Sanctioned Intake	Actual filled	Vacant Posts
1	Research Assistant	11	06	05
2	Foreman	06	02	04
3	Instructor	09	06	03
4	Technical Assistant	12	03	09
5	Senior Mechanic	03	01	02
6	Mechanic-A	02	01	01
7	Junior Steno/Steno	07	02	05
8	Junior Assistant	29	16	13
9	Boiler Attendant	02	00	02
10	Mechanic	02	01	01
11	Fitter	02	01	01
12	Driver	03	00	03
13	Mistri	02	01	01
14	SND/Head Assistant	18	17	01

15	Switch Board Operator	04	01	03
16	Mechanic-B	03	01	02
17	Computer Operator	03	03	00
18	Cataloger	02	02	00
19	Punch Operator	02	02	00
20	Assistant Registrar	01	00	01
21	Dy. Librarian	01	01	00
22	Lab and workshop supervisor	01	01	00
23	Internal Auditor	01	01	00
24	Personal Assistant	01	01	00
25	Senior Library Assistant	01	01	00
26	Senior Draftsman	01	01	00
27	Chief Store Keeper	01	00	01
28	Junior Engineer	01	01	00
29	Senior Stenographer	01	01	00
30	Head Clerk	01	01	00
31	Compounder	01	00	01
32	Pharmacist	01	00	01
33	Assistant Accountant	01	01	00
34	Technical Assistant (Store)	01	01	00
35	Store Keeper	01	00	01
36	Junior Library Assistant	01	00	01
37	Senior Grinder	01	00	01
38	Junior Draftsman	01	01	00
39	Telephone Operator (EPBX)	01	00	01
40	Boiler man	01	01	00
41	Carpentry Instructor	01	01	00
42	Electrician	01	00	01
43	Turner	01	00	01
44	Fitter cum Carpenter	01	01	00
45	Blacksmith	01	00	01
46	Trades man	01	00	01
47	Furnish Operator	01	00	01
48	Mechanic	01	00	01
49	Senior Machine man	01	00	01
Total		152	81	71
Supernumerary Post		03	03	00
Grand Total		155	84	71

Note: Contractual Staff appointed against all vacant positions

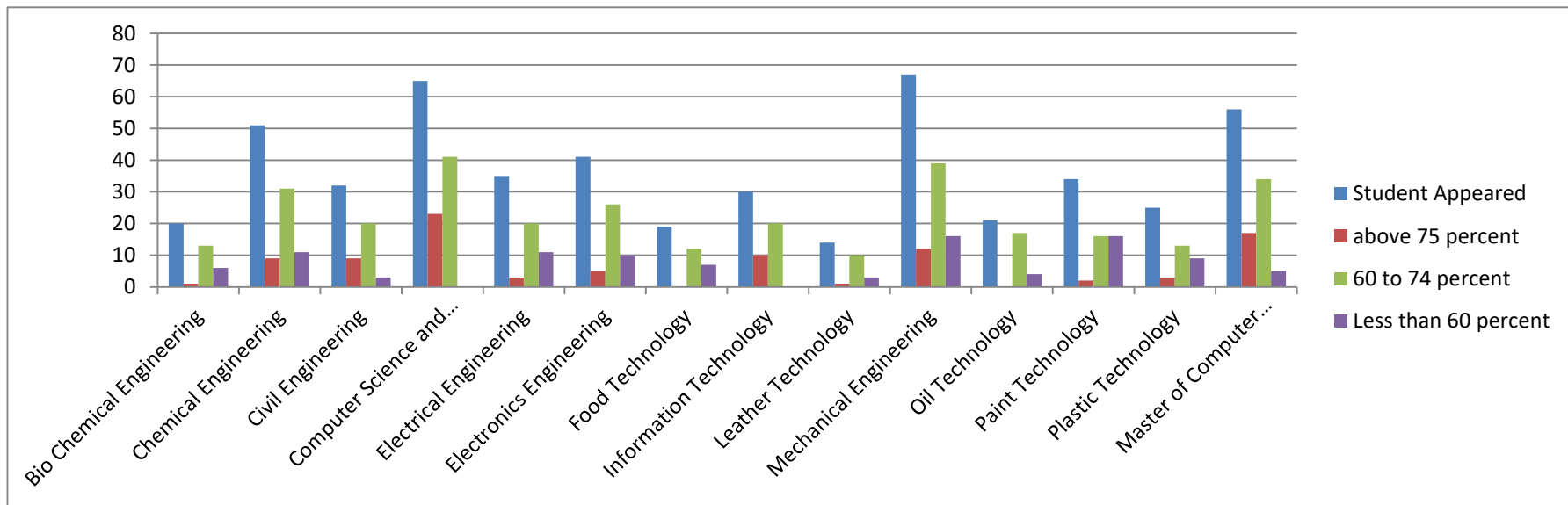
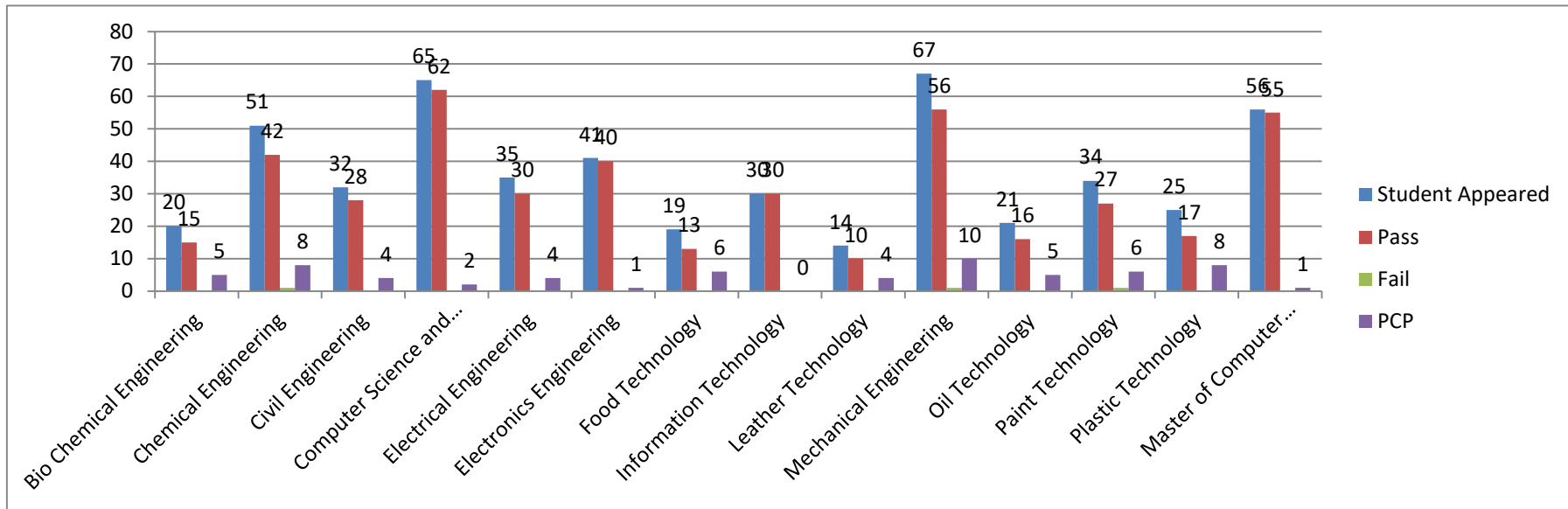
14. Exam Result Analysis 2017-2018

B. Tech. FIRST YEAR													
Branch name	No.of Student appeared	Clear pass		FAIL		PCP		75% and above		60%-74%		less than 60	
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Bio Chemical Engineering	29	19	65.52	2	6.90	8	27.59	2	6.90	8	27.59	19	65.52
Chemical Engineering	50	38	76.00	3	6.00	9	18.00	14	28.00	21	42.00	15	30.00
Civil Engineering	33	25	75.76	3	9.09	5	15.15	3	9.09	13	39.39	17	51.52
Computer Science and Engineering	64	53	82.81	2	3.13	9	14.06	15	23.44	28	43.75	21	32.81
Electrical Engineering	35	32	91.43	1	2.86	2	5.71	10	28.57	14	40.00	11	31.43
Electronics Engineering	48	40	83.33	4	8.33	4	8.33	5	10.42	29	60.42	12	25.00
Food Technology	33	17	51.52	8	24.24	8	24.24	1	3.03	12	36.36	19	57.58
Information Technology	32	22	68.75	4	12.50	6	18.75	4	12.50	14	43.75	12	37.50
Leather Technology	16	3	18.75	5	31.25	8	50.00	0	0.00	0	0.00	15	93.75
Mechanical Engineering	63	48	76.19	5	7.94	10	15.87	1	1.59	33	52.38	29	46.03
Oil Technology	31	24	77.42	1	3.23	6	19.35	2	6.45	19	61.29	10	32.26
Paint Technology	31	19	61.29	3	9.68	9	29.03	4	12.90	11	35.48	16	51.61
Plastic Technology	31	20	64.52	4	12.90	7	22.58	1	3.23	14	45.16	16	51.61
Master of Computer Application	61	57	93.44	2	3.28	2	3.28	7	11.48	40	65.57	11	18.03



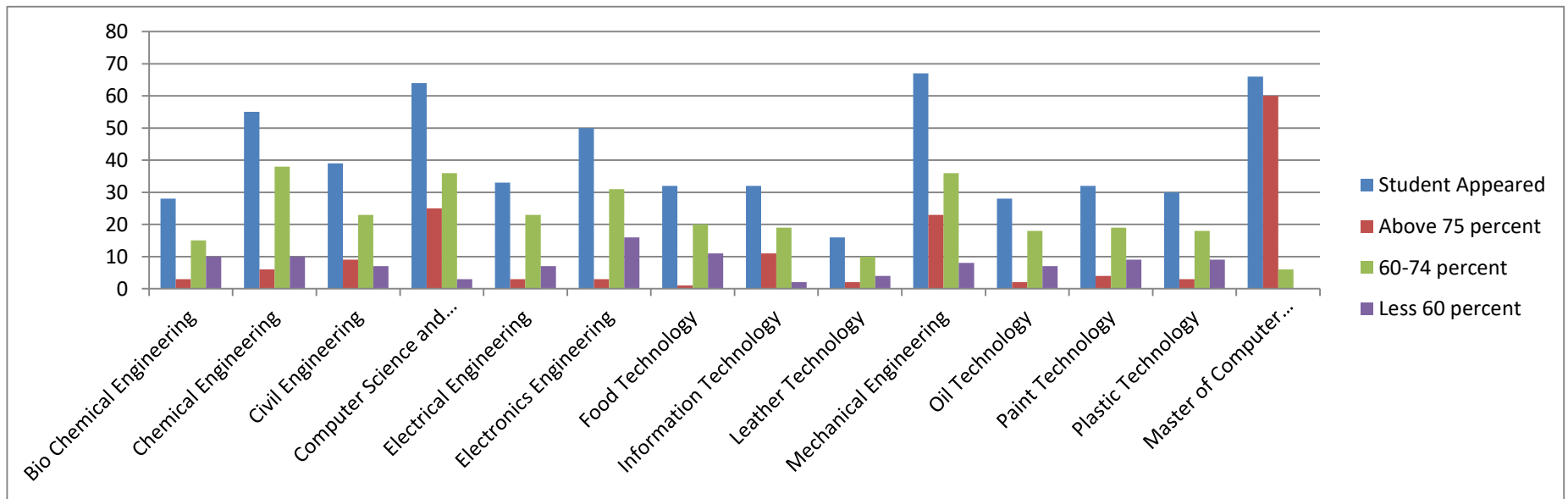
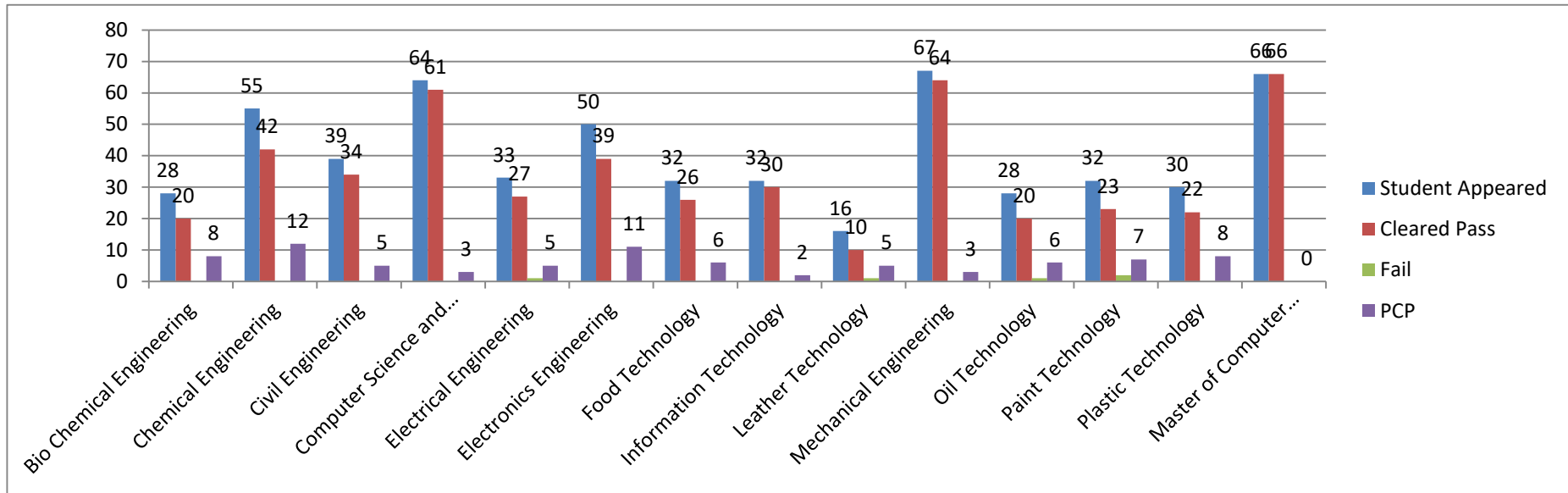
B.Tech. Second Year

Branch name	No of Student appeared	clear pass		FAIL		PCP		75% and above		60%-74%		less than 60	
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Bio Chemical Engineering	20	15	75	0	0	5	25	1	5	13	65	6	30
Chemical Engineering	51	42	82.35	1	0.02	8	15.69	9	17.65	31	60.78	11	21.57
Civil Engineering	32	28	87.50	0	0.00	4	12.50	9	28.13	20	62.50	3	9.38
Computer Science and Engineering	65	62	95.38	0	0.00	2	3.08	23	35.38	41	63.08	0	0.00
Electrical Engineering	35	30	85.71	0	0.00	4	11.43	3	8.57	20	57.14	11	31.43
Electronics Engineering	41	40	97.56	0	0.00	1	2.44	5	12.20	26	63.41	10	24.39
Food Technology	19	13	68.42	0	0.00	6	31.58	0	0.00	12	63.16	7	36.84
Information Technology	30	30	100.00	0	0.00	0	0.00	10	33.33	20	66.67	0	0.00
Leather Technology	14	10	71.43	0	0.00	4	28.57	1	7.14	10	71.43	3	21.43
Mechanical Engineering	67	56	83.58	1	0.01	10	14.93	12	17.91	39	58.21	16	23.88
Oil Technology	21	16	76.19	0	0.00	5	23.81	0	0.00	17	80.95	4	19.05
Paint Technology	34	27	79.41	1	0.03	6	17.65	2	5.88	16	47.06	16	47.06
Plastic Technology	25	17	68.00	0	0.00	8	32.00	3	12.00	13	52	9	36.00
Master of Computer Application	56	55	98.21	0	0.00	1	1.79	17	30.36	34	60.71	5	8.93



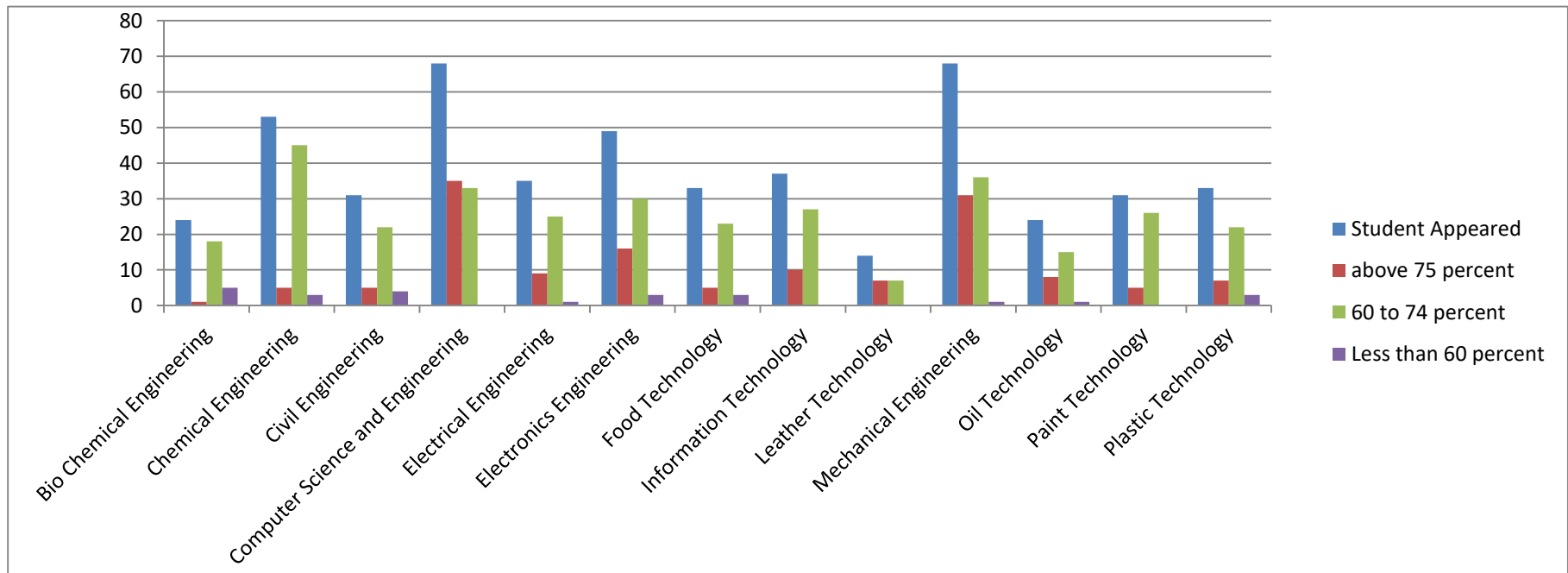
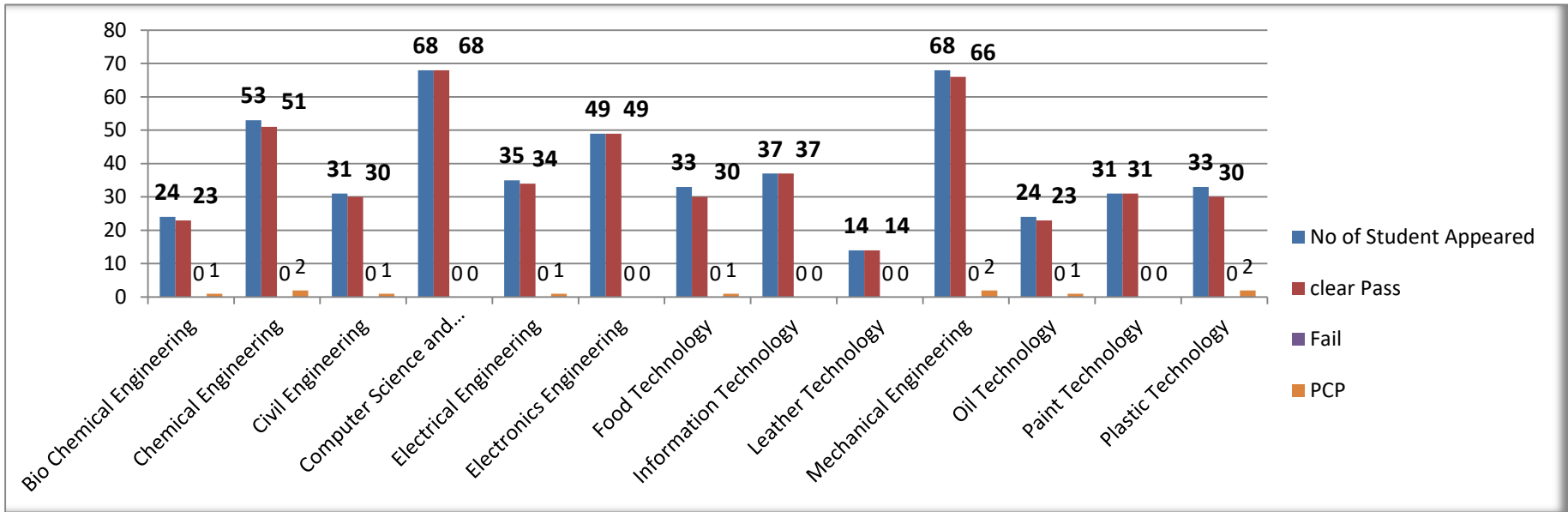
B. Tech. Third Year

Branch name	No of Student	Clear Pass		Fail		PCP		75% and above		60%-74%		less than 60%	
		No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent
	appeared												
Bio Chemical Engineering	28	20	71.43	0	0	8	28.57	3	10.71	15	53.57	10	35.71
Chemical Engineering	55	42	76.36	0	0	12	21.82	6	10.91	38	69.09	10	18.18
Civil Engineering	39	34	87.18	0	0	5	12.82	9	23.08	23	58.97	7	17.95
Computer Science and Engineering	64	61	95.31	0	0	3	4.69	25	39.06	36	56.25	3	4.69
Electrical Engineering	33	27	81.82	1	3.03	5	15.15	3	9.09	23	69.70	7	21.21
Electronics Engineering	50	39	78.00	0	0.00	11	22.00	3	6.00	31	62.00	16	32.00
Food Technology	32	26	81.25	0	0.00	6	18.75	1	3.13	20	62.50	11	34.38
Information Technology	32	30	93.75	0	0.00	2	6.25	11	34.38	19	59.38	2	6.25
Leather Technology	16	10	62.50	1	6.25	5	31.25	2	12.50	10	62.50	4	25.00
Mechanical Engineering	67	64	95.52	0	0.00	3	4.48	23	34.33	36	53.73	8	11.94
Oil Technology	28	20	71.43	1	3.57	6	21.43	2	7.14	18	64.29	7	25.00
Paint Technology	32	23	71.88	2	6.25	7	21.88	4	12.50	19	59.38	9	28.13
Plastic Technology	30	22	73.33	0	0.00	8	26.67	3	10.00	18	60.00	9	30.00
Master of Computer Application	66	66	100.00	0	0.00	0	0.00	60	90.91	6	9.09	0	0.00



B. Tech. Fourth Year

Branch Name	No of Student	Clear Pass		FAIL		PCP		75% & above		60% -74%		less than 60%	
		appeared	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.	Percent	No.
Bio Chemical Engineering	24	23	95.83	0	0	1	4.17	1	4.17	18	75.00	5	20.83
Chemical Engineering	53	51	96.23	0	0	2	3.77	5	9.43	45	84.91	3	5.66
Civil Engineering	31	30	96.77	0	0	1	3.23	5	16.13	22	70.97	4	12.90
Computer Science and Engineering	68	68	100.00	0	0	0	0.00	35	51.47	33	48.53	0	0.00
Electrical Engineering	35	34	97.14	0	0	1	2.86	9	25.71	25	71.43	1	2.86
Electronics Engineering	49	49	100.00	0	0	0	0.00	16	32.65	30	61.22	3	6.12
Food Technology	33	30	90.91	0	0	1	3.03	5	15.15	23	69.70	3	9.09
Information Technology	37	37	100.00	0	0	0	0.00	10	27.03	27	72.97	0	0.00
Leather Technology	14	14	100.00	0	0	0	0.00	7	50.00	7	50.00	0	0.00
Mechanical Engineering	68	66	97.06	0	0	2	2.94	31	45.59	36	52.94	1	1.47
Oil Technology	24	23	95.83	0	0	1	4.17	8	33.33	15	62.50	1	4.17
Paint Technology	31	31	100.00	0	0	0	0.00	5	16.13	26	83.87	0	0.00
Plastic Technology	33	30	90.91	0	0	2	6.06	7	21.21	22	66.67	3	9.09



15. GATE qualified students details (2017-18)

S. No.	Branch	No. of Appeared Students	No. of Qualified Student	Success Rate (%)
1	Computer Science & Engg.	29	24	82.8
2	Information Technology	15	13	86.7
3	Civil Engineering	22	16	72.7
4	Electrical Engineering	21	15	71.4
5	Electronics Engineering	37	20	54.0
6	Mechanical Engineering	57	45	78.9
7	Chemical Engineering	44	25	56.8
8	Biochemical Engineering	10	4	40.0
9	Food Technology	10	4	40.0
10	Plastic Technology	12	5	41.7
11	Oil Technology	4	2	50.0
Total		261	173	

STUDENT DETAILS OF GATE EXAM-2017-18

S.No.	Student Name	Gender	Category	Branch	GATE Registration Number	GATE Rank
1	DIKSHA VERMA	FEMALE	SC	BE	BT18S45020402	1872
2	ANOOP KUMAR MISHRA	MALE	Gen	BE	CH18S45018101	2344
3	BHANU PRATAP SINGH	MALE	SC	BE	BT18S45001329	2668
4	RAJESH GUPTA	MALE	gen	BE	CH18S45019145	2776
5	RAJAT	MALE	GEN	CE	CE18S85020029	896
6	KRISHAN KUMAR	MALE	OBC	CE	CE18S75021061	1121
7	PRAKHAR PRAKASH	MALE	GEN	CE	CE18S75021029	1391
8	DURGESH PRATAP SINGH TOMAR	MALE	GEN	CE	CE18S85020099	2450
9	DIVYANSHU SINGH	MALE	GEN	CE	CE18S85020081	2822
10	ANKUR AGARWAL	MALE	GEN	CE	CE18S85020130	2980
11	SANJAY SHARMA	MALE	GEN	CE	CE18S85020084	3216
12	SHIVAM PATEL	MALE	OBC	CE	CE18S85020116	3391

13	MOHD SHARIQ HABIB	MALE	OBC	CE	CE18S85020116	4580
14	ATEENDRA KESERWANI	MALE	GEN	CE	CE18S85020202	5264
15	KISHAN MODANWAL	MALE	OBC	CE	CE18S75020210	5618
16	HARSHIT GUPTA	MALE	GEN	CE	CE18S75020086	5618
17	VIVEK KUMAR	MALE	OBC	CE	CE18S75021083	7556
18	ANSHU KUMAR	MALE	SC	CE	CE18S75020045	8934
19	SHUBHAM MISHRA	MALE	GEN	CE	CE18S85020049	10166
20	DEVENDRA KUMAR	MALE	OBC	CE	CE18S75021098	21196
21	PRASHANT VARSHNEY	MALE	GEN	CHE	CH18S45002395	9
22	MUDIT SINGH	MALE	GEN	CHE	CH18S45018167	26
23	ANJANI KR RAI	FEMALE	GEN	CHE	CH18S45018161	39
24	ADITYA SINGH	MALE	OBC	CHE	CH18S45019280	147
25	SHIVAM SHUKLA	MALE	GEN	CHE	CH18S45020239	157
26	ANANT ANAND	MALE	GEN	CHE	CH18S45019820	201
27	ANKIT KUMAR VERMA	MALE	OBC	CHE	CH18S45021361	381
28	PRIYANKA KUMARI	FEMALE	SC	CHE	CH18S45018014	598
29	VISHAL PATEL	MALE	OBC	CHE	CH18S45019034	622
30	PARMANAND SINGH	MALE	OBC	CHE	CH18S45018119	820
31	ATAL BAJPAI	MALE	GEN	CHE	CH18S45018188	847
32	PUKIT JINDAL	MALE	GEN	CHE	CH18S45018020	919
33	RAHUL PARTH	MALE	SC	CHE	CH18S45021232	1023
34	SIDDHARTH SINGH	MALE	GEN	CHE	CH18S45018134	1055
35	ROHAN GUPTA	MALE	GEN	CHE	CH18S45019142	1447
36	NIRBHAY SINGH	MALE	GEN	CHE	CH18S45021046	1447
37	NIRANJAN SINGH	MALE	GEN	CHE	CH18S45020311	1646
38	AVNEESH DIXIT	MALE	GEN	CHE	CH18S45019070	2234
39	AGRIMA SHIVHARE	MALE	OBC	CHE	CH18S45019061	2779
40	SATYAM GUPTA	MALE	GEN	CHE	CS18S35019005	3039
41	VAIBHAV TRIPATHI	MALE	GEN	CHE	CS18S35019210	3135
42	SHAIVYA ANAND	FEMALE	OBC	CHE	CH18S45027031	3335
43	HARSHVARDHAN SINGH	MALE	SC	CHE	CH18S45018125	3368
44	ASHWANI DEV ANURAGI	MALE	SC	CHE	CH18S45020032	4333
45	SUNIL SHANKAR SAROJ	MALE	SC	CHE	CH18S45019040	5078
46	GOURAV CHATURVEDI	MALE	GEN	CSE	CS18S35019295	190
47	DHARMENDRA MAURYA	MALE	OBC	CSE	CS18S35021222	744
48	SHIVAM AGARWAL	MALE	GEN	CSE	CS18S35020277	840
49	SANDEEP CHAUHAN	MALE	OBC	CSE	CS18S35021220	1400

50	AYUSHI SAXENA	FEMALE	GEN	CSE	CS18S35009059	2410
51	SUMIT GUPTA	MALE	GEN	CSE	CS18S35021268	3381
52	AJAY KUMAR	MALE	OBC	CSE	CS18S35020316	4125
53	ASAD REHMAN	MALE	GEN	CSE	CS18S35021242	5255
54	NIKHIL KUMAR	MALE	OBC	CSE	CS18S35018055	5615
55	CHANDER RAJ SINGH	MALE	GEN	CSE	CS18S35021059	5976
56	AJAY PRATAP SINGH CHAUHAN	MALE	GEN	CSE	CS18S35020035	5976
57	SATISH GUPTA	MALE	OBC	CSE	CS18S35020337	6891
58	NEERAJ KUSHAWAHA	MALE	OBC	CSE	CS18S35019293	6977
59	SANDEEP MAURYA	MALE	PH	CSE	CS18S35018005	6977
60	SATYAM GARG	MALE	GEN	CSE	CS18S35020332	7414
61	ANVESH AGARWAL	MALE	GEN	CSE	CS18S35021127	8643
62	KAJAL	FEMALE	GEN	CSE	CS18S35020109	10056
63	AJAD KUMAR	MALE	SC	CSE	CS18S35018146	10710
64	YOGESH SINGH	MALE	SC	CSE	CS18S35018033	11358
65	PRIYANSHI VERMA	FEMALE	OBC	CSE	CS18S35027251	12049
66	DEVESH RAIPURIYA	MALE	OBC	CSE	CS18S35018029	13600
67	VINAY KUMAR KAUL	MALE	SC	CSE	CS18S35020151	14050
68	SHAILESH BHASKAR	MALE	SC	CSE	CS18S35021155	19995
69	HEMANT KUMAR GOND	MALE	ST	CSE	CS18S35018073	28224
70	DEVENDRA CHAUDHARY	MALE	GEN	EE	EE18S65025285	5
71	VIBHAV PANDEY	MALE	GEN	EE	EE18S65020080	74
72	AJIT KUMAR YADAV	MALE	OBC	EE	EE18S65021102	108
73	ANKIT BHATT	MALE	GEN	EE	EE18S65020255	363
74	RAJAT DIXIT	MALE	GEN	EE	EE18S65021060	1548
75	LOVEY KUMAR VARSHNEY	MALE	GEN	EE	EE18S65021037	1741
76	AKASH DEEP GANGWAR	MALE	OBC	EE	EE18S65020219	1801
77	GITESH PATEL	MALE	OBC	EE	EE18S65020049	3150
78	AMIT KUMAR	MALE	GEN	EE	EE18S65020269	5588
79	SAMRAT SINGH	MALE	GEN	EE	EE18S65020200	5910
80	RAJNISH KUMAR VERMA	MALE	OBC	EE	EE18S65020257	6539
81	KRIPASHANKAR	MALE	GEN	EE	EE18S65020060	7037
82	ANIL KUMAR	MALE	SC	EE	EE18S65021149	7207
83	SHEETAL MANDAL	FEMALE	SC	EE	EE18S65021164	22158
84	RAHUL KUMAR	MALE	SC	EE	EE18S65021300	22752
85	RAHUL KUMAR DWIVEDI	MALE	GEN	ET	EC18S55020104	439
86	YASH GUPTA	MALE	GEN	ET	EC18S55021006	638

87	ABHAY SHARMA	MALE	GEN	ET	EC18S55020154	927
88	MUDIT JINDAL	MALE	GEN	ET	EC18S55001282	927
89	NITIN SHARMA	MALE	GEN	ET	EC18S55020184	975
90	SHASHWAT GAUTAM	MALE	GEN	ET	EC18S55021362	1389
91	HARISHCHANDRA YADAV	MALE	OBC	ET	EC18S55020285	1516
92	MANAS TRIPATHI	MALE	GEN	ET	EC18S55020383	1583
93	PRASHANT KESARWANI	MALE	GEN	ET	EC18S55020247	1823
94	CHANDRAPRAKASH SINGH	MALE	OBC	ET	EC18S55020404	2145
95	AARTESH SHEKHAR SINGH	MALE	GEN	ET	EC18S53021076	4131
96	RAM CHANDRA	MALE	OBC	ET	EC18S55020300	4925
97	DEEKSHA	FEMALE	SC	ET	EC18S55021437	5823
98	PARUL CHANDEL	FEMALE	SC	ET	EC18S55020326	5823
99	CHARUL AGRAWAL	FEMALE	GEN	ET	EC18S55020040	6249
100	SHOBHIT DWIVEDI	MALE	GEN	ET	EC18S55021143	6670
101	SHREYA VAISH	FEMALE	OBC	ET	EC18S55020132	7370
102	MAYANK AGRAWAL	MALE	GEN	ET	EC18S55021415	7652
103	NISHANT KUMAR	MALE	SC	ET	EC18S55021305	9168
104	RISHABH GUPTA	MALE	OBC	ET	EC18S55021445	10831
105	ASHISH KUMAR MISHRA	MALE	GEN	FT	XL18S15019226	638
106	PRINCY AGNIHOTRI	FEMALE	GEN	FT	XL18S15018094	838
107	SUNIL KUMAR	MALE	SC	FT	XL18S15020143	959
108	SANDEEP RANJAN	MALE	SC	FT	XL18S15021222	5005
109	ADITI SINGH	FEMALE	GEN	IT	CS18S35019180	201
110	SHIVA SINGH CHAUHAN	MALE	GEN	IT	CS18S35021269	1976
111	AZEEM AHMED	MALE	OBC	IT	CS18S35019273	2509
112	PRIYANKA BHATTI	FEMALE	GEN	IT	CS18S35021276	5255
113	UDIT PANDEY	MALE	GEN	IT	CS18S35019129	5444
114	AKSHAT GOEL	MALE	GEN	IT	CS18S35019201	8122
115	SHIKHA SINGH	FEMALE	OBC	IT	CS18S35020171	8873
116	SHUBHAM KUMAR CHAUDHARY	MALE	SC	IT	CS18S35019103	10056
117	ABHISHEK YADAV	MALE	OBC	IT	G430R16	10374
118	MADHU	FEMALE	OBC	IT	CS18S35019074	10374
119	ABHIJEET NAUTIYAL	MALE	GEN	IT	CS18S35018071	10710
120	SHREYANSHU AGARWAL	MALE	GEN	IT	CS18S35020155	11021
121	JAYANSHU	MALE	SC	IT	CS18S35009065	19379
122	SUHAIL AHMAD	MALE	OBC	ME	ME18S25020329	785

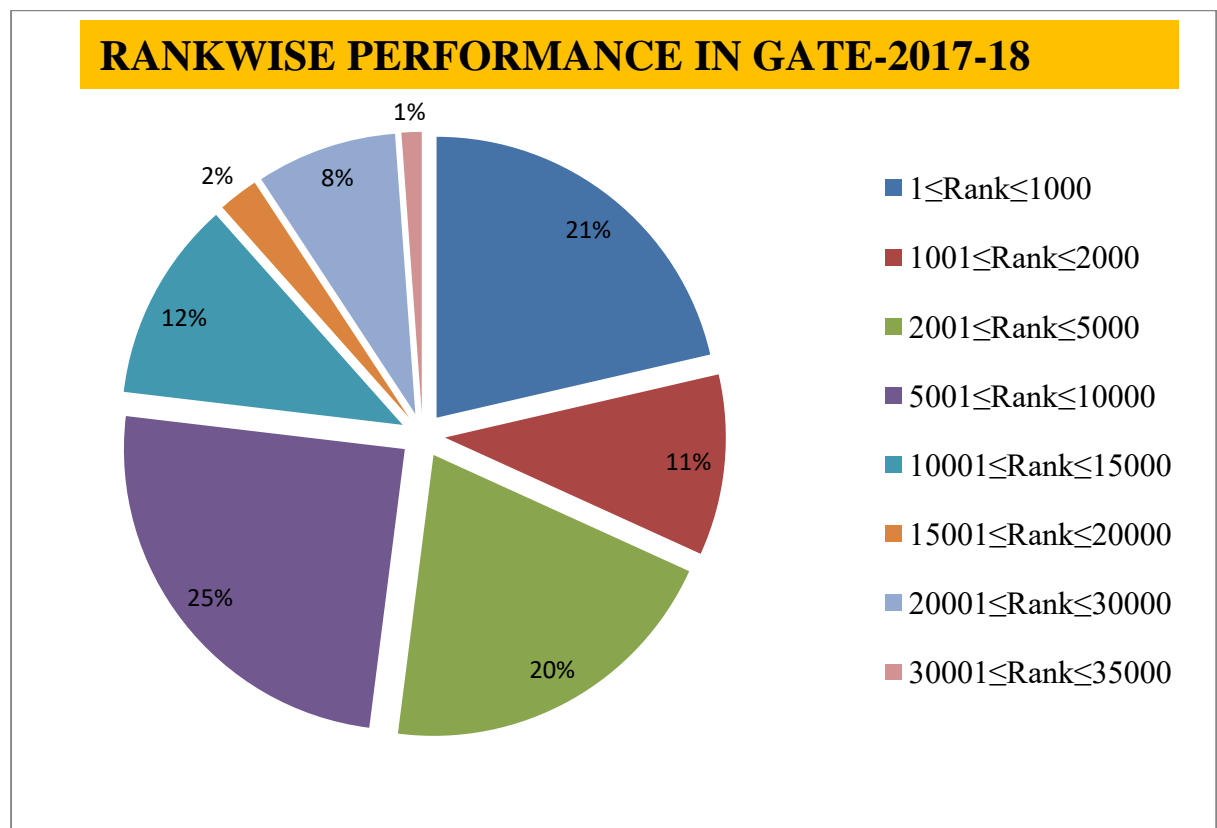
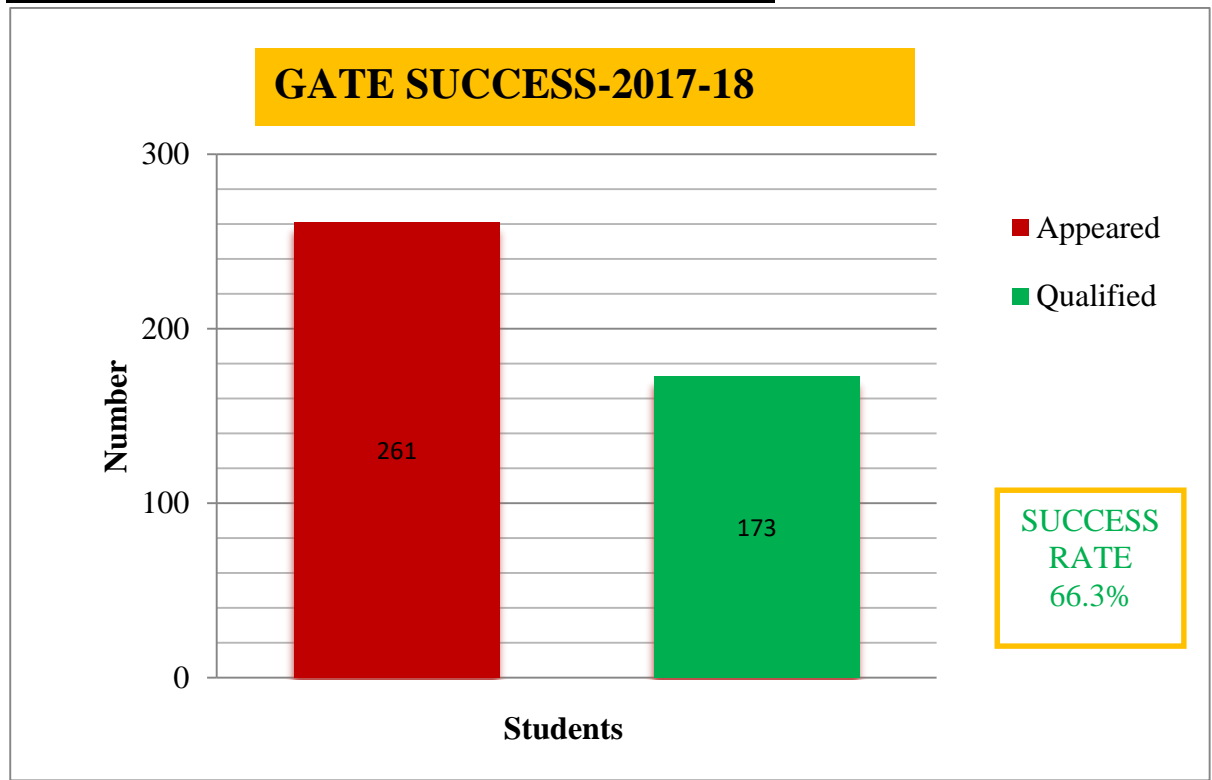
123	ASHUTOSH SHANDILYA	MALE	GN	ME	ME18S15020364	919
124	JAMES GEORGE	MALE	GN	ME	ME18S25025222	1808
125	AVINASH KUMAR SINGH	MALE	GN	ME	ME18S15018176	2160
126	RISHI KAPOOR	MALE	OBC	ME	ME18S15021248	2160
127	SHUBHAM PRATAP SINGH	MALE	SC	ME	ME18S25019242	2828
128	RACHIT SAXENA	MALE	GN	ME	ME18S15018188	3002
129	ADITYA UTKARSH	MALE	OBC	ME	ME18S25020325	3061
130	RAHUL SINGH	MALE	OBC	ME	ME18S15018153	3480
131	AMIT KUMAR GAUTAM	MALE	SC	ME	ME18S15020032	3666
132	MANVENDRA PRATAP SINGH	MALE	GN	ME	ME18S15027278	4180
133	UTKARSH PORWAL	MALE	GN	ME	ME18S15021264	4626
134	AKASH SINGH	MALE	SC	ME	ME18S25020210	4970
135	DEEPANSHU SINGH	MALE	SC	ME	ME18S25019125	5111
136	VAIBHAV KUMAR YADAV	MALE	OBC	ME	ME18S15019035	5682
137	NISHANT VARSHNEY	MALE	GN	ME	ME18S15018057	5996
138	NIDHI	FEMALE	OBC	ME	ME18S25020234	7751
139	SIDDARTH KUMAR SINGH	MALE	GN	ME	ME18S25021033	8313
140	DEVANSH NIKHRA	MALE	GN	ME	ME18S15021049	8610
141	BHANU GAUR	MALE	GN	ME	ME18S25018033	8701
142	ASHISH SINGH	MALE	OBC	ME	ME18S25018135	8896
143	ASHISH SINGH	MALE	OBC	ME	ME18S25018135	8896
144	BHANU PRATAP SINGH	MALE	GN	ME	ME18S25021283	9554
145	SHAILENDRA KUMAR VERMA	MALE	OBC	ME	ME18S25020216	9748
146	SUYASH AGARWAL	MALE	GN	ME	ME18S25019201	10449
147	SUNIL SINGH KUSHWAHA	MALE	OBC	ME	ME18S25019115	11360
148	MUKESH KUMAR DUBEY	MALE	GN	ME	ME18S15021103	11719
149	RITIK	MALE	SC	ME	ME18S15019185	12093
150	JEEVAN SINGH	MALE	SC	ME	ME18S25018041	14133
151	PRABUDDH MISHRA	MALE	GN	ME	ME18S15018126	14256
152	AVIRAL GUPTA	MALE	GN	ME	ME18S25020306	14939
153	ROBIN YADAV	MALE	OBC	ME	ME18S25019301	17958
154	DEEPAK PAL	MALE	OBC	ME	ME18S15021055	18426
155	ARUN KUMAR	MALE	OBC	ME	ME18S15021273	20081
156	PRANJAL SINGH	MALE	OBC	ME	ME18S15021185	20081
157	AYUSHI VERMA	FEMALE	GN	ME	ME18S15018146	22171
158	SHUBHAM SRIVASTAVA	MALE	GN	ME	ME18S25020331	22726
159	APOORVA TRIVEDI	MALE	GN	ME	ME18S25020223	24668

160	RAJAT SONY	MALE	OBC	ME	ME18S25019299	26303
161	MOHIT SHARMA	MALE	GN	ME	ME18S15019333	26698
162	DEVESH CHAWLA	MALE	GN	ME	ME18S25020035	28053
163	EKTA YADAV	FEMALE	OBC	ME	ME18S15021348	28321
164	RAVI KUMAR KUSHWAHA	MALE	OBC	ME	ME18S15021205	29330
165	VIPUL PRAKASH SINGH	MALE	SC	ME	ME18S15020256	30325
166	MOHIT SAXENA	MALE	OBC	ME	ME18S15021294	34443
167	SHRUTI KHANDELWAL	FEMALE	GN	OT	CH18S45021082	94
168	RAJUL MAHESHWARI	MALE	GN	OT	CH18S45021097	2344
169	SHIVAM VARSHNEY	MALE	GEN	PL	XE18S15018018	179
170	ASHISH KUMAR	MALE	SC	PL	XE18S15020025	272
171	SARTHAK SINGH	MALE	GEN	PL	XE18S15021116	313
172	ANUPAN DHANGAR	MALE	SC	PL	XE18S15020033	593
173	NEHA SINGH	FEMALE	SC	PL	XE18S15021044	980
174	ASHWANI KUMAR	MALE	SC	BE	CH18S45020374	NQ
175	GAURAV VERMA	MALE	OBC	BE	BT18S45019399	NQ
176	ISHRAT JAHAN BADRUDDIN	FEMALE	OBC	BE	BT18S45021129	NQ
177	JAYA SINGH BHADAURIYA	FEMALE	Gen	BE	CH18S45018194	NQ
178	RUBY KUSHAWAHA	FEMALE	OBC	BE	BT18S45019129	NQ
179	DHARMENDRA KUMAR	MALE	OBC	BE	G565X76	NQ
180	ANUJ KUMAR	MALE	SC	CE	CE18S75020001	NQ
181	BAJRANG PRATAP SINGH BISHNOI	MALE	GEN	CE	CE18S85026045	NQ
182	SHUBHAM KUMAR AGRAWAL	MALE	GEN	CE	CE18S85021002	NQ
183	VIPRO CHAUHAN	MALE	GEN	CE	CE18S75021027	NQ
184	SIDDHANT GAUTAM	MALE		CE	CE18S85021010	NQ
185	SHWETA MAURYA	FEMALE	OBC	CE	CE18S85020054	NQ
186	AKASH GARG	MALE	GEN	CHE	CH18S45018038	NQ
187	AMAN GUPTA	MALE	OBC	CHE	CH18S45021379	NQ
188	GUNJAN KHATTRI	FEMALE	GEN	CHE	CH18S45019175	NQ
189	KEDAR NATH MALL	MALE	OBC	CHE	CH18S45020347	NQ
190	MANISH SEHGAL	MALE	SC	CHE	CH18S45021229	NQ
191	ROHIT GOSWAMI	MALE	GEN	CHE	CH18S43022064	NQ
192	SAKSHI SRIVASTAVA	FEMALE	GEN	CHE	CH18S45019385	NQ
193	SAMIKSHA MITTAL	FEMALE	GEN	CHE	CH18S45018059	NQ
194	SHIVANI SINGH	FEMALE	OBC	CHE	CH18S45018102	NQ
195	SHUBHAM SINGH RAWAT	MALE	ST	CHE	CH18S45019361	NQ

196	ANJANI GUPTA	MALE	GEN	CHE	CH18S45018068	NQ
197	NEERAJ PRAJAPATI	MALE	SC	CHE	CH18S45021298	NQ
198	VIKAS NANDAN	MALE	SC	CHE	CH18S45005056	NQ
199	ANUPAMA JAISWAL	FEMALE	OBC	CHE	CH18S45020362	NQ
200	MOHD. ARIF MANSOORI	MALE	OBC	CHE	CH18S45021019	NQ
201	ASHUTOSH SINGH	MALE	OBC	CHE	CH18S45020065	NQ
202	RAJESH SINGH	MALE	OBC	CHE	CH18S45020299	NQ
203	PRADEEP KUMAR	MALE	SC	CHE	CH18S45020368	NQ
204	ATUL KUMAR RAI	MALE	GEN	CHE	CH18S45019121	NQ
205	ABHISHEK GUPTA	MALE	GEN	CSE	CS18S35018107	NQ
206	KM. HEMLATA	FEMALE	OBC	CSE	CS18S35019116	NQ
207	PRIYANKA MATHUR	FEMALE	SC	CSE	CS18S35019318	NQ
208	VINAY KUMAR SINGH	MALE	OBC	CSE	CS18S35021274	NQ
209	MD. SALMAN	MALE	OBC	CSE	CS18S35020038	NQ
210	ANIKET SRIVASTAVA	MALE	GEN	EE	EE18S65021201	NQ
211	CHANCHAL SINGH	FEMALE	SC	EE	EE18S65020023	NQ
212	KARISHAMA KHANAM	FEMALE	OBC	EE	EE18S65021325	NQ
213	RISHI GUPTA	MALE	GEN	EE	EE18S65021187	NQ
214	SARUESH KUMAR PAL	MALE	OBC	EE	EE18S65020052	NQ
215	SHIVANSH MAURYA	MALE	OBC	EE	EE18S65020255	NQ
216	ALOK KUMAR GAUTAM	MALE	SC	ET	EC18S55021004	NQ
217	ANKIT SINGH PANWAR	MALE	GEN	ET	EC18S55020267	NQ
218	APOORVA DIXIT	MALE	GEN	ET	EC18S55021034	NQ
219	DEEPAK KUMAR	MALE	SC	ET	EC18S55020138	NQ
220	GAURAV MISHRA	MALE	GEN	ET	EC18S55020012	NQ
221	HIMANSHU KASHYAP	MALE	ST	ET	EC18S55020131	NQ
222	JYOTI GUPTA	FEMALE	OBC	ET	EC18S55021420	NQ
223	KUNDAN TIWARI	MALE	GEN	ET	EC18S55021027	NQ
224	MAMTA GAUTAM	FEMALE	SC	ET	EC18S55021263	NQ
225	MOHD ANAS ANSARI	MALE	OBC	ET	EC18S55020038	NQ
226	MOHD YASAR KHALID ANSARI	MALE	OBC	ET	EC18S55021294	NQ
227	PAPPU SINGH	MALE	SC	ET	EC18S55021397	NQ
228	RAVI MITTAL	MALE	GEN	ET	EC18S55020225	NQ
229	SHAHAN AHMAD	MALE	OBC	ET	EC18S55021253	NQ
230	SHUBHAM JAISWAL	MALE	OBC	ET	EC18S55020385	NQ
231	VRISHA SHARMA	FEMALE	GEN	ET	EC18S55020109	NQ
232	RAHUL KUMAR	MALE	OBC	ET	EC18S55021132	NQ

233	ASHUTOSH KUSHWAHA	MALE	GEN	FT	CH18S45021127	NQ
234	MOHD GUFARAN	MALE	GEN	FT	XL18S15019164	NQ
235	PRIYANKSHI NARANG	FEMALE	GEN	FT	XL18S15018036	NQ
236	SONU RATHOUR	MALE	OBC	FT	CH18S45021127	NQ
237	VINITA RAWAT	FEMALE	SC	FT	CH18S45020035	NQ
238	DEEPAK KUMAR	MALE	OBC	FT	CH18S45020056	NQ
239	AMIT KUMAR KASHYAP	MALE	OBC	IT	G135U51	NQ
240	TINKU KUMAR	MALE	SC	IT	CS18S35021165	NQ
241	GAURAV KUMAR MAURYA	MALE	OBC	ME	ME18S15018075	NQ
242	UMANG VARSHNEY	MALE	GN	ME	ME18S15020277	NQ
243	KM.AMRITA GUPTA	FEMALE	OBC	ME	ME18S15018087	NQ
244	ATUL KUMAR	MALE	SC	ME	ME18S15020100	NQ
245	NIKHIL SISODIA	MALE	GN	ME	ME18S15021100	NQ
246	NAVEEN KUMAR SHUKLA	MALE	GN	ME	ME18S15018077	NQ
247	ANURAG KUMAR	MALE	ST	ME	ME18S15020282	NQ
248	KM NAMRATA PANDEY	FEMALE	GN	ME	ME18S25018082	NQ
249	DURGESH KUMAR TRIPATHI	MALE	GN	ME	ME18S25019177	NQ
250	ARCHIT KUAMR	MALE	GN	ME	ME18S25018049	NQ
251	VARUN KUMAR	MALE	OBC	ME	ME18S15019232	NQ
252	AMRESH KUMAR RAI	MALE	GN	ME	ME18S15021286	NQ
253	RITU RAJ	FEMALE	SC	OT	CH18S45020167	NQ
254	DICKPAL THARU	MALE	ST	OT	CH18S45020113	NQ
255	ASHISH ANURAGI	MALE	SC	PL	CH18S45019199	NQ
256	ANUPAM VERMA	MALE	OBC	PL	XE18S15020049	NQ
257	HEMANT PAL	MALE	OBC	PL	XE18S15021124	NQ
258	SIDDHARTH CHAUDHARY	MALE	SC	PL	XE18S15021068	NQ
259	VEDAS SINHA	MALE	GEN	PL	G259T23	NQ
260	SACHIN SINGH YADAV	MALE	OBC	PL	G469F14	NQ
261	ALOK MISHRA	MALE	GEN	PL	XE18S15019120	NQ

SUCCESS DETAILS GATE-2017-18



16. Professional/ administrative development program organized for the teaching staff/ non-teaching staff

S.N.	Year	Duration	Title of the professional/ administrative development program organized for the teaching staff/ non-teaching staff	No. of participants
1	2017	March 22-23, 2018	Workshop on “Application of MATLAB”	52
2	2017	22 to24 September 2017	Industry interface meeting of faculty on "Industry interface, Testing, consultancy & patents, Academic Support and Entrepreneurship & Skill development"	65
3	2017	08.Aug.2017	Workshop on “ Outcome Based Accreditation for Undergraduate Engineering Programs”	120
4	2018	15-21 Jan 2018	Workshop on "Academic Process for the Implementation of Outcome Based Education (OBE)"	60
5	2018	28-29 April 2018	Workshop on " Outcome Based Education and NBA-SAR preparations"	90
6	2018	28-29 April 2018	Seminar on “Innovations and Challenges in Materials and Construction”	75
7	2018	28-29 April 2018	Three day Training workshop for Faculty Mentors on "Induction programme for New Students"	70

17. Participation of Faculty in Conferences, Seminars, Workshop and Short Term Courses/ Faculty Development Programs etc. (2017-18)

S.No.	Name of the Faculty	Deptt.	Title of STC/FDP/Workshop	Sponsoring Organization	Place	Duration (weeks/days)	Duration
1	Dr. S. K. Gupta	Chemical Engg.	TEM and HRTEM in Materials Characterization (TEM/HRTEM-2017)	QIP	IIT, Kanpur	One Week	18 th to 22 nd Sep'17
2	Dr. S. K. Gupta	Chemical Engg.	Academic Process for the Implementation of Outcome Based Education (OBE)	TEQIP-III	HBTU, Kanpur	One week	from 19th to 23rd Feb. 2018
3	Dr. S. K. Gupta	Chemical Engg.	Industry Interface Meeting of TCE & HBTU	TEQIP-III	HBTU, Kanpur	Two days	from 2nd to 3rd May'18
4	Dr. S. K. Gupta	Chemical Engg.	Active Learning for Senior Faculty	NPIU, TEQIP	IIT, Kanpur	One week	from 11th to 15th June'18
5	Dr. Ashwini Sood	Chemical Engg.	International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN:3I 2017)	Department of Mechanical and Industrial Engineering and Center of Nanotechnology, IIT Roorkee	IIT Roorkee	3 days	From 06/12/2017 to 08/12/2017
6	C.L.Gehlot	Chemistry	Recent Advances in Chemical Engineering	Department of Chemical Engineering, HBTU, Kanpur	HBTU, Kanpur	5 days	23/07/2018-27/07/2018
7	C.L.Gehlot	Chemistry	Faculty Development Workshop on Management Capacity Enhancement Programme-In compliance with NBA and NAAC Accreditation	Engineering Staff College of India in collaboration with HBTU, Kanpur	HBTU, Kanpur	3 days	29/03/2017 to 31/03/2017
8	C.L.Gehlot	Chemistry	Faculty Development Workshop on Effective	Engineering Staff College of India in	HBTU, Kanpur	3 days	26/03/2017 to 28/03/2017

			Pedagogy for Engineering Faculties	collaboration with HBTU, Kanpur			
9	C.L.Gehlot	Chemistry	National Conference on Advances in Chemistry for Sustainable Development(Organized)	Department of Chemistry in collaboration with Mechanical Engineering , HBTU, Kanpur	HBTU, Kanpur	2 days	22/03/2017 to 23/03/2017
10	Dr. Rekha Bali	Mathematics	Workshop on Outcome Based Education for UG Programme	TEQIP-III	HBTU Kanpur	Two days	22 March-23March 2018
11	Dr. Rekha Bali	Mathematics	Workshop on out Come Based Education and NBA-SAR Preparations	TEQIP-III	HBTU Kanpur	Two days	31 Jan.-1Feb., 2018
12	Dr. Rekha Bali	Mathematics	Academic Process for the Implementation of Outcome Based Education	TEQIP-III	HBTU Kanpur	Five Days	19 Feb.-23 Feb, 2018
13	Dr. S.U. Siddiqui	Mathematics	Induction Programme for New Students	TEQIP-III	HBTU Kanpur	Three Days	22-24 Sept., 2017
14	Prof. Ram Naresh	Mathematics	Induction Programme for New Students	TEQIP-III	HBTU Kanpur	Three Days	22 Sept.-24 Sept., 2017
15	Prof. Ram Autar	Mathematics	Academic Process for the Implementation of Outcome Based Education	TEQIP-III	HBTU Kanpur	Five Days	19 Feb.-23 Feb, 2018
16	S.J.Nagar	Bio Chemical	Outcome based education & NBA SAR filling.	TEQIP	HBTU Kanpur	02 days	31/1/2018-01/2/2108
17	S.J.Nagar	Bio Chemical	Energy Trends in Food andBioprocessIndustries”	TEQIP	H.B.T.U.	05 Days	6-11-2017
18	Brajesh Singh	Bio Chemical	Outcome based education & NBA SAR filling.	TEQIP	HBTU Kanpur	02 days	31/1/2018-01/2/2108
19	Brajesh Singh	Bio Chemical	Outcome based accreditation.	TEQIP	HBTU Kanpur	02 days	21/3/2018-22/3/2108

20	Dr. Lalit Kumar Singh	Bio Chemical	Training Workshop on "Academic process for the implementation of outcome based education (OBE)"	TEQIP-III	HBTU, Kanpur	One week	Feb. 19/02/2018 to 23/02/2018
21	Dr. Lalit Kumar Singh	Bio Chemical	XVII Workshop on "Study of structural & functional Biology through computational approach in bioinformatics"	Bioinformatics Infrastructure Facility Centre of DBT Ministry of Science and Technology Govt. of India,	DG(PG) College Kanpur	One week	Sept. 16/09/2017 to 22/09/2017
22	Prof. Rachna Asthana	Electronics	Academic Process for the Implementation of Outcome Based Education(OBE)	TEQIP III	HBTU and TCE	05 days	Feb 19, 2018 to Feb 23, 2018
23	Prof. Rachna Asthana	Electronics	Outcome Based Accreditation for Undergraduate Engineering Programs	TEQIP III	NPIU, and HBTU	02 days	Mar 22, 2018 to Mar 23, 2018
24	Prof. Rachna Asthana	Electronics	Workshop on Outcome Based Education and NBA SAR Preparation	TEQIP III	HBTU and TCE	02 days	Jan 31, 2018 to Feb 1, 2018
25	Prof. Rachna Asthana	Electronics	Training Workshop for Faculty-Mentors on Induction Programme for New Students	TEQIP III	NPIU, and HBTU	03 days	Sept 22, 2017 to Sept 24, 2017
26	Prof. Rachna Asthana	Electronics	Cyber Physical System	IIT Kanpur	IIT Kanpur	01 week	Mar 20, 2017 to Mar 26,2017
27	Prof. Rachna Asthana	Electronics	UP Startup Conclave Entrepreneurship and Innovation in Academic Institutions: Challenges and Opportunities	Knowledge Incubation for TEQIP	IIT Kanpur	02 days	Mar 18, 2017 to Mar 19, 2017
28	Prof. Rachna Asthana	Electronics	Energy Conservation and Energy Audit in Academic Institutions	TEQIP II	ESCI and HBTU Kanpur	03 days	Mar 7, 2017 to Mar 9, 2017
29	Harshmit Kaur Saluja	Humanities	Introduction to use JAVA, Web & Android Studies	TEQIP-III	HBTU	2 weeks	09-21 July, 2018
30	Harshmit Kaur Saluja	Humanities	Summer Internship and Visiting Researcher Programme	TEQIP-III	IIT, Kanpur	I month	01-30 June 2018

31	Dr. V.P. Singh	Mechanical	Workshop for faculty mentors on Induction Programme for New Students	National Project Implementation Unit (NPIU) Under TEQIP-III	HBTU Kanpur	Three days (September 22-24, 2017)	22/09/18 to 24/09/18
	Dr. P.K.S. Yadav	Oil Technology	Training workshop for Faculty Mentors on Induction Programme for New Students.	TEQIP-III, H.B.T.I., Kanpur	Kanpur	3 days	Sept. 22-24, 2017
33	Dr. Vandana Dixit Kaushik	Computer Science & Engg.	Workshop for Faculty Mentors on "Induction Programme for New Students"	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	03	22-24 th September, 2017
34	Dr. Vandana Dixit Kaushik	Computer Science & Engg.	Workshop: Computational Sciences, Advanced Databases and Computing (CSADC2017)	Springer	Phuket, Thailand	02 days	11-12 th October, 2017
35	Dr. VandanaDixit Kaushik	Computer Science & Engg.	Workshop on Outcome Based Education & NBA-SAR Preparation	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	02	31 st January 1 st January, 2018
36	Dr. Vandana Dixit Kaushik	Computer Science & Engg.	Academic Processes for the Implementation of Outcome Based Education (OBE)	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	05	19-23 rd February, 2018
37	Dr. Vandana Dixit Kaushik	Computer Science & Engg.	Outcome Based Accreditation	TEQIP-III, HBTU, Kanpur	NPIU & HBTU, Kanpur	02	22-23 rd March, 2018
38	Dr. Vandana Dixit Kaushik	Computer Science & Engg.	Industry Interface Meeting	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	02	2-3 rd May, 2018
39	Dr. NarendraKohli	Computer Science & Engg.	Intellectual Property Rights (IPR) and Patenting	TEQIP-II	Kanpur	3 days	27 to 29 th August 2016
40	Dr. NarendraKohli	Computer Science & Engg.	Project Financing & Strategic Financial Management	TEQIP-II	Goa	5 Days	26 to 30 Sep. 2016
41	Dr. NarendraKohli	Computer Science & Engg.	Advances in Computer Architecture	IIT Guwahati	Guwahati	5 Days	30 th May to 3 th June 2016
42	Dr. NarendraKohli	Computer Science & Engg.	Energy Conservation and Energy Audit in Academic Institutions	TEQIP-II	Kanpur	3 Days	7 th to 9 th March 2017
43	Dr. NarendraKohli	Computer Science & Engg.	Teaching Methodology	TEQIP-III	IIT Kanpur	5 days	16 th -20 th , June 2018

44	Dr.PrabhatVerma	Computer Science & Engg.	Summer Training Programme on Active Learning for Senior Faculty	TEQIP-III	IIT Kanpur	5 days	June 11-15, 2018.
45	Dr.PrabhatVerma	Computer Science & Engg.	Workshop on Dynamics and Control of Rotorcraft	TEQIP-III	IIT Kanpur	5 days	February 2-6, 2018
46	Dr.PrabhatVerma	Computer Science & Engg.	workshop on Academic Process for the Implementation of Outcome based Education (OBE)	TEQIP-III	HBTU Kanpur	5 days	February 19-23, 2018
47	Dr. Anita Yadav	Computer Science & Engg.	Induction Programme for New Students	TEQIP-III	HBTU Kanpur	3 days	September 22-24, 2017.
48	Dr. Anita Yadav	Computer Science & Engg.	Outcome Based Education and NBA-SAR Preparations	TEQIP-III	HBTU Kanpur	2 days	January 31-February 1, 2018.
49	Dr. Anita Yadav	Computer Science & Engg.	Workshop on Academic Process for the Implementation of Outcome based Education (OBE)	TEQIP-III	HBTU Kanpur	5 days	February 19-23, 2018.
50	Dr. Anita Yadav	Computer Science & Engg.	Workshop on Outcome Based Accreditation	TEQIP-III	HBTU Kanpur	2 days	March 22-23, 2018.
51	Dr. Anita Yadav	Computer Science & Engg.	Industry-Institute meeting with TCE	TEQIP-III	HBTU Kanpur	2 days	April 22-23, 2018.
52	Dr. Anita Yadav	Computer Science & Engg.	training program on Active Learning for Senior Faculty	TEQIP-III	IIT Kanpur	5 days	June 11-15, 2018.
53	Prof. Raghuraj Singh	Computer Science & Engg.	Workshop on "Startup Incubation and Entrepreneurship",	TEQIP-III	AKTU, Lucknow	2 days	December 26-27, 2017.
54	Prof. Raghuraj Singh	Computer Science & Engg.	Workshop on Outcome Based Accreditation	TEQIP-III	HBTU Kanpur	2 days	March 22-23, 2018.

55	Prof. Raghuraj Singh	Computer Science & Engg.	Workshop on Academic Process for the Implementation of Outcome based Education (OBE)	TEQIP-III	HBTU Kanpur	5 days	February 19-23, 2018.
56	Deepesh Singh	Civil	Outcome Based Education and NBA-SAR Preparations	HBTU, Kanpur & Thiagrajar College of Engineering, Madurai	Kanpur	2 days workshop	Jan 31 st –Feb 1 st 2018,
57	Deepesh Singh	Civil	Academic Process for the Implementation of Outcome Based Education and (OBE)	HBTU, Kanpur & Thiagrajar College of Engineering, Madurai	Kanpur	5 days workshop	Feb 19-23, 2018
58	Deepesh Singh	Civil	Outcome Based Accreditation- for Undergraduate Engineering Programs	TEQIP III at HBTU	Kanpur	2 days workshop	22-23 March, 2018
59	Deepesh Singh	Civil	Summer Training Program on Active Learning for Senior Faculty	Knowledge Incubation for TEQIP at IIT Kanpur	Kanpur	5 days workshop	11 th June to 15 th June 2018
60	Dipteek Parmar	Civil	Summer Training Program on Active Learning for Senior Faculty	Knowledge Incubation for TEQIP at IIT Kanpur	Kanpur	5 days workshop	11 th June to 15 th June 2018
61	Dipteek Parmar	Civil	Moment Analysis for Contaminant Fate and transport	IIT Kanpur (GIAN Course)	Kanpur	One Week	March 20-24 th 2018
62	Pradeep Kumar	Civil	Summer Training Program on Active Learning for Senior Faculty	Knowledge Incubation for TEQIP at IIT Kanpur	Kanpur	5 days workshop	11 th June to 15 th June 2018
63	Pradeep Kumar	Civil	Outcome Based Accreditation- for Undergraduate Engineering Programs	TEQIP III at HBTU	Kanpur	2 days workshop	22-23 March, 2018
64	Prithvipati	Civil	Summer Training Program on Active Learning for Senior Faculty	Knowledge Incubation for TEQIP at IIT Kanpur	Kanpur	5 days workshop	11 th June to 15 th June 2018
65	Sumant Chatterjee	Leather Technology	Occupational Safety & Hazard Management	TEQIP-II HBTU	Kanpur	1 Week	
66	Sumant Chatterjee	Leather Technology	Problems of the Leather Industry and their solutions	DI	Kanpur	2 Days	

67	Ram Singh	Leather Technology	Emerging Trends in Food and Bioprocess Industries	TEQIP-II HBTU	Kanpur	1 Week	
68	Manish Kumar Saini	Leather Technology	Emerging Trends in Food and Bioprocess Industries	TEQIP-II HBTU	Kanpur	1 Week	
69	Ram Singh	Leather Technology	Academic Process for Implementation of Outcome Based Education(OBE)	TEQIP-III HBTU	Kanpur	1 Week	Feb. 19-23, 2018
70	Manish Kumar Saini	Leather Technology	Academic Process for Implementation of Outcome Based Education(OBE)	TEQIP-III HBTU	Kanpur	1 Week	Feb. 19-23, 2018
71.	Prof. Alak Kumar Singh	Food Tech.	Food and Hygiene for health	AFSTI	HBTU, Kanpur	1 day	16 Oct, 2017
72.	Prof. Alak Kumar Singh	Food Tech.	Induction programme for new students	TEQIP-III	HBTU, Kanpur	3 Days	22-24 Sep, 2017
73.	Prof. Alak Kumar Singh	Food Tech.	Workshop on outcome based education and NBA-SAR preparations	TEQIP-III	HBTU, Kanpur	2 Days	Jan1-1Feb, 2018
74.	Prof. Karunakar Singh	Food Tech.	National Conference on current scenario and future trends in biotechnology- BIOFUTURITY-2018	Bundelkhand University	Jhansi	2 days	27-28 March, 2018
75.	Dr. Vivek Kumar	Food Tech.	Workshop on outcome based education for UG Programme	TEQIP-III	HBTU, Kanpur	2 Days	22-23 March, 2018
76.	Dr. Vivek Kumar	Food Tech.	Workshop on outcome based education and NBA-SAR preparations	TEQIP-III	HBTU, Kanpur	2 Days	Jan1-1Feb, 2018
77.	Dr. Vivek Kumar	Food Tech.	Academic Process for implementation of outcome based education	TEQIP-III	HBTU, Kanpur	5Days	19 -23 Feb, 2018
78.	Dr. Vivek Kumar	Food Tech.	International Conference on Innovative technologies towards energy, environment, food & sustainable agriculture	RBS FET	Agra	3 days	26-28 Feb, 2018

18. Student's internship data

Sr. No	Name	Organisation/ Institute
1.	Shubham Kumar	BHEL Jhansi
2.	Robin Singh	BHEL Bhopal
3.	Pankaj Jaiswal	BHEL Bhopal
4.	Tushal Jain	BHEL Bhopal
5.	Tushar Kumar Yadav	BHEL Bhopal
6.	Nikhil Anand	DLW, Varanasi
7.	Ankur Rathi	DLW, Varanasi
8.	Ayush Dwivedi	GAIL, Pata
9.	Uttam Sharma	IIT, BHU
10.	Varnita Solanki	Tata Motors, Lucknow
11.	Yashwant Singh	Mahan Aluminium, Hindalco
12.	Krishna Kant	Scooter India Ltd., Lucknow
13.	Shalu Tomar	Scooter India Ltd., Lucknow
14.	Abhishek	THDC Limited
15.	Aditya Nath Tripathi	NTPC TANDA
16.	Ajay Kumar	U.P.S.R.T.C Kanpur
17.	Ajay Pandey	Diesel locomotive works, Varanasi
18.	Ajay Singh	Ordnance Equipment Factory Kanpur
	Akash Kumar	Ordnance equipment factory kanpur
19.	Akash Singh	UPSRTC central workshop kanpur
20.	Akash Tyagi	ESCORTS Limited
21.	Akshay Khanna	Diesel Locomotive Works, Varanasi
22.	Amar Pratap	Tata Motors, Lucknow
23.	Amit Pandey	Diesel locomotive workshops Varanasi (DLW)
24.	Ajay Kumar	U.P.S.R.T.C Kanpur
25.	Ajay Pandey	Diesel locomotive works, Varanasi
26.	Ajay Singh	Ordnance Equipment Factory Kanpur
27.	Akash Kumar	Ordnance equipment factory kanpur
28.	Akash Singh	UPSRTC central workshop kanpur
29.	Akash Tyagi	ESCORTS Limited
30.	Akshay Khanna	Diesel Locomotive Works, Varanasi
31.	Amit Verma	Upsrtc Central Workshop Rawatpur Kanpur
32.	Amogh Tiwari	Ordnance Factory Kanpur
33.	Ayush Khare	Hindustan petroleum corporation ltd.
34.	Deekshamalviya	U.P. Power Transmission Corporation Ltd. Kanpur
35.	Deepak Nath Pandey	Mechanical Workshop N.E Railway , Gorakhpur
36.	Devabrat Yadav	Ordnance Equipment Factory kanpur
37.	Devarshi Dwivedi	North Central Railway, Kanpur Nagar
38.	Dinesh Kumar Pandey	Diesel locomotive workshops Varanasi (DLW)
39.	Gaurav Kumar	Field Gun Factory
40.	Hariom Singh	Indian Ordnance Factory, Kanpur
41.	Ajay Kumar	U.P.S.R.T.C Kanpur
42.	Ajay Pandey	Diesel locomotive works, Varanasi
43.	Ajay Singh	Ordnance Equipment Factory Kanpur
44.	Abhishek Patel	Kanpur fertilizer & Cements ltd.
45.	Adarsh Kumar Dixit	KFCL
46.	Aditya Divedi	KFCI
47.	AJAY KUMAR	IFFCO
48.	Ajeet Singh	Iffco Phulpur

49.	Akash Sharma	National Fertilizers Limited, Nangal
50.	AKASH SHUKLA	IFFCO PHULPUR
51.	Alok Sharma	R.C.F. Ltd
52.	Aman Sharma	Iffco
53.	Anjali Singh	Rashtriya chemical fertilizer, Mumbai
54.	Anmol Agnihotri	National Fertilizers limited ,Nangal
55.	Asmeet Chhabra	Kanpur Fertilizer and Cement Ltd.
56.	Atul Raj Katiyar	GAIL(India) Limited
57.	Bhawani Shankar Tiwari	National fertilizer limited Nangal unit punjab
58.	Dileep Kumar	Kanpur Fertilizers & cement limited
59.	Garima Singh	KFCL
60.	Gaurav Chahar	KRIBHCO FERTILIZER LIMITED , Shahjahanpur
61.	Harsh Nayak	RIL, Bahruch
62.	Himanshu Mishra	KFCL Kanpur
63.	Karan kr. Bharti	Gail India Ltd
64.	Kartik Chaudhary	ONGC HaziraPlant,Surat
65.	KARTIKEY GUPTA	National Fertilizers limited
66.	KshitizKedia	National Fertilizers Limited (Nangal Unit)
67.	Mayank Mishra	Engineers India Limited
68.	Mayank Nagar	NFL, NANGAL UNIT
69.	Mayank Pal	Jubilant Life SciencesLtd
70.	Namisha Khurana	PepsiCo India holdings Pvt. LTD.
71.	NAVEEN DIKSHIT	HPCL VIZAG
72.	Pradeep Singh	Teva ,gajraula
73.	Pranchal Omar	RCF, Mumbai
74.	Prince Kumar Barnwal	IFFCO Phulpur
75.	Priya Shukla	GAIL(India) limited
76.	Rahul Mishra	NATIONAL FERTILIZER LIMITED, NANGAL UNIT
77.	Rahul Nishad	National Fertilizer Fertility
78.	RAVI SHANKAR	Gail India Limited, PATA, Auraiya, U.P.
79.	RISHABH DIXIT	GAIL(INDIA) LIMITED ,Pata,District-Auriya,U.P.
80.	Rohit Kumar	HPCL Visakhapatnam
81.	Sanjay Kant	Iffcophulpur unit
82.	Satyam Gautam	Rashtriya Chemicals and Fertilizer limited, Trombay
83.	Satyam Singh	Jubilant life sciences
84.	SaurabhTripathi	National fertilizer limited Nangal unit
85.	Shanti Swaroop	Kribhco Fertilizer Limited shahjahanpur
86.	Shiv Narayan Pandey	TEVA API PVT LTD , GAJRAULA
87.	Shivam Rathi	EIL
88.	Shraddha Singh	KFCL, Kanpur
89.	Shubham Pathak	KFCL , Kanpur
90.	Shubhi Arora	Engineers India Limited
91.	Sonali Singh	Engineers India Limited
92.	Talib Saifi	NFL , Punjab
93.	Utkarsh Ranjan	National fertilizers limited,nangal unit
94.	Utkarsh Tripathi	NFL, nangal unit
95.	Utkarsh Vajpai	KFCL, Kanpur
96.	Varun Pratap Singh Sisodia	National fertilizer limited, Nangal, punjab
97.	Vedant Agarwal	Jubilant Lifesciences
98.	Vineet Gautam	KribhcoShyam fertilizer limited Shahjahanpur
99.	Pranjal Tyagi	Sherwin Williams

100.	Nitish Arora	Hempel Paints
101.	Pratik Singhania	Asian Paints
102.	Rupanshu Rastogi	Sherwin Williams
103.	Neeraj Singh	Ppg asian paints
104.	Jainendra Kumar Kaithwas	Berger Paints India Ltd.
105.	Jinendra Gupta	Hempel Paints
106.	Pankaj Kumar Dwivedi	Sherwin Williams
107.	Shadan khan	Asian Paints
108.	Anuj Verma	Berger Becker
109.	Harshit Bansal	Kansai Nerolac Paints, Bawal
110.	Tushar Singh	Tata Motars pvt Ltd
111.	Rishabh Dwivedi	Mankiewicz
112.	Chandra Prakash Maurya	Ppg Asian Paints
113.	Nitin Kumar Singh	Kansai Nerolac Paints Ltd, hosur
114.	Jahid Ali	Kansai Nerolac Paints Ltd, hosur
115.	Pooja Sahu	Berger Becker
116.	Aditi Verma	Ppg asian paints
117.	Vinod Kumar Maurya	Kansai nerolac paints ltd, Bawal
118.	Ankush Chaudhary	Ppg asian paints
119.	Aditya Singh	Berger paints india ltd,kolkata
120.	Shashwat Pandey	Berger paints india ltd,kolkata
121.	Siddharth Jain	Kansai Nerolac Paints Ltd, hosur
122.	Anand Kumar	Berger Becker
123.	Dimpal Kumar Baishya	Berger Paints India Ltd.
124.	Prabhav kumar Baranwal	Axalta Coatings
125.	Bhanu Tomar	Axalta Coatings
126.	Surendra Rathore	Tata Motars pvt Ltd
127.	Sunny Tripathi	Tata Motars pvt Ltd
128.	Pragati Sahu	Sherwin Williams
129.	Abhijeet Dhama	HCL
130.	Abhay Kumar	VARArgs Training and Development Centre
131.	Akhil Chaturvedi	Skillovate pvt. ltd.
132.	Akshat Pathak	IIT Kanpur
133.	Amarendra Kumar	Suliteos
134.	Amber Pundeer	Vallabh Solutions
135.	Aniket Singh	H3 Info Tech Pvt. Ltd.
136.	Ankit Kumar Singh	IIT Kanpur
137.	Ashish kumar	Varargs
138.	Ayush Jain	Tata Consultancy Services
139.	Ayush Mishra	Research Design and Standards Organisation (RDSO),Lucknow
140.	Ayushi Damele	Orane Consulting Pvt. Ltd.
141.	Chandraveer singh	Varargs Training Centre
142.	Deepanshu tyagi	Shri ram pistons and rings ltd ghaziabad
143.	devansh pathak	H3 Infotech
144.	Gaurav Jha	Tata Consultancy Services
145.	Gyaneshwar Mongha	Web Meditech Pvt. Ltd.
146.	jyoti	Bharat Sanchar Nigam Limited
147.	Kartik Bindal	ALTTC, GHAZIABAD
148.	Kshitiz Singh	Varargs
149.	Kunal Dwivedi	Tcs
150.	Mehal Singhal	Grocnow

151.	Mohit Gupta	INTERNSHALA
152.	Mudit pathak	RDSO, LUCKNOW
153.	Nihal Verma	Naresh It
154.	Pawan Sharma	CODEACE TECHNOLOGIES PVT LTD
155.	Prince Mishra	GrocNow(Backend web development in php)
156.	Pulkit Saxena	Tata Consultancy Services (TCS)
157.	Rachit Mehrotra	TCS, Opencube Labs
158.	Rahul Ray	H3 infotech pvt. ltd.
159.	Rishabh Gupta	Tcs remote internship Testing
160.	Rishav Gautam	Hasura
161.	Roopa	Aptech
162.	sachin bhat	DUCAT NOIDA
163.	Sajal Jain	Grocnow
164.	Saksham Sharma	Sunrise technology
165.	Saurabh Tyagi	H3 InfoTech Private Limited
166.	Shivam Kanodia	Tata Consultancy Services
167.	Siddhant Soam	Training in android development from PECT institute
168.	Simmy Gupta	Varargs Training Centre
169.	Somya Gupta	Indian Institute of Information Technology Allahabad
170.	Sudhanshu Singh	Marc Solution
171.	Sumedha Poddar	Endeavour Software Technologies
172.	Surbhi Srivastava	Gas Authority of India Limited
173.	Uddesh Bajpai	TCS Remote Intern
174.	Udit Tiwari	Research Design and Standards Organisation (RDSO),Lucknow
175.	utkarsh upadhyay	HCL Infosystem
176.	Vaibhav Mudgal	Angirasoft Private India Limited, Kanpur
177.	Vishal Mishra	Yatra Online Pvt Lmt.
178.	Yash Awasthi	Zipped Solutions
179.	Yasha chahar	Orane Consulting Pvt. Ltd.
180.	Yukti Pandey	Tata Consultancy Services
181.	Urvashi Nigam	GAIL PATA PLANT
182.	Ankit Mishra	Varargs Training Centre
183.	Ankit neekhra	Duit technology
184.	Dhirendra Singh patel	DTITS
185.	keshav pathak	Marc Solution
186.	Ravi Kumar	Varargs Training Centre
187.	Satya Prakash	CS tech
188.	Shiv Kumar	HBTU
189.	Shubham	HBTU
190.	Shubham Tripathi	INTERNSHALA
191.	Vaishali	Power Grid Corporation of India Limited
192.	Divya Chaturvedi	PhoenixZone technologies
193.	Vedas Sinha	Reliance Industries Ltd.
194.	Pranjal Pathak	IVL Dhunseri Petrochem Industries Ltd.
195.	Abhishek Srivastava	Reliance Industries Ltd.
196.	Aditya Kr. Singh	IVL Dhunseri Petrochem Industries Ltd.
197.	Ansh Bhardwaj	The Supreme Industries Ltd.
198.	Anupam Dhangar	GAIL India Ltd.
199.	Anurag Jaiswal	Lohia Corp.
200.	Arpit Jain	Aditya Birla Chemical
201.	Ashish Anuragi	Marvel Vinyls Ltd.
202.	Ashish Kumar	COSMO Films Ltd.

203.	Himanshu Agnihotri	IVL Dhunseri Petrochem Industries Ltd.
204.	Manvendra	COSMO Films Ltd.
205.	Manyank Jaiswal	Lion Polymers LLP
206.	Neha Singh	DMSRDE
207.	Nikhil Sadhwani	Exxon Mobile Co. India Ltd.
208.	Priyanshu Srivastava	The Supreme Industries Ltd.
209.	Rishabh Singh	Vinyls Ltd.
210.	Rishabh Singh	The Supreme Industries Ltd.
211.	Roshni Agnihotri	Shriram Axiall Pvt. Ltd.
212.	Sachin Singh Yadav	Lohia Corp
213.	Sarthak Singh	Lohia Corp
214.	Saurabh Verma	Shri Ram Axiall Pvt. Ltd.
215.	Shalu Saini	Aditya Birla Chem. Ltd.
216.	Shivam Varshney	IVL Dhunseri Petrochem.Industries ltd
217.	Shidhharth Chaudhary	Marvel Vinyl ltd.
218.	Alok Mishra	Marvel Vinyl Ltd.
219.	Anupam Verma	Marvel Vinyl Ltd.
220.	Hemant Pal	SMIIEEL
221.	Akash kr. Sharma	Sparsh Ind. Pvt. Ltd.
222.	OMVEER Singh	Cosmo Films Ltd.
223.	Amarjeet Gupta	STP, Jajmau
224.	Hridesh Kumar	STP, Jajmau
225.	Aarushi Ruhela	IOCL Faridabad
226.	Aakash Tomar	UP Jal Nigam Kanpur
227.	Ankesh Kumar	UP Jal Nigam Kanpur
228.	Aashish Kumar	UP Jal Nigam Kanpur
229.	Bhanu Pratap Singh	UP Jal Nigam Kanpur
230.	Gaurav Bhagel	STP, Jajmau
231.	Latesh Kumari Yadav	Continental Carbon India LTD
232.	Mridu Mishra	Carlsberg Hyderabad
233.	Puneet Kumar Singh	STP,Jajmau
234.	Rahul Pandey	UP Jal Nigam Kanpur
235.	Ram Babu Sonkar	BIBCOL Bulandshehar
236.	Vivek Kumar Yadav	UP Jal Nigam Kanpur
237.	Sachin Kumar	IGIB New Delhi
238.	Sayed Mohd Faizan	UP Jal Nigam Kanpur
239.	Sonam Singh	IOCL Faridabad
240.	Vikash Kumar	STP, Jajmau
241.	Sachin Kannaujia	STP, Jajmau
242.	Shubham Pal	STP, Jajmau
243.	Amit Kumar	Jal Sansthan Dehradun
244.	Avinash Kumar Shukla	Jal Sansthan Dehradun
245.	Chandra Prakash Tiwari	MNNIT Allahabad & IIT BHU

18.Campus placement data

Sl. No.	Name Of Company	CS	IT	EE	ET	ME	CE	CHE	PL	OT	PT	LT	BE	FT	MCA	M.TECH	Package	Total	II offer
1	MARUTI SUZUKI INDIA LTD.					4					7						6.4	11	
2	ITC LTD.													3			5.4	3	
3	SUZUKI MOTORS GUJRAT			-		3					2						5.75	5	
4	MANKREWICS										1						5	1	
5	SRF							1									5	1	
6	HERO MOTO CORP					3					1						7.1	4	
7	SMARTPRIX	-	-	-											-		10	None	
8	JUBILANT LIFE SCIENCES					2		3									5	5	
9	YATRA	4	1														9.2	5	
10	GLOBAL LOGIC	7	3														4.52	10	
11	ADOBE INDIA	-	-	-	-												10	None	
12	SAMSUNG RESEARCH INSTITUTE BANGALORE	-	-		-												9	Pending	
13	SHERWIN WILLIAMS										3						5.9	3	
14	GEMINI EDIBLES & FATS LTD.									2							4.5	2	
15	PRISM CEMENT LTD.						3										4.83	3	
16	NEC TECHNOLOGIES	2	3		1										1		4.5	7	
17	EXXON MOBIL			-	1	-		1	2								9.2	4	
18	INDIGO PAINTS PVT LTD.								1		1						5.47	2	
19	MYCEM CEMENT						2										5	2	

20	HINDALCO INDUSTRIES			5		5		8									6	18	
21	ZS ASSOCIATES (BTA & DAA)	1	1						1								6.53	3	
22	TATA MOTORS LIMITED					4			3		3						6	10	
23	TATA CONSULTANCY SERVICES	11	5	1	-	-	-	1	-	-	-	-	-	-	4	2	3.36	24	
24	RELIANCE INDUSTRIES LIMITED (SALES)			1		1		-	1								5.5+2	3	
25	RELIANCE INDUSTRIES LIMITED (TECH)							1									5.5+2	1	
26	ARCHER DANIELS MIDLAND			-		-		-		2							5.25	2	
27	STRATBEANS CONSULTING (SALES & BD)	-	-	-	1	-	-	-	-	-	-	1	-	1			5.1	3	
28	STRATBEANS CONSULTING (TECH)	1	-														5.1	1	
29	ASAHI GLASS CO.															-	3.75	None	
30	INDIAMART INTERMESH LTD.	4	-														5	4	1
31	DCM SHRI RAM LTD							3	2								5	5	
32	THERMAX LTD							2									5.75	2	
33	BORL							5									5.4+2.1	5	
34	INDO PHIL											1					3	1	1
35	TATA LEATHERS											2					3.2	2	
36	BERGER PAINTS INDIA LTD (NOIDA)							1	-		1						5.5	2	
37	HCL TECHNOLOGIES LTD	1	1														4.75	2	1

38	ADANI WILMAR LTD								-	4			2	2			3.24+0.5	8	
39	CHAMBAL FERTILISERS						2										5.5	2	
40	HSBC SOFTWARE DEVELOPMENT PVT LTD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12 / 7	0	
41	LOUIS DREYFUS COMPANY									1							5.5	1	
42	EMAMI AGROTECH									3							4	3	
43	YARA FERTILIZERS INDIA PVT LTD(TATA CHEMICALS)						1										4.75	1	
44	CREMICA FOOD INDUSTRIES LTD													3			3.5	3	
45	JOHN DEERE										1						6.1	1	
46	EDYNAMICS	3	2												2		3-4.5	7	
47	NAGARRO SOFTWARE PVT. LTD	3			1												3.5	4	
48	SAMSUNG R&D INSTITUTE INDIA, NOIDA	1	1		1												8.88	3	2
49	B.L. AGRO OILS LTD.									3							3.5	3	
50	MOBIKWIK	3	-														7.5	3	2
51	WINDMOLLER & HOLSCHER GROUP			1	-	1											3.5	2	
52	GUJARAT FLUORO CHEMICALS LIMITED							-	3								4.5	3	
53	MOTHER DAIRY FRUIT & VEGETABLE PVT LTD													1			5	1	

54	MUEZ HEST INDIA PRIVATE LTD									4							3	4	
55	POLESTAR SOLUTIONS AND SERVICES INDIA PVT. LTD.	4										1					5.25	5	2
56	BHARAT ELECTRONICS LIMITED			-	6	2	-										10	8	
57	BHARAT PETROLEUM CORPORATION LIMITED							4									17.5	4	3
58	TIMEX GROUP PRECISION ENGINEERING LTD.								1								4.5	1	
59	AIRTEL PAYMENT BANK, GURGAON	1	-														7	1	1
60	BHANSALI ENGINEERING POLYMERS LTD.								3								4.3	3	
61	CHARBHUJA INDUSTRIES PVT LTD.												2				3	2	1
62	BERGER PAINTS INDIA LTD (ASSAM)																	0	
63	MOBIKWIK (TESTING)	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	5.5	5	1
64	FARE LABS PVT LTD.	1	-	-	1	1	-	-	2	-	-	1	-	-	1	8	3	15	
65	ASIAN PAINTS LTD.										1						7.75	1	
66	SAPIENT GLOBAL MARKETS	-	-	-	1	-	-	-	-	-	-	-	-	-			5	1	
		CS	IT	EE	ET	ME	CE	CHE	PL	OT	PT	LT	BE	FT	MCA	M.TECH	AVERAGE	TOTAL	
	Total Placed	50	18	8	14	26	5	33	19	19	21	5	3	12	8	10	5.8	251	
	Eligible	53	24	22	26	56	20	37	22	21	25	10	16	15	27	-		374	

19. Sponsored R&D projects in hand

Sponsored Research Project 2017-18

Sl. No.	Project Investigator(s)	Name of Dept.	Title of Project	Sponsoring Agency	Duration (Specify date & Year)	Amount Rs. (in Lakhs)	Man Power employed (if any)
1.	Dr S.K.S Yadav	Mech. Engg.	Development Experimental Study & Multi-objective Optimization of Electric Discharge Drilling Process (EDD)	DST, SERB, New Delhi (Young Scientist Award)	3 Years	27.786	Pravendra Kumar (JRF)
2.	Dr, Anand Kumar & Dr. V.P. Singh	Mech. Engg.	Design & Development of Utility Products using recycled waste Rubber	CSTUP	3 Years March, 2018	11.94	Yes
3.	Mr. Brajesh Singh	Biochemical Engg.	Inspection of Gross Polluting Industries (GPIs) in Ganga Main Stem.	Central Pollution Control Board Delhi.	January 2018 onwards.	15.75	No
4.	Dr S.K.S Yadav	Mech. Engg.	Development Experimental Study of Drilling Electrochemical Spark Machining (ECSM) setup	UPCST, Lucknow	January 2015	7.80	No

20. Candidate completed/doing Ph.D (2017-18)

Sl.No.	Particulars	Numbers
1	Admitted	21 (R:8,PT:13)
2	Degree awarded	11

Detail of students who have submitted / defended their thesis in the year 2017-18

Sl. No.	Name of the Student	Name of The Supervisor	Name of the Dept.	Thesis Title	Name of the University	Submitted/ Defended/ In Progress
1.	Monika Verma	Dr. Vandana Dixit Kaushik	Comp. Sci.	Efficient De-blurring and De-fogging algorithms for static/moving 2D Images	Dr. APJ Abdul Kalam Technical University	Completed: 12/12/2017
2.	VikashYadav	Dr. Vandana Dixit Kaushik	Comp. Sci.	Content based retrieval of skin disease (Melanoma) from medical image database	Dr. APJ Abdul Kalam Technical University	Completed: 12/12/2017
3.	Sushil Kumar	Prof. Bipin Kumar Tripathi	Comp. Sci.	On the quaternionic domain neuron models with fast learning algorithm	Dr. APJ Abdul Kalam Technical University	Completed: 12/12/2017
4.	Prashant Kumar Mishra	Prof. Raghuraj Singh	Comp. Sci.	Issues of Reliability in Mobile Agent based Systems	Dr. A.P.J. Abdul Kalam Technical University, Lucknow	Completed June 2018
5.	Mohit Katiyar	Dr. Anand Kumar	Mech. Engg. Dept.	A Study of Microwave Absorbers.	Dr. A.P.J. Abdul Kalam Technical University, Lucknow	Submitted

6.	Anoop Kumar Shukla	Dr. Onkar Singh	Mech. Engg. Dept.	Thermodynamic analysis of gas/steam combined cycle with different means of inlet air cooling	Dr.A.P.J.Abdul Kalam Technical University, Lucknow	Awarded
7.	Mukesh Kumar Yadav	Dr. Onkar Singh & Dr. Navin Kumar	Mech. Engg. Dept.	Investigations on C.I. engine performance, emission and its limitation using biodiesels from Jatropha, Mahua and Neem oils in Indian conditions	Uttarakhand Technical University, Dehradun	Awarded
8.	Surendra Kumar Sriwas	Prof. Rachna Asthana	Electronics Engg.	Design and Analysis of Optical Interleave Division Multiple Access Scheme	Dr. A.P.J. Abdul Kalam Technical University, Lucknow	Defended
9.	Nivedita Gupta	Prof. Rekha Bali	Mathsmatics Department	Study of Non- Newtonian fluids and transport of nanoparticles in normal and stenotic blood vessels	Dr. A.P.J. Abdul Kalam Technical University, Lucknow	Submitted Maths
10.	Neha Gupta	Dr. Yaduvir Singh	Electrical Engineering	"An Efficient Maximum Power Point Tracking Algorithm and Control for Variable Speed Wind Energy Conversion System"	Harcourt Butler Technical University, Kanpur	07/05/2018
11	Soumya Rathore	Prof. Karunakar Singh	Food Tech.	Studies on production, characterization and utilization of Pearl Millet flour	AKTU, Lucknow	Submitted

21. R&D achievements

(a) Research and Allied Projects procured by faculty

Sl. No.	Project Investigator(s)	Name of Dept.	Title of Project	Sponsoring Agency	Duration (Specify date & Year)	Amount Rs. (in Lakhs)	Man Power employed (if any)
1.	Dr S.K.S Yadav	Mech. Engg.	Development Experimental Study & Multi-objective Optimization of Electric Discharge Drilling Process (EDD)	DST, SERB, New Delhi (Young Scientist Award)	3 Years	27.786	Pravendra Kumar (JRF)
2.	Dr, Anand Kumar & Dr. V.P. Singh	Mech. Engg.	Design & Development of Utility Products using recycled waste Rubber	CSTUP	3 Years March, 2018	11.94	Yes
3.	Mr. Brajesh Singh	Biochemical Engg.	Inspection of Gross Polluting Industries (GPIs) in Ganga Main Stem.	Central Pollution Control Board Delhi.	January 2018 onwards.	15.75	No
4.	Dr S.K.S Yadav	Mech. Engg.	Development Experimental Study of Drilling Electrochemical Spark Machining (ECSM) setup	UPCST, Lucknow	January 2015	7.80	No

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

Sl. N	Authors	Name of The Dept.	Title of the book	Name of the Publisher	Year	ISBN No.
1	Bhavikatti, S S , Onkar Singh, U.K. Singh Manish Dwivedi	Mech. Engg.	Elements of Mechanical Engineering	New Age International Publishers, New Delhi	2017	978 –93– 86070-17-3
2.	Trivedi, R.K	Oil Tech.	Rationale of Corporate Social Responsibility (CSR) under Indian Companies Act 2013	Wisdom Publication	2017	978-93-85504- 37-2
3.	Manoj Kumar Shukla, Archana Mishra, Kavita Srivastava, A K Rathore and Deepak Srivastava	Plastic Tech.	DGEBA Epoxy/CaCO ₃ Nanocomposites for improved Chemical Resistance and Mechanical Properties for Coating Applications	John Wiley & Sons, USA (Publisher	2017	978111936363 7
4.	Reena Singhal	Plastic Tech.	Efficient and economical application of a spent waste adsorbent Cu ²⁺ ion loaded Poly(AAc-AM-SH) superabsorbent hydrogels by reusing it for the adsorption of phosphate ion	Springer nature Singapore, Pvt. Ltd	2017	978-981-10- 5794-6
5	Lalit Kumar Singh	Biochemical Engg.	Techniques of Organic Farming	International Foundation of Humanistic Education	2017	978-93-5300- 174-2
6	Lalit Kumar Singh, Gaurav Chaudhary (Eds)	Biochemical Engg.	Advances in Biofeedstocks and Biofuels Volume 2: Production Technologies for Biofuels	John Wiley & Sons, Inc. USA	2017	978-1-119- 11725-0
7.	Vivek Kumar, H.K. Sharma and Anjali Srivastava	Food Tech.	Composition, Properties and Processing of Mushroom.	CRC Press, Taylor & Francis Group. USA	2017	9781771886 512

(c) List of publications published in International Journals 2017-18

S.No.	Authors	Deptt.	Title of Paper	Name of Journal	Vol. /No.	Month/ Year
1	Aparna Bhawnani & Dr. S. K. Gupta	Chemical Engg.	Removal of Cr(VI) from Waste Water using Root of Neem Tree	International Journal of Chemical & Petrochemical Technology (IJCPT)	Vol -7, Issue-2;	APR2017
2	Kalyani Agarwal & Dr. S. K. Gupta	Chemical Engg.	An Improved Microwave Extraction method for Distillation of Essential Oil from Piper Betle L	International Journal for Reserarch in Applied Science & Engineering Technology (IJRASET)	Vol-6, Issue-1.	Jan. 2018
3	Ghazi Mohd. Sawood & Dr. S. K. Gupta	Chemical Engg.	Arsenic Remediation of the Waste Water using Adsorbents: A Review	International Journal of Engineering Technology Science and Research (IJETSR)	Vol-5, Issue-1,	Jan. 2018
4	Divya Gupta, Kalpana Katiyar & Dr. S. K. Gupta	Chemical Engg.	Comparative Study of Aroma Chemicals from Mentha piperita via: Microwave assisted Hydro Distillation, Solvent free Microwave Extraction and Hydro Distillation Processes	International Journal of Applied Engineering Research and Development (IJAERD)	Vol-8, Issue-1	Feb. 2018
5	Akriti Rastogi & Dr. S.K. Gupta	Chemical Engg.	Defluoridation study of Ground Water using Adsorbent prepared from Mango Bark	International Journal of Chemical & Petrochemical Technology (IJCPT)	Vol-8, Issure-1,	Feb. 2018
6	Swati Yadav, Kalpana & Dr. S. K. Gupta	Chemical Engg.	Effect of different Parameter on Yield of Frankincense Oil using Steam Distillation and GC-MS Analysis	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol-5, Issue 6.	June 2018

7	Rajesh Katiyar, Shobhit Shukla	Chemical Engg.	Studies on Furan Polymer Concrete	Int. Research J. in Engg. & Tech.	04(05)	May-2017
8	Rajesh Katiyar, Rajesh Kumar	Chemical Engg.	Studies on engineering properties of binders loaded with nano-fillers for better designed composites	Int. J. of Research in Engg. &Tech.	06(05)	May-2017
9	Rajesh Katiyar	Chemical Engg.	Modeling and simulation of <i>Mentha arvensis</i> L. essential oil extraction by water-steam distillation process	Int. Research J. in Engg. & Tech.	04(06)	June-2017
10	Rajesh Katiyar	Chemical Engg.	Conical fluidized beds- Case study for gas solid system involving coarse particles	Int. Research J. in Engg. & Tech.	04(10)	Oct-2017
11	Rajesh Katiyar	Chemical Engg.	Conical fluidized beds- Case study for gas solid system involving wheat flour and additive	Int. Research J. in Engg. & Tech.	04(11)	Nov-2017
12	As co-author	Chemical Engg.	Novel process for isolation of major bio-polymers from mentha arvensis distilled biomass and saccharification of the isolated cellulose to glucose	Industrial crops & products		Accepted 29th Mar2018
13	Sandeep Tripathi, Shahida Anjum, A. Sood	Chemical Engg.	A Review Paper on Emulsion Polymerization of Vinyl Acetate	Journal of Chemical Engineering and its Applications	2/2	April2017
14	A. Sood	Chemical Engg.	Temperature Dependency of the Radical Entry Rate in Emulsion Polymerization	Ultra Engineer	5/1	June2017
15	Ankit Srivastava and A. Sood	Chemical Engg.	A Particle Size Distribution Model for Butyl Acrylate	Ultra Engineer	5/1	June2017

			Emulsion Polymerization: Model Validation			
16	Ambereen Aziz Niaze and A. Sood	Chemical Engg.	A Model for Butyl Acrylate Emulsion Polymerization	Journal of Chemical Engineering and its Applications	2/3	April2017
17	A. Sood	Chemical Engg.	Modeling Explanation of the Maximum in the Reaction Rate Profile in Interval II of Emulsion Polymerization	Journal of Chemical Engineering and its Applications	2/3	April2017
18	M. Pandey, B.K. Tiwari, S.K. Yadav,	Chemistry	A Review on Potential Usage of Modified Agro Waste Adsorbents for Binding Pb(II), Hg(II) &Cr(VI) Ions from Aqueous Solutions	International Journal of Engineering Research & Technology (IJERT)	6 (114-120)	2017
19	ChhaganLal, Nakul Kumar, RajuChowhan	Chemistry	Synthesis, Characterization of Novel Organic Compounds and Evaluation of their Biological Activities	International Journal of Advanced Research	Accepted	2017
20	S.U. Siddiqui, Chhama Awasthi	Mathematics	Mathematical modeling of pulsatile herschel bulkley fluid flow through an inclined stenosed atery with body acceleration & slip	International Journal of Mathematical Archive	Vol.8(7), 205-215	2017
21	S.U. Siddiqui, Chhama Awasthi	Mathematics	Mathematical Analysis on Pulsatile Flow through a Catheterized Stenosed Artery	Journal of Applied Mathematics and Physics	Vol. 5, 1874-1886	2017
22	S.U. Siddiqui ¹ , Chhama Awasthi ² & Geeta ³	Mathematics	Mathematical Modelling on blood flow through Stenosed artery under the influence of Magnetic field	International Journal of Mathematics Trends and Technology (IJMTT)	Vol. 49, 236-242	2017

23	Rekha Bali, Nivedita Gupta and Swati Mishra	Mathematics	Numerical Solution of Ellis fluid model	International Journal of Mathematical Archive	Vol. 8 (6), 1-9	2017
24	Rekha Bali, Nivedita Gupta	Mathematics	An Study of non-Newtonian fluid by K-L model through a non-symmetrical stenosed narrow artery	Applied Mathematics and computation,	Vol.320, 358-370	2018
25	Shyam Sundar, Ashish Kumar Mishra and Ram Naresh	Mathematics	Effect of automobiles on global warming: A modeling study	Computational Ecology and Software	Vol.7(3), 100-108	2017
26	Shyam Sundar and Ram Naresh	Mathematics	Modeling the effect of dust pollutants on plant biomass and their abatement from the near earth atmosphere	Modeling Earth Systems and Environment	Vol.3(1), 42	2017
27	Shyam Sundar, Niranjana Swaroop and Ram Naresh	Mathematics	Modeling the effect of population and population augmented industrialization on forestry resources	European Journal of Engineering Research and Science	Vol.2(1),65-70	2017
28	Shyam Lal, Ramashray Singh Yadav	Mathematics	Approximation of Lipschitz function by $(E, q)(C, 1)$ Summability method	e- Journal of Science & Technology (e-jst)	Vol. No. 12(4), 53-60	2017
29	Ram Avtar, Swati Srivastava	Mathematics	Mathematical Modeling of Exudative Retinal Detachment	Applied Mathematics,	Vol.8,44-56	2017
30	Savita Singh, Alok Singh and S.K. Sharma	Physics	Analytical Modelling for Mechanical Strength Prediction with Raman Spectroscopy and Fractured Surface Morphology of	Journal of Institution of Engineers (India),	98/pp.235-240	2017

			Novel Coconut Shell Powder Reinforced: Epoxy Composites			
31	Savita Singh, Alok Singh and S.K. Sharma	Physics	Nano Polymer Composites: Mechanical Strength, Thermal Conductivity and Fractography of Date Seed Ash Reinforced Epoxy Composites	Adv. Sci. Engg. Med.	10/pp1-4	2018
32	Ishrat Jahan Badruddin, Brajesh Singh, Kritika Pandey, Ashutosh Kumar Pandey, Srinath Pandey, Ved Kumar Mishra and Prashant Ankur Jain	Biochemical Engg.	Application of microbes for recovery of residual crude petroleum.	International Journal of Current Microbiology and Applied Sciences.	Vol. 6/No.8	Aug 2017
33	Ashutosh Kumar Pandey, Brijesh Singh, Sudha Upadhyay, Srinath Pandey, Ved Kumar Mishra and Prashant Ankur Jain	Biochemical Engg.	Solution for Sustainable Development for Developing Countries: Waste water treatment by use of Membranes- A Review	International Journal of Current Microbiology and Applied Sciences.	Vol. 6/No.8	Aug 2017
34	Kritika Pandey, Brajesh Singh, Ashutosh Kumar Pandey, Ishrat Jahan Badruddin,	Biochemical Engg.	Application of Microbial Enzymes in Industrial Waste Water Treatment	International Journal of Current Microbiology and Applied Sciences.	Vol. 6/No.8	Aug 2017

	Srinath Pandey, Ved Kumar Mishra and Prashant Ankur Jain					
35	Bhavana Pandey, S. K. Upadhyay, Lalit Kumar Singh	Biochemical Engg.	Transesterification of waste cooking (vegetable) oils for glycerol production: a kinetic study pp1833-1843	Int. J. Adv.Res.Sc.Eng. ISSN: 2319-8354	Vol. 06 / Issue 10	Oct. 2017
36	Abhimati Shukla, Zainab Mahmood, Rabab Anjum, Lalit Kumar Singh	Biochemical Engg.	Optimization of L-glutamic acid production using artificial neural network linked genetic algorithm followed by external loop air-lift reactor study Pp57-64	Int. J. Ac. Res. Dev.	Sp. Issue	2018
37	Perna, Anjali Sharma, Deochandra Jaiswal, R Asthana	Electronics Engg.	Power Efficiency in Optical Networks with p-Cycle Protection	International Journal of Control Theory and Applications	(SCOPUS Indexed, Listed in UGC), volume 10 issue 6,	2017
38	R.C.S. Chauhan, Rachna Asthana, and Y.N. Singh	Electronics Engg.	A survey to optical CDMA systems - Part I: optical orthogonal encoding	Journal of Computing Technologies	vol. 5, Issue 5, pp. 5-19.	May 2016
39	Arpita Patel, Jaymin Bhalani, M. Shukla	Electronics Engg.	Structural Reduction in Front End Memory Requirement of Tree Based Interleaver Method Using the Concept of Invert Tree Based Interleaver in Multiuser Interleave Division Multiple Access Scheme	International Journal of Applied Engineering Research (IJAER)	Volume 12, Number 18 (2017)/ pp. 877-883	2017

40	Pavas Goswami, Manoj Kumar Shukla	Electronics Engg.	Design of a Li-Fi Transceiver ", Wireless Engineering and Technology (WET)	Wireless Engineering and Technology (WET)	Vol 8, No.4 pp. 71-86, 2017	2017
41	Vishal Awasthi, Krishna Raj	Electronics Engg.	Compensated CIC-Hybrid Signed Digit Decimation Filter	International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering	Vol:10, No.12, pp.1483-1492	2017
42	Krishna Raj, Kapil Dev Tiwari, Vipul Goel, Pragya Gautam	Electronics Engg.	Variational Techniques for Image De-noising: A Review	International Journal for Research in Applied Science and Engineering Technology	ISSN: 2321-9653; Vol. 5; Issue VII, July 2017 pp.2168-2172	2017
43	Krishna Raj, Pragya Gautam, Kapil Dev Tiwari, Vipul Goel	Electronics Engg.	A Review Paper on Various Edge Detection Techniques	International Journal for Research in Applied Science and Engineering Technology	ISSN: 2321-9653; Vol. 5; Issue VIII, August 2017 pp.534-537	2017
44	Shivani Dixit, M. Shukla	Electronics Engg.	A distortion-less approach for PAPR reduction using SC-FDM-IDMA in Acoustic environment	International Journal of Wireless and Mobile Computing	Vol. 12, No. 1, pp 76-82, 2017 (Indexed in SCOPUS Master Journal List)	2017
45	Prachi Tripathi, M. Shukla	Electronics Engg.	MIMO-OFDM Technique with IDMA Scheme for Underwater Wireless Communication	International Journal of Wireless and Mobile Computing	Vol. 12, No. 1, pp. 83-89, 2017 (Indexed in SCOPUS Master Journal List)	

46	Roopali Agarwal, M. Shukla	Electronics Engg.	SC-FDMA-IDMA Scheme Employing BCH Coding	,International Journal of Electrical and Computer Engineering (IJECE)	Vol. 7, No. 2, pp. 992-998	April 2017
47	Prachi Tripathi, M. Shukla	Electronics Engg.	A Comparative Performance Analysis of MIMO-OFDM & MIMO OFDM-IDMA Scheme for Underwater Wireless Communication	International Journal of Electrical and Computer Engineering (IJECE)	ACCEPTED FOR PUBLICATION	2017
48	Arpita Patel, Jaymin Bhalani, M. Shukla	Electronics Engg.	Structural Reduction in Front End Memory Requirement of Tree Based Interleaver Method Using the Concept of Invert Tree Based Interleaver in Multiuser Interleave Division Multiple Access Scheme	International Journal of Applied Engineering Research (IJAER)	Volume 12, Number 18 (2017)/ pp. 877-883 Print ISSN 0973-4562, Online ISSN 1087--1090	2017
49	Pavas Goswami, Manoj Kumar Shukla	Electronics Engg.	Design of a Li-Fi Transceiver	Wireless Engineering and Technology (WET)	Vol 8, No.4 pp. 71-86, 2017. (Indexed in Harvard Library E-Journals, CrossRef), ISSN Online: 2152-2308	2017
50	Dr. A.K.Shankhwar	Electronics Engg.	Performance Analysis of FBMC-OQAM based 5G Wireless System using PAPR	International Journal of Computer Applications	ISSN: 2250-1797 Impact Factor: 3.12	2017

51	Dr. A.K.Shankhwar	Electronics Engg.	FBMC vs OFDM Waveform Contenders for 5G Wireless Communication System	Wireless Engineering and Technology	ISSN Print: 2152-2294; ISSN Online: 2152-2308 Impact Factor: 0.68	2017
52	Dr. A.K.Shankhwar	Electronics Engg.	ITOS: Increased Throughput with Optimised Sink Position Protocol in Wireless Body Area Network	IEEE International Conference on Multimedia, Signal Processing and Communication Technologies	International Conference	2017
53	Dr. Ashutosh Singh	Electronics Engg.	ITOS: Increased Throughput with Optimized Sink Position Protocol in WBAN	IEEE International Conference on Multimedia Signal processing and Communication technologies 2017	International Conference	2017
54	Mohit Katiyar, Mahendra Prasad, Kavita Agrawal, R.K. Singh, Anand Kumar & N Eswara Prasad	Mechanical Engg.	Development of Low Density, Heat Resistant and Broadband Microwave Absorbing Materials (MAMs) for Stealth Applications	Journal of SILICON,	Vol. 10, Issue 5, pp 1831-39,	Dec 2017
55	Mohit Katiyar, Mahendra Prasad, Kavita Agrawal, R.K. Singh, Anand Kumar & N Eswara Prasad	Mechanical Engg.	Study and characterization of EM absorbing properties of EPDM ferrite composite containing manganese zinc ferrite	Journal of Reinforced Plastics & Composites	36(10)	Jan 2017
56	Mohit Sharma and S.K.S.Yadav	Mechanical Engg.	Design and Development of Economical 3 Axis CNC	i-manager's Journal on Mechanical Engineering	vol.7 no-2	Feb-April 2017.

			Milling Router for non contact Machining Operations			
57	Maheshwari Mayank, Singh Onkar	Mechanical Engg.	Exergy Analysis of Intercooled Reheat Combined Cycle with Ammonia Water mixture based bottoming cycle	Applied Thermal Engineering	Volume 121, Pages. 820-827 https://doi.org/10.1016/j.applthermaleng.2017.04.145	July 2017
58	Shukla Kumar Anoop, Singh Onkar	Mechanical Engg.	Thermodynamic Investigation of parameters affecting the Execution of Steam Injected Cooled Gas Turbine based Combined Cycle Power Plant with Vapor Absorption Inlet Air Cooling	Applied Thermal Engineering	Volume 122, Pages 380-388, https://doi.org/10.1016/j.applthermaleng.2017.05.034	July 2017
59	Sharma Meeta, Singh Onkar	Mechanical Engg.	Exergo-economic study of dual pressure HRSG in gas/steam combined cycle plants	International Journal of Ambient Energy	online since 7th March 2018 https://doi.org/10.1080/01430750.2018.1443496	Mar 2018
60	Deepak Srivastava	Plastic Technology	Studies on the Structural Changes during Curing of Epoxy and it's Blend with CTBN	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	International 2.098 188, pp. 99-105 IF, 2.098	2017

61	Deepak Srivastava	Plastic Technology	Reactive extraction of caroic acid using tri-n-butyl phosphate (TBP) in non toxic diluents	Journal of ChemTech Research	International 0.34 11 (7), pp. 56-62. IF, 0.51	2018
62	Reena Singhal	Plastic Technology	Synthesis and characterization of novel poly (Acrylic Acid/Sodium Alginate/Sodium Humate) Superabsorbent hydrogels. Part II: The Effect of SH Variation on Cu ²⁺ ,Pb ²⁺ Fe ²⁺ +metal ions, MB, CV dye adsorption study	Journal of Polymer and the Environment	DOI 10.1007/s10924-017-0956-y) 14 February, 2017 International, Springer IF, 1.971	2017
63	Reena Singhal	Plastic Technology	“Effect of Sodium Humate on the Swelling Characteristics and Agricultural Application of Superabsorbent Hydrogels of Poly (acrylic acid/sodium alginate/sodium humate	Journal of polymer materials –An International Journal I.F.: 0.284		2017
64	M. Verma, VD Kaushik and V Pathak	Computer Science & Engg.	Fog Removal by Multiple Polynomial Regression Model through Curvelets	International Journal of Intelligent Engineering and Systems	Vol.10, No.5	2017
65	M. Verma, VD Kaushik and V Pathak	Computer Science & Engg.	Haze Removal of a Single Image by using the Brightness Prior	International Journal of Intelligent Engineering and Systems	Vol.10, No.5	2017
66	M. Verma, VD Kaushik and V Pathak	Computer Science & Engg.	Categorization of Random Images into fog and blur based on the Statistical Analysis	International Journal of Advanced Intelligence Paradigms (IAIP)	In Press	-

67	M. Verma, V. Yadav, VD Kaushik and V Pathak	Computer Science & Engg.	Multiple Polynomial Regression for Solving Atmospheric Scattering Mode	International Journal of Advanced Intelligence Paradigms (IJAIP)	In Press	-
68	VikashYadav and Vandana Dixit Kaushik	Computer Science & Engg.	A Study on Automatic Early Detection of Skin Cancer	International Journal of Advanced Intelligence Paradigms (IJAIP)	In Press	-
69	VikashYadavand Vandana Dixit Kaushik	Computer Science & Engg.	Detection of Melanoma Skin Disease by Extracting High Level Features for Skin Lesions	International Journal of Advanced Intelligence Paradigms (IJAIP)	-	Jan 2018 DOI: 10.1504/IJAIP.2018.10012484.
70	AbhishekAgnihotri, VikashYadav and Vandana Dixit Kaushik	Computer Science & Engg.	Role of Data Mining and Machine Learning Techniques in Medical Imaging	International Journal of Advanced Intelligence Paradigms (IJAIP)	In Press	-
71	Rohit Sharma and NarendraKohli	Computer Science & Engg.	Telemedicine as a means of employment and skill development in youth of rural India	E- Health	Vol.1/ No. 1	Jan 2017
72	Mayur Rahul, NarendraKohli and RashiAgarwal	Computer Science & Engg.	Facial Expression Recognition using Multistage Hidden Markov Model	Journal of Theoretical and Applied Information Technology	Vol. 95/ No. 23	Dec 2017
73	PragatiUpadhyay, M. K. Pandey, NarendraKohli	Computer Science & Engg.	A Comprehensive Survey of Pattern Mining: Challenges and Opportunities	International Journal of Computer Applications	Volume 180 – No.24, page:32-39	Mar2018
74	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	On the High Dimentional Information Processing in Quaternionic Domain and its Applications	International Journal of Advances in Applied Sciences	Vol. 7, No. 2 pp. 177-190	June 2018

75	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	On the Learning Machine with Compensatory Aggregation Based Neurons in Quaternionic Domain	Journal of Computational Design and Engineering	DOI: 10.1016/j.jcde.2018.04.002	April 2018
76	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	High-dimensional Information Processing through Resilient Propagation in Quaternionic Domain	Journal of Industrial Information Integration	doi.org/10.1016/j.jii.2018.01.004	Jan 2018
77	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	Root-Power Mean Aggregation-Based Neuron in Quaternionic Domain	IETE Journal of Research	Vol.11, pp: 1-19 doi.org/10.1080/03772063.2018.1436473	2018
78	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	On the Learning Machine in Quaternionic Domain and Its Application	International Journal of Advanced Intelligence Paradigms	DOI: 10.1504/IJAIP.2018.10013702	2018
79	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	Machine Learning with Resilient Propagation in Quaternionic Domain	International Journal of Intelligent Engineering and Systems	Vol.10, no. 4, pp: 205-216	2017
80	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	Learning of The Neural System Based on Nonlinear Aggregation Operations of Quaternionic-Valued Signals in Neuron Cell	International Journal of Mathematics and Computers in Simulation	Vol.11, pp: 125-134	2017
81	Sushil Kumar and Bipin Kumar Tripathi	Computer Science & Engg.	On the Root-Power Mean Aggregation Based Neuron in Quaternionic Domain	International Journal of Intelligent Systems and Applications	Vol.10, no.7, pp : 11-26,	July 2018
82	Swati Srivastava and Bipin Kumar Tripathi	Computer Science & Engg.	On the Deep Hybrid Computational Model for Face recognition	Journal of Intelligent Engineering and Systems	Vol.11, No.1, pp: 121-130	Dec 2017

83	Swati Srivastava and Bipin Kumar Tripathi	Computer Science & Engg.	Development of Hybrid Learning Machine in complex domain for human Identification	International Journal of Intelligent Systems and Applications	In Press	-
84	Prashant Kumar Mishra, Raghuraj Singh, and VibhashYadav	Computer Science & Engg.	Incorporating Novel Hierarchical Secure Model for Performance and Reliability Evaluation in Mobile Agent System	International Journal of Communication Networks and Distributed Systems	In Press	-
85	Anil Kumar Yadav, Rama Shankar Yadav and Raghuraj Singh	Computer Science & Engg.	New Heuristic Algorithms for Constructing Connected Dominating Set in Wireless Adhoc Networks	International Journal of Electronics	Accepted	-
86	Vijay Yadav, VibhashYadav, Raghuraj Singh	Computer Science & Engg.	An Automated Software Cost and Schedule Measurement Tool for OO System using Predictive Object Point Sizing Metrics	Journal of Emerging Technologies and Innovative Research	Vol. 5 No. 2, pp. 1106-1111	Feb 2018
87	Chandrasah Mishra, DharmendraLal Gupta, Raghuraj Singh	Computer Science & Engg.	Credit Card Fraud Identification Using Artificial Neural Networks	International Journal of Computer Systems	Vol. 04, No. 07, pp. 151-159	July 2017
88	Prashant Kumar Mishra, Raghuraj Singh, VibhashYadav	Computer Science & Engg.	Reliability Assessment of Mobile Agent Based System in Suspicious MANET	International Journal of Information Technology	Vol. 2, No. 2, pp. 209-214	June 2017
89	Kapil Ohri, Dr. Pradeep Kumar	Civil Engg.	Study of mechanisms and design methods of reinforcement in reinforced unpaved roads	Int. Journal of Advanced Research and Development	Vol 2/ No. 5	Sept. 2017
90	Parmar, D. and Keshari, A.K	Civil Engg.	MultiobjectiveWasteload Allocation: Application to	International Journal of Waste Environmental and Management, inderscience	Under review	-

			Delhi stretch of the river Yamuna			
91	Parmar, D. and Keshari, A.K	Civil Engg.	Simulating Strategic Measures for Managing Water Quality in the Delhi stretch of the River Yamuna, India	Sustainable Water Resources Management (Springer)	Under review	-
92	Soumya Rathore, Karunakar Singh	Food Tech.	Application of response surface methodology for optimization study of equilibrium moisture sorption content for efficient drying and storage of pearl millet flour	Journal of Food measurement and characterization	Vol 11 (3) 2020-2031	2018
93.	Soumya Rathore, Karunakar Singh	Food Tech.	An all -round analysis of natural and pure culture fermentation effects for qualitative enhancement of pearl millet flour	Nutrafoods	Vol 17 61-69	2018
94.	Akshay K Singh, Anjali Srivastava, Vivek Kumar, Karunakar Singh	Food Tech.	Phytochemicals, Medicinal and Food Applications of Shatavari (Asparagus racemosus): An Updated Review.	The Natural Products Journal	Vol 8 (1): 32-44	2018
95.	Anjali Srivastava, Vivek Kumar, Alak K. Singh	Food Tech.	Computerized and Electronic Controls in Food Packaging.	Journal of Applied Packaging Research	Vol 10 (1): 28-45	2018
96.	Vivek Kumar, Anjali Srivastava	Food Tech.	The Role of RFID in Agro-Food Sector.	Agricultural Research and Technology	Vol 14 (4): 1-5	2018
97.	Soumya Rathore, Shailja Verma	Food Tech.	An <i>In Silico</i> approach for the evaluation of nutraceutical	In silico In vitro Pharmacology	Vol 3(2) 18	2017

	Karunakar Singh,AK Pandey		properties of pearl millet as brain food.			
98.	Soumya Rathore, Karunakar Singh	Food Tech.	A critical optimization study of hydrothermal treatment for decortication of pearl millet to improve its consumption efficiency	Journal of Food measurement and characterization	Vol 11 (3) 1501-1515	2017
99.	Vivek Kumar, HK Sharma, Shweta Mishra	Food Tech.	Simulation of spray drying of tomato juice using computational fluid dynamics (CFD)	Cogent Food & Agriculture	Vol 3 (1): 1-9	2017
100	Akshay Kumar Singh, Vivek Kumar and K. Singh	Food Tech.	Evaluation of antioxidant potential of oregano leaves (Origanum vulgare L.) and their effects on oxidative stability of ghee.	Nutrafoods	Vol 16 (2): 109-119	2017
101.	Vivek Kumar, H.K. Sharma and K. Singh	Food Tech.	Effect of precooking on drying kinetics of taro (Colocasia esculenta) slices and quality of its flours.	Food Bioscience	Vol 20: 178- 186	2017

(d) **Invited Lectures delivered by faculty**

Sl. No.	Name of Faculty Member	Name of Dept.	Name of Institute / Organization where invited	Title / Topic	Date
1	Dr.S.K.S Yadav	Mech. Engg	BIET Jhansi	Advanced Hybrid Machining	14/03/2018

2	J. Bhaskar	Mech. Engg	Vision Institute of Technology, Kanpur	Motivations for Mechanical Engineering undergraduate students	Feb 03, 2018.
3	Dr. Anand Kumar	Mech. Engg	Allen House Institute of Engg and Technology, Kanpur.	Smart Materials & Structures : An Overview	Feb., 2018
4	J. Bhaskar	Mech. Engg	Allen House Institute of Engg and Technology, Kanpur.	Smart Structures	April 30 to May 4, 2018
5	J. Bhaskar	Mech. Engg	Allen House Institute of Engg and Technology.	Shape memory alloys and Shape memory polymers	May 05, 2018
6.	Deepesh Singh	Civil Engg	Institution of Engineers (I) Kanpur Local Chapter and Department of Civil Engineering, HBTU Kanpur	Soil: A Natural Construction Material and its Exploration	28-29 October, 2017
7.	Deepesh Singh	Civil Engg	Vision Institute of Technology, Kanpur	Hydrology: Water Around Us	
8.	Dipteek Parmar	Civil Engg	IE(I), Kanpur Local Centre, on the occasion of “World Water Day”.	“Demystifying the challenges of water scarcity and water pollution”	March 22 nd 2018
9.	Dipteek Parmar	Civil Engg	PSIT, Kanpur	Quantifying Sustainability Criteria for Civil Engineering Infrastructure with focus on Water and Wastewater	June 6 th , 2018
10	Dr. Vandana Dixit Kaushik	Comp. Sci.	2017 2 nd International Conference on Computer, Communication and Computational Sciences (IC4S- 2017). Workshop: Computational Sciences, Advanced Databases and	Advanced Software Engineering	11-12 th October, 2017 Phuket Thailand

			Computing (CSADC2017), 11-12 th October, 2017. Springer		
11.	Prof. Raghuraj Singh	Comp.. Sci.	Two day National Conference on Human Resource Management in World of Information Technology organized by STEP-HBTI, Kanpur	IT Project Management and the Impact of Information Technology on the Human Resource Professionals	December 2-3, 2017
12	Prof. Raghuraj Singh	Comp.. Sci	IETE Foundation Day celebration by the IETE Students Forum (ISF) Krishna Institute of Technology, Kanpur	Data Science: An Introduction	November 02, 2017
13	Prof. Raghuraj Singh	Comp.. Sci	Indus Institute of Technology & Management, Bilhaur, Kanpur	Software Development: Areas of Application, Approach and Effectiveness	April 17, 2017
14	Dr. S. K. Gupta	Chemical Engg.	DMSRDE	विज्ञानं और प्रौद्योगिकी का स्वच्छ भारत में योगदान	12.12.2017
15	Dr. Ashwini Sood	Chemical Engg.	IIT Roorkee	Modeling of Methyl Methacrylate Emulsion Polymerization in a Semi-batch Reactor	06/12/2017
16	Mr. Brajesh Singh	Biochemical	STEP HBTI Kanpur.	Food and nutritional challenges before India.	Oct. 16, 2017.
17	Mr. Brajesh Singh	Biochemical	Bundelkhand University, Jhansi.	Bioenergy for clean environment and green development.	March 27, 2018.
18.	Dr. Lalit Kumar Singh	Biochemical	IET, BU Jhansi BIOFUTURITY 2018	Bioethanol production from lignocellulose biomaterials	March 27-28, 2018

19.	Dr. Pramod Kumar	Paint Tech.	Chem. Engg. Deptt. At BIET Jhansi	New Trends in Paint and coating	19/02/2018
20.	Dr. Sanjiv Kumar	Elect. Engg.	Shri Ram Murti Smarak College of Engineering and Technology, Bareilly	Electrical Engg. Dept. in Bareilly	Faculty Improvement Programme
21.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Emerging issues in Food processing- freeze dried foods	13/04/2017
22.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Emerging issues in Food processing- Irradiated foods	13/04/2017
23.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Introduction food processing & technology – condiments processing, grain milling and tea processing	14/04/2017
24.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Inspectio of food establishment, manufacturing units – Oil processing uints	7/05/2017
25.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Special establishment inspection- Beverge Industry	7/05/2017
26.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Food preservation techniques- pickling, curing, drying, smoking etc.	17/05/2017
27.	Dr. Vivek Kumar	Food Tech.	DDU- SIRD, Lucknow	Effect of food processing on nutrition & food contamination	17/05/2017

22. Conferences, Seminars, Workshop and Short Term Courses / Faculty Development Programs etc. Organized (2017-18).

Sl. No.	Name of Dept.	Title of the Conference	Name of the Organizer	Place	Dates/ Year
1.	Comp. Sci.	Induction Programme for New Entrants	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	15-21 st January, 2018
2.	Comp. Sci.	Workshop on Outcome Based Education & NBA-SAR Preparation	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	31 st January 1 st January, 2018
3.	Comp. Sci.	Academic Processes for the Implementation of Outcome Based Education (OBE)	TEQIP-III, HBTU, Kanpur	HBTU, Kanpur	19-23 rd February, 2018
4.	Comp. Sci.	Outcome Based Accreditation	TEQIP-III, HBTU, Kanpur	NPIU & HBTU, Kanpur	22-23 rd March, 2018
5.	Comp. Sci	Industry Interface Meeting	TEQIP-III, HBTU, Kanpur	NPIU & HBTU, Kanpur	2-3 rd May, 2018
6.	Comp. Sci	Recent Advances in Information & Communication Technologies “RAICT-2017”	HBTU Kanpur	Kanpur	April 2017
7.	Comp. Sci	Advances Algorithms in Computing	HBTU Kanpur	Kanpur	January, 2017
8.	Comp. Sci	Computer Fundamental & Internet	HBTU Kanpur	Kanpur	July 2017
13	Civil Engg.	Construction & Maintenance of CC Structures	HBTU & IEI	HBTU, Kanpur	Oct. 27-29, 2017
14	Chemical Engg.	Application of MATLAB	Department of Chemical Engg. HBTU, under TEQIP-III	HBTU, Kanpur	23 rd & 24 th May 2018
15.	Chemistry	National Conference on Advances in Chemistry for Sustainable Development (ACSD-2017)	Department of Chemistry & Mechanical Engineering, H.B. Technical University, Kanpur.	HBTU, Kanpur	22.03.2017-23.03.2017
16	Electronics Engg.	Academic Process for the Implementation of Outcome Based Education(OBE)	HBTU and TCE	HBTU, Kanpur	Feb 19, 2018 to Feb 23, 2018

17	Electronics Engg	Outcome Based Accreditation for Undergraduate Engineering Programs	NPIU, and HBTU	HBTU, Kanpur	Mar 22, 2018 to Mar 23, 2018
18.	Electronics Engg	Workshop on Outcome Based Education and NBA SAR Preparation	HBTU and TCE	HBTU, Kanpur	Jan 31, 2018 to Feb 1, 2018
19	Electronics Engg	Training Workshop for Faculty-Mentors on Induction Programme for New Students	NPIU, and HBTU	HBTU, Kanpur	Sept 22, 2017 to Sept 24, 2017
20	Electronics Engg	Communication networks: A research perspective	Short Term Course, Electronics Engineering Department, HBTU	HBTU, Kanpur	Feb 27, 2017 to Mar 04, 2017
21.	Electronics Engg	Advance course on Antennas and Microwaves	Short Term Course, Electronics Engineering Department, HBTU	HBTU, Kanpur	Jan 30, 2017 to Feb 04, 2017
22	Paint Tech.	13 th International Alumni Meet 2017	Hony. Treasurer	Alumni Association HBTI Kanpur	25-26 November 2017
23.	Paint Tech.	National seminar 6 th PACT Vision seminar on Expanding Horizon in Surface Coating	Organizing Secretary	Deptt. of Paint Tech. & PACT, HBTU, Kanpur	17-18 March, 2018
24	Paint Tech.	Workshop on outcome based education	Co-ordinator	TEQIP-III	22-23, March, 2018
25.	Paint Tech.	Skill Development Training Programme on paints, manufacturing, application and Marketing	Paints and Coatings Skill Council, (under National Skill Development Corporation, Ministry of Skill Development)Mumbai at HBTU Kanpur	HBTU, Kanpur	22/09/2017 To 27/09/2017
27.	Elect. Engg.	"Multilevel Inverter and it's Applications"	Allenhouse Institute of Technology, Kanpur	Kanpur	01 Days
28.	Elect. Engg.	"Emotional Intelligence"	SPIT, Bhauti, Kanpur	Kanpur	02 ays

23. Consultancy projects taken by faculty

S. No.	Name of the Faculty	Title of the Project	Name of Agency	Amount Received
1.	Sunil Kumar	Structural design	Zone 1 K.D.A , Kanpur	Rs. 262500
2.	Sunil Kumar	Structural design	U.P.S.I.D.C Ltd Mansarovar colony , Lucknow	Rs. 172500
3.	Sunil Kumar	Structural design	Construction Div IX Hitech City -14 , Allahabad	Rs. 105800
4.	Sunil Kumar	Structural design	U.P.S.I.D.C Sector 14 , Allahabad	Rs. 105800
5.	Sunil Kumar	Structural design	Provincial Div L.N.V , Mathura	Rs. 161000
6.	Sunil Kumar	Structural design	R.K.U ,Mandi, Gonda	Rs. 383525
7.	Sunil Kumar	Structural design	Maa Sharda Const. Shivalik Nagar Haridwar , U.K	Rs. 138000
8.	Sunil Kumar	Inspection Report	R.K.U.M.P Navinmandi , Banda	Rs. 124200
9.	Sunil Kumar	Site Instruction	Jai Guru Cold Store , Kanpur	Rs. 118000
10.	Sunil Kumar	Structural design	Grassland Developers Pvt Ltd , Kanpur	Rs. 212400
11.	Sunil Kumar	Mix design	U.P Jal Nigam , Kakadev , Kanpur	Rs. 177000
12.	Sunil Kumar	Structural design	U.P Jal Nigam , Kakadev , Kanpur	Rs. 113752
13.	Sunil Kumar	Structural design	Irrigation Div. Kanpur Dehat	Rs. 413000
14.	Sunil Kumar	Structural design	GSJ Env. Ltd. Hamkunt Colony , New Delhi	Rs. 216000
15.	Sunil Kumar	Third Party Investigation	U.P.R.N.N , Banda	Rs. 165200
16.	Sunil Kumar	Structural design	U.P. Jal Nigam , Farrukhabad	Rs. 141600
17.	Sunil Kumar	Structural design	Omax Ltd. Kalkaji , New Delhi	Rs. 114460
18.	Deepesh Singh	Geotechnical Investigation	U.P Jal Nigam , LakhimpurKheri	Rs. 182502
19.	Deepesh Singh	Geotechnical Investigation	U.P Jal Nigam , Banda	Rs. 273583
20.	Deepesh Singh	Geotechnical Investigation	Barrage Const. Div I , Kanpur	Rs. 295000

24. Startups and Innovations

- a. As per the nomination by Hon'ble Vice Chancellor, a team of Faculty members visited AKTU Lucknow on 26-27 Dec. 2017, and attended a workshop on 'Startup activities' mentored by Expert from AICTE. We also submitted an action plan with the help of mentor Dr. S. Balaji from Thiagaraja College of Engg. Madurai.
- b. On 24th April 2018, NITI AAYOG sponsored program was organized under the name SHURUAAT BUS. Here the students got an opportunity to pitch their ideas inside the BUS. Here the students understood the importance and relevance of elevator pitch.
- c. On 28-29 April 2018, an E summit was organized by the students of E – cell (GIIEC), the various programmes in this summit like Can u be a CEO, Build your design, Business Quiz, Pivot, & Games of thrones were organized for the students to check their knowledge, IQ, Ideas, Finance, Innovation, Memory and management skills.

25. Linkage with industry

Most of the department has rich linkage with industries and they provide support in organizing various events. They also provide a platform to our students for industrial training. The officials from the industries also share their rich and valuable experiences with the students from time to time. The details of few linkages with HBTU in the session to 2017-18 are given below:

Sherwin Williams	Maruti Udyog Ltd.	Yatra.com
Hempel Paints	TATA Motors	Lohia Corpn.
Assian Paints	Reliance Industries	IBM
K-Tech India Ltd.	Nerolac Paints	Shamsung
Ppg Asian Paint	HCL Info systems	BEL
Berger Paints	GAIL	The Supreme
Industries		

26. Collaborative activities

- (i) HBTU Kanpur collaborative with IIT Kanpur by signing a MOU on 04.01.2017 for the implementation of the schemes "National Initiative for setting up of designed innovation center". Based on projects proposal presented before PAAB members on 16.02.2017, one main project and four sub projects were selected as given below:-
 - a. Facilities of SPOKE Centre-Prof. Krishna Raj, Dean Incubation Hub
 - b. Development of experimental setup for machining and finishing of Bio compatible materials for medical practice- Dr. SKS Yadav & Dr. V.P. Singh
 - c. Microwave Extraction of Essential Oils – Mr. A.K. Rathore, and Dr. S.K. Gupta
 - d. Design and Implementation of Efficient Digital Filter for Bio medical signal processing- Prof. Krishna Raj

- e. Low cost Acrylic Distemper made from Cow Dung- Mr. Deepak Sharma Mr. Aditya Singh, Remark: Student Project

The duration of above projects was up to the March,2019

- (ii) An MOU between HBTU Kanpur and IIT Kanpur was signed on 27.01.2018 for a period of five years for Incubation. The shortlisted incubate will get a chance to work on his ideas at SIDBI innovation and incubation center at IIT Kanpur on the recommendation of HBTU.
- (iii) A national seminar on “Expanding horizon of surface coating” was organized by Deptt. Of Paint Technology and PACT on 17-18 March 2018.
- (iv) A Quiz event named “POLYQUORA” was organized by Deptt. Of Plastics Technology and PETA.

27. Curricular achievement & Co-curricular achievement

Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Upload a description in not more than 500 words on Student Council activity and students’ role in academic & administrative bodies.

University Students Activity Council (USAC)

The university is committed for overall personality development of the students. The USAC activities are aimed at grooming extra-curricular skills of the students. It has 8 sub-councils/clubs. These sub-councils/clubs are:

NSS

Photography Club

Literary sub-council

Hobby Club

Sports Sub-council

Yoga Club

Cultural sub-council

NCC sub-council

The activity of each sub-council are managed by a committee consisting of a faculty member as its convener, student secretary, two nominated staff members and two nominated students member. The sports sub-council has a Physical Instructor as an additional member. The USAC activities are funded from the fees collected from the students as well as from the grants received from the Government or other agencies for the purpose. The university has one Gymnasium and two play-grounds with adequate facilities for most of the outdoor and indoor games like Basketball, Football, Table Tennis, Lawn Tennis, Badminton, Cricket and Volleyball. The Hobby club possesses two projectors (16 mm and 35 mm). The photography club has facilities for developing films, photo printing and enlarging photographs related to literary and cultural activities. An auditorium equipped with good light and sound system exists. The cultural sub-council has an orchestra of its own which is fully managed by students. The students are not only encouraged to take part in all the activities of the Council but are also evaluated regularly based on their participation and performance in them.

Average number of sports and cultural activities / competitions organized at the institution level per year

Year	Name of the activity	Total no of Activates per year

2017-18 *	<p>Organise Sports Activities during Induction Programme (as per A.I.C.T.E. norms) for New Entrants Session 2017-18.</p> <p>“Run For Peace” race from West Campus to East Campus in H.B.T.U., Kanpur on 26th Jan, 2018 (Republic Day)</p> <p>Inter Branch Activity for various games e.g., Cricket, Football, Volleyball, Basketball, Table Tennis, Chess, Badminton etc.</p> <p>Annual Athletic Meet organised on 24th& 25th March, 2018</p> <p>University Basketball Team Participated in U.P. State Inter University Basketball Tournament organised by C.S.J.M.U., Kanpur.</p> <p>Organised International Yoga Day on 21st, June 2018</p> <p>“Run for Freedom” race on 15th, Aug, 2018 in East Campus.</p> <p>“Run for Unity” race and Oath taking Ceremony on 31st Oct., 2018</p> <p>University Football Team Participated in District Level Football Tournament organised by Kanpur District Football Association</p>	
--------------	--	--

28. Awards/Prizes won by students, faculty

Academic Achievements, Honors, Awards etc received by faculty (2017-18)

1. Dr. Vandana Dixit Kaushik: (CSE Dept.)

- (i) Best Paper Award in a Session.
- (ii) **Title of Paper:**An Efficient Fingerprint Matching using Continuous Minutiae Template Learning
- (iii) Conference Title: 2017 2nd International Conference on Computer, Communication and Computational Sciences (IC4S- 2017). Workshop: Computational Sciences, Advanced Databases and Computing (CSADC2017), Phuket, Thailand, 11-12th October, 2017.

2. Prof. Raghuraj Singh (CSE Dept.)

- (i) **Best award for promoting Digital Learning Platform** by CCSIT, TMU Moradabad during Silver Jubilee Celebration of IEEE (UP) Section on December 29, 2017.
- (ii) **Guest of Honour and Keynote Speaker**, IEEE (UP) sponsored Sixth International Conference on System Modeling and Advancement in Research Trends (SMART-2017) organised by CCSIT, TMU, Moradabad during December 28-29, 2017.

3. Dr. S. K. Gupta (Chemical Engg. Deptt.)

- (i) Chaired the technical session (Oral Presentation) on IChE Conference CHEMCON 2017 held from 27th Dec'17 to 30th Dec'17 at Haldia Institute of Technology, Haldia, and West Bengal.
- (ii) Chaired the technical session (Poster Presentation) on IChE Conference CHEMCON 2017 held from 27th Dec'17 to 30th Dec'17 at Haldia Institute of Technology, Haldia, and West Bengal.
- (iii) Distinguished Leadership Award in Engineering 2018 by Venus International Foundation, Chennai.
- (iv) Bharat Jyoti Puraskar 2018 by International Publishing House, New Delhi.
- (v) Biography has been selected for inclusion in Who's Who in the World, 2018 which is comprised of the top 3% of the professionals in the world. Reservation in the Marquis's

network is honored to individuals who have demonstrated leadership, excellence and longevity within their respective industries and professions.

- (vi) Editorial Board Member for the “International Journal of Chemical & Petrochemical Technology.”

4. Dr. A. Sood

- (i) Selected for the 2018 Albert Nelson Marquis Life Time Achievement Award. I have been selected to receive this prestigious award as a result of my hard work and dedication to my profession.
- (ii) Biography has been selected for inclusion in Who's Who in the World, 2018 which is comprised of the top 3% of the professionals in the world. Reservation in the Marquis's network is honored to individuals who have demonstrated leadership, excellence and longevity within their respective industries and professions.
- (iii) Awarded IICHE NRC Award 3rd Best Paper in "Indian Chemical Engineer" 2016 for the paper “A Population Balance Model for Butyl Acrylate Emulsion Polymerization, Indian Chemical Engineer, 58, 40-60, 2016”. The award was given in CHEMCON 2017, Indian Institute of Chemical Engineers, Haldia, Dec. 27-30, 2017 and carried a cash award of Rs. 1000.
- (iv) Received "Bharat Vikas Award" on 19th November, 2017 at Bhubneshwar, India for my loyalty, diligence and outstanding performance in the field of emulsion polymerization processes. The award was given by Institute of Self Reliance, Bhubaneswar.
- (v) Received "The Best Citizens of India Award 2017" for academic and professional contributions. The award was given by International Publishing House, New Delhi.
- (vi) Acted as Editorial Board Member, Chemical and Bio molecular Engineering, Science Publishing Group, New York, USA in 2016-17, 2017-18.

5. Dr. P.K.Kamani

- (i) Dr. P.K.Kamani was nominated as Expert Member of Accreditation by NBA New Delhi for Accreditation of Chem. Engg. Programme at Haldia Institute of Technology, ICARE 17-19.11.2017Complex, H.I.T Campus, Dist. Purba, Madinipur, 721657.
- (ii) Dr. Kamani was appointed Principal Member by BIS, New Delhi for CHO-20 & CHO-2.

6. Dr. Yaduvir Singh, Professor, Expert, Gautam Buddha University, Gr. Noida.

7. Jitendra Kumar Dwivedi, Associate Professor, Member, BOG, STEP-HBTI, and Member, Building

- (i) Committee, CSJMU, Kanpur

29. Financial Information: Funds Received & Spent

Point N0.31: Financial information: Funds Received & Spent			
		(Rs. in Lac)	
Sl.No.	Fund Resources	Fund Received	Spent
1	Fund received from State govt. (Non-Plan)	1914.17	1815.47
2	University Earning	1924.02	1437.52
3	Fund received from State govt. (Plan)	1737.36	1737.36
4	All India Council for Technical Education, New Delhi	77.20	-
5	AKTU, Lucknow	5.00	-
6	Design Innovation Centre, IIT Kanpur	15.74	2.70
7	TEQIP-III	40.87	40.87
	Total	5714.36	5033.92

30. Internal revenue generated

Sl. No.	Particulars	Amount
1.	Academic Receipts	
	Student/Institute Fees	170922059.00
	Hostel Fees	16185656.00
	Library Fees	107361.00
	Total	187215076.00
2.	Income From Investments	
	Interest on FDR (FDR kept aside for specified purposes)	8712924.00
	Total	8712924.00
3.	General Funds	
	1. Bank Interest	8344865.00
	2. Testing & Consultancy Charges	10912831.00
	3. Tender Fees	4725.00
	4. Deduction from Staff Salary	
	- Electric Charge	2134827.00
	- Water Charge	97761.00
	- House Rent	237484.00
	- Vehicle Charge	20643.00
	- Other Deductions	77265.00
	5. Teachers appointment application Fee	2475505.00
	6. Bank Rent	9075.00
	7. Guest House Rent	12620.00
	8. IGNOU Hire Charges	269742.00
	9. Miscellaneous Receipt	745935.00
	10. Guest Faculty Interview Receipt	333000.00
	11. Summer Training Fee	8000.00
	12. Recovery of Overdraft	7344.00
	13. Challenged Evaluation Fees	5000.00
	14. Recovery from salary	243031.00
	15. Seminar, Conf., Membership Fees	63170.00
	16. Prior period Advances Adjusted	165667.00
	Total	26168490.00



- Contact us -

HARCOURT BUTLER TECHNICAL UNIVERSITY

KANPUR-282002 (U.P.) INDIA

Tel. No. : (0512) 2534001, Fax: (0512) 2533812

Website: www.hbtu.ac.in