



उत्तर प्रदेश UTTAR PRADESH

FH 986225

MEMORANDUM OF UNDERSTANDING

between

Harcourt Butler Technical University, Kanpur, Uttar Pradesh

and

**National Institute of Food Technology Entrepreneurship and
Management (NIFTEM), Haryana**

*This Memorandum of Understanding (MoU) entered into and executed on
this10th.....Day of ...Feb.....2020.*

BETWEEN

Harcourt Butler Technical University, Kanpur that came to the existence on September 01, 2016 by the Act of Government of Uttar Pradesh with the aim to make it a leading residential university and to develop it as a Centre of Excellence with focus on Research & Development and Incubation in the field of Engineering, Technology, Basic & Applied Sciences, Humanities, Social Sciences, Management, Architecture and other professional courses.

Erstwhile Harcourt Butler Technological Institute was established in 1920 when the Government of United Provinces started Government Research Institute, Cawnpore. It was subsequently renamed as Government Technological Institute in 1921. Finally, it got its long standing popular name Harcourt Butler Technological Institute (HBTI) in 1926. On March 26, 1965, it was upgraded from a Government Department status to an autonomous Institution. 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). University is spread across two campuses - East Campus (77 acres) and West Campus (271 acres) situated approximately 3.5 kilometers apart. East Campus of the University is located at Nawabganj, Kanpur-208002, Uttar Pradesh, India (hereinafter referred to as "HBTU") represented by its authorized signatory Dr. Neeraj Kumar Singh....., Registrar, HBTU, Kanpur of the **First Part**.

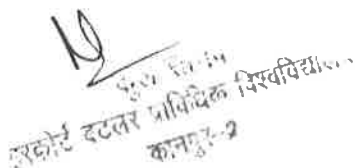
AND

National Institute of Food Technology Entrepreneurship and Management (hereinafter referred to as "NIFTEM"), a deemed to be University under De Novo Category declared by Central Government (H/HRD) under provisions of UGC Act on 05.05.2012 having its office at Plot No. 97, Sector 56, Phase IV & V, HSIIDC Industrial Estate, Kundli, District Sonapat, Haryana represented by its authorized representative,Dr. J.S. Rana, Registrar, NIFTEM..... of the **Second Part**.

Collectively known as Parties and individually as Party.

WHEREAS

Harcourt Butler Technical University (HBTU) has been established with a view for making it a leading Residential University to become a Centre of Excellence with focus on Research and Development and Incubation in the field of Engineering, Technology,


Harcourt Butler Technical University
Kanpur-208002


Registrar
National Institute of Food Technology
Entrepreneurship and Management
Kundli Sonapat - 131028 (Haryana)

Basic & Applied Sciences, Humanities, Social Science & Management and other professional courses. HBTU aims to promote studies, research & innovation in engineering areas of higher education, to enhance skill development through continuing education programmes and to achieve excellence in higher Technical education. On academic front, the University is running Four Schools as School of Chemical Technology, School of Engineering, School of Basic & Applied Sciences and School of Humanities and Social Sciences 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 M.C.A, full time & part time M.Tech. and PhD Programmes in various disciplines as part of Quality Improvement Programme of MHRD and TEQIP-III. Students are being admitted through JEE (Mains) to various B.Tech. programs since 2017. MCA admissions are made through NIMCET. Students for full time regular M Tech programs are inducted on the basis of merit of GATE score while part time students are selected through Written Test. PhD seats are filled through Written Test followed by Interview as per the guidelines of UGC. In view of the emerging need of the time, the University is planning to start number of programmes at undergraduate and post graduate levels 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 excellent communication skills, proper attitudes, aptitudes, problem solving capabilities and to work as a team.

Department of Food Technology, HBTU was set as a separate department under the aegis of School of chemical Technology after upgradation of HBTI as HBTU in September 2016. Previously, it was called as Biochemical Engineering and Food Technology Department. Being one of the oldest departments of the university, it aims to produce man power with high quality scientific skills, broad understanding of fundamentals and innovations in the field of Food Science & Technology, immense knowledge in the 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 the multidisciplinary groups. The department is offering four year B. Tech. and Two year M. Tech. programs in Food Technology along with a regular and Part time Ph. D. program to support the students to develop skills, Knowledge in their respective fields according to the present and future need 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. The faculty has extensively contributed to their respective fields by writing books and publishing and presenting good number of research papers in national and international journals and conferences of

repute. The infrastructure and laboratory facilities are top-notch possessing equipments which are used to provide research oriented work at par under one roof. The department has organized a number of National and International seminars, workshops and Short term courses.

Whereas, NIFTEM, is the Institute in India, set up under the aegis of the Ministry of Food Processing and Industries was founded 2006 in Kundli, Haryana. The institute develops technologies to reduce postharvest losses, develop value added food products, convenience foods, increase food product export, find new sources of novel food products, integrate human resources in food industries, reduce costs, and modernize novel Food technologies. NIFTEM is also engaged in research in the production and handling of grains, Pulses, oilseeds, spices, fruits, vegetables, meat, fish, and poultry.

Department of Food Science and Technology, NIFTEM aims of promoting innovation in food sector and catalyzing the growth of food processing industry in India in global context. Apart from imparting world - class education in the field of food science and technology, the department has research programmes in frontline areas of Food Science and Technology. The department is also involved in skill development of the farmers and industry personnel.

And Whereas, both parties viz HBTU, Kanpur and NIFTEM, Haryana realize that in the current context, working together is important to promote novel Food Technology and Post-harvest technologies including food processing, using facilities and expertise at both the organizations. Therefore, both parties are agreeable to enter into a MoU for working and cooperating with each other and using their respective expertise, knowledge and resources.

Article I: Principle of Cooperation

Department of Food Technology, HBTU & Department of Food Science & Technology, NIFTEM agree to develop their research and academic links especially in the fields Food Technology and Engineering, nutrition, microbiology, sensory science, and food safety under the principles of mutual understanding, common interest and mutually complementary activities:

1. To promote institutional and individual contacts among scholars, students and personnel of both the institutions.
2. To provide opportunities for both faculty, scientists, staff and students to make optimal use of the expertise and facilities available in both the organizations through Collaborative research, academic interface, training of faculty/students/staff and through exchange of thoughts and ideas by brain storming sessions/seminars/workshops and meetings etc.

3. Undertake collaborative research projects of common interest i.e. increase efficiency and reduce postharvest losses and develop value added products for helping farmers, women self-help groups and NGO's etc.
4. To work jointly for the common research interest at national and international levels.
5. To support the exchange of academic, research and training material and commercialization of food technologies.
6. To encourage any other activities that both the institutions agreed upon for mutual benefits.
7. There is No financial obligations on any of the parties.

Article II: Areas of Cooperation

1. Bachelor's/Master's/PhD students working at Department of Food Technology Harcourt Butler Technical University will be allowed to carry out a part of their research work in Department of Food Science & Technology, NIFTEM institutes/centres and **vice-versa** depending upon requirements.
2. Faculty of Department of Food Science & Technology, NIFTEM may deliver lectures in areas of their specialization to students of Department of Food Technology, Harcourt Butler Technical University as Visiting Faculty on days and timings pre-arranged on mutual consent and vice versa.
3. Department of Food Science & Technology, NIFTEM will provide regular short-term project training to the students of Department of Food Technology, Harcourt Butler Technical University in their areas of specialization and vice versa.
4. Faculty/Researchers from Department of Food Technology, HBTU and Department of Food Science & Technology, NIFTEM will be benefitted of the facilities/infrastructure resources and vice-versa depending upon requirements.
5. Department of Food Technology, HBTU and Department of Food Science & Technology, NIFTEM will take up relevant field operation research, developed by NIFTEM/HBTU appropriate to different agro-climatic conditions, with each other based on mutual consent.
6. Extension and outreach programmes to be jointly organised for taking food processing technologies to people even in villages, remote areas and for weaker section.

Article III. Duration and Termination of the MoU

1. This MoU is effective as of the date of signatures by the Authorities of NIFTEM, Haryana and Harcourt Butler Technical University, Kanpur.

2. This MoU is valid from the Date of execution by the Parties and shall remain in effect initially for FIVE YEARS, and thereafter can be renewed with mutual consent.
3. This MoU may be amended at any time by written mutual consent.
4. This MoU can be terminated by either party by provision of written notice of termination however; no termination should adversely interrupt or impair a program or course of study or its participants, commenced prior to such termination.
5. The parties will use their best efforts to settle all matters in dispute amicably. All disputes and differences of any kind related to this MoU shall be jointly settled between NIFTEM and HBTU.

Article IV- Miscellaneous

1. If any provision of this Memorandum is held by any court or other competent authority to be illegal, void or enforceable in whole or in part, this Memorandum shall continue to be valid as to the other provisions therefore and the remainder of the effected provision.
2. Nothing in this MoU constitutes or to be construed a party as the partner, agent employee or representative of the other party. A party must not act independently of the other Party and does not have the right or power to commit the other Party on any matter or incur any obligation on behalf of or pledge the credit of the other Party without the prior written approval of the other Party.
3. The parties agree to comply with all laws applicable within the jurisdiction of the signatories below.
4. Data generated through such collaborative research will be published in scientific journals jointly.
5. Both parties shall respect the confidentiality and intellectual ownership of information shared between them for academic co-operation. Any new IP generated by collaborative research shall be jointly owned by both the parties.
6. Financial obligations in carrying out in conducting any programme under this MoU will be decided mutually on case-to-case basis by a separate written agreement.






National Institute of Food Technology
Entrepreneurship and Innovation
Kodali Sonapat - 221025 (Muzaffarpur)

IN WITNESS whereof the parties hereto have executed this MoU or caused it to be executed in their names and on their behalf by their duly authorized representatives on the date mentioned at the first place.



(Dr. Neeraj Kumar Singh)
Harcourt Butler Technical University,
Nawabganj, Kanpur-208002, Uttar Pradesh
India.




National Institute of Food Technology
Entrepreneurship and Management
Kundli Sonapat - 131028 (Haryana)

(Dr. J.S. Rana)
National Institute of Food Technology
Entrepreneurship and Management (NIFTEM),
Kundli, Haryana-131028, India.

In the Presence of

1. Ashutosh Upadhyay 10-02-2020
2. Anit Kumar
3. Alak Kr Singh 10/2/2020
4. Ajit Kumar Singh



कुल सचिव
इंफॉर्मेशन टेक्नोलॉजी विभाग
कानपुर-२