

Memorandum of Understanding between
Indian Institute of Technology Patna
and
Harcourt Butler Technical University Kanpur

In the spirit of intellectual cooperation scholarly exchange, and the development of national partnership with leading institutions, **Indian Institute of Technology Patna (IITP)**, Bihta Kanpa Road, Patna, Bihar, as the first part and **Harcourt Butler Technical University (HBTU)**, Nawabganj, Kanpur, Uttar Pradesh, of the second part.

Both the parties agree to establish a program of exchange and collaboration on related matters of mutual interest that may emerge over time.

1. The purposes of the cooperation are to promote cooperative research and to facilitate the exchange of ideas, the development of new knowledge, and to enhance high quality research acumen. The major thrust of the research on which the parties will cooperate is **organic chemistry synthesis, medicinal chemistry, nanotechnology, environmental chemistry, drug discovery, drug delivery, regenerative medicine, disease models for cancers etc., polymer chemistry, catalysis, engineering etc.**
2. IIT Patna and HBTU Kanpur have agreed to:
 - a. initiate collaboration between faculty members in either Institute/University such that students/research scholars in either Institute get an opportunity to conduct research in advanced thrust areas in science and technology.
 - b. facilitate researchers (affiliated to either Institute/University) to collect data and conduct of experiments on various available equipment in either Institute/University on chargeable basis or concessional rates and as per the rules/regulation of the respective Institute/University.
 - c. facilitate access to library facilities such as subscribed journals and databases to collaborating researchers.
 - d. exchange faculty members/students and staff in collaborative research projects on areas of above mentioned research expertise.



Ann

- e. facilitate visit of students (undergraduate and post graduate B.Tech/M.Sc./M.Tech) as part of curriculum for executing project/dissertation/internships for short-term (up to 6 months) or long term (up to one year) training and research exposure as per guidelines of host institutes.
 - f. permit visit of faculty members on sabbatical to either Institute as per Institute/University rules.
 - g. jointly publish research results generated out of collaborative research between scientists/faculty members involving both HBTU Kanpur and IIT Patna.
 - h. share knowledge by guest lectures/expert lecture (from Institute/University) on the courses under curriculum without prejudice to the work/responsibilities of guest lecturer (Faculty).
 - i. draft and submit joint proposals in areas of mutual research interests to national and international funding agencies and industry partners.
 - j. apply for bilateral programmes on areas of expertise as mentioned above, as per the norms of respective Institute/University.
 - k. jointly conduct of societal relevant scientific programmes.
 - l. conduct Faculty Development Programmes (FDPs), National or International Conferences/Seminars/Symposium/Workshops etc., Skill development programs, certification courses, and training programs. Faculty members may be resource persons in such events without prejudice to the work/responsibilities in their respective Institute/University.
 - m. enter into separate agreements on case-to-case basis w.r.t joint projects taken up both Institute/University within the tenure of this MoU.
 - n. include other fields of study (not mentioned above) within the duration of this MoU by mutual written agreement between the two Institute/University.
 - o. include any other forth coming areas of mutual interests that are not included in the purview of this MoU through a separate agreement.
3. Prior to the initiation of any particular project or activity, the specific terms of cooperation and exchange for that project will be discussed and agreed upon in writing by the appropriate responsible representatives of both Institute/University.
 4. Both parties understand that all financial arrangements for specific exchange activities must be mutually agreed upon and will depend on the availability of funds. In addition, the scope of the activities will be subject to funds available at the institutions for the type of collaboration undertaken and any financial assistance that may be obtained by either from external sources. Both parties also agree to assist each other in correspondence with funding agencies as the case may be, to seek funds for the joint research programs or activities under this collaboration.
 5. Either party may propose to the other specific individual research projects for collaboration. Such proposal may be made at any time and the parties will develop an agreement for each agreed-upon project **on case to case basis**. The protection and exploitation of any **intellectual property** arising



AWK

out of a research project will be addressed in each individual project agreement early on and ongoingly.

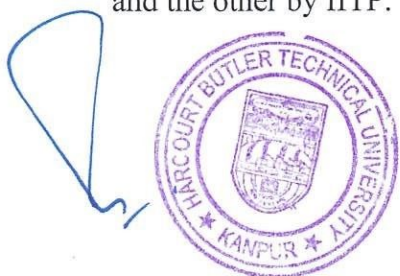
6. Day to day implementation of this Agreement will be coordinated by **Dr. Neeladri Das** of Indian Institute of Technology, Patna and **Dr. Santosh Kumar**, Associate Professor, Department of Chemistry, at HBTU Kanpur.
7. Each institution agrees to release and hold the other harmless from and against any claims, damages, liability or costs, to the extent such claims damages, liability or costs arise from the negligent or willful acts or omission of the other university or any of its agents or employees in connection with their respective performance under this MOU.
8. The parties agree that in the course of implementing this MOU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin or disability.
9. Amendments to this MOU may be made at any time after consultation and agreement between the two institutions. Any such amendment must be in writing and signed by both parties.
10. This MOU will remain in force for a period of **five years** from the date it is fully executed. The MOU can also be suitably modified, as agreed to by both the parties, to reflect an increased scope, nature of engagement/activities including financial commitments, if any. Prior to the **expiration date**, the MOU may be reviewed for possible renewal for a further **three year's** period. In addition, either party may terminate the MOU in advance of its normal **expiration** by providing the other with six months' prior written notice. In this case, persons already approved as exchange participants will be allowed to complete their exchange visits under the conditions specified at the time of their invitation to the host institution.

11. Arbitration:

Except as hereinbefore provided, any dispute arising out of this MOU, the same shall be referred to the arbitration of two arbitrators one to be appointed by each party to the dispute, and in case of difference of opinion between them to an umpire appointed by the said two arbitrators before entering on the reference, and the decision of such arbitrators or umpire as the case may be shall be final and binding on both. The venue of arbitration shall be such place as may be fixed by such arbitrators or umpire, and the arbitration proceedings shall take place under the Indian Arbitration Act, 1940 as modified in 1996.

In the event of any dispute the jurisdiction for the resolution shall be court of Law, Kanpur Nagar (U.P)


This MOU has been executed in two originals; one of these has been retained by HBTU Kanpur and the other by IITP.



IN WITNESS WHERE OF the parties hereunto have set their hands to these presents on the day, month and year first above mentioned.

SO AGREED:


For and on behalf of
HBTU, Kanpur

Signature 
Registrar *30:04-2024*
Designation **REGISTRAR**
Harcourt Butler Technical University
KANPUR-208002

Seal

Witnesses (Name & Address)

1. 
(G. L. DEVIANI)
DEAN, SOCT

2. 
(PROF. VANDANA DIXIT
KAUSHIK)
DEAN, C&IQA

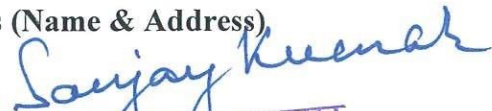
Date:

For and on behalf of
Indian Institute of Technology Patna

Signature 
Associate Dean (R&D)
Designation **ASSOCIATE DEAN, R&D**
INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA-801106, BIHAR, INDIA

Seal

Witnesses (Name & Address)

1. 
संजय कुमार
Sanjay Kumar
उप कुलसचिव
Deputy Registrar
भारतीय प्रौद्योगिकी संस्थान पटना, विहार, पटना-801106
IIT Patna, Bihta, Patna-801106

2.

Date: