

MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
AND
HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR
(Formerly Harcourt Butler Technological Institute, Kanpur)

FOR IMPLEMENTATION OF SCHEME NATIONAL INITIATIVE FOR SETTING
UP OF DESIGN INNOVATION CENTRES

THIS MEMORANDUM OF UNDERSTANDING is made on this 4 day of Jan 17 2016 between Prof. Indranil Mannathe Director, Indian Institute of Technology Kanpur (hereinafter called the 'THE FIRST PARTY') and Dr. P.K. Kamani, Professor, Paint Technology (Harcourt Butler Technical University, Kanpur) on behalf of Vice Chancellor, Harcourt Butler Technical University, Kanpur (hereinafter called the 'THE SECOND PARTY').

WHEREAS it has been the concern of the Government of India to establish Design Innovation Centres to promote a culture of innovation and creative problem solving, to promote knowledge sharing and to enhance interdisciplinary design-focused education, research & entrepreneurial activities.

AND WHEREAS in pursuance of this concern, the Project objectives are:

- To promote a culture of innovation and creative problem solving.
- To serve as a place that imparts design based education and practice systematic design through projects.
- To facilitate interdisciplinary design-focused education, research and entrepreneurial activities in order to create commercial opportunities and build partnership between academics and industry.
- To promote, nurture and advance the culture of design and innovation in the country leading to significant contributions and breakthroughs impacting quality of human life.
 - To create an ecosystem facilitating students and faculty to make their innovative ideas from classrooms/labs to market/people.
 - To promote innovations which are both inclusive and disruptive.
- To promote all forms of innovation in the complete value chain from process to product, including innovation as a discipline itself.

Indranil Mannathe

AND WHEREAS First Party has entered into as MoU with MHRD for implementing the scheme.

AND WHEREAS a 'Hub & Spoke' model will be followed with the First Party acting as the Hub to synergize and leverage the potential of the Second Party acting as the Spoke.

AND WHEREAS the parties together will be referred to as the "DIC-Spoke Centres".

In view of the same, the Parties agree as follows:

SECTION A:

As conditions for participation the 'THE SCHEME', the Design Innovation Centre set up by the Second Party agrees to:

- Focus on product design, industrial design, process design or system design with the outcomes aligned to the needs of the society as stated in the submitted proposal to MHRD by the First Party.
- Hold at least four workshops on design & innovation education from Science & Technology to Liberal Arts. These workshops would be different from those offered by individual departments and would be multi-disciplinary and participatory in nature.
- Work with full functional, financial and administrative autonomy within the framework of the existing institutions.
- Implement all academic and non-academic reforms as committed under the Scheme.
- Comply with the terms and conditions for the release of first and subsequent Grants by 'THE FIRST PARTY' as described at Section C.
- Submit to 'THE FIRST PARTY' all reports and documents relating to progress of the Scheme, Accounts, Audit, Procurement, Disbursement and Annual Work Plan, at the end of each year and / or at such frequency as may be required by 'THE FIRST PARTY'.
- Maintain a separate Account and record of the Project Grant received from 'THE FIRST PARTY' and render annual Accounts and Utilization Certificates.
- Furnish to 'THE FIRST PARTY' quarterly the Financial Monitoring Reports (FMRs) in the prescribed format in accordance with the procedures.
- Fulfil obligations mentioned in the Project Proposals submitted by the faculty as well as students of the Second Party.

SECTION B:

'THE FIRST PARTY' agrees to:

- Release the Grant as described at Section C.
- Render or arrange to render such technical assistance and guidance as may be needed by 'THE SECOND PARTY', from time to time for an effective and efficient implementation of the Scheme.

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- Supervise the Scheme in the concerned Institutions.
- Select and review the project proposals of the faculty as well as students of the Second Party through Project Review Body (PRB) consisting of design experts.
- Assist or arrange to assist such academic assistance as required in forming a curriculum on design innovation within the Spoke institute.
- Review the findings of audits and maintain the policy reforms and conduct evaluation studies.

SECTION C:

'THE FIRST PARTY' will release funds as mentioned in Annexure A towards the approved scheme of the Institution in instalments on the basis of

1. Fund requirement of the selected project proposals submitted by the faculty and students of the Second party by the 'Project Review Body' set up by the First party and satisfactory progress and performance against eligible activities by the Second Party,
2. Unspent balance lying with the Spoke.
3. Submission of Fund Utilisation Certificates by the Second Party and

The financial as well as academic support is subject to receiving continuous grants for the same from the Ministry of Human Resource Development to meet expenditures to the First Party. The funding of DIC-Spoke Institutions will be limited to XII Five year plan.

SECTION D:

- Each DIC-Spoke Centre will have a Head or Director, who will be leader in the profession. He / She will be an eminent person in the field.
- IIT Kanpur: Prof. Bishakh Bhattacharya
- Spoke: Prof. Krishna Raj, Dean of Incubation Hub, Harcourt Butler Technical University, Kanpur

SECTION E:

The Project implementation schedule:

- The project became effective on 9 Jan 2017 2016.
- The project is expected to proceed at uniform rate over three years, extension and funding can be considered by the FIRST PARTY on the basis of outcome of the DIC and the approval of the same by the Ministry of Human Resource Development.

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Annexure I

Spoke Budget: 2015 to 2018: Year-wise recurring Budget

Budget Head (Spokes)		Amount	Year 1	Year 2	Year 3
Spoke 1					
DIC Faculty Projects (Spokes only) (Salary, consumable, travel and contingency including equipment)	Maximum limit of 20,00,000 for any project All projects above 10,00,000 will be in collaboration with the Hub. (50% of 88,00,000 is recurring)	44,00,000	17,60,000 (40% of 88,00,000 will be released in year 1, of which 50% is recurring.)	26,40,000 (60% of 88,00,000 will be released in year 2, of which 50% is recurring.)	
DIC Student projects All Projects under the mentorship of faculty	Maximum limit of 50,000 for any project	8,00,000	3,20,000	4,80,000	-
Innovation modules for Spokes (students) (Modules to be taken by Hub for the spoke on an innovation topic of mutual benefit)	10,000 x 2 experts x 4 workshops 50,000 product development x 4 workshops	2,80,000 (80,000+2,00,000)		1,40,000	1,40,000
Interns for Spokes (students)	10,000 x 6 interns x 2 months	1,20,000	48,000	72,000	
Total (a)		56,00,000	21,28,000	33,32,000	1,40,000

Spoke Budget: 2015 to 2018: Year-wise Non-Recurring Budget

Budget Head (Spokes)		Amount	Year 1	Year 2	Year 3
Spoke 1					
DIC Faculty Projects (Spokes only) (Salary, consumable, travel and contingency including equipment)	Maximum limit of 20,00,000 for any project All projects above 10,00,000 will be in collaboration with the Hub. (50% of 88,00,000 is recurring)	44,00,000	17,60,000 (40% of 88,00,000 will be released in year 1 of which 50% is recurring.)	26,40,000 (60% of 88,00,000 will be released in year 2, of which 50% is recurring.)	
Total (a)		44,00,000	17,60,000	26,40,000	

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SECTION F:

- The First Party and the Second Party will have the right to continue to utilise the results generated as part of the work carried out under this Project for teaching purposes.
- Any intellectual property (IP) if generated / created in the due course of the project, will be held jointly by both parties, the details of which will be mutually decided on a case basis. Indian Institute of Technology Kanpur agrees to do all procedural work related to filling an IP.

SECTION G:

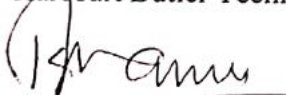
- By this Memorandum of Understanding, both the parties affirm their commitment to carry out the activities and achieve the objectives mutually agreed upon.
- Any dispute between the parties shall always be resolved by mutual consultation without any resort to arbitration or other form of legal remedy including resort to Court of Law.
- This Memorandum of Understanding will continue to be effective up to the closure of the Scheme.
- Adherence to the implementation of the MoU will be monitored annually.
- Amendment to the MoU, if required, shall be carried out in writing duly authenticated and executed by both the parties.

Signed at Indian Institute of Technology Kanpur on ----- this day of ----- 2016.

FOR AND ON BEHALF OF

Vice Chancellor

Harcourt Butler Technical University, Kanpur



(Dr. P.K. Kamani)

Professor, Paint Technology

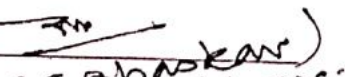
Harcourt Butler Technical University,

Kanpur

Witness 1



(Prof. Krishna Raj)
Dean, Incubation Hub

Witness 2


(J. Bhaskar)
By Registrar

FOR AND ON BEHALF

Director



अधिष्ठाता 4/11/17
DEAN
अनुसंधान एवं विकास
Research & Development
आई० आई० टी० कानपुर
I. I. T. KANPUR

(Prof. Indranil Manna) (Amalendu Chandra)

Indian Institute of Technology

Kanpur

Witness 1


Dr. Bishakh Bhattacharya
Professor
Department of Mechanical Engineering
Indian Institute of Technology
Kanpur-208 016, U.P.

Witness 2