Memorandum of Understanding

For Academic & Technical Tie Up

Between

Haldia Institute of Technology
Haldia, West Bengal

And

Indian Institute of Engineering Science & Technology (IIEST), Shibpur

With effective from 28th June 2021
This Memorandum of Understanding (MoU) is effective as of 28.06.2021 (Effective Date) to establish an affiliation by and between

Indian Institute of Engineering Science & Technology (IIEST), Shibpur, having expertise in the areas of scientific, technological education and research, established as Institute of National Importance (INI), under MHRD, Government of India, through a special act of Parliament, incorporated under the by sub-section (2) of Section 1 of the National Institutes of Technology, Science Education and Research (Amendment) Act, 2014 (9 of 2014), the Central Government hereby appoints the 4th day of March, 2014 having its office at Shibpur, Howrah – 711103, West Bengal, India hereinafter referred to as IIEST, Shibpur, of the FIRST PART,

And

Haldia Institute of Technology, Haldia, West Bengal, a NAAC Accredited Technical Institute with “A” Grade, established in 1996, approved by the AICTE & affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal, governed by the Indian Centre for Advancement of Research and Education, (ICARE), Haldia, having its office at Haldia, Purba Medinipur hereinafter referred to as HIT, of the SECOND PART, for the Academic & Technical Tie Up.

The aforesaid institutions are hereinafter referred to individually as institute and collectively as institutes.
SL. No. .. E87 .. Date .. 23 JUN 2021
Regd No. 11211 .. Registrar IIEST
Address .. Shibpur Howrah - 711103
Vendor Sig. .. TAPAN KUMAR DAS
Alipore Police Court
Kolkata - 700027
(The terms and conditions of such exchange, including number of students, period of exchange, student selection criteria, programme of study, period spent in the host institute, performance evaluation, technical report of the research carried, transfer of credits, accommodation, food, medical insurance, international travel, payment of tuition fees will be specifically mentioned.)

c. Other Areas: (Specify objective of the exchange)

(i) to exchange information on research and educational programs,
(ii) to exchange information on teaching, learning material and other literature relevant to their educational and research programs,
(iii) to jointly organize short-term continuing education programs on topics of mutual interest and to invite each other's faculty to participate therein,
(iv) to organize jointly seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein,
(v) to propose and engage jointly in research or training programs sponsored by funding agencies, and to invite each other's faculty to participate therein,
(vi) to exchange, on a reciprocal basis, students at Undergraduate, Graduate and Doctoral levels for limited periods of time for purpose of education and/or research,
(vii) the provision of cultural and intellectual enrichment opportunities for staff and students of both institutes,
(viii) to use laboratory facilities in specific cases for a limited period,
(ix) to permit students, staff and faculty members to use library facility.

IIEST, SHIBPUR and the HIT, Haldia agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two institutions. These terms shall include a technical description of proposed activity, financial arrangements, and person(s) responsible for its implementation.

2. Coordination:

Each institution shall appoint one member of its teaching/research faculty (permanent faculty member) to coordinate the programme on its behalf. Further, a coordination committee consisting of (a) programme coordinator from the side of IIEST, SHIBPUR, and (b) programme coordinator from the side of the HIT, Haldia will periodically review and identify ways to strengthen cooperation between the two institutions.

3. Confidential Information:
IIEST, SHIBPUR does not absolve any confidential information during the research activity.
4. Intellectual Property Rights:

Ownership of any intellectual property (including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights) developed jointly during the course of this MOU shall be vested in both institutes to this Memorandum.

Both institutes shall have the joint right to determine the commercial exploitation and disposition of such intellectual property, and both institutes shall make joint applications for the registration of the same. Before any registration or commercialisation of any intellectual property takes place, the institutes agree to reach a separate agreement covering issues such as exploitation rights and revenue sharing.

Any publication regarding such intellectual property shall only be possible with the prior written consent of both institutes, such consent not to be unreasonably withheld.

IIEST, SHIBPUR shall be free to use perpetually the results arising out of the collaborating activities for its own internal teaching, research, educational, clinical and publication purposes without the payment of royalties or other fees to the other party.

5. Validity

The Memorandum shall remain in force for a period of three (03) years commencing from effective date. Institutions may extend the term by written agreement signed by both after review.

6. Termination

Either institution may terminate the MoU by giving written notice of three (03) months in advance to the other institution. Once terminated, neither IIEST, SHIBPUR nor the HIT, Haldia will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, IIEST, SHIBPUR and the HIT, Haldia will ensure that the provisions of this Memorandum shall continue to apply to all activities in progress until their completion.

7. Amendments/Modifications

This MoU may be amended or modified by a written agreement signed by the representatives of both institutes.
8. Participating faculties, staff and students involved in any activities under this Memorandum must adhere to the law of the host countries and rules and regulations of the institutions.

9. Nothing in this Memorandum shall be construed as creating any legal relationship between the institutes. This Memorandum is a statement of intent to foster genuine and mutually beneficial collaboration.

10. Dispute Resolution

In case, there be a dispute relating to any aspect of academic cooperation, Director, IIEST, SHIBPUR and Director, HIT, Haldia will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility. If such a settlement cannot be reached, the dispute will be settled in the Courts of Kolkata (India).

IIEST, SHIBPUR and the HIT, Haldia welcome the establishment of this Memorandum for cooperation and jointly agree to the provisions as set out above.

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<thead>
<tr>
<th>For and on behalf of the HIT, Haldia</th>
<th>For and on behalf of IIEST, SHIBPUR</th>
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<tr>
<td><strong>Signature</strong></td>
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<tr>
<td><strong>Designation: Director</strong></td>
<td><strong>Designation: Dean (R&amp;C)</strong></td>
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<tr>
<td>Director HIT, Haldia Institute of Technology</td>
<td>Prof. Subhasis Bhaumik</td>
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<td><strong>Date:</strong> 28/6/2021</td>
<td><strong>Date:</strong> 28/6/2021</td>
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<td><strong>Witness:</strong> 1. Dr. S. N. Bandopadhyay 1. Dr. Chinmooy Bhattacharya</td>
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<tr>
<td>2. Anindya Majumder                   2. Dipanker C. Paul</td>
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Introduction

IIEST, Shibpur and HIT have many areas of common interest in Engineering and Science subjects. In some of these areas, the degree of mutual interest is so great that considerable advantage may be gained from their pursuit on a collaborative basis in the fields of academics, education and research. Collaboration will be established within the principles set out in the following sections.

1. Object:

Both Institutes agree to develop the following collaborative activities in the academic areas of mutual interest, on a basis of equality and reciprocity.

The two institutions shall seek to promote:

a. Academic & Technical Tie Up (Faculty/Scientist/Staff Exchanges)

(i) The exchange of faculty to the mutual benefit of both institutions,
(ii) Collaboration in teaching, research and development, and consultancy studies in the field of mutual interest,
(iii) The exchange of academic materials and publications,
(iv) Conducting lectures,
(v) Undertaking joint research,
(vi) Attachment of staff for purposes of curriculum development and review, attendance of courses, upgrading of teaching and research skills,
(vii) Participating in seminars, symposiums, and other types of academic discussions,
(viii) Co-supervising post-graduate students,
(ix) Conducting study tours and joint consultancy work.

A specific plan will be worked out for each activity; setting forth detailed arrangements for collaboration will be agreed. The terms and conditions for each visit or an assignment or such exchange, including those concerning salary, travel funding, health insurance, and housing will be worked out between the institutes. A separate agreement will be entered into giving such details including term of exchange of any intellectual property.

b. Student Exchanges (Specify objective of the exchange)

Student exchange activities (at undergraduate or postgraduate level) cover visits to either institution for any of the following purposes:

(i) participating in research;
(ii) participating in taught courses;
(iii) involvement in study tours;
(iv) joint Ph.D. programme
Memorandum Of Understanding

By And Between

National Institute of Technology Mizoram

And

Haldia Institute of Technology, West Bengal

(An Autonomous Institution)
MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

AND

HALDIA INSTITUTE OF TECHNOLOGY, WEST BENGAL

This Memorandum of Understanding is made and entered into on this 12th February, 2020 between National Institute Of Technology Mizoram, located at Chaltlang, Aizawl, Mizoram 796012 (now onwards referred as "NITMZ") and Haldia Institute of Technology, West Bengal (now onwards referred as "HIT" (collectively referred as "Parties").
RECITALS

WHEREAS NITMZ is recognized for its strength in research and education in various branches of Engineering.

WHEREAS HIT is an Institution under the society, namely, Indian Centre for Advancement of Research & Education (ICARE) Haldia, which was established in 1995 under Societies Registration Act XXVI of 1961. ICARE is solely dedicated to promote, establish, run and maintain educational Institutions of excellence, bearing Registration No. S/81826 of 1995-1996 of 24th November, 1995:

WHEREAS both Parties wish to enable cooperation and exchange in all academic & research areas of mutual interest;

WHEREAS both Parties wish to enable cooperation and exchange in English language only;

WHEREAS both Parties are desirous furthering academic-research collaborations though the pursuit of joint research and development activities in areas of mutual interest, and shall by joint agreement, determine the areas and subject of such collaboration;

WHEREAS this MOU sets out the general understanding of the Parties’ collaboration;

THEREFORE, in consideration of their mutual interests and the covenants set forth herein, the Parties agree as follows:

ARTICLE 1
PURPOSE AND SCOPE OF THE MOU

Purpose: The purpose of this MOU includes, but is not limited to the following:

1. The organization of joint academic and scientific activities, such as courses, conferences, seminars, symposia or lectures;
2. The mobility of research and teaching personnel;
3. Exploring future possibilities for student mobility including internship / training;
4. The development of collaborative research projects;
5. Possible access to publications and other materials of common interest;
ARTICLE 2
PROPOSED ACTIVITIES PURSUANT TO THE MOU

2.1 "Institutional Appointees" to implement the purpose envisaged under this MOU representatives of the Parties may meet periodically to conclude definitive projects ("Projects"), including their financing for each Projects and possible collaboration with other Parties, consultancy from professors and including start-ups incubated / incorporated within the purview of Institute. Both Parties will designate a representative to initiate and coordinate the projects. The coordinators from each Party may meet to review progress of the implementation of the agreed project, define new areas of collaboration as well as to discuss matters related to this MOU.

ARTICLE 3
INTELLECTUAL PROPERTY

3.1 Each Party will retain all proprietary rights in and to its proprietary information and any information or other material provided by it in relation to this MOU and it shall remain the exclusive property of such Party (the "IP").

3.2 Nothing in this MOU shall be construed as granting either Party and rights in or license to use the IP without the other Party’s prior written consent, which may or may not be given at that Party’s sole and absolute discretion.

ARTICLE 4
CONFIDENTIALITY

4.1 "Confidential Information" means any and all information in whatever form provided by the disclosing Party and relating to the Activities, provided such information is either (a) marked as confidential at the time of disclosure: or (b) if not in a form that can be readily marked (e.g. in oral, visual or electronic form), is identified by the disclosing Party as confidential at the time of disclosure: or (c) if, given the circumstances of the disclosure, the receiving Party reasonably ought to know that it should be treated as confidential. No disclosure under this MOU or Project Agreements shall be considered an offer to sell or a public disclosure.

4.2 The Parties acknowledge and agree that they will maintain the secrecy and confidentiality of confidential information received from the disclosing party under this MOU or Project Agreements. Receiving party will not disclose Confidential Information of the disclosing Party to any third party without prior written authorization from the disclosing party, except that Receiving Party may
share the Confidential Information on a need to know basis with (a) Receiving party’s Affiliates, or (b) to the extent they are subject to a non-disclosure obligation, receiving Party’s contractors, agents, students, employees, or representative performing the Activities for receiving Party. Receiving Party will only use the disclosing Party’s Confidential Information for the Activities stated in this MOU or Project Agreements. Receiving Party will not remove any confidentiality, proprietary, or other similar markings from Confidential Information. Receiving Party also agrees to adopt measures to protect the secrecy and confidentiality of Confidential Information that are reasonable under the circumstances and that protect the disclosing Party's Confidential Information with at least the same degree of care, but in any case no less than a reasonable degree of care, as receiving Party uses to protect its own information of a like confidential nature. During the work under this MOU, the parties will not use or disclose to each other any confidential information owned by a third party, unless the Disclosing Party has written authorization to do so.

ARTICLE 5
TERM OF MOU
This MOU shall commence on the date of this MOU above and shall remain in effect for a period of two (02) years. Either party may terminate this MOU by giving thirty (30) days prior notice to the other Party. This MOU can be extended by mutual written agreement of both Parties. The termination of this MOU shall not affect the implementation of the projects established under it prior to such termination.

ARTICLE 6
DISPUTE RESOLUTION
The Parties shall use their best endeavours to settle amicably any difference or dispute arising under or in connection with this MOU by consultation and negotiation. If a dispute cannot be settled through such consultations, upon the request of either party with written notice to the other party, any such dispute shall be resolved by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the Parties. The place of arbitration will be city of Aizawl, Mizoram.
IN WITNESS WHEREOF, the institutions have caused their duly authorized representatives to execute this MOU to be effective upon signature by both Parties hereto.

NATIONAL INSTITUTE OF TECHNOLOGY MIZORAM

Signature: 

Prof.(Dr.) Rajat Gupta
Director

Witness

1. Dr. P. Ajmal Koya
   Dean (Acad), NIT Mizoram

2. Prof. Saibal Chatterjee
   Dean (Acad), NIT Mizoram

HALDIA INSTITUTE OF TECHNOLOGY, WEST BENGAL

Signature: 

Prof. (Dr.) M.N. Bandyopadhyay
Director

Witness

1. Dr. S.N. Bandyopadhyay
   Director

2.
Memorandum of Understanding

By and Between

National Institute of Technology Kurukshetra

And

Haldia Institute of Technology, West Bengal

(An Autonomous Institution)
MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

AND

HALDIA INSTITUTE OF TECHNOLOGY, WEST BENGAL

This Memorandum of Understanding is made and entered into on this 12th day of December, 2019 between National Institute of Technology Kurukshetra, located at Kurukshetra HARYANA-136118 (now onwards referred as the "NITKKR") and Haldia Institute of Technology, West Bengal (now onwards referred as the "HIT" (collectively referred as "Parties").

RECITALS

WHEREAS NITKKR is recognized for its strength in research and education in various branches of Engineering;
WHEREAS HIT is an Institution under the society, namely, Indian Centre for Advancement of Research & Education (ICARE) Haldia, which was established in 1995 under Societies Registration Act XXVI of 1961. ICARE is solely dedicated to promote, establish, run and maintain educational Institutions of excellence, bearing Registration No. S/81826 of 1995-1996 of 24th November, 1995;
WHEREAS both Parties wish to enable cooperation and exchange in all academic & research areas of mutual interest;
WHEREAS both Parties wish to enable cooperation and exchange in English language only;
WHEREAS both Parties are desirous furthering academic-research collaborations though the pursuit of joint research and development activities in areas of mutual interest, and shall by joint agreement, determine the areas and subject of such collaboration;
WHEREAS this MOU sets out the general understanding of the Parties’ collaboration:
THEREFORE, in consideration of their mutual interests and the covenants set forth herein, the Parties agree as follows:

[Signatures]

Director
Haldia Institute of Technology

Director
National Institute of Technology
KURUKSHETRA-136119
ARTICLE 1
PURPOSE AND SCOPE OF THE MOU

Purpose. The purpose of this MoU includes, but is not limited to the following:
1. The organization of joint academic and scientific activities, such as courses, conferences, seminars, symposia, or lectures;
2. The mobility of research and teaching personnel;
3. Exploring future possibilities for student mobility including internship/training;
4. The development of collaborative research projects;
5. Possible access to publications and other materials of common interest;

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PROPOSED ACTIVITIES PURSUANT TO THE MOU

2.1 "Institutional Appointees" To implement the purpose envisaged under this MOU, representatives of the Parties may meet periodically to conclude definitive projects ("Projects"), including their financing for each Projects and possible collaboration with other Parties, consultancy from professors and including start-ups incubated/incorporated within the purview of Institute. Both Parties will designate a representative to initiate and coordinate the projects. The coordinators from each Party may meet to review progress of the implementation of the agreed project, define new areas of collaboration as well as to discuss matters related to this MOU.

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Director
Haldia Institute of Technology

Director
National Institute of Technology
KURUKSHETRA-136119
ARTICLE 4
CONFIDENTIALITY

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ARTICLE 5
TERM OF MOU

This MOU shall commence on the date of this MOU above and shall remain in effect for a period of two (02) years. Either party may terminate this MOU by giving thirty (30) days prior notice to the other Party. This MOU can be extended by mutual written agreement of both Parties. The termination of this MOU shall not affect the implementation of the projects established under it prior to such termination.

[Signatures]
Director
National Institute of Technology
KURUKSHETRA-136119
ARTICLE 6
DISPUTE RESOLUTION

The Parties shall use their best endeavors to settle amicably any difference or dispute arising under or in connection with this MOU by consultation and negotiation. If a dispute cannot be settled through such consultations, upon the request of either party with written notice to the other party, any such dispute shall be resolved by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the Parties. The place of arbitration will be city of Kurukshetra.

IN WITNESS WHEREOF, the institutions have caused their duly authorized representatives to execute this MoU to be effective upon signature by both Parties hereto.

NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA

Signature: [Signature]

Dr. Satish Kumar
Director
National Institute of Technology
KURUKSHETRA-136119

Witness

1. [Signature] Registrar
   National Institute of Technology, Kurukshetra

2. [Signature] Dean
   National Institute of Technology, Kurukshetra

Date: Thursday, December 12, 2019

HALDIA INSTITUTE OF TECHNOLOGY, WEST BENGAL

Signature: [Signature]

Prof. (Dr.) M.N. Bandyopadhyay
Director
Haldia Institute of Technology

Witness

1.

2.

Date: Thursday, December 12, 2019
Memorandum of Understanding For Academic Cooperation And Collaboration between
The University of Naples Federico II, Italy
and
Indian Center For Advancement Of Research And Education (ICARE), India
and
Institute For Sustainable Development and Research (ISDR), India

The purpose of this Memorandum of Understanding between The University of Naples ‘Federico II’, Department of Architecture (DIARC), and Interdepartmental Research Centre in Urban Planning ‘Alberto Calza Bini’ (CIRURB), Naples, Italy; and ICARE, Indian Centre for Advancement of Research and Education, Haldia (India); and Institute for Sustainable Development and Research, Mumbai (ISDR, India) is to foster Academic Cooperation Between the Above mentioned Institutions in India and Italy for the Proposed Collaboration activities on:

1) Exchange of Students.
2) Exchange of Faculty Members and Researchers,
3) Exchange of Research Publication, Information and Materials,
4) Joint Research Programs and Research Meetings,
5) Joint Educational Programs.

For this purpose, all the above named Institutions will continue to participate in the programs and activities jointly for the next 5 years according to the Rules and Regulations laid by the Signatories between Institutions in India and Italy.

Drawn up in quadruple form in Italian and in English, each of which represent an original document.

For the Department of Architecture (DIARC),
The Director
Prof. Michelangelo Russo,

For the Interdepartmental Research Centre in Urban Planning ‘Alberto Calza Bini’ (CIRURB),
The Director
Prof. Pasquale De Toro,

For Indian Centre for Advancement of Research and Education, ICARE,
The Director, Haldia Institute of Technology, Haldia, India,
Prof. Manabendra Nath Bandyopadhyay,

For Institute for Sustainable Development and Research, ISDR, India,
The Secretary
Dr. Paruthummootil Jacob Philip,

Place and Date: Naples, Italy, September 27, 2019
Protocollo di Intesa per Cooperazione e Collaborazione Accademica
tra
Università di Napoli Federico II, Italia
e
Indian Center For Advancement Of Research And Education (ICARE), India
e
Institute For Sustainable Development and Research (ISDR, India)

Lo scopo del presente Protocollo di Intesa tra l’Università di Napoli Federico II, Dipartimento di Architettura (DIARC) Centro Interdipartimentale di Ricerca in Urbanistica “Alberto Calza Bini” (CIRURB), Napoli, Italia; e ICARE, Indian Centre for Advancement of Research and Education, Haldia (India); e Institute for Sustainable Development and Research, Mumbai (ISDR, India) è quello di promuovere la cooperazione accademica tra le istituzioni di cui sopra in India e in Italia relativamente alle seguenti attività di collaborazione proposte:

1) Scambio di studenti;
2) Scambio di docenti e ricercatori;
3) Scambio di pubblicazioni, informazioni e materiali di ricerca;
4) Programmi di ricerca comuni e meeting di ricerca;
5) Programmi formativi comuni.

A questo scopo, le sopra citate istituzioni continueranno a partecipare ai programmi e alle attività comuni per i prossimi 5 anni secondo le norme e i regolamenti stabiliti dai firmatari tra le istituzioni in India e in Italia.

Redatto in quattro copie in italiano e in Inglese, ognuna delle quali rappresenta documento originale.

Per il Dipartimento di Architettura (DIARC)
Il Direttore
Prof. Michelangelo Russo,

Per il Centro Interdipartimentale di Ricerca in Urbanistica “Alberto Calza Bini” (CIRURB)
Il Direttore
Prof. Pasquale De Toro,

Per l’Indian Centre for Advancement of Research and Education, ICARE,
Il Direttore dell’Haldia Institute of Technology, Haldia, India
Prof. Manabendra Nath Bandyopadhyay,

Per l’Institute for Sustainable Development and Research, ISDR, India,
Il Segretario
Dott. Paruthummootil Jacob Philip,

Luogo e data: Napoli, Italia, 27 settembre 2019
1) DIPARTIMENTO DI ARCHITETTURA (DiARC) dell'UNIVERSITÀ DI NAPOLI “FEDERICO II”

Il DiARC è un Dipartimento dell’Università di Napoli Federico II. È stato fondato il 15 febbraio 2013, in ottemperanza al riassetto del sistema universitario Italiano. La precedente Facoltà di Architettura termina la sua esistenza, trasferendo quasi in toto le proprie competenze al Dipartimento di Architettura.

Una delle missioni del DiARC è la promozione della ricerca interdisciplinare e della diffusione della conoscenza (attraverso la didattica e le pubblicazioni scientifiche) nel campo della progettazione architettonica e urbana, della storia dell’architettura, del restauro del patrimonio architettonico e paesaggistico, degli studi urbani e della pianificazione territoriale, del settore delle costruzioni e della rappresentazione degli edifici, della progettazione tecnologica e ambientale, del design del prodotto e degli interni, oltre a discipline complementari come aspetti normativi, analisi matematica e procedure di valutazione, analisi dei dati e sistemi informativi geografici.

L’attività di didattica del dipartimento si articola in diversi livelli formativi identificati dalla normativa Europea:
- Laurea Magistrale in Architettura (cinque anni);
- Laurea in Scienze dell’Architettura (tre anni);
- Laurea in Urbanistica, Paesaggio, Territorio, Ambiente (tre anni);
- Laurea Magistrale in Architettura - Progettazione Architettonica (due anni);
- Laurea Magistrale in Pianificazione Territoriale, Urbanistica e Paesaggistica Ambientale (due anni);
- Laura Magistrale in Design per l’Ambiente Costruito (due anni).

Attenzione particolare è rivolta alle diverse forme della didattica di terzo livello, che si avvale di consolidati strumenti di formazione post-universitaria, come Dottorato di Ricerca, Scuola di Specializzazione in Beni Architettonici e del Paesaggio, corsi di Master.

Il DiARC promuove e gestisce rapporti di carattere scientifico e formativo con Dipartimenti, Istituti, Centri e Istituzioni Culturali nazionali e internazionali.

L’indirizzo del DiARC è: Via Forno Vecchio, n. 36, I-80134, Napoli, Italy.

1) CENTRO INTERDIPARTIMENTALE DI RICERCA IN URBANISTICA “ALBERO CALZA BINI” (CIRURB) dell’UNIVERSITÀ DI NAPOLI “FEDERICO II”

Il CIRUB è stato fondato nel 1946 ma la sua organizzazione è stata recentemente modificata nel 2016. Il Centro ha le seguenti finalità:
- promuovere, sostenere e coordinare ricerche e studi nel campo della “Scienza della Città”;
- promuovere ricerche ed approfondimenti sul tema dello Sviluppo Sostenibile connesso alle relazioni Uomo-Ambiente-Natura-Salute-Benessere-Spazi Urbani, con specifica attenzione alla rigenerazione sostenibile urbana e territoriale, anche in collaborazione con UN-Habitat, WHO, ICLEI, UNEP, UNESCO, ICOMOS.

Per raggiungere tali obiettivi, il Centro:
attua uno scambio di informazioni, di materiali e di conoscenze con i Centri, gli Istituti e i Dipartimenti, italiani ed internazionali, che svolgono attività di ricerca in argomento e con Enti pubblici e privati che operano nel settore;

stimola iniziative di collaborazione scientifica interdisciplinare e di divulgazione a livello sia nazionale che internazionale, anche mediante l’organizzazione di cicli di lezioni, corsi di formazione, seminari e convegni;

supporta l’attività di alta formazione;

cura iniziative editoriali proprie o in collaborazione;

razionalizza l’utilizzazione delle attrezzature esistenti e promuove l’acquisizione di apparecchiature destinate alla ricerca o all’insegnamento, con particolare riferimento all’alta formazione e alle piattaforme tecnologiche nel settore di competenza;

concorre alle attività didattiche di studenti, laureandi, dottorandi, alle attività didattiche connesse alle Scuole di specializzazione e ai Corsi di perfezionamento, a Master di primo e secondo livello, nonché ad altre attività didattiche formative.


L’indirizzo del CIRURB è: Via Toledo, n. 402, I-80134, Napoli, Italy.

2) INDIAN CENTRE FOR ADVANCEMENT OF RESEARCH AND EDUCATION (ICARE),


Gli obiettivi di ICARE sono quelli di promuovere, istituire, avviare e mantenere istituzioni educative di vario tipo. Inoltre, ICARE è impegnata anche in varie attività di assistenza sociale in termini di calamità naturali, assistenza materna e dell’infanzia, promozione di gruppi di auto-aiuto, formazione professionale per il lavoro autonomo, campagne di check-up medico gratuito, donazione di sangue, vaccinazione, distribuzione di libri, programmi di sviluppo della comunità, ecc.

ICARE ha già fondato con successo 14 Istituzioni quali Haldia Institute of Technology, che svolge 12 B.Tech. e 5 M.Tech corsi, nonché corsi MCA & MBA, ICARE Institute of Medical Sciences and Research, Dr. Bidhan Chandra Roy Hospital, Haldia, Haldia Institute of Dental Sciences and Research, Haldia Law College, Haldia Institute of Maritime Studies and Research, Global Institute of Science and Technology, Vidyasagar Primary Teachers’ Training Institute, Institute of Education, Haldia, Haldia Institute of Health Sciences, Haldia Institute of Management, Haldia Institute of Nursing Sciences, Haldia School of Languages, ICARE School of Research and Development, ecc.

Si contano più di 8.000 studenti iscritti agli Istituti e circa 2.000 dipendenti. ICARE dispone di grandi gruppi con esperienza in varie discipline relative a Ingegneria, Scienze, Tecnologia, Giurisprudenza, Management, ecc.

L’ICARE e i suoi istituti svolgono diversi seminari internazionali e nazionali, nonché workshop durante tutto l’anno. L’ICARE e le sue Istituzioni sono impegnate in varie attività e progetti di ricerca.

L’indirizzo dell’Indian Centre for Advancement of Research and Education, Haldia, è:
ICARE Complex, P.O. Hatiberia, Haldia – 721 657, West Bengal, India.
3) INSTITUTE FOR SUSTAINABLE DEVELOPMENT AND RESEARCH (ISDR,India)

L'Institute for Sustainable Development & Research (ISDR, India) è registrato come Organizzazione Non Governativa (ONG) non-profit che ha uno status consultivo per United Nations Economic and Social Council (UN-ECOSOC); United Nations - Environment; United Nations Center for Human Settlement (UNCHS) now UN-Habitat; United Nations Finance for Development (UN-FID); Committee on Food Security - Food and Agriculture Organization (CFS-FAO); Intergovernmental science - Policy Platform on Biodiversity and Ecosystem Services (IPBES); The United Nations Convention to Combat Desertification (UNCCD), ecc. L'ISDR sta lavorando per lo sviluppo sostenibile. Le sue aree di attività sono l'istruzione, la formazione, la ricerca e lo sviluppo delle risorse naturali quali suolo, acqua, aria, agricoltura, foreste, gestione e conservazione delle aree costiere e fluviali, pianificazione rurale e urbana, sviluppo infrastrutturale, governance, energia e emissioni di gas serra, servizi igienico-sanitari, sviluppo industriale, gestione dei disastri, sviluppo socio-economico, questioni di genere, riduzione della povertà, gestione dell'ambiente, cambiamento climatico, cambiamenti ambientali globali, ecc.

ISDR, India facilita iniziative locali come lo sviluppo agricolo, la conservazione dell'ambiente, la gestione delle risorse idriche, progetti di generazione di reddito per giovani e donne, istruzione e formazione, sviluppo socio-economico, attivando azioni collettive e partecipative che puntano all'autosufficienza e alla sostenibilità. L'ISDR partecipa a programmi di “capacity building” organizzati dall'ONU e da altre istituzioni di ricerca e quindi trasmette le conoscenze e le competenze acquisite alla comunità locale e ad altre ONG e Organizzazioni di Volontariato. L'ISDR ha partecipato con successo a una serie di eventi organizzati dall'ONU, dall'UE, tra cui il WSSD, la Conferenza mondiale delle Nazioni Unite sulla gestione dei disastri e agli incontri preparatori a Istanbul+5 da parte della regione Asiatica. L'ISDR ha organizzato programmi nazionali e internazionali sull'istruzione, la ricerca e la formazione, seminari, conferenze, workshop nelle regioni Asia-Pacifico, Africa, Sud-America ed Europa su materie interdisciplinari e multidisciplinari in associazione con organizzazioni nazionali e internazionali. ISDR lavora attualmente in collaborazione con organizzazioni internazionali e mondiali, Università e istituti di ricerca internazionali e organizzazioni “di base” in Asia-Pacifico, Europa, America, Africa e Sud-America per lo sviluppo sostenibile, con particolare attenzione allo sviluppo socio-economico-culturale-ambientale e delle risorse umane attraverso la partecipazione pubblica e la ricerca collaborativa. L'ISDR ha organizzato diversi workshop, conferenze e programmi di formazione internazionali nelle regioni Asia-Europa e America in collaborazione con organizzazioni internazionali, organizzazioni delle Nazioni Unite, dell'UE e Università che si occupano di gestione ambientale, gestione dei disastri, aspetti socio-economici e culturali, e sviluppo regionale. Questo contribuisce a coinvolgere la partecipazione di diversi stakeholder nel processo di sviluppo sostenibile in varie parti del mondo.

ISDR, India lavora con Gruppi di Comunità, NGO, Organizzazioni di Volontariato e Agenzie Internazionali per raggiungere i propri obiettivi.

ISDR, India è un istituto di ricerca nello Stato di Maharashtra registrato come Società (Society registration act, 1860 (807/1997 (GBBSD))and Bombay Public Trust Act 1950 (F-19702 (Mumbai)) con indirizzo ISDR, (S.Hande) 08, Rumani Manzil, Link Road, Pipeline, Barvenagar, Mumbai, 400084, Maharashtra state, India.

Il Prof. Narendra Kumar Choudhary (indirizzo C-203, Bhoomi Enclave, Mahaveer Nagar, Kandivali-West, Mumbai 400067, M.S., India) è attualmente il Presidente eletto di ISDR, India.
Annexure “A”
Brief introduction of participating Institutions under the MoU

1) DEPARTMENT OF ARCHITECTURE (DiARC) of THE UNIVERSITY OF NAPLES ‘FEDERICO II’

DiARC is a Department of the University of Naples Federico II. It was founded on February 15, 2013, in compliance with the reorganization of the Italian University system. The previous Faculty of Architecture ceased its existence, transferring almost entirely its skills to the Department of Architecture.

One of the missions of DiARC is the promotion of interdisciplinary research and knowledge dissemination (through teaching and scientific publications) in the field of architectural and urban design, history of architecture, restoration of architectural and landscape heritage, urban studies and land planning, building sector and representation of buildings, technological and environmental design, product and interior design, as well as complementary fields such as legal aspects, mathematical analysis and appraisal procedures, data analysis and geographic information systems.

The teaching activity of the Department is divided between the different levels of training identified by the European legislation:
- Master’s Degree in Architecture (five years);
- Bachelor’s Degree in Architectural Sciences (tree years);
- Bachelor’s Degree in Urban Planning, Landscape, Territory, Environment (three years);
- Master’s Degree in Architecture - Architectural Design (two years);
- Master’s Degree in Urban Planning and Landscape/Environmental Planning (two years);
- Master’s Degree in Design for the Built Environment (two years).

Particular attention is paid to the different forms of third level teaching, which avails itself of consolidated post-graduate training tools, such as the Ph.D. Program, the School of Specialization in Architectural and Landscape Heritage, Master Courses.

DiARC promotes and manages scientific and training relationships with national and international Departments, Institutes, Centers and Cultural Institutions.

The address of DiARC is: Via Forno Vecchio, no. 36, I-80134, Napoli, Italy.

1) INTERDEPARTMENTAL RESEARCH CENTER IN URBAN PLANNING ‘ALBERTO CALZA BINI’ (CIRUB) of THE UNIVERSITY OF NAPLES ‘FEDERICO II’

CIRUB was founded in 1946 but its organization was lately modified in 2016. The Center has the following aims:
- promote, support and coordinate research and studies in the field of ‘Science of the City’;
- promote research and analysis on the theme of Sustainable Development connected to relations Man-Environment-Nature-Health-Wellness-Urban Spaces, with specific attention to sustainable urban and regional regeneration, also in collaboration with UN-Habitat, WHO, ICLEI, UNEP, UNESCO, ICOMOS.

To achieve these objectives, the Center:
- implements an exchange of information, materials and knowledge with Italian and international Centers, Institutes and Departments that carry out research activities in the above subject and with the public and private bodies operating in the sector;
- stimulates initiatives of interdisciplinary scientific collaboration and dissemination at both national and international level, also through the organization of cycles of lessons, training courses, seminars and conferences,
- supports high-level training;
- takes care of editorial initiatives by its own or in collaboration;
- rationalizes the use of existing equipment and promote the acquisition of new equipment for research or teaching, with particular reference to high education and training technological platforms in the sector of competence;
- contributes to the teaching activities of students, undergraduates and doctoral students, to the didactic activities related to Specialization schools and postgraduate courses, first and second level Master programs as well as other educational didactic activities.


The address of CIRURB is: Via Toledo, no. 402, I-80134, Napoli, Italy.

2) INDIAN CENTRE FOR ADVANCEMENT OF RESEARCH AND EDUCATION (ICARE),

Indian Centre for Advancement of Research and Education, Haldia (ICARE) is a society registered under West Bengal Societies Registration Act, 1961 (Regd. No: S/81826 of 1995-1996) and was established in 1995.

The objects of ICARE are to promote, establish, run and maintain educational institutions of varied types. In addition ICARE is also engaged in various social welfare activities in terms of natural disaster as well as mother & child care, promoting self-help groups, providing vocational training for self-employment, free medical check-up camps, blood donation camps, immunization, book distribution, many community development programme, etc.

ICARE has already successfully established 14 Institutions like Haldia Institute of Technology conducting 12 B.Tech., 5 M.Tech besides MCA & MBA courses. ICARE Institute of Medical Sciences and Research and Dr. Bidhan Chandra Roy Hospital, Haldia, Haldia Institute of Dental Sciences and Research, Haldia Law College, Haldia Institute of Maritime Studies and Research, Global Institute of Science and Technology, Vidyasagar Primary Teachers’ Training Institute, Institute of Education, Haldia, Haldia Institute of Health Sciences, Haldia Institute of Management, Haldia Institute of Nursing Sciences, Haldia School of Languages, ICARE School of Research and Development, etc.

There are more than 8000 students on the roll of the Institutes and about 2000 employees working. ICARE has huge pool experienced faculties catering to various disciplines of Engineering, Science, Technology, Law, Management, etc.

ICARE and its institutes conduct various international and national seminars, workshops throughout the year. ICARE and its Institutions are engaged in various research activities and projects.

The Address of The Indian Centre for Advancement of Research and Education, Haldia is: ICARE Complex, P.O. Hatiberia, Haldia – 721 657, West Bengal, India.
Institute for Sustainable Development & Research (ISDR, India) is a registered non-profit Non-Governmental Organisation (NGO) having consultative status with United Nations Economic and Social Council (UN-ECOSOC); United Nations - Environment; United Nations Center for Human Settlement (UNCHS) now UN-Habitat; United Nations Finance for Development (UN-FfD); Committee on Food Security - Food and Agriculture Organization (CFS-FAO); Intergovernmental science - Policy Platform on Biodiversity and Ecosystem Services (IPBES); The United Nations Convention to Combat Desertification (UNCCD), etc. ISDR is working for sustainable development. Its areas of activity are education, training, research and development on natural resources such as soil, water, air, agriculture, forest, coastal and river management and their conservation, rural and urban planning, infrastructure development, Governance, energy and GHG issues, sanitation, industrial development, disaster management, socio-economic development, gender issues, poverty alleviation, environment management, climate change, global environmental changes, etc.

ISDR, India facilitates local initiatives such as agricultural development, environmental conservation, water management, income generation projects for youth and women, education & training, and socio-economic development, by mobilising collective and participatory action towards self-reliance and sustainability. ISDR participates in capacity building programmes organised by the UN and other research institutions and then imparts the acquired knowledge and skills to the local community and other NGOs and VOs. ISDR participated successfully in a number of events organised by the UN, the EU, including WSSD, UN World Conference on Disaster management and Istanbul+5 preccom meetings from the Asia region. ISDR has organised national and international programs on education, research and training, seminars, conferences, workshops in Asia-Pacific, Africa, South America and Europe region on interdisciplinary and multidisciplinary subjects in associations with the national and international organizations. ISDR is working in collaboration with global and international organizations, international Universities and research institutions and grass root level organization in Asia-Pacific, Europe, America, Africa and South America for Sustainable Development with focus on socio-economic-cultural-environmental and human resources development through public participation and collaborative research. ISDR has organized several international workshops, conferences and training programs, student exchange programs in Asia-Europe and America region in collaboration with the international partner organizations, UN organization, EU and Universities focusing on Environmental Management, Disaster Management, Socio-Economic and Cultural aspects and regional development. This helps to involve more stakeholders' participation in the sustainable development process in different parts of the world.

ISDR, India works with Community Groups, NGOs, VOs and International Agencies to achieve its aims.

ISDR, India is a research institute in Maharashtra state registered as per the Society registration act, 1860 {807/1997 (GBBSD)} and Bombay Public Trust Act 1950 {F-19702 (Mumbai)} having its registered address at ISDR, (S.Hande) 08, Rumani Manzil, Link Road, Pipeline, Barvenagar, Mumbai, 400084, Maharashtra state, India.

Prof. Narendra Kumar Choudhary, Address - C-203, Bhoomi Enclave, Mahaveer Nagar, Kandivali-West, Mumbai 400067, M.S., India is currently elected President of ISDR, India.
From:
The Registrar (Evaluation)
University of Mysore
Mysore-570 005.

To:
The Director,
ICARE School of Research and Development
ICARE Complex, HIT Campus P.O
Hatiberia, Haldia – 721 657.
West Bengal.

Sir/Madam
Sub: Conducting internal Viva-Voce Examination to Timir Baran Sinha research scholar
for Ph.D. Degree in Chemistry

With reference to the above, I am directed to request you to kindly conduct the internal open Viva-voce examination to Timir Baran Sinha on a convenient date at the Dept. of Chemistry, ICARE School of Research and Development, Hatiberia, Haldia-57, giving wide publicity and inviting all the faculty members and students of the Department.

All the Evaluation Reports in Photo copies are sending herewith for your reference.

After viva-voce Exam, kindly send a detailed proceedings of the viva-voce examination along with the Photo copies of Evaluation reports and with open Viva-Voce attendance within 3 days for taking further action. The Viva-voce report shall be signed by all the members of Doctoral Committee, Senior Faculty and the participants.

The candidate may be subjected to clarify all the points raised by the examiners in their reports in addition to other clarifications required to be sought during the Viva-Voce. (BOS Chairman or his representative from the respective department of the University of Mysore, Mysore for conducting Viva-Voce examination)

Further, you are requested to inform the undersigned office about Viva-Voce Examination.

Yours faithfully,

[Signature]

CO-ORDINATOR (Ph.D. EVALUATION)

Ends: Valuation reports in
( ) sheets

Copy to:
1. Dr. Pijus Kanti Khatua, Research Guide, Dept. of Chemistry, ICARE School of Research and Development, ICARE Complex, Hatiberia, Haldia – 721 657, WB.
2. The Chairman, BOS in Chemistry, Manasagangotri, Mysore-06.
3. Office copy.
MEMORANDUM OF UNDERSTANDING (MOU) & COLLABORATION BETWEEN THE UNIVERSITY OF NAPLES FEDERICO II AND INDIAN CENTRE FOR ADVANCEMENT OF RESEARCH AND EDUCATION (ICARE) AND INSTITUTE FOR SUSTAINABLE DEVELOPMENT AND RESEARCH (ISDR, India)

The University of Naples ‘Federico II’
Department of Architecture (DiARC), represented by Director, Prof. Michelangelo Russo, and
Interdepartmental Research Centre in Urban Planning ‘Alberto Calza Bini’ (CIRURB), represented by its Director, Prof. Pasquale De Toro,

and

ICARE, Indian Centre for Advancement of Research and Education, Haldia (India) represented by Prof. Manabendra Nath Bandyopadhyay, Director, Haldia Institute of Technology, Haldia, India and
Institute for Sustainable Development and Research (ISDR, India), represented by its Secretary, Dr. Paruthummoottil Jacob Philip,

have decided to establish a co-operation relationship in the fields of teaching, scientific research and training.

With this aim in mind, the following points are agreed upon:

ARTICLE 1 – Co-operation activities
The co-operation will specifically involve:
- sending out teachers;
- an exchange of students, teachers-research assistants, graduate employees and/or office staff;
- organizing talks, seminars and scientifically-based reunions;
- an exchange of documents and scientific and pedagogical publications;
- developing programs and teaching cycles which are considered useful for both parties.
ARTICLE 2 – Fields of application
All contracting parties foresee an active co-operation in the field of Sustainable Development and in particular rural and urban planning, infrastructure development, environment management, climate change, socio-economic development.

ARTICLE 3 – Regulations for the exchange
All contracting parties will carry out the exchange of personnel as set out in Article 1 of this agreement:
- under the form of short visits (conferences, talks, seminars, workshops);
- under the form of medium-length visits (between 4 and 6 weeks).
Every year the number of personnel will be agreed upon reciprocally (up to a maximum of five) who will take part in the exchange, as well as the length of the mission.
With regard to the exchange students they will have to pay their university fees for their own Country.

ARTICLE 4 – Exchange of documents
The Institutions involved will reciprocally give information on their own publications as well as on their teaching and research programs.
They will exchange, in the fields defined in the agreement, scientific publications, periodicals and eventually non-periodicals.

ARTICLE 5 – Resources
The Institutions in the agreement will aim at trying to find financial help and resources which will help in carrying out the objectives as defined in the present agreement.

ARTICLE 6 – Length
The present agreement will last for five years and, on its expiry, can be renewed for a further period, with the consent of the Structures involved. Each of the parties will be able to withdraw from the agreement by giving notice six months beforehand. The present agreement will take effect after the signing of this agreement by the competent authorities of the Institutions.

ARTICLE 7 - Person responsible
For DiARC, the coordinator responsible for the agreement is: Prof. Maria Cerreta;
for CIRURB, the coordinator responsible for the agreement is: Prof. Pasquale De Toro;
for ICARE, the coordinator responsible for the agreement is: Dr. M.N. Bandyopadhyay;
for ISDR, India, the coordinator responsible for the agreement is: Dr. Kalpana Chaudhari.

ARTICLE 8 – Responsibility
Each employee, teacher, agent or student of the various Institutions will be obliged to respect the norms and the regulations of the Institution where they are guests while they take part in the various programs or activities during their stay there and they must respect the present agreement. These participants are to respect the laws of the Country where they are guests during their participation in these activities or programs.

ARTICLE 9 – Disputes
It is for the well-being of the Institutions of this agreement to resolve amicably any differences of opinion or disputes. Consequently, each and every Institution undertakes to contact the appropriate representative from the other Institution to discuss and work out any problems to resolve the disputes which could arise during the time scale of this agreement.
ARTICLE 10 – Personal injury or damage to property
The Institutions agree that each Institute will make its own arrangements for the personnel insurance which is required/essential for its participants so as to cover the personal injury, damages, loss or any liability of the Institutions. The Institutions agree that each Institute will make effort to solve any disputes mutually. The Institutions agrees to inform the participants about the loss/damages liability in advance so that there should not be any financial burden on any Institute.

ARTICLE 11 – Competent legislation
This agreement will adhere to and be regulated by the laws of the Countries who have signed the agreement, on the understanding, however, that no clause, disposition or object of the agreement can be in conflict or bring into discussion, the laws of the Country of any part of this agreement. In this case, the parties agree to negotiate in good faith to ascertain the applicable law and ensure the legality and correct application of this agreement.

The brief introduction of each Institution is attached to this MoU in annexure “A” herewith.

Drawn up in quadruple form in Italian and in English, each of which represent an original document.

For the Department of Architecture (DiARC),
The Director
Prof. Michelangelo Russo.

For the Interdepartmental Research Centre in Urban Planning ‘Alberto Calza Bini’ (CIRURB),
The Director
Prof. Pasquale De Toro.

For Indian Centre for Advancement of Research and Education, ICARE,
The Director, Haldia Institute of Technology, Haldia, India
Dr. Manabendra Nath Bandyopadhyay.

For Institute for Sustainable Development and Research, ISDR, India,
The Secretary
Dr. Paruthummootil Jacob Philip.

Place and Date: Naples, Italy, September 27, 2019
L’Università degli Studi di Napoli “Federico II”
Dipartimento di Architettura (DiARC),
rappresentato dal suo Direttore, Prof. Michelangelo Russo,
e
Centro Interdipartimentale di Ricerca in Urbanistica “Alberto Calza Bini” (CIRURB),
rappresentato dal suo Direttore, Prof. Pasquale De Toro,
e
ICARE, Indian Centre for Advancement of Research and Education, Haldia (India),
rappresentato dal Prof. Manabendra Nath Bandyopadhyay,
Direttore dell’Haldia Institute of Technology, Haldia, India

e
Institute for Sustainable Development and Research (ISDR, India),
rappresentato dal suo Segretario, Dott. Paruthummootil Jacob Philip,

decidono di stabilire tra loro relazioni di cooperazione nei campi dell’insegnamento, della ricerca scientifica e della formazione.

A tal fine, convengono quanto segue:

ARTICOLO 1 – Attività in cooperazione
La cooperazione si tradurrà segnatamente in:
– invio di missioni di insegnamento;
– scambio di studenti, docenti-ricercatori, personale tecnico laureato e/o personale amministrativo;
– organizzazione di colloqui, seminari e riunioni a carattere scientifico;
– scambio di documenti e pubblicazioni scientifiche e pedagogiche;
sviluppo di programmi e cicli d’insegnamento giudicati utili da entrambe le parti.

ARTICOLO 2 – Campi di applicazione
Le due parti contraenti prevedono una cooperazione attiva nel campo dello Sviluppo Sostenibile e in particolare della pianificazione rurale e urbana, dello sviluppo infrastrutturale, della gestione dell’ambiente, del cambiamento climatico, dello sviluppo socio-economico.

ARTICOLO 3 – Regolamentazione degli scambi
Le due parti contraenti realizzano gli scambi del personale previsto all’art. 1 del presente accordo:
- sotto forma di missioni brevi (conferenze, colloqui, seminari, workshop);
- sotto forma di missioni di media durata (tra 4 e 6 settimane).
Tutti gli anni verranno stabiliti di comune accordo il numero di personale (entro un massimo di cinque) da impegnare nello scambio, nonché la durata della missione.
Per quanto riguarda lo scambio degli studenti essi saranno soggetti al pagamento delle tasse universitarie nell’Istituzione del loro Paese d’origine.

ARTICOLO 4 – Scambio di documentazione
Le Istituzioni contraenti si informano reciprocamente delle loro pubblicazioni nonché dei loro programmi di insegnamento e di ricerca. Esse si scambiano, nei campi definiti dall’accordo, pubblicazioni scientifiche, periodiche ed eventualmente non periodiche.

ARTICOLO 5 – Risorse
Le Istituzioni contraenti si impegnano a cercare finanziamenti e risorse che consentano la realizzazione degli obiettivi definiti dal presente accordo.

ARTICOLO 6 – Durata
Il presente accordo ha la durata di cinque anni e, alla sua scadenza, può essere rinnovato per un ulteriore periodo, previo nuovo parere delle Strutture interessate. Ciascuna delle parti potrà recedere dall’accordo con un preavviso di sei mesi. Il presente accordo entrerà in vigore dopo la sottoscrizione da parte delle autorità competenti delle Istituzioni contraenti.

ARTICOLO 7 – Responsabili
Per il DiARC, il coordinatore responsabile dell’accordo è: Prof. Maria Cerreta;
per il CIRURB, il coordinatore responsabile dell’accordo è: Prof. Pasquale De Toro;
per l’ICARE, il coordinatore responsabile dell’accordo è: Dott. M.N. Bandyopadhyay;
per l’ISDR, India, il coordinatore responsabile dell’accordo è: Dott. Kalpana Chaudhari.

ARTICOLO 8 – Responsabilità
Ciascun impiegato, docente, agente o studente delle rispettive Istituzioni sarà obbligato a rispettare le norme ed i regolamenti dell’Istituzione ospitante mentre partecipa ad eventuali programmi o attività sotto la responsabilità dell’Istituzione ospitante in linea con il presente accordo, e detti soggetti si impegnano a rispettare le leggi del Paese ospitante durante la partecipazione a tali attività o programmi.

ARTICOLO 9 – Controversie
Rappresenta un vantaggio reciproco per le Istituzioni firmatarie del presente accordo risolvere le loro divergenze o controversie in maniera amichevole. Di conseguenza, ciascuno si impegna a contattare il rappresentante designato dall’altra Istituzione per discutere e lavorare alla risoluzione di ogni divergenza che potrebbe insorgere durante la vigenza di questo accordo.

ARTICOLO 10 – Danni a persone o cose
Le Istituzioni concordano che ciascuna prenderà le proprie disposizioni per l'assicurazione del personale che costituisce richiesta essenziale per i suoi partecipanti in modo da coprire lesioni personali, danni, perdita o qualsiasi responsabilità delle Istituzioni. Le Istituzioni concordano sul fatto che ogni Istituzione si sforzerà di risolvere le controversie reciprocamente. Le Istituzioni si impegnano ad informare in anticipo i partecipanti sulla responsabilità in caso di smarrimento/danneggiamento, in modo da non comportare nessun onere finanziario per alcuna Istituzione.

ARTICOLO 11 – Legislazione competente
Il presente accordo sarà ispirato e regolato dalle leggi dei Paesi firmatari, a condizione, tuttavia, che nessuna clausola, disposizione o oggetto dell'accordo debba essere in conflitto, o mettere in discussione, le leggi del Paese di qualsiasi parte del presente accordo. In tal caso, le parti acconsentono a negoziare in buona fede per determinare la legge applicabile e assicurare la legalità e la corretta applicazione di questo accordo.

Una breve introduzione di ciascuna Istituzione contraente è riportata nell'allegato “A” al presente accordo.

Redatto in quattro copie in Italiano e in Inglese, ognuna delle quali rappresenta documento originale.

Per il Dipartimento di Architettura (DiARC)
Il Direttore
Prof. Michelangelo Russo,

Per il Centro Interdipartimentale di Ricerca in Urbanistica “Alberto Calza Bini” (CIRURB)
Il Direttore
Prof. Pasquale De Toro,

Per l'ICARE, Indian Centre for Advancement of Research and Education
Il Direttore dell'Haldia Institute of Technology, Haldia, India
Prof. Manabendra Nath Bandyopadhyay,

Per l’Institute for Sustainable Development and Research (ISDR, India)
Il Segretario
Dr. Paruthummootil Jacob Philip,

Luogo e data: Napoli, Italia, 27 settembre 2019
MEMORANDUM OF UNDERSTANDING

FOR ESTABLISHING ACADEMIC COLLABORATION BETWEEN

LINCOLN UNIVERSITY COLLEGE
MALAYSIA

AND

HALDIA INSTITUTE OF TECHNOLOGY
HALDIA, INDIA
MEMORANDUM OF UNDERSTANDING
BETWEEN
Lincoln University College, MALAYSIA
AND
Haldia Institute of Technology (HIT), INDIA

Introduction
Lincoln University College in Malaysia (hereafter referred as LINCOLN) and Haldia Institute of Technology (HIT), India believing the extension and strengthening of scientific exchange and cooperation to be mutual values to University and Private Engineering College and for the development of understanding between our people hereby record their intentions to promote educational exchange through the following activities:

EXCHANGE PROGRAM

Exchange of students
LINCOLN will provide HIT students for Exchange Program who wish to come to LINCOLN to obtain research experience or professional/industrial Practice in the field of engineering, IT, computing etc. The Exchange Program is for a limited period (usually between two and six months).

Both agree that the exchange program for training should follow the educational system and regulations of the LINCOLN University and HIT. Students/Faculties of both may attend short term course with requisite fees and other rules related to these.

COOPERATIVE RESEARCH

Co-operative research is to be encouraged as individual scholars or departments establish contact and develop mutual interests in niche areas in engineering. The intellectual property rights and other conditions of such agreements will be negotiated on case to case basis.

CONDUCTING OF COURSE(S)

LINCOLN University allows short term course or full course subject to the mutually agreed rules to be framed for the benefits of students of both in a separate MOU.

TERMS OF CO-OPERATION

The terms of co-operation for each specific activity implemented under this Memorandum of Understanding shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity maintaining all the norms of both the countries, India and Malaysia.
CO-ORDINATION OF THE EXCHANGE

Each institution shall designate a Liaison Officer to develop and co-ordinate the specific activities agreed upon.

Through these offices, either of the parties may initiate proposals for activities and specific details of any such activities will be set forth in a letter of agreement.

RENEWAL, TERMINATION, AND AMENDMENT

This Memorandum of Understanding becomes effective on the date of signature by both parties. It may be amended by agreement of the parties. It is renewed every two years without change on that date unless one party gives notice six months in advance.

For this purpose, the responsible parties will be the Vice-Chancellor of LINCOLN and Secretary of the HIT.

CONFLICT RESOLUTION

Any dispute, controversy, or claim arising out of or in relation to this MoU, including the validity, invalidity, breach or termination thereof, shall be settled by both parties amicably by a mutual agreement between the two representatives of the institutes.

MOU signed on: 07-12-2017

Prof. Dr. Amiya Bhaumik
Vice Chancellor
Lincoln University College
Wisma Lincoln, No. 12-18, Jalan SS 6/12,
47301 Petaling Jaya,
Selangor Darul Ehsan,
Malaysia.

Prof. (Dr.) M.N. Bandyopadhyay
Director
Haldia Institute of Technology
I.C.A.R.E Complex, H.I.T Campus
Hatibaria, PO-HIT Dist: Midnapore(E)
PIN : 721657, West Bengal,
India.

Director
Haldia Institute of Technology
MEMORANDUM OF UNDERSTANDING
BETWEEN
MING CHI UNIVERSITY OF TECHNOLOGY, NEW TAIPEI CITY, TAIWAN
AND HALDIA INSTITUTE OF TECHNOLOGY, HALDIA, INDIA
ON
ACADEMIC AND RESEARCH COLLABORATION

Article 1

1.1. Haldia Institute of Technology, (Haldia, India) and Ming Chi University of Technology (New Taipei City, Taiwan), in the confident expectation that cooperation between their respective institutions will contribute to academic development and promote research related activities, have reached this Memorandum of Understanding.

1.2. The purpose of this Memorandum of Understanding is to set out the basic consensus about respective roles and responsibilities of the Parties in working cooperatively to develop and carry out collaborative activities in furtherance of the common interest of the institutions, by:
   a) Exchange of faculty members and students for study and research
   b) Exchange of invitations to scholars for lectures, talks and sharing of experience
   c) Promote and joint research activities and publications
   d) Promote and develop joint training programs
   e) Exchange of information on professional experience in fields of interest to both institutions.
   f) Exchange of invitations to scholars to participate in conference and symposium

Article 2

2.1. In order to materialize such a cooperative relationship, the two parties agree on the following specifics:
   a) Each party will nominate one of its members as its representative in charge of the cooperative program. Individual programs of work under this Memorandum will be jointly planned and conducted by the nominees of both parties.
   b) Progress of work by the individual program will be reviewed and approved by designated project officers of both parties. It is anticipated that a detailed plan of joint activities will be completed by the nominees of both parties.
   c) The final approval of any project will be dependent upon the availability of guaranteed support funds.
   d) In the case of inviting the researchers of Haldia Institute of Technology, Haldia to the conferences or symposia held by Ming Chi University of Technology, Taiwan covers the travel expenses for them based on the related regulation of Ming Chi University of Technology.
   e) Neither Ming Chi University of Technology, Taiwan nor Haldia Institute of Technology, Haldia
will be held responsible for any liability whatsoever; furthermore, neither party shall be required to purchase any insurance against loss or damage to any personal property to which this agreement relates.

2.2. Both Parties are committed to maintaining a constructive and cooperative working relationship.

2.3. Each specific Program and activity that is implemented under the terms of this MOU shall be mutually discussed by both institutions.

Article 3

This Memorandum of Understanding commences in the date it is signed by representatives of each party and be effective for five years. It can be extended by mutual consent of both parties.

Article 4

4.1 This Memorandum of Understanding is subject to change, renewal, and termination by mutual consent. Any alteration of amendment to this MOU must be made in writing, then agreed to and accepted by both institutions.

4.2 This Memorandum of Understanding is signed in two identical copies in English, of which each signatory receives one copy.

Mr. Lakshman Seth
Chairman
Haldia Institute of Technology,
Haldia, West Bengal, India

Date: 19-4-2016

Prof. Jin-Wei Liang
Dean of College of Engineering,
Ming Chi University of Technology,
Taiwan.

Date: April 19th, 2016
MEMORANDUM OF UNDERSTANDING

BETWEEN

KIIT Technology Business Incubator (KIIT TBI)
Kalinga Institute of Industrial Technology (KIIT)
University, Bhubaneswar, Odisha

AND

Haldia Institute of Technology, West Bengal

Date: 1st November, 2021
MEMORANDUM OF UNDERSTANDING

BETWEEN

KIIT Technology Business Incubator (KIIT TBI)
Kalinga Institute of Industrial Technology (KIIT) University, Bhubaneswar, Odisha

AND

Haldia Institute of Technology, West Bengal

This MEMORANDUM OF UNDERSTANDING is made on this 1st November, 2021 between KIIT Technology Business Incubator hereinafter referred to as KIIT TBI) AND Haldia Institute of Technology ( hereinafter referred to as HIT)

Brief Description of the stake holders

KIIT-Technology Business Incubator (KIIT-TBI):

KIIT TBI is a section 8 non profit incubator set up in 2009 with generous support from DST, GoI and recognized as Centre of Excellence in 2018. KIIT TBI BioNEST Bioincubator was established in 2012 with the support of BIRAC to augment the biotech startup ecosystem. KIIT TBI provides an appropriate platform and

Page 2 of 6
they will develop separate written agreements for such projects setting out each other’s contributions, deliverables, and budgets.

IN PURSUANCE OF THE ABOVE SAID OBJECTIVES, KIIT TBI and HIT shall work together for mutual benefits as well as for the development of an ecosystem conducive for promoting bio-entrepreneurship in the Eastern Region and technology driven translational research leading to enterprise formation by undertaking the following in joint collaboration:

DEVELOPING MUTUALLY CONDUCIVE ECOSYSTEM FOR NURTURING INNOVATIVE TECHNOLOGIES AND STARTUPS

1. Provide support and infrastructure for incubation of early-stage ideas of researchers from ideation to POC to commercial products/technologies.

2. Mutually support each other by harnessing the strengths of incubator infrastructure in industry partnerships and technology development and innovation.

3. Extend the available R&D and testing facilities to start-ups for technology and product development.

4. Collaborate with start-ups for piloting technologies suitable for commercialization and product development.

5. Collaborate with the ‘State S&T Council’ and ‘State Innovation Council/Society’ of where present, to help to address the regional problems.

6. Work with various stakeholders to create inter-institutional research teams to work with local government (state/municipal) to identify regional issues and to undertake R&D projects targeting alleviation of these local issues using latest science and technology solutions.

7. Organize industry-academia collaborative workshops / Seminars / Conferences / showcasing and network meets, design competitions, etc. open to all startups from East region to identify promising pipeline of startups/innovators with a focus on developing commercial products/technologies.

8. Promote and provide training on science-based entrepreneurship through workshops / seminars / fellowship programs. Further KIIT TBI and HIT shall initiate training programs/short-term courses/workshops on the specific areas to generate trained human resources for leadership role in incubation or for the local industries.

9. Enabling cross-institutional training courses for incubation managers, faculties PhD/post graduate students wherever possible.
environment with a world class infrastructure of around 130000 sq ft that offer a range of incubation facilities and services to the prospective entrepreneurs to convert their innovative ideas into commercially viable products. KIIT TBI incubates startups in the domain of Biotechnology, Healthcare and Diagnostic, Agri and Food Technology, Social Innovation, IT and Technology, engineering and other interdisciplinary areas. KIIT Technology Business Incubator won the National Award for Technology Business Incubation for the year 2017 from the Union minister for Science and Technology, Earth Sciences on 11th May 2018. KIIT-TBI is also a recognized incubator of Startup Odisha.

KIIT-TBI has expanded its presence by establishing a BIRAC Regional Techno-entrepreneurship centre (BRTC), by BIRAC-DBT, Government of India to promote startups in East and North East State of India. BRTC is acting as mentor incubator and provides a holistic platform for interactions between entrepreneurs, academic institutions, biotech startups, industries, investors, and stakeholders to facilitate and strengthen the collaboration for lab to market translational research in the Eastern region. Recently, KIIT TBI BIRAC BioNEST is recognized as the lead Incubator for the East & North East Cluster ecosystem.

Haldia Institute of Technology (HIT)

The Indian Centre for Advancement in Research & Education (ICARE), a nonprofit education & health organization and registered as under the West Bengal Societies Registration act, 1961 has set up Haldia Institute of Technology for imparting technical education in 1996. HIT is an autonomous institution offering technical education approved by All India Council for Technical Education (AICTE) and is affiliated to Maulana Abul Kalam Azad University of Technology (Formerly Known as West Bengal University of Technology). HIT, offers B.Tech, M.Tech, MBA and MCA courses that include B.Tech & M.Tech in Bio-Technology, Food- Technology etc. HIT, in view of emerging need for promoting entrepreneurship in the eastern region, have decided to collaborate with KIIT-TBI for building up of an ecosystem for promoting technology driven promoting bio-entrepreneurship in the East Region involving HIT.

This MOU sets forth the intentions of the Parties under the following broad guiding principles:

1. Creating a shared Innovation & entrepreneurship eco-system by increasing interactions of the startup ecosystem stakeholders with each other, with the KIIT TBI, Bhubaneswar (recognized as the lead incubator of Eastern & North Eastern Cluster) becoming a formal mentor incubator of the HIT, post singing of this MOU. This will target identifying the areas of potential collaborations and cooperation, under the mentorship of KIIT TBI.

2. When both the parties need to undertake specific joint projects to increase the regional influence in the east towards innovation & entrepreneurship and to build national and global competitiveness with legally binding obligations,
10. Collaborate to develop and pursue joint proposals for grants from public and private sector towards creation of establishment of rural bio-resource complex in East under biotechnology-based programs for societal development

11. Work collectively to solve R&D problems of industry in East and globally, through consultancy projects.

12. Create consortia with other members to apply for national/international grants for collaborative cutting edge research and development projects.

13. Work together to design and deploy an overall fair and open policy for sharing intellectual property among members in collaborative projects. In specific cases, if required, the intellectual property rights that arise as a result of any collaborative research or activity shall be worked out on a case-by-case basis, and will be consistent with the officially laid down IPR policies of the stakeholders.

**KIIT TBI SUPPORT TO HIT AS MENTOR INCUBATOR**

a) Strategize and support to build a pipeline of promising startups from East for HIT.

b) Assist in Organizing industry-academia collaborative workshops / Seminars / Conferences / showcasing and network meets, design competitions, etc. open to all startups from East region.

c) Support HIT in building formal partnership with various stakeholders, including mentors, investors, universities, research organization, government bodies etc.

d) KIIT TBI will provide assistance to HIT startups/innovators in IP filing, raising funds including government and private investments

e) KIIT TBI will also provide assistance to HIT startups/innovators in conducting clinical trials and meeting regulatory clearances.

f) Work with HIT to create inter-institutional research teams to work with local government (state/municipal) to identify regional issues and to undertake R&D translational projects targeting alleviation of these local issues using latest science and technology solutions.
THE PARTIES AGREE AS FOLLOWS:

1. This MEMORANDUM will come into effect on the day on which it is signed by both the Parties and will be effective for 5 years (Initial Term). The MOU will automatically lapse after five years, unless renewed.

2. Either Party may terminate this MEMORANDUM with three (3) months of written notice to the other Party. However, both parties will put best possible efforts to ensure that all activities in progress are allowed to be completed successfully.

3. Unless otherwise specifically agreed to in writing by the Parties, each Party will bear the respective costs of carrying out the obligations under this MEMORANDUM.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE HEREIN CAUSED THIS MEMORANDUM TO BE EXECUTED THE DAY AND YEAR FIRST ABOVE WRITTEN

Chief Executive Officer (CEO)
KIIT Technology Business Incubator (KIIT-TBI)
KIIT University, Bhubaneswar-751024

Signed for and behalf of – KIIT TBI
Dr Mrutyunjay Suar
CEO, KIIT TBI

Signed for and behalf of – HIT
Mr Asish Lahiri
Secretary, HIT

Secretary
Haldia Institute of Technology

Witness-1
Dr. Namrata Misra
Head-Bioinnovation, KIIT TBI

Witness-2
Dr. Anjan Misra
Registrar, HIT

Registrar
Haldia Institute of Technology
MEMORANDUM OF UNDERSTANDING

Between

[Logos]

Central Institute of Petrochemicals Engineering & Technology
(CIPET:CSTS-Haldia)

&

[Logo]

Haldia Institute of Technology
(HIT-Haldia)
MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) has been entered into on this day of 07/06/2022 between Haldia Institute of Technology, (hereinafter referred to as HIT) having its registered office at ICARE Complex, HIT Campus, P.O. MEHIT, Haldia, Dist: Purba Medinipur, West Bengal, 721607 which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns. The term “HIT” for the purpose of this MOU shall also include the students and faculties of HIT.

&

Central Institute of Petrochemicals Engineering & Technology, Haldia (hereinafter referred to as CIPET:CSTS, Haldia) having its registered office at City centre, P.O.- Dehhog, Haldia, Dist: purba Medinipur, West Bengal, 721657 which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns. The term “CIPET:CSTS, Haldia” for the purpose of this MOU shall also include the students and faculties of CIPET:CSTS, Haldia is an Academic institution for higher & technical education under the Ministry of Chemicals & Fertilizers, Govt. of India. The prime objective of the centre is to cater to the needs of trained manpower for the plastics and Allied industries and render technical and consultancy services such industries. CIPET:CSTS, Haldia is equipped with full-fledged Design Wing, Tool Room, CAD/CAM Section, Plastic Processing Workshop, and Testing Laboratory with R&D activities.

1.0 Background:

1.1 Whereas, CIPET:CSTS, Haldia is having well equipped Training centre to conduct professional courses as well as Long Term and Short term Training programs in the fields of Plastics Technology. It also organizes CAD/CAM and CNC Training for the students and Industrial personnel by using latest software. The Testing laboratory is NABL accredited and BIS recognized for testing of plastic materials and products.

1.2 And, whereas, CIPET:CSTS, Haldia also carries out inspection services of the plastics products being used and procured by the Govt. Departments and organizations and is also involved in Design development and fabrication of moulds and dies, Industrial products etc.

1.3 And whereas, CIPET:CSTS is desirous of:
(i) Imparting training to the students of HIT that includes tailor made training if required in the field of design and drafting including in CAD/CAM and CNC programming.

(ii) Introducing faculty exchange program between CIPET:CSTS and HIT in different streams for mutual benefit.

(iii) Involving the faculties of HIT in design analysis/designing of different industrial products as developed by CIPET:CSTS from time to time.

(iv) Assisting HIT in encouraging the students of HIT towards entrepreneurship.

1.4 And whereas, The Haldia Institute of Technology (HIT) is an autonomous engineering institute in West Bengal, India, established in 1996. It is approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Maulana Abul Kalam Azad University of Technology (MAKAUT). HIT offers thirteen B. Tech, five M.Tech, MCA and MBA courses. Such courses are conducted by highly qualified and adequately experienced faculties.

1.4 And whereas, HIT is desirous of

(i) Enrolling its students pursuing B. Tech courses in Mechanical Engineering in the different industry related courses/programme conducted by CIPET:CSTS including CAD/CAM and CNC programme for the purpose of Internship/In Plant training.

(ii) Enrolling the final year students of HIT to carry out their project work at CIPET:CSTS.

(iii) Encouraging its students more towards entrepreneurship/startups by way of providing them access to the facilities and mentorship available with CIPET:CSTS to enable them to translate their ideas into commercial products.

(iv) Expanding its ambit towards development of different commercial/industrial products with a view to promote Make in India concept and import substitution.

1.5 And whereas both the parties in recognition of their respective needs and capabilities agreed to collaborate in the areas of training, promotion of entrepreneurship, development of commercial/industrial products etc for mutual benefit.
NOW, THEREFORE, BOTH THE PARTIES AGREE TO ENTER INTO AN MOU UNDER THE FOLLOWING TERMS AND CONDITIONS:-

2.0 OBJECTIVE OF THE MOU

(i) To utilize the facilities of the respective parties viz. Faculties, laboratories etc for mutual benefit.

(ii) To train the students of HIT in the fields of Plastics Technology as well as in CAD/CAM and CNC by CIPET:CSTS to equip them as per the industrial requirements.

(iii) To upgrade knowledge & skills of the students of both the HIT and CIPET:CSTS in specific domain/areas and to facilitate them to excel in their workplaces through faculty exchange program.

(iv) To mutually collaborate for designing and development of commercial / industrial products.

3.0 OBLIGATIONS AND RESPONSIBILITIES OF THE PARTIES TO THE MOU

3.1 Obligation of CIPET:CSTS HALDIA:

3.1.1. The CIPET:CSTS HALDIA will conduct the in-plant training courses for the students of HIT along with assessments, practical and site visit components as per its course curriculum on payment basis as per details given at Annexure I.

3.1.2. The CIPET:CSTS HALDIA will award certificate to the students of HIT who will undergo and complete the courses and assessments successfully.

3.1.3. The manner in which the courses to be conducted shall be finalized by HIT and the CIPET:CSTS HALDIA jointly.

3.1.4. The CIPET:CSTS HALDIA will allow the students (of 7th and 8th semester) to be sponsored by HIT to carry out their projects (compatible with the domain area of CIPET:CSTS HALDIA) using the laboratory and other facilities of CIPET:CSTS HALDIA. The CIPET:CSTS HALDIA will also provide necessary guidance to such students in carrying out their project work on payment basis as per details given at Annexure 1.

3.1.5 The CIPET:CSTS HALDIA will identify the areas where they will require the assistance of the faculties of HIT for conducting different courses under faculty exchange program. On the basis of this, HIT will depute the faculty to CIPET:CSTS HALDIA.
3.1.6 The CIPET:CSTS HALDIA may seek need based assistance of HIT for designing and development of different commercial/industrial products.

3.2 Obligations of HIT

3.2.1 HIT will identify the courses from amongst the courses that are offered by CIPET:CSTS HALDIA which will be conducted by the CIPET:CSTS HALDIA.

3.2.2 The students of HIT enrolled for the course to be conducted by the CIPET:CSTS HALDIA will abide by the code of conduct and other norms prescribed by CIPET:CSTS HALDIA.

3.2.3 The HIT will identify the areas where they will require the assistance of the faculties of CIPET:CSTS HALDIA for conducting different courses under faculty exchange program. On the basis of this, CIPET:CSTS HALDIA will depute the faculty to HIT.

3.2.4 The HIT will provide necessary assistance to CIPET:CSTS HALDIA in designing and development of the products.

3.2.5 The HIT will invite CIPET:CSTS Haldia for participating in the Faculty Development Programmes to be arranged by HIT.

3.3 Innovation and Entrepreneurship

3.3.1 CIPET:CSTS HALDIA and HIT will jointly organize different programs for encouragement and incubation of Innovative Ideas and Entrepreneurship

4.0 Commercial Terms

4.1 The commercial terms for fulfilling the objectives of the MOU will be settled separately between CIPET:CSTS HALDIA and HIT on the basis of the mutual norms/guidelines of HIT and CIPET:CSTS Haldia.

5.0 Intellectual property and Copyrights

5.1 Both the parties recognize that the concepts, designs, plans, content, assessments, and process that are developed by either party to this MOU will remain the Intellectual Property and Copyrights of that party at all times.

5.2 Neither party to this MOU will infringe upon the copy right of the other party. If either of the party in need for using or reusing the materials of the other party, it can be done only with the written consent of the other party.

6.0 Effective Date, Term, Dispute Resolution and Termination

6.1 This MOU will be valid for three years effective from the date of signing of the MOU.
6.2 The achievements and progress upon implementation of this MOU will be reviewed by both the parties after completion of every 12 month period from the date of signing of the MOU.

7.0 Implementing Departments

7.1 The Mechanical Engineering Department of HIT will represent HIT for the purpose of this MOU. Similarly Department of Plastics Mould Technology of CIPET:CSTS Haldia will represent CIPET:CSTS Haldia for the purpose of this MOU.

8.0 NOTICE

8.1 Arbitration Clause: "In case of any dispute arises it will be solved amicably by mutual understanding and if it is not solved, then it will be referred to an Arbitration as per Arbitration Act 1996 by a Sole Arbitrator appointed by the parties mutually".

8.2 The address of the Parties for all Communication are as mentioned below:

<table>
<thead>
<tr>
<th>Person to act as Point of Contact (Name, Designation and Phone/Mobile No, email id)</th>
<th>CIPET:CSTS Haldia</th>
<th>HIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Arindam Patra Training Incharge 9002065809</td>
<td>City Centre, P.O.-Debhog, Dist: Purba Medinipur, West Bengal, 721657</td>
<td>ICARE Complex, HIT Campus, P.O. HIT, Haldia, Dist: Purba Medinipur, West Bengal, 721607</td>
</tr>
<tr>
<td>Email id of the parties to the MOU</td>
<td><a href="mailto:trainingcipet.haldia@gmail.com">trainingcipet.haldia@gmail.com</a></td>
<td><a href="mailto:gkbose@yahoo.com">gkbose@yahoo.com</a></td>
</tr>
</tbody>
</table>

IN WITNESS WHEREOF, the representative of the parties to this MoU being duly authorized have hereunto set their hands and have executed those present this.

Signed on behalf of CIPET:CSTS Haldia

Mr. D. Bhattacharya
Director & Head

Witness
Mr. Arindam Patra
Training Incharge

Signed on behalf of HIT

Prof. (Dr.) Subrata Mondal
Principal
Haldia Institute of Technology

Witness
Dr. Goutam Kumar Bose
Head: Dept of Mechanical Engineering
<table>
<thead>
<tr>
<th>Sl.</th>
<th>Course</th>
<th>Duration (Days/ Hours)</th>
<th>Course fees</th>
<th>GST (18%)</th>
<th>Fees (Including GST)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AUTOCAD</td>
<td>60 HRS.</td>
<td>4500</td>
<td>810</td>
<td>5310</td>
</tr>
<tr>
<td>2</td>
<td>CAD using CREO</td>
<td>80 HRS.</td>
<td>7000</td>
<td>1260</td>
<td>8260</td>
</tr>
<tr>
<td>3</td>
<td>CAD using AUTOCAD &amp; CREO</td>
<td>120 HRS.</td>
<td>11000</td>
<td>1980</td>
<td>12980</td>
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<tr>
<td>4</td>
<td>Simulation Software DELCAM</td>
<td>60 HRS.</td>
<td>5500</td>
<td>990</td>
<td>6490</td>
</tr>
<tr>
<td>5</td>
<td>CNC (Milling or Lathe or EDM)</td>
<td>80 HRS.</td>
<td>7000</td>
<td>1260</td>
<td>8260</td>
</tr>
<tr>
<td>6</td>
<td>CNC Milling, Lathe &amp; EDM (Any Two)</td>
<td>150 HRS.</td>
<td>13000</td>
<td>2340</td>
<td>15340</td>
</tr>
<tr>
<td>7</td>
<td>CNC Milling, Lathe &amp; EDM</td>
<td>220 HRS.</td>
<td>20000</td>
<td>3600</td>
<td>23600</td>
</tr>
<tr>
<td>8</td>
<td>Conventional Machine (Lathe, Milling, Grind any two)</td>
<td>40 HRS.</td>
<td>3500</td>
<td>630</td>
<td>4130</td>
</tr>
<tr>
<td>9</td>
<td>Processing (Injection &amp; Blow moulding)</td>
<td>40 HRS.</td>
<td>3500</td>
<td>630</td>
<td>4130</td>
</tr>
<tr>
<td>10</td>
<td>Product Testing methods &amp; Quality control</td>
<td>40 HRS.</td>
<td>5000</td>
<td>900</td>
<td>5900</td>
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<td>11</td>
<td>Tailor-made program</td>
<td>60 HRS.</td>
<td>4500</td>
<td>810</td>
<td>5310</td>
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<tr>
<td>12</td>
<td>Inplant Training</td>
<td>15 Days</td>
<td>4500</td>
<td>810</td>
<td>5310</td>
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<tr>
<td>13</td>
<td>Inplant Training</td>
<td>30 Days</td>
<td>7000</td>
<td>1260</td>
<td>8260</td>
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</tbody>
</table>

**NB:**
1) courses start on 1st working day of every month or mutually agreed.
2) 2 hours per day or as required.
3) 10% discount will be provided against minimum 10 students per batch.
4) 20% discount will be provided against more than 25 students per batch.
5) No discount for Serial no 14.