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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

PROJECT IMPLEMENTATION UNIT (PIU) - JALPAIGURI

Sevoke Road, Jyotinagar, Near Don Bosco School, Siliguri - 734001 (W.B.)

Tel. : 0353-2540565, e-mail : sil@nhai.org, piusiliguri@gmail.com



SLG/25014/2020-21/Misc./ 918

12.12.2020

संदर्भ / Ref. No.
To

दिनांक / Dated

Dr. Pradosh Kumar Adhvaryu
Director
Siliguri Institute of Technology,
Sukna, Siliguri (West Bengal)

Sub.: Memorandum of Understanding (MOU) for working together with mutual co-operation for dissemination of respective expertise in Civil/Highway Engineering field through the road infrastructure development - reg.

Ref: 1. Chairman, NHAI DO no. NHAI/Misc./Adoption/2020 dated 12.06.2020.
2. RO-Kolkata letter no. NHAI/RO-KOL/001/2020/Adoption of NHs/1512 dated 04.11.2020.

Ref: 1. Chairman, NHAI DO no. NHAI/Misc./Adoption/2020 dated 12.06.2020.
2. RO-Kolkata letter no. NHAI/RO-KOL/001/2020/Adoption of NHs/1512 dated 04.11.2020.
3. T.O letter no. SLG/25014/2020-21/Misc./875 dated 04.12.2020.
4. Director, Siliguri Institute of Technology e-mail dated 07.12.2020.
5. T.O letter no. SLG/25014/2020-21/Misc./912 dated 10.12.2020.

Sir,

Please refer your e-mail dated 07.12.2020 vide which your consent for MOU with NHAI regarding mutual co-operation for dissemination of respective expertise in Civil/Highway Engineering field through the road infrastructure development was communicated.

In this connection, it is requested to sign the memorandum on behalf of Siliguri Institute of Technology, Salbari, Sukna, Siliguri which is already signed by CGM(T)/RO-Kolkata on behalf of NHAI.

Yours faithfully

(Sanjeev K. Sharma)

General Manager & Project Director

Encl.: As above.

Copy for kind information to:

1. The CGM (Tech.) & RO, NHAI, Kolkata.

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this 22nd day of Dec 2020 by and between:

National Highways Authority of India (NHA) which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns), of the First party;

AND

The **Siliguri Institute of Technology, Salbari, Sukna, Siliguri-734009** (hereinafter called as **The Technical Institute** which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the Second Party.

WHEREAS,

Both **the Technical Institute (TI)** and NHA are desirous of working together with mutual cooperation for dissemination of respective expertise in civil/highway engineering field through the road infrastructure development.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT:

National Highways Authority of India (NHA) intends to associate the **TI** who shall voluntarily contribute its share of experience for betterment of the highway infrastructure.

2. SCOPE OF THE MOU

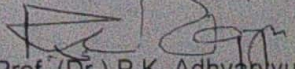
The primary scope of MOU inter alia includes the following:

(i) NHA shall facilitate the faculty, researchers and students of the Institute to familiarize with the latest trends in the highway/transportation/bridge engineering/structural engineering/Geotechnical Engineering sector with a common objective of sharing the knowledge in their respective domain which may lead to joint supervision of Ph.D research and projects of postgraduate students. This will, in one hand, facilitate to bridge the industry institute gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by NHA and the Technical Institute.

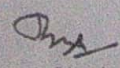
(ii) The Institute shall adopt nearby stretches of NHs as specified in the **Appendix-1** as a voluntary initiative under ambit of Institutional Social Responsibility (ISR). **The list of stretches may be modified by deletion/addition by mutual consent of NHA and the Technical Institute.**

(iii) The adopted stretch may be used as a field of study for faculty researchers and students.

(iv) NHA shall offer internship to **20 number of undergraduate/postgraduate** students of the Institute for 2 months duration in a year extendable from time to time.


Prof. (Dr.) P.K. Adhvaryyu.
Director
Siliguri Institute of Technology
Siliguri

Director
Siliguri Institute of Technology


R.P. Singh
CGM(T)/RO
NHA, Kolkata

(v) NHAI shall pay stipend @ Rs.8,000/- (Rupees Eight Thousand only) per month for Undergraduate students and @ Rs. 15,000/- (Rupees Fifteen Thousand only) per month to Postgraduate students. All other arrangements including stay shall be responsibility of the Institute. However, depending upon availability, NHAI may extend transportation facility to the interns within the project jurisdiction.

(vi) Both the parties may form joint research groups leading to students projects at different levels and collaborative research programmes.

(vii) Both the parties may jointly organize events such as seminars, workshops, conferences and training programmes.

(viii) No party shall have the right to use the name or logo of the other party without the prior approval of that party in writing.

(ix) The terms of this MoU may be modified/amended at any time subject to mutual written agreement. Such modifications/changes shall be effective from the date on which both the parties execute them in writing.

(x) Any other research collaboration not covered above, shall have separate agreement/terms of contract that addresses issues such as Intellectual Property Right (IPR), funding pattern, disclosure of confidential information etc.

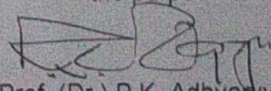
(xi) Any other matter(s), as mutually agreed, which are not covered above.

3. Roles and Responsibilities:

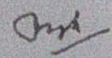
The scope of this MOU shall be carried out in a collaborative mode between NHAI and the Technical Institute. The Roles & Responsibilities of NHAI and the Technical Institute in performing the defined objective shall be as follows:

NHAI

- a. NHAI shall provide the list of potential candidate National Highway for adopting by the Technical Institute.
- b. NHAI shall facilitate availability of relevant data required with specific reference to the above stretches through its field office/consultant/concessionaire/contractor engaged in the project.
- c. NHAI will nominate an officer as a Node of contact for all correspondence in carrying out the defined objective.
- d. NHAI shall facilitate the faculty, researchers and students of the Institute to give access to the site of the identified stretch being adopted by the Technical Institute, relevant documents for the purpose of activities to be carried by these intellectuals of the Institute.


Prof. (Dr.) P.K. Adhvaryu
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Siliguri Institute of Technology
Siliguri

Director
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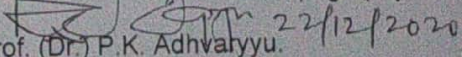

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NHAI, Kolkata

- e. NHAI through its field office/Consultant/Concessionaire/Contractor engaged in the project, as per reasonable requirement, will disseminate and familiarize the latest trends and know how in highway/transportation/bridge engineering/structural engineering/Geotechnical Engineering(s) sector in general and the identified project in specific to the authorized faculty, researchers and students of the Institute;
- f. NHAI may suitably adopt the research output and feedback received from the Technical Institute in practice for qualitative improvement as deemed fit at appropriate stage of implementation.
- g. NHAI may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material and improving quality of roads/bridges.
- h. The NH stretch adopted can be co-branded with the associated technical institute by NHAI

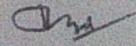
The Technical Institute

- a. The Institute shall adopt stretches of NHs as specified in the **Appendix-1** as a voluntary initiative.
- b. The Technical Institute through its authorized faculty, researchers and students will carry out periodic investigation on formal demands/intimation and give suitable suggestions for improving the efficiency of existing highway asset covering the following aspects:
 - (i) Improvements in safety provision by removing existing deficiencies;
 - (ii) Improvements in continual existing maintenance of the stretch using new alternatives/technologies;
 - (iii) Localized solutions for removal of congestion points, if any, so as to increase the average speed of traffic flow;
 - (iv) Improvements in the riding comfort through cost effective measures, if required, based on innovative technologies on practices applicable in the area;
 - (v) Viability of new way side amenities for road user based on the existing traffic pattern and user expectations;
 - (vi) Potential and probable solutions to old recurring problems based on local experience etc., wherever applicable.
 - (vii) Improvements in structural performance of bridges using new technologies;
 - (viii) Any other matter(s) such as structural performance audit of bridges, implementation of new innovative alternative technologies and construction materials, etc. on mutual agreement, which are not covered above;

c. The Institute may also associate with the Consultant/NHAI during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the site climate, topography and resource potential for better socioeconomic outcome.


Prof. (Dr.) P.K. Adhvaryu. 22/12/2020
Director
Siliguri Institute of Technology
Siliguri

Director
Siliguri Institute of Technology

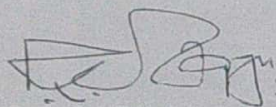

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NHAI, Kolkata

d. The Technical Institute will nominate a nodal officer for all correspondence in carrying out the defined objective as well as inform from time to time.

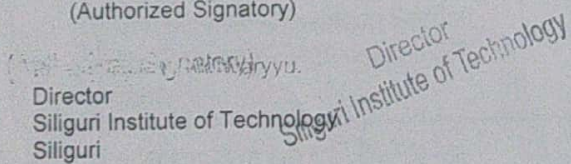
4. EFFECTIVE DATE AND PERIOD OF MOU

This MoU shall come into effect for all its intents and purposes from the immediate effect and shall remain valid for a period of 5 years from the date of signing. In the event of any dispute or difference arising in the implementation of the MoU, such disputes shall be resolved amicably by mutual discussions by both parties. All such decisions shall take into account the status of students working/projects under this arrangement and the interest of such students/projects shall be protected. The MoU may be terminated by mutual consent by either party by giving 60 days' notice in writing to the other party.

For the Technical Institute
Siliguri Institute of Technology, Sukna, Siliguri


22/12/2020
Prof. (Dr.) P.K. Adhvaryu.

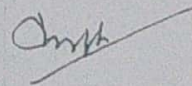
(Authorized Signatory)


Director
Siliguri Institute of Technology
Siliguri

Witness:

1. Mahadeb Das,
Assistant Prof, CE, HOD
Siliguri Institute of Technology,
Siliguri, 7319576351 (contact)
2. Prof's Barma
Assistant Professor, CE
Siliguri Institute of Technology
Contact - 8906547938

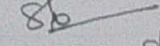
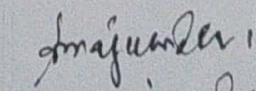
For National Highways Authority of India



(Authorized Signatory)

R.P. Singh
CGM(T)/RO
NHA, Kolkata

Witness:

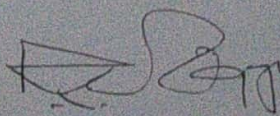
1. 
Sanjeev Kumar Sharma
PS - Jalpaiguri.
2. 
(S. Majumdar).
JAO.

APPENDIX-1

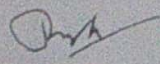
The Institute shall adopt the following stretches of NHs as a voluntary initiative under the ambit of Institutional Social Responsibility (ISR).

Sl. No	Details of the stretch (from Chainage to Chainage)	NH No	Length (in km)	Stage of implementation (completed/ under construction/ under maintenance/ project preparation)	Remarks
1	Rehabilitation and upgradation to 4-laning of NH-31D from km 0.00 to km 83.785 (Pkg-1) Ghoshpukur-Salsalabari Section in the State of West Bengal on EPC Basis.	31D	83.785	Under construction	
2	Rehabilitation and upgradation to 4-laning of NH-31D from km 113.200 to km 154.854 (Pkg-IIA) Ghoshpukur-Salsalabari Section in the State of West Bengal on EPC Basis.	31D	41.654	Under construction	
3	4-laning from km 447.000 to km 551.000 on NH-31 of Dalkhola-Islampur-Ghoshpukur section in the State of West Bengal.	31	104.000	Completed and under Operation & Maintenance	

Above list of stretches may be modified by deletion/addition by mutual consent of NHAI and the Technical Institute.


22/12/2020
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