



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर – 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in



7.3 Institutional Distinctiveness

University offers distinctive study programs with its priority and thrust in imparting high quality education in Chemical Technology branches.

Harcourt Butler Technical University (HBTU), Kanpur erstwhile Harcourt Butler Technical Institute (HBTI), Kanpur is a distinct institute which is renowned and oldest in Uttar Pradesh established in 1921 to promote high quality technical education in United Provinces by Governor of United Provinces. This is the only institute of India having priority and thrust in imparting technical education to sixteen branches including **Chemical Technology branches namely Oil Technology, Chemical Engineering, Plastic Technology, Paint Technology, Food Technology, Bio-chemical Engineering and Leather Technology**. It is unique in the sense that no other institute in India is delivering all these programmes. HBTU, Kanpur is well respected nationally and globally for high quality education in Chemical Technology branches.

The contribution of HBTU, Kanpur in the areas of these specialized Chemical Technology programmes are: -

- The School of Chemical Technology (SoCT) produced more than 15,000 graduates in these niche programmes which caters to the industry and top level management human resource demands both at national and international level
- SoCT has provided top notch researchers and academicians who have earned Ph.D. degrees in these rare branches and are contributing in novel research outcomes and technologies which is helpful in strong nation building
- Since inception, SoCT has worked largely on projects/ technologies based on industrial/ social problems and has given optimized solutions
- These niche branches including Paint Technology, Oil Technology, Plastic Technology, Food Technology etc. encouraged in the creation of an ecosystem for establishment of small scale industries and inculcating a feeling among technocrats to be job providers rather than job seekers
- A large number of pass-outs from SoCT are at apex positions in various organizations and industries throughout the nation as well as entire globe

Presently, SoCT is offering undergraduate and post graduate programmes in seven branches including Chemical Engineering. The highlights of these branches are as follows:-

Oil Technology: The Department of Oil Technology is the oldest department of HBTU (Formerly HBTI) Kanpur. The Department of Oil Technology was established in the year 1921 (then HBTI) and around 1200 graduates & 50 Ph.Ds. have been produced till date. The department maintains a close liaison with other National and International institutions and industries, and has accomplished several research and development projects in collaboration with them.

Some of the notable Alumni of the department in various sectors are as follows:

1. Mr. Dinesh Sahara, MD, M/s Ruchi Soya Industries, Mumbai



2. Mr. D. Mathur, MD, M/s FareLabs, Gurugram
3. Mr. Javed Hussian, MD, M/s MuezHest, Mumbai
4. Mr. Ashwani Sharma, MD, M/s Pegasus Technologies, New Delhi
5. Prof. Shishir Sinha, Director General, CIPET



Chemical Engineering: The Department has built up a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research. Constant efforts are being made to maintain and enhance the high standards of this department to be ranked always as one of the best in India. Chemical Engineering department was established in the year 1954 (then HBTI). The Department strives to provide its students with facilities and environment that are conducive for creative and dynamic work.

Some of the notable Alumni of the department in various sectors are as follows:

1. Prof. K. K. Pant, Director IIT Roorkee
2. Shri Rajendra Kumar Jalan Vice Chairman-Council for Leather Exports
Director M/s. AFPL Global Pvt. Ltd
3. Prof. S K Awasthi, Ex. Director, BIET, Jhansi & HBTI
4. Prof. P.K. Bhattacharya, Ex. Director, Rajiv Gandhi Institute of Petroleum Technology



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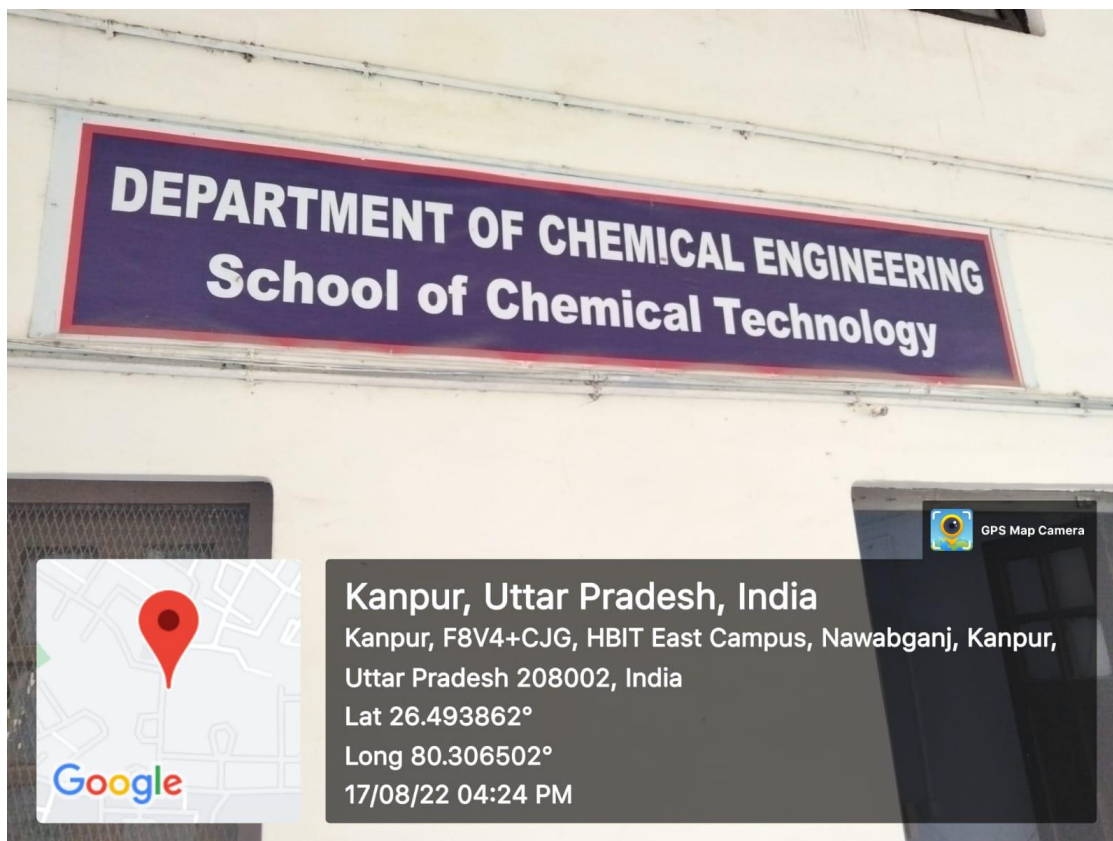
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100 YEARS
1921 - 2021

5. Prof. K. D. P. Nigam, Professor, IIT Delhi



Plastic Technology: The Department of Plastic Technology was established in the year 1964 (then HBTI) and around 500 graduates & 75 Ph.Ds. have been produced till date. The department has built up a comprehensive research infrastructure with state-of-the-art facilities for carrying cutting-edge teaching and research. The Department strives to provide its students with facilities and environment that are conducive for creative and dynamic work.

Some of the notable Alumni of the department in various sectors are as follows:

1. Dr. Pradeep Agarwal CEO and Managing Director at Ark Golden India Pvt. Ltd., Vadodara, Gujarat, India
2. Sarvesh Gupta, Director at Inno Color & Compounds Pvt. Ltd., Noida, Uttar Pradesh, India



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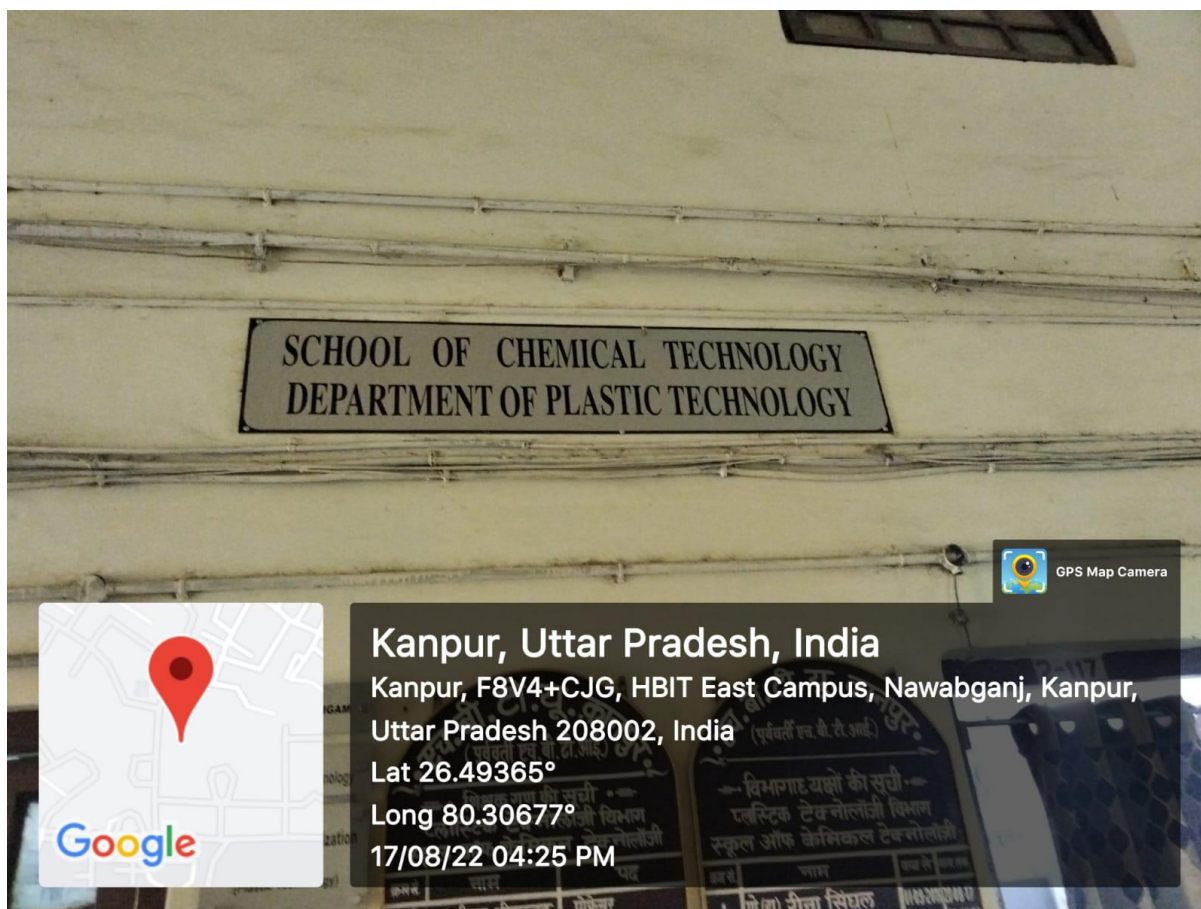
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Paint Technology: The formal Chemical Technology-Paint Technology degree education in India was started during 1964. The Paint Technology Department remained joined with Oil Technology Department for a very long time. The twin department used to be known as Oil and Paint Technology Department. After the status of university, the new Department Chemical technology – Paint Technology was formed on 9th January 2017.

Some of the notable Alumni of the department in various sectors are as follows:

1. Mr. G.B.Singh, MD, Anupam Chemical Industries Pvt. Ltd. Mumbai
2. Dr. Shubhash Chandra Srivastava, MD, K-TECH (INDIA) LIMITED and President-PACT
3. Mr. Rajeev Goel, VP-Asian Paints Ltd.
4. Er. Shilendra Kumar, Dy. Director, DRDO Kanpur
5. Mr. Gunendra Pal Singh, MD, Sika Indian Ltd.



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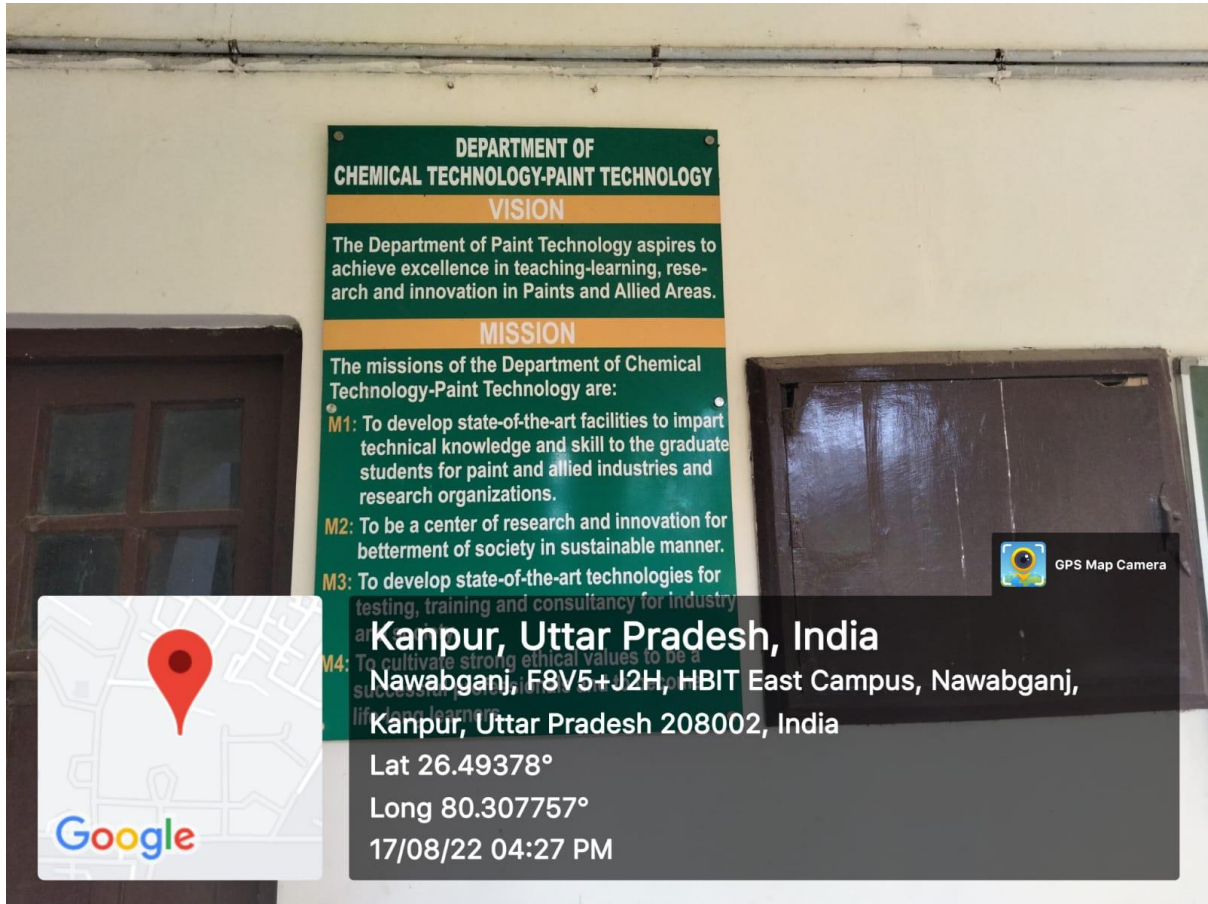
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Food Technology: The department of food technology was established in year 1964 (then HBTI). Department has well equipped laboratories with modern facilities to meet out the necessities of students of department. Association of Food Scientists and Technologists (India) Kanpur chapter is also working in the Department. The Department has well established labs and equipped with decent number of laboratories equipments.

Some of the notable Alumni of the department in various sectors are as follows:

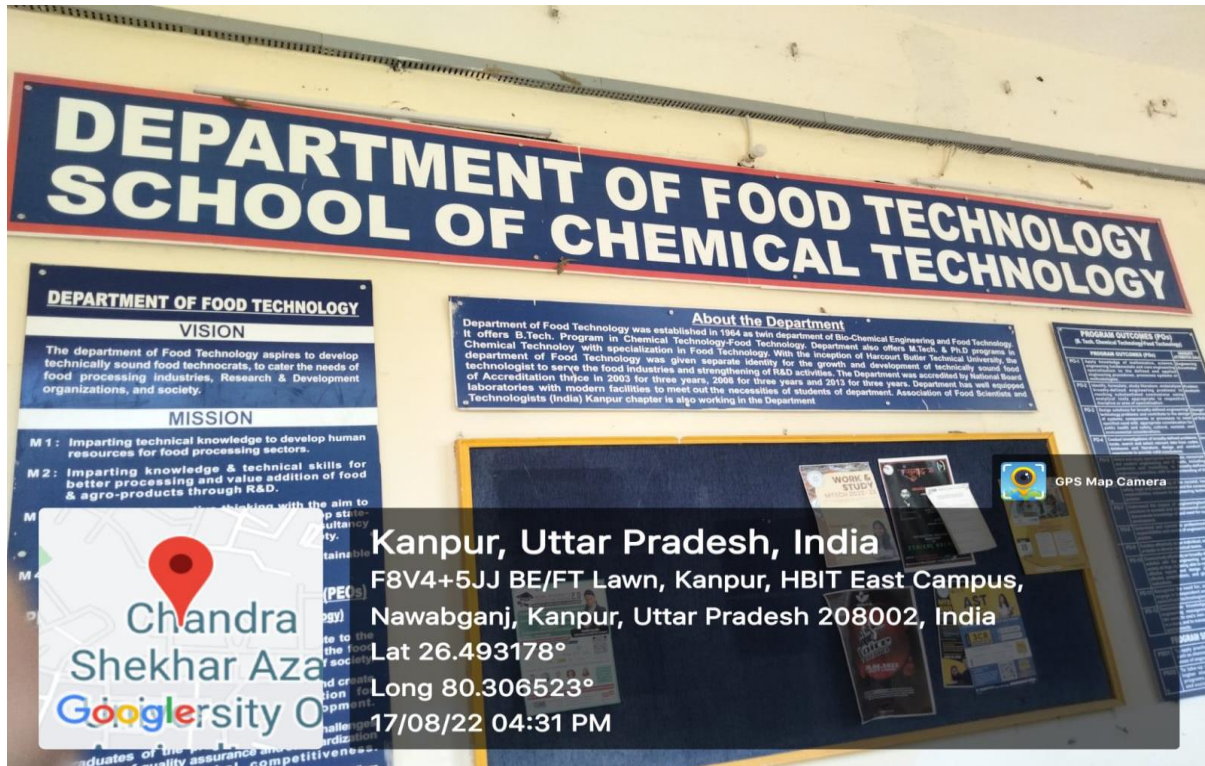
1. Mr. P.K. Srivastava, Amul Dairy, Deputy Manager
2. Mr. Alok Mani Misra, Banas Dairy (AMUL), Lucknow, Project Site Incharge Varanasi Dairy Plant
3. Mr. Ashish Verma, Cargill India Pvt LTD, National Head Pharma
4. Mr. Navin Singhal, De-United Foods, Nigeria, Factory Manager
5. Mrs. Nrusimha Charan Panda, DR. Oetker India Pvt. Ltd., Vice President-Sales & Logistics



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Bio-chemical Engineering: The department of Biochemical Engineering came in to 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 has been granted various projects with financial assistance approved by reputed organizations for example CST, DBT, and World Bank. (TEQIP –I, TEQIP-II and TEQIP-III).

Some of the notable Alumni of the department in various sectors are as follows:

1. Dr. Raj Sachdev, Scientist & Cofounder IMMUGENE USA
2. Mr. A.V.N. Swami, Emeritus Professor & Head J.N.T.U, Hyderabad
3. Dr. Aroop Kumar Dutta, Director, ExCel Matrix Biological Devices P Ltd. Hyderabad
4. Prof. (Dr.) Shubhash Chand, Formerly Prof. & Head BEBT Deptt. IIT Delhi
5. Mr. A.K. Jain, CEE UP Pollution Board Director BBD, Lucknow



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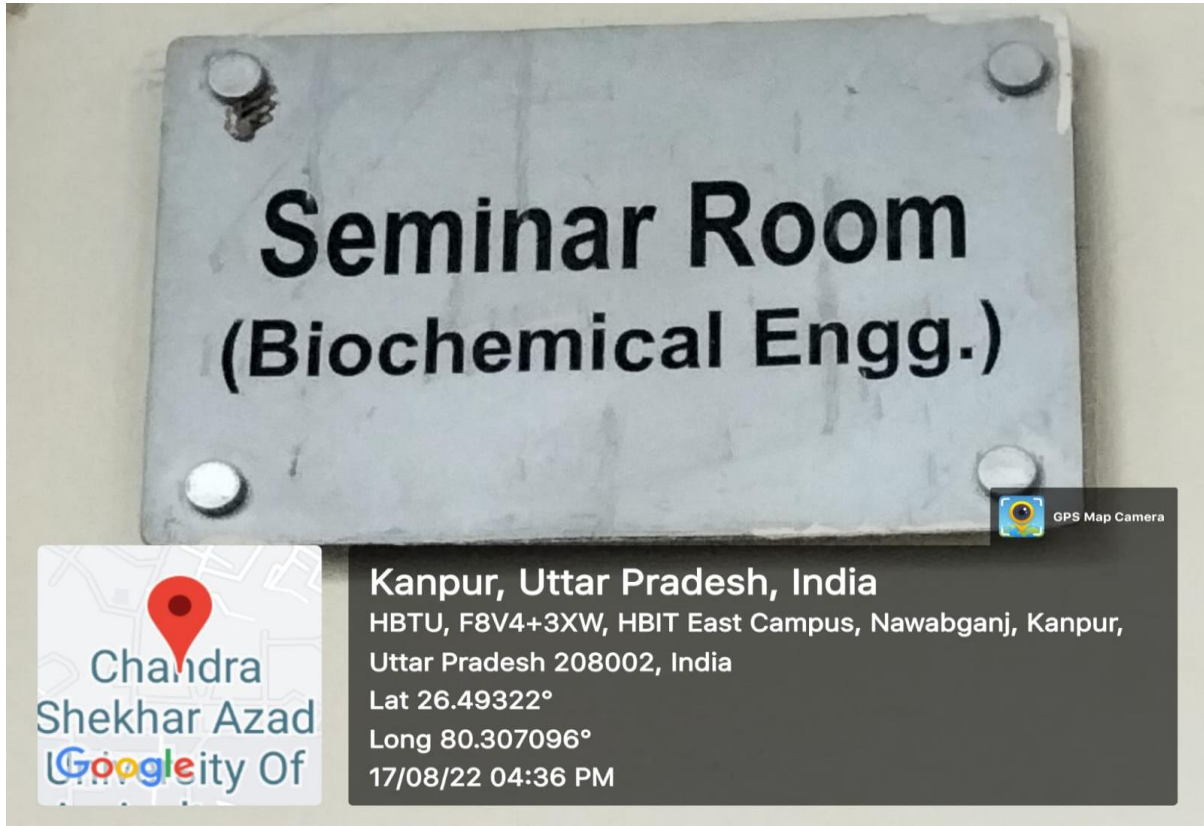
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Leather Technology: Department of Leather Technology at HBTU aims at being a leader of innovation in the area of Leather to produce quality technologists of world standards to deliver the benefits of the developed technologies to the people. Kanpur is the only place in Northern India imparting Under Graduate courses in Leather Technology. The department was established in the year 1978 (then HBTI). Also, every year the final year topper receives Gold Medal from **Indian Leather Technologist Association, Kolkata.**

Some of the notable Alumni of the department in various sectors are as follows:

1. Dr. Sanjeev Kumar Gupta, CLRI, CSIR
2. Mr S. K. Misra, CLRI, CSIR
3. Mr. Narendra Singh, CLRI, CSIR
4. Mr. Alok Agarwal, Leer Cooperation
5. Mr. A. K. Rai, Prachi Leathers



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Industry Interaction & Placements: Following are the details of the companies visiting various departments of Chemical Technology for placements and other activities every year.

Sl. No.	Company Name
1	DCM
2	EXXON
3	SRF
4	FLIPKART
5	EVALUESERVE
6	VERROC GROUP
7	KRIBHCO
8	JUBILANT INGRAVIA
9	INFOSYS
10	UNITED BRAWERIES
11	RELIANCE
12	PI INDUSTRIES
13	AARTI INDUSTRIES
14	SAMSUNG ENGINEERING



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15	SUEZ WATER TECHNOLOGIES(PPO)
16	EXXONMOBIL (PPO)
17	TCS NINJA
18	HUL
19	ZS ASSOCIATES
20	DCM SHRIRAM, BHARUCH
21	EXXONMOBIL
22	COGNIZANT
23	EVALUESERVE
24	YARA FERTILIZERS
25	MARUTI SUZUKI INDIA LTD.
26	GAIL
27	JK PAPER
28	ASIAN PAINTS
29	INDIGO PAINTS
30	ADITYA BIRLA GROUP
31	CENTURY PULP AND PAPER
32	BHARAT OMAN REFINERIES LTD(BORL)
33	JSW PAINTS
34	RELY PAINTS
35	ORIENTAL CARBON & CHEMICALS LTD.
36	TECHNIP FMC
37	VA TECH WABAG
38	JOHNSON MATTHEY
39	BERGER PAINTS (TSOT)
40	BIRLA CARBON
41	COROMANDEL INTERNATIONAL LTD
42	KBR POLYCHEM
43	SRF
44	HINDALCO INDUSTRIES
45	THERMAX LTD
46	BORL
47	TATA LEATHERS
48	CHAMBAL FERTILISERS
49	EMAMI AGROTECH
50	CREMICA FOOD INDUSTRIES LTD
51	B.L. AGRO OILS LTD.



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52	MOTHER DAIRY FRUIT & VEGETABLE PVT LTD
53	GUJARAT FLUOROCHEMICALS LIMITED
54	BHARAT ELECTRONICS LIMITED
55	BHARAT PETROLEUM CORPORATION LIMITED
56	FARELABS
57	JSW PAINTS
58	BL AGRO
59	PRACHI LEATHER
60	ADANI WILMAR
61	SHALIMAR PAINTS
62	HEXAGON NUTRITION
63	ITC

Comparison of Chemical Technology branches in India/Abroad:

HBTU is one of the oldest reputed institutes in the country having seven Chemical Technology branches together.

India	Abroad
<ol style="list-style-type: none">1. In India we compare with Institute of Chemical Technology Mumbai, which has five Chemical Technology branches.2. MIT-WPU Pune has three Chemical Technology branches together. <p>No other institute in India having seven branches together.</p>	<ol style="list-style-type: none">1. Outside India, we can compare with Imperial College London, UK which has five Chemical Technology branches together.2. Also, University of Delaware, US, has three Chemical Technology branches together.

Outcomes of Chemical Technology branches

Chemical Technology branches of HBTU, Kanpur, are highly regarded both domestically and internationally. Chemical Technology branches have produced a number of renowned engineers which are not only working at very senior positions in different organizations but also providing employment to others by establishing their own companies. Following are some notable alumni in this regard:



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S. No.	Name	Branch	Organization/Company	Capacity	Turn over
1.	Mr. Dinesh Sahara	Oil Technology	Ruchi Soya Industries Ltd.	1812	234 Cr.
2.	Mr D Mathur	Oil Technology	Fare Labs Private Ltd.	182	100 Cr.
3.	Mr. Krishan Gopal Agrawal	Chemical Technology	Emkay Techno Chem	20-25	15 Cr.
4.	Mr. Rajat Mehra	Chemical Technology	Rajat chemical industry	10-15	5 Cr.
5.	Mr. Sarvesh Kumar Gupta	Plastic Technology	Inno Color and Compounds Pvt. Ltd.	15-20	6 Cr.
6.	Dr. Pradeep Agarwal	Plastic Technology	ARK Golden India Pvt. Ltd.	30-35	50 Cr
7.	Mr. Saurabh Gupta	Paint Technology	A R Thermosets Pvt. Ltd.	250-300	650 Cr.
8.	Dr. S. C. Srivastava	Paint Technology	MD, K.Tech. India Pvt. Ltd.	150-200	300 Cr.
9.	Mr. Rajnish Dikshit	Food Technology	Palmy Food Products Private Ltd.	250-300	100 Cr.
10.	Mr. Arun Dadda	Food Technology	Economode Food Equipment India Pvt Ltd.	51-200	74 Lakhs
11.	Mr. S K Singh	Bio-Chemical Technology	Pollucon Technologies Ltd.	11-25	2-5Cr
12.	Mr. Uma Shankar Mishra	Bio-Chemical Technology	Jugh Agrotech Pvt Ltd.	11-25	2 Cr.
13.	Mr. Chandra Prakash Mishra	Leather Technology	Indian Bridle Works Pvt. Ltd., Kanpur	250-300	21.25 Cr
14.	Mr. Pankaj Arora	Leather Technology	Kundan Leather Pvt. Ltd., Agra	30-40	50 lakhs