



HARCOURT BUTLER TECHNICAL UNIVERSITY



PLACEMENT BROCHURE

2021 - 22

TRAINING AND PLACEMENT CELL

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TRAINING AND PLACEMENT CELL
HARCOURT BUTLER TECHNICAL UNIVERSITY,
KANPUR

MESSAGE FROM THE HON'BLE VICE CHANCELLOR

“

From a tremendous beginning in 1921, and after the upgradation into university in 2016, Harcourt Butler Technical University, Kanpur has grown into an organization par excellence. The guiding philosophy of the University has been the creation of awareness among students so that they can face the challenges globally. HBTU through its various development programs gives the students an edge over their counter-parts by enabling them to prepare themselves for a world that is yet to be created, for jobs yet to be invented, and technologies yet undreamed. The objectives of imparting education, combined with creation are being met in an integrated form to create a synergetic impact.

Our Focus has been on:

- Personalized teaching environment for students.
- Technical Enhancement Workshops.
- Faculty Development Programs.
- Aptitude Training for students.
- Best results at the university level.

I feel confident that the University is progressing in the right direction to build an academic institution of great social impact. I am positive on the point that our students will prove their caliber and display remarkable skills, which shall be useful to the industries. I take this opportunity to welcome you at HBTU and invite you to this mutually beneficial journey.

Prof. Samsher
Vice Chancellor
HBTU Kanpur

”
**PROF. SAMSHER
VICE CHANCELLOR
HBTU KANPUR**



MESSAGE FROM THE DEAN

“

HBTU Kanpur has always aspired and strived hard to be a dream campus, a campus that is built on state-of-the-art professional strategies of planning, architecture, design and construction, with equal emphasis on aesthetics, safety and comfort. It has stood befittingly the status of a premier institute, offering a role model for other campuses to emulate. The infrastructure of the campus is developed to such an extent that it allows natural opportunities for interaction between academics of different disciplines to come together and undertake research on cutting edge interdisciplinary domains. The campus consists of academic and residential areas for students, residential area for faculty and staff and other basic facilities. Hence, HBTU is similar to a township that is self-contained and based on concepts of sustainable development and living. On the whole, the University provides optimum conditions to the students to develop and hone their skills with the belief that they are exposed to the best of conditions necessary for their stint at organizations that shall recruit them in the near future.

”



PROF. PRAMOD KUMAR KAMANI
DEAN OF PLANNING & RESOURCE GENERATION
HBTU KANPUR

MESSAGE FROM THE UNIVERSITY PLACEMENT IN-CHARGE

“

Harcourt Butler Technical University (Formerly HBTI) is an institution of national importance, which came into being in the year 1921. In the last 99 years, the Institution has grown into a full-fledged premier technical University. The graduating students, from the very beginning, have shown tremendous potential and skill in their respective fields of study and they have also fared very well in terms of having an overall developed personality. Their abilities are well attested by the excellent reports we receive from the recruiting companies. Apart from the regular courses, students are also engaged in various cultural, technical, sports and literary activities throughout the year. The institution provides valuable support by offering information and guidance to the graduating students registered for placement. The Training and Placement Cell looks after all the required activities for this purpose. The University believes in all round development of its students. To ensure the same, a plethora of cultural, technical and sporting events takes place round the year. The students are prepared for the corporate life and support and guidance is provided to them through the Placement cell. All their queries and doubts are also duly answered. The Training and Placement Cell looks after all the activities related to the activities concerning the Training/Placements and recruitments. We hereby invite you to this esteemed university to recruit some of the best talents that we have nurtured over the years.

”



DR. S.K.S. YADAV
UNIVERSITY PLACEMENT FACULTY IN-CHARGE
AND ASSISTANT PROFESSOR
DEPARTMENT OF MECHANICAL ENGINEERING,



DR. ANITA YADAV
UNIVERSITY PLACEMENT FACULTY IN-CHARGE
AND ASSOCIATE PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE,



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100 YEARS OF LEGACY



Harcourt Butler Technical University (erstwhile HBTI), has been standing on the land of legacy for 100 years, with the foundation stone laid on 25th of November 1921, the institution is celebrating the centennial year.

Being the pioneer of technical education, it is one of the oldest institution of India. HBTU is the mother institute of the **National Sugar Institute, Uttar Pradesh Textile Technology Institute, Government Engineering College, (GEC/M), Indian Institute of Technology Kanpur (IIT/K)**.

HBTI shares one the largest alumni base in colleges out of India, many alumni have successfully made their way through to the top of their fields, with many establishing their own industries, start-ups and organisations, many other are serving the nation through various governmental departments and private organisations through their knowledge, skills, experience and roots of their alma mater.

INTAKE PROCESS

HBTU intakes some of the best talents of the nation under various programs through following methods

- JEE (main) for B .Tech. Courses.
- NIMCET for MCA.
- GATE for M.Tech Courses.

HBTU offers a plethora of choices for the aspirants, providing a wide range of choices among the courses offered. The syllabus of all the courses has been carefully selected and regularly updated according to the latest trends by experts.

PROGRAMS OFFERED

Undergraduate Courses

B.Tech. (4 years: 8 semesters)

- Biochemical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Electronics Engineering
- Food Technology
- Information Technology
- Leather Technology
- Mechanical Engineering
- Oil Technology
- Paint Technology
- Plastic Technology

POSTGRADUATE COURSES

MCA Programme - (3 years)
M.Tech. Programme

M.TECH FULL TIME

HBTU offers choices for the aspirants, providing a wide range of choices among the courses offered. The syllabus of all the courses has been carefully selected and regularly updated according to the latest trends by experts.

Courses Offered

M.Tech. (3 years: 6 semesters)

Course Name	Offering Department
Chemical Technology with specialization in Bio-Chemical Engineering	Bio-Chemical Engineering
Chemical Engineering	Chemical Engineering
Electronics & Communications Engineering	Electronics Engineering
Chemical Technology with specialization in Food Technology	Food Technology
Chemical Technology with Specialization in Oil Technology	Oil Technology
Environmental Science & Engineering	Mechanical Engineering
Computer Aided Design	Mechanical Engineering

M.TECH PART TIME

Course Name	Offering Department
Mechanical Engineering Design	Mechanical Engineering
Industrial Systems Design	Mechanical Engineering
Chemical Engineering	Chemical Engineering
Structural Engineering	Mechanical Engineering
Power Electronics and Control	Electrical Engineering
Soil Mechanics and Foundation Engineering	Mechanical Engineering

RESEARCH AT HBTU

Faculty of HBTU contributes more than 100 research papers per year and several presentations for Indian as well as International Journals and Conferences. Besides this Faculty has been involved in several Research and Development schemes sponsored by **D.S.T., U.G.C., D.R.D.O ,U.P.C.S.T., C.S.I.R., D.A.E., ICMR, DoE and Ministry of Civil Supplies** which has been successfully completed. Major Initiatives have been taken up to Speed-up Research Activities in the University

A.University has a full-fledged Innovation & Incubation Centre which works under the control of the Dean, Incubation Hub.

B.University has collaborated with IIT, Kanpur by signing a MOU for the implementation of “National Initiative for Setting up of Design Innovation Centre” scheme. Some projects for the development of prototype in the following areas already running :

- **Education-** Learning content for disadvantaged communities
- **Healthcare-** Assistive technology and Designing of low cost medical equipment
- **Livelihood-** Sustainable agricultural technologies, Precision manufacturing at affordable costs, Appropriate Technology for SMEs and Cottage industry
- **Environment-** Treatment of water, Health monitoring of environment, Disposal-Segregation and Recycling of waste.

C. Faculty & Students of the University as well as budding entrepreneurs of Kanpur and nearby areas are provided necessary assistance for entrepreneurship, startup, innovation and incubation.

D. In order to encourage entrepreneurship, startup, innovation and incubation, the Innovation & Incubation Centre use to organize various motivational events from time to time

BEYOND ACADEMICS

USAC

The University Student Activity Council is divided into seven sub-councils:

CULTURAL: This council organizes every cultural event in the university and ensures the participation of students in all cultural competitions. The council has nourished many raw talents and groomed them into highly skilled individuals/squads.



SPORTS: The Sports sub-council handles the operations of every sport being played in the university. The teams have reciprocated with great success in various tournaments at different levels, the jewel in the crown being the cricket and football teams, while the teams in other sports such as basketball, badminton and volleyball also showing their prowess multiple times.



LITERARY: Literary sub council is the strong pillar of the university, holding the responsibility to flourish the rich academic talents of the students with an artistic touch.



HOBBY: Hobbies as a part of our leisure activity are very important, and the Hobby sub-council is extremely active in helping students understand its importance.



PHOTOGRAPHY: : The brilliance of an artistic profession is formalized by the photography sub council, which is not only in-charge of capturing each and every event as well as the natural beauty of the campus infrastructure but is also very active socially, creating opinions with the help of stills and videos.



NSS: National Service Scheme is a very devoted part of the university system, dedicated towards the task of social upliftment through programs such as teaching poor kids, distribution of clothes.



PSMSC: Print and Social Media Sub- Council releases a newsletter, that is one of the only 4 newsletters to be published and distributed by any academic institution in printed format. As the university was nearing its 100 glorious years. It has become a medium of mass communication. This was also an apt initiative to educate the students about the past, present and future of our institution.



CLUBS

E-CELL: The Gen-X Innovation Incubation and Entrepreneurship Cell (GIIEC), HBTU is arduously working to invoke a sense of entrepreneurial demeanour in the students and make them focused on what other people think of as a risk. The cell conducts interactive events, it also organised events like the Kerala Relief Fund initiative, Entrepreneurship Workshop, E-Summit and many more.

ROBO CLUB: Robotics and Automation club.

AEROCLUB: Aeromodelling Club

DEVELOPER STUDENT CLUBS(DSC): Google sponsored Developers community.

Q-FRAT: The quizzing fraternity

DEBNEXUS: Debating and vocational society

DRAMATICS CLUB: The flag bearer for dramatics

GRUV: The Dance Club

ROTA (READERS OF THE ARK): The Book Club.

EVENTS

All these Councils and clubs come together to organize various events throughout the year, the student teams at the clubs are nurtured for leadership, teamwork and management.

AAGAZ:

The sport festival of HBTU, Kanpur. Each year, thousands of participants compete in sports like cricket, basketball, football and many more while there are indoor sports like table tennis to cater as well. Creating a spectacle of exceptional sportsmanship and athletic talents, the event has never failed to enthuse a zest within the students year along.

E-SUMMIT:

The university leaves no stone unturned when it comes to preparing the students for professional life, and the same is implemented by organizing E-Summit. The summit is aimed towards expanding the horizons of the students towards the life that is about to come by events that create mock situations faced in day-to-day corporate lives, as well as providing a platform to budding entrepreneurs to present their ideas to venture capitalists and seed fund investors. There are talk sessions of multiple successful entrepreneurs too, that encourage the students to be bold and put their step forward in the direction of start-ups.



EVENTS

ADHYAAY: A three day techno-cultural festival of HBTU, Kanpur encapsulating enchanting literary, cultural and techno fiesta taking place within one of the old and prestigious universities of India, HBTU Kanpur. Hosting world renowned poets, artists and performers Adhyaay houses a plethora of traditions with an ecstatic blend of cultures and is nationally acclaimed for its literary, cultural and technical events. Reaching its centenary year, it makes it more special with every aspect Adhyaay and HBTU has to offer.



TEDX:

In the spirit of ideas worth spreading, TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. At a TEDx event, TEDTalks video and live speakers combine to spark deep discussion and connection in a small group. TEDxHBTU is a half-day event being curated by Harcourt Butler Technical University, our goal is to bring together bright minds to give talks that are idea-focused, and on a wide range of subjects, to foster learning, inspiration and wonder – and provoke conversations that matter. Various other independent events like Street Plays, Dramatics Evening, Quizzes, Inter-Department Sports, Literary & Cultural events are organised by the students

WHY RECRUIT FROM HBTU?

1. Sacrosanct Admission Procedure:

The students at HBTU are amongst the top rankers of the state as well as the nation. They have proved themselves in entrance exams as well as at school level.

2. Excellent Faculty and Industry-Oriented Curriculum:

With elite world-class faculty, out of which almost every one having multiple researches of international recognition, HBTU enjoys a faculty to student ratio of 9:1*. The curriculum taught to the students is hand-picked carefully to match the latest standards of the industry without compromising in-depth knowledge.

3. Robust Personalities:

The students of HBTU are not only academically sound but are also well versed with soft skills. Soft skills are made a part of the curriculum through presentations and open-end learning components. The presence of various student regulated clubs and councils helps steering the extra-curricular activities which inturn inculcates their Leadership, Teamwork and Managing Skills.

4. Stellar Ratings:

University has been ranked 20 by India Today magazine in the year 2021. University is covered under World Bank assisted TEQIP-IV (Technical Education Quality Improvement Program Phase) and RUSA, Govt. of India. ABP News awarded HBTU with the National B-School Award as Best Engineering College in the year 2011, 2012, 2013 and (2015 by VIT Vellore).

5. Rarity in Abundance:

HBTU (formerly HBTI) is the only institute in North India to offer B. Tech. in Chemical Technology branches like Paint Technology, Plastic Technology, Leather Technology, Food Technology, Oil Technology and Biochemical Engineering.

6. Profound Alumni Base:

Mentioned earlier, the alumni of the institution have made us proud in every field, ranging from renowned scientists to diplomats to entrepreneurs to leaders of the society to bestselling authors to military officials. The students are in constant direct touch with such eminent personalities and that helps them to flourish from their predecessors' first-hand experiences.

7. Industrial Exposure:

The curriculum in HBTU leaves a scope for industrial exposure and experience, a lot of opportunities from campus and support for the same is provided to connect the students with the industry so that they can hands on experience of the working and intricacies of the industry.

PLACEMENT PROCEDURE

SHARE DETAILS

The company should share the details with the college TNP

SHORTLIST

The list of shortlisted and waitlisted students for the final placement process is to be mailed to the TPC by the company

FINAL LISTING

The company needs to furnish the final list of selected students by the end of assigned interview slot. Offer letters are to be sent to the TPC

01

INVITATION

A formal invitation with the placement timeline and other relevant information are sent out to organisations by the TPC HBTU to take part in recruitment process.

02

PRE PLACEMENT TALK

The interested companies will be allotted slots and dates for conducting PPT/Written tests/Online Tests by student coordinators.

03

04

INTERVIEW

The placement interviews begin

05

06

OUR NOTABLE ALUMNI



DINESH AGARWAL (CSE' 90)

Founder & CEO IndiaMART.COM,
Angel Investor @ GSFIndia.com



DR. ASUTOSH KARNATAK (EE'80)

Ex- Chief Managing Director
(Project) GAIL | Ex-Chairman
Mahanagar Gas | Ex-Chairman
BCPL | Ex-Chairman Gail Gas
Limited

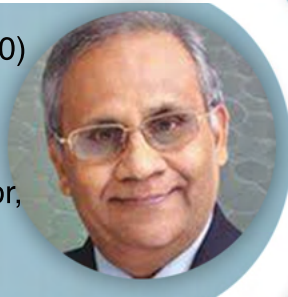
RAJIV SIKKA (CE'86)

CEO at IndianOil - Adani Gas Pvt.
Ltd.



ANIL KHANDELWAL (ChE'90)

Ex-Chairman and Managing
Director of Bank of Baroda, Dena
Bank | Board Member and Advisor,
KPMG, SEBI, GAIL.



KESHAV DEV MALVIYA (OT'30)

Ex- M.P. & Union Minister (Minister
of Petroleum), Government Of India
| Father of the Indian Petroleum
Industry



RAJEEV GOEL

Vice President,
Asian Paints Ltd.



DINESH SHAHRA (ChE'72)

Founder & Ex-Managing Director,
Ruchi Soya Industries Ltd. |
Chairman, Dinesh Shahra
Foundation



G P SINGH (PT'92)

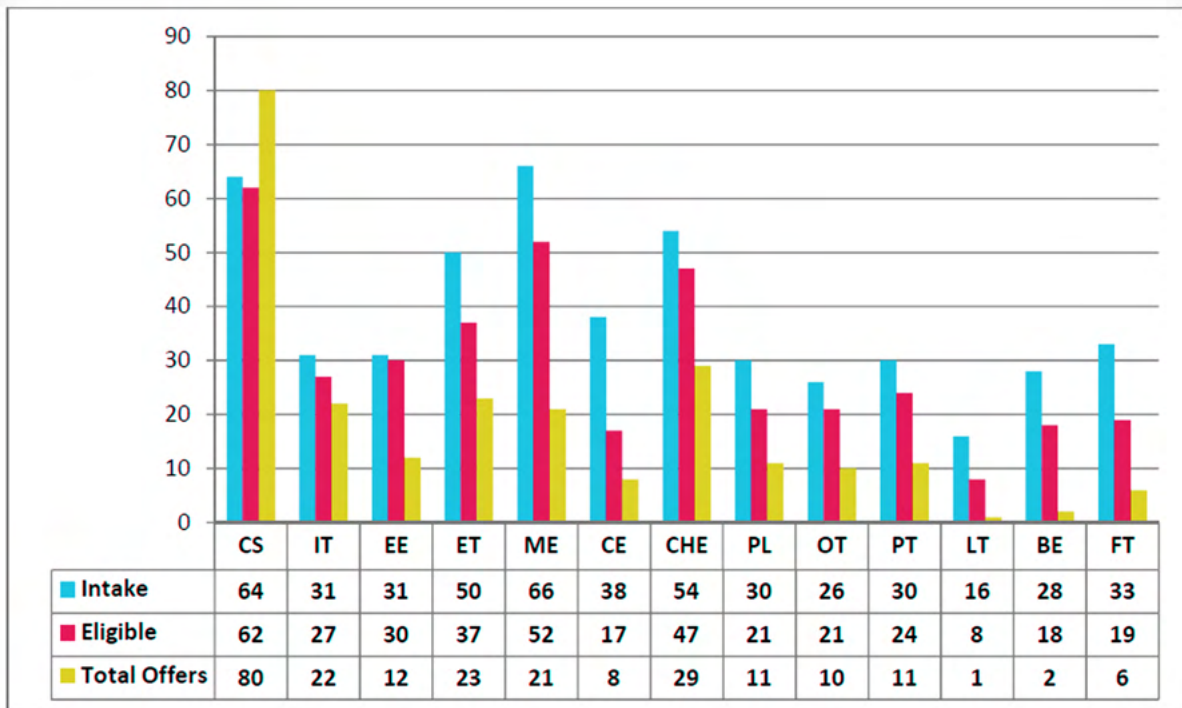
Managing Director, SIKA INDIA
| Former Managing Director,
Sherwin-Williams



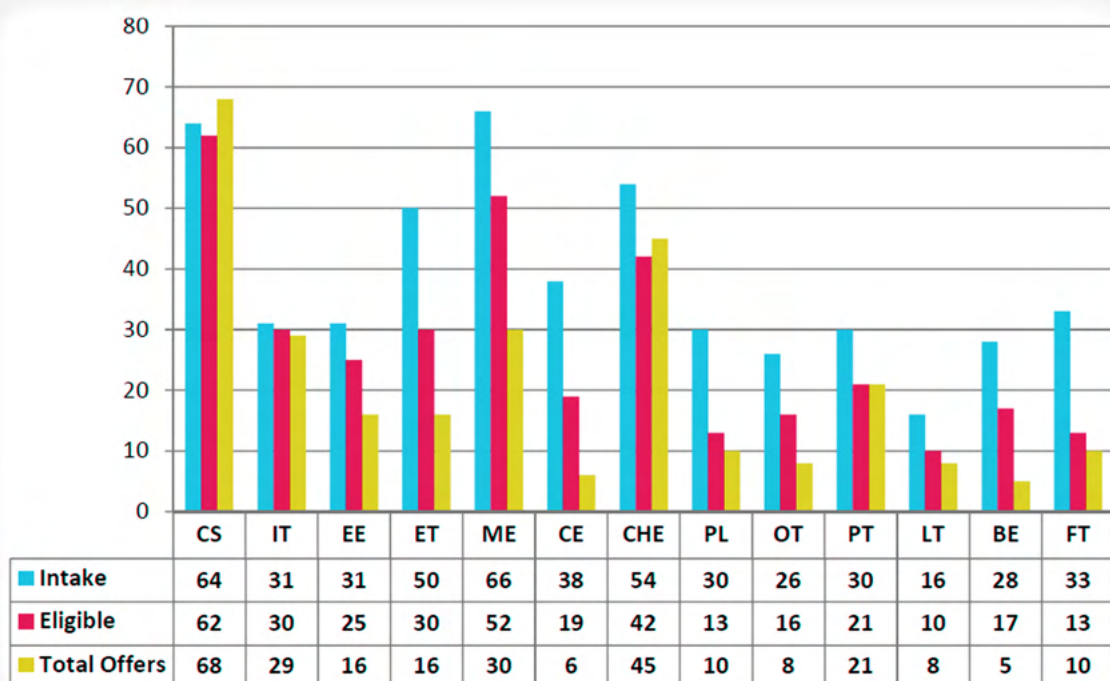
DEMOGRAPH



Branch-wise placement status for 2020-2021 batch



Branch-wise placement status for 2019-2020 batch



PATH TO PERFECTION



Google Summer of Code

5 students from HBTU got selected in Google Summer of Code a global program focused on bringing more student developers into open source software development. Students work with an open source organization on a 10 week programming project during their break from school.



SMART INDIA HACKATHON 2020

SIH saw two of our college's teams in the India finals where both the teams presented projects securing the winner and the runners up position. Smart India Hackathon is a nationwide 36-hour Hackathon organized by the MHRD, Govt. of India. It is the World's Biggest Hackathon having reached out to over 10 Lakh+ students across 7218+ institutes in India.



2 students from HBTU won the regional round at 'The Business Quiz' which seeks to bring together the best young minds in India to take on the heat of the toughest business quiz in India. Youth is a key audience cluster which the Tata Group is focusing its communication at and Tata Crucible is one of the key initiatives towards this



3 students from HBTU won the zonal rounds of SBI Numero YONO quiz meant for college students pursuing their Undergraduate (UG) or Postgraduate (PG) courses. It is one of the most prestigious quizzes in India at UG/PG level.



One of the selected teams from India in Hack Zurich 2020 was a team of students from HBTU where they succeeded in ending up in the top 30 teams out of a total of 400 teams selected from all over the world. It is Europe's largest conducted hackathon which comes under the worldwide Organisation Major League Hackathon.



One student from HBTU emerged as a national winner, while another student won the zonal round.



One team from HBTU emerged as top 3 in GRiD Flipkart's Flagship Engineering Campus Challenge which provides the opportunity to apply technical knowledge and skills, to compete and complete key challenges.

PAST RECRUITERS

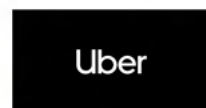
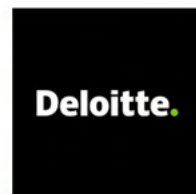


PAST RECRUITERS



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PAST RECRUITERS





PLACEMENT BROCHURE 2021-22

HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR

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