

NATIONAL CONFERENCE ON GREEN STUDIES



Ravenshaw University
Cuttack

DEPARTMENT OF ENGLISH
RAVENSHAW UNIVERSITY
CUTTACK

Ms/Mr/Dr.*Dolika Jyoti Sharma*.....

participated / chaired a session / presented a paper on*Community and Nature*.....

at.....*Reading of Amilak Ghosh's The Hungry Tide*..... at the National Conference on

Rethinking Nature : Relevance of Contemporary Green Studies on 12-13 January 2013.

Mati
CONVENOR

Signature

Madhusmita Pati
Head , Department of English



Department of English & Foreign Languages, Tezpur University

National Seminar on

The Practice of Everyday Life in North-East India An Interdisciplinary Approach

14-15 March 2014

Certificate of Participation

This is to certify that Dolikajyoti Sharma, Assistant Professor, Department of English, Gauhati University, participated in the National seminar on "The Practice of Everyday Life in North-East India: An Interdisciplinary Approach." organized by Department of English & Foreign Languages, Tezpur University and sponsored by Indian Council of Social Science Research.

The participant presented a paper titled "Writing Everyday Lives of Women: A Reading of Lekhikar Galpa (Stories Written by Women Writers: A Collection of Short Stories Written by Thirty Women Writers Since 1928)" in the seminar.

Sanjib Sahoo
Sanjib Sahoo
Convener
Dept. of EFL, Tezpur University

Sarmistha Das
Joint Convener
Dept. of Sociology, Tezpur University

P.K. Das
Professor & Head
Dept. of EFL, Tezpur University

INDIAN ASSOCIATION FOR COMMONWEALTH LANGUAGE AND LITERATURE STUDIES
&
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES
INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

**Location, Identity, Solidarity: Hegemonic Formations and Contestations
(With a Special Focus on the Northeast)**

Guwahati, 15-17 February 2017

Dohrajyoti Sharma

This is to certify that _____
participated in/ chaired a session/ presented a paper titled

*The Question of 'Location'
Reading Place in Writings from and on the Northeast*

at the IACLALS Annual conference on **Location, Identity, Solidarity: Hegemonic Formations
and Contestations (With a Special Focus on the Northeast)**

Rohini Mokashi-Punekar

Prof. Rohini Mokashi-Punekar
Professor, Dept. of HSS
Indian Institute of Technology Guwahati

Prof. GJV Prasad

Prof. GJV Prasad
Chairperson,
IACLALS



IITG



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Certificate Serial No: AELTO/TSP-Guwahati/RECT/2022/0009

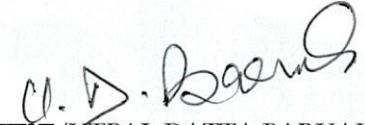
Date: 18/10/2022

प्रमाण पत्र
Certificate

यह प्रमाणित किया जाता है कि श्री/सुश्री. **दोलिकाज्योति शर्मा** ने विमानन अंग्रेजी भाषा प्रशिक्षण संगठन / परीक्षण सेवा प्रदाता , भारतीय विमानपत्तन प्राधिकरण (एईएलटीओ / टीएसपी) , भारतीय विमानपत्तन प्राधिकरण, एटीएस कॉम्प्लेक्स, एल जी बी आई एयरपोर्ट गुवाहाटी-781015 द्वारा आयोजित विमानन अंग्रेजी प्रशिक्षक और अंग्रेजी भाषा विशेषज्ञ (रेटर्स - 2) के लिए ऑनलाइन आवर्ती प्रशिक्षण के 24घंटे दिनांक **15.10.2022** से दिनांक **18.10.2022** तक सफलतापूर्वक पूरे कर लिये हैं।

*This is to certify that Mr./Ms. **DOLIKAJYOTI SHARMA** has successfully completed 24 hours of Online recurrent training for **Aviation English Trainers and English Language Experts (Raters-2)** organized by Aviation English language Training Organisation/Testing Service Provider, Airports Authority of India, ATS Complex, LGBI Airport, Guwahati- 781015 from **15.10. 2022** to **18.10. 2022**.*

DGCA approval No. 05/2020


(उत्पल दत्ता बरुआ /UTPAL DATTA BARUAH)
संयुक्त महाप्रबंधक (वा.या.प्र.)/Jt. GM (ATM)
प्रशिक्षण प्रमुख/Head of Training

कृते उत्तरदायीप्रबंधक /For Accountable Manager
डी.जी.सी.ई. अनुमोदन संख्या-05/2020/DGCA Approval No-05/2020
एईएलटीओ टीएसपी-गौहाटी/AELTO/TSP-Guwahati
भारतीय विमानपत्तन प्राधिकरण/Airports Authority Of India
एटीएस कॉम्प्लेक्स-ATS Complex
एलजीबीआई हवाईअड्डा/LGBI Airport Guwahati-781015



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



Ref: AAI/GHT/ATM/AEL/F-1/

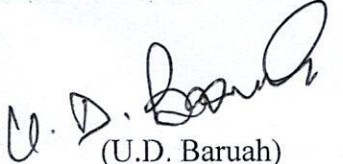
Date: 23/11/2022

OFFICE NOTE

Subject: Constitution of AELP Test team – reg.

AELP test team for conduct of AELP Assessment on 28.11.2022 is constituted as below:

Date & Time	Test Taker (Name & Designation)	AELP Test Members
28/11/2022 (0930-1800 Hrs IST)	1. Pankaj Dimari, DGM 2. Rahul Verma, SM 3. Gaurav Jain, SM 4. Praveen Kumar, SM 5. Md. Shahid Perwez, JE 6. Abhishek Kumar, JE	<u>Interlocutors/Rater1</u> i. Nikunja Talukdar ii. Shyam Kamei iii. Rajesh Nath iv. Ripun Borah v. Debashis Das <u>Rater 2</u> Dr.Dolikajyoti Sharma


(U.D. Baruah)
Jt. GM (ATM)
Head of Training
AELTO/TSP, Guwahati
LGBI Airport, Guwahati.

To, (Rater 1/ Interlocutor)

1. Nikunja Talukdar
2. Shyam Kamei
3. Rajesh Nath
4. Ripun Borah
5. Debashis Das

Rater 2

Dr.Dolikajyoti Sharma

CC:

Accountable Manager

प्रशिक्षण प्रमुख/Head of Training

ए.ई.एल.टी.ओ-टी. एस.पी, गुवाहाटी

AELTO-TSP Guwahati

डी.जी.सी.ए लाइसेंस नंबर: ०५-२०२०

DGCA License Number: 05/2020

एल.जी.बी.आई एयरपोर्ट, गुवाहाटी

LGBI Airport, Guwahati



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Certificate Serial No: AELTO/TSP-Guwahati/RECT/2023/0002

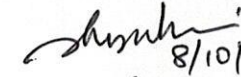
Date: 08/10/2023

प्रमाण पत्र
Certificate

यह प्रमाणित किया जाता है कि श्री/सुश्री. **दोलिकाज्योति शर्मा** ने विमानन अंग्रेजी भाषा प्रशिक्षण संगठन / परीक्षण सेवा प्रदाता, भारतीय विमानपत्तन प्राधिकरण (एईएलटीओ / टीएसपी), भारतीय विमानपत्तन प्राधिकरण, एटीएस कॉम्प्लेक्स, एल जी बी आई एयरपोर्ट गुवाहाटी-781015 द्वारा आयोजित विमानन अंग्रेजी प्रशिक्षक और अंग्रेजी भाषा विशेषज्ञ (रेटर्स - 2) के लिए ऑनलाइन आवर्ती प्रशिक्षण के 24 घंटे दिनांक **05.10.2023** से दिनांक **08.10.2023** तक सफलतापूर्वक पूरे कर लिये हैं।

*This is to certify that Mr./Ms. **DOLIKAJYOTI SHARMA** has successfully completed 24 hours of Online recurrent training for Aviation English Trainers and English Language Experts (Raters-2) organized by Aviation English language Training Organisation/Testing Service Provider, Airports Authority of India, ATS Complex, LGBI Airport, Guwahati- 781015 from **05.10. 2023** to **08.10. 2023**.*

DGCA approval No. 05/2020


8/10/2023

(श्याम कमाई / SHYAM KAMEI)

उप महाप्रबंधक (वा.या.प्र.)/ DGM (ATM)

प्रशिक्षण प्रमुख/Head of Training

कृते उत्तरदायी प्रबंधक /For Accountable Manager
डॉ.जी.सी.ए. अनुमोदन संख्या-05/2020/DGCA Approval No-05/2020
एईएलटीओ टीएसपी-गौहाटी/AELTO/TSP-Guwahati
भारतीय विमानपत्तन प्राधिकरण/Airports Authority Of India
एटीएस कॉम्प्लेक्स-ATS Complex
ऐलजीबीआई हवाई अड्डा/LGBI Airport Guwahati-781015



Conduct of Aviation English Language Proficiency (AELP) assessment by English Language Experts.

1 message

AELTO, Guwahati <aelto.ght@aai.aero>
To: anjalidaimari@gauhati.ac.in <anjalidaimari@gauhati.ac.in>
Cc: dolikajyoti@gauhati.ac.in <dolikajyoti@gauhati.ac.in>

Mon, Sep 18, 2023 at 11:21 AM

To,

The Head of Department,
Department of English,
Gauhati University

Subject: Permission for conduct of Aviation English Language Proficiency (AELP) assessment by English Language Experts.

Madam,

Greetings from Airports Authority of India!!!

At the outset, Airports Authority of India extends our sincere gratitude to your esteemed institution/department and the faculties for your invaluable support in successful conduct of various activities related to Aviation English Language Proficiency from time to time.

Aviation English Language Training Organization/Training Service Provider (AELTO/TSP)-Guwahati is conducting Aviation English Language Proficiency Assessment of Air Traffic Controllers (ATCOs) on 19th September 2023 from 0930 to 1800 Hrs IST. These assessments are mandatory for ATCOs in order to discharge their duties. Hence, it is requested to kindly extend your support yet again for conduct of the AELP Assessment on 19th September 2023.

We would like to request your good office to allow the following English Language Experts of ALTO/TSP-Guwahati from your department to conduct the AELP Assessment as per schedule appended below:

1. Dr Anjali Daimari - 1400 to 1800 Hrs IST
2. Dr Dolikajyoti Sharma- 0930 to 1330 Hrs IST

Looking forward to your co-operation.

Warm regards

Shyam Kamei

DGM(ATM)

Head of Training

AELTO/TSP- Guwahati

Disclaimer

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भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



Ref: AAI/GHT/ATM/AEL/F-1/

Date: 06/04/2023

OFFICE NOTE

Subject: Constitution of AELP Test team – reg.

AELP test team for conduct of AELP Assessment on 12.04.2023 is constituted as below:

Date & Time	Test Taker (Name & Designation)	AELP Test Members
12/04/2023 (1100-1700 Hrs IST)	Md Abdul Matlib, AGM(ATM) Ragini Verma, SM(ATM) Hitesh Kumar, JE(ATC) Nagrare Shailendra Prabhudas, JE(ATC)	<u>Interlocutors/Rater1</u> i. Nikunja Talukdar ii. Nirmal Lama <u>Rater 2</u> Dr. Dolikajyoti Sharma

U. D. Baruah
06/04/23

(U.D. Baruah)
Jt. GM (ATM-SQMS)
Head of Training
AELTO/TSP-Guwahati
LGBI Airport, Guwahati.

To,

AELP Test Members (as above)

CC:

Accountable Manager

प्रशिक्षण प्रमुख/Head of Training
ए.ई.एल.टी.ओ.टी. एस.पी, गुवाहाटी
AELTO-TSP Guwahati
डी.जी.सी.ए लाइसेंस नंबर: ०५-२०२०
DGCA License Number: 05/2020
एल जी.बी.आई एयरपोर्ट, गुवाहाटी
LGBI Airport, Guwahati



Ref: AAI/GHT/ATM/AEL/F-1/

Date: 06/02/2024

OFFICE NOTE

Subject: Constitution of AELP Test team – reg.

AELP test team for conduct of AELP Assessment on 12.02.2024 is constituted as below:

Date & Time	AELP Test Members
12/02/2024 (1015-1315Hrs IST)	<u>Interlocutor/Rater1</u> i. Nikunja Kumar Talukdar ii. Shyam Kamei <u>Rater 2</u> Dr. Dolikajyoti Sharma
12/02/2024 (1400-1700 Hrs IST)	<u>Interlocutor/Rater1</u> i. Nikunja Kumar Talukdar ii. Shyam Kamei <u>Rater 2</u> Dr. Suranjana Barua

(Shyam Kamei)
DGM (ATM)
Head of Training
AELTO/TSP-Guwahati
LGBI Airport, Guwahati.

To,
AELP Test Members (as above)

CC:
Accountable Manager

प्रशिक्षण प्रमुख/Head of Training
ए.ई.एल.टी.ओ-टी. एस.पी, गुवाहाटी
AELTO-TSP Guwahati
डी.जी.सी.ए लाइसेंस नंबर: ०५-२०२०
DGCA License Number: 05/2020
एल.जी.बी.आई एयरपोर्ट, गुवाहाटी
LGBI Airport, Guwahati



GAUHATI UNIVERSITY

GOPINATH BARDOLOI NAGAR : GUWAHATI-14, ASSAM :: INDIA

website www.gauhati.ac.in; email registrar@gauhati.ac.in

Ref. No. GU/AFF/2021/

Date : _____

From: Dr. Hemanta Kr. Nath, M.A., Ph.D.
Registrar,
Gauhati University

To: The Principal,
National Institute of Public Co-Operation and Child Development, Regional Centre,
Jawaharnagar, Khanapara,
Guwahati- 781022, Assam.

Sub : Permission to open Advanced Diploma in Child Guidance and Counselling course
from the session 2020-21.

Sir/Madam,
I am forwarding herewith a copy of the Executive Council Resolution Vide No.R/
EC-07/2020/60(B) (21) dated 22.12.2020 on the above subject for your information and necessary
action.

You will be required to give an undertaking that the Principal and the College
teachers will perform the examination work as an when required by the University.

Receipt of the enclosures may please be acknowledged.

Enclo : As stated

Yours faithfully,

Sd/-

Registrar & Secretary,
Executive Council, G.U.

Ref. No. GU/AFF/2021/ 434-37
Copy forwarded for information and necessary action to :

Date : 10/2/21

1. The Director of Higher Education, Assam, Kahilipara, Guwahati-19.
2. The Director, College Development Council, G.U.
3. The Controller of Examinations, G.U.


Registrar & Secretary,
Executive Council, G.U.

10/2/2021

E.C. Res.No. R/EC-07/2020/60(B) (21) dated 22.12.2020

NATIONAL INSTITUTE OF PUBLIC CO-OPERATION AND CHILD DEVELOPMENT, REGIONAL CENTRE, JAWAHARNAGAR, KHANAPARA,

Sub: Permission to open Advanced Diploma in Child Guidance and Counseling course from the session 2020-21.

DECISION OF THE EXECUTIVE COUNCIL:

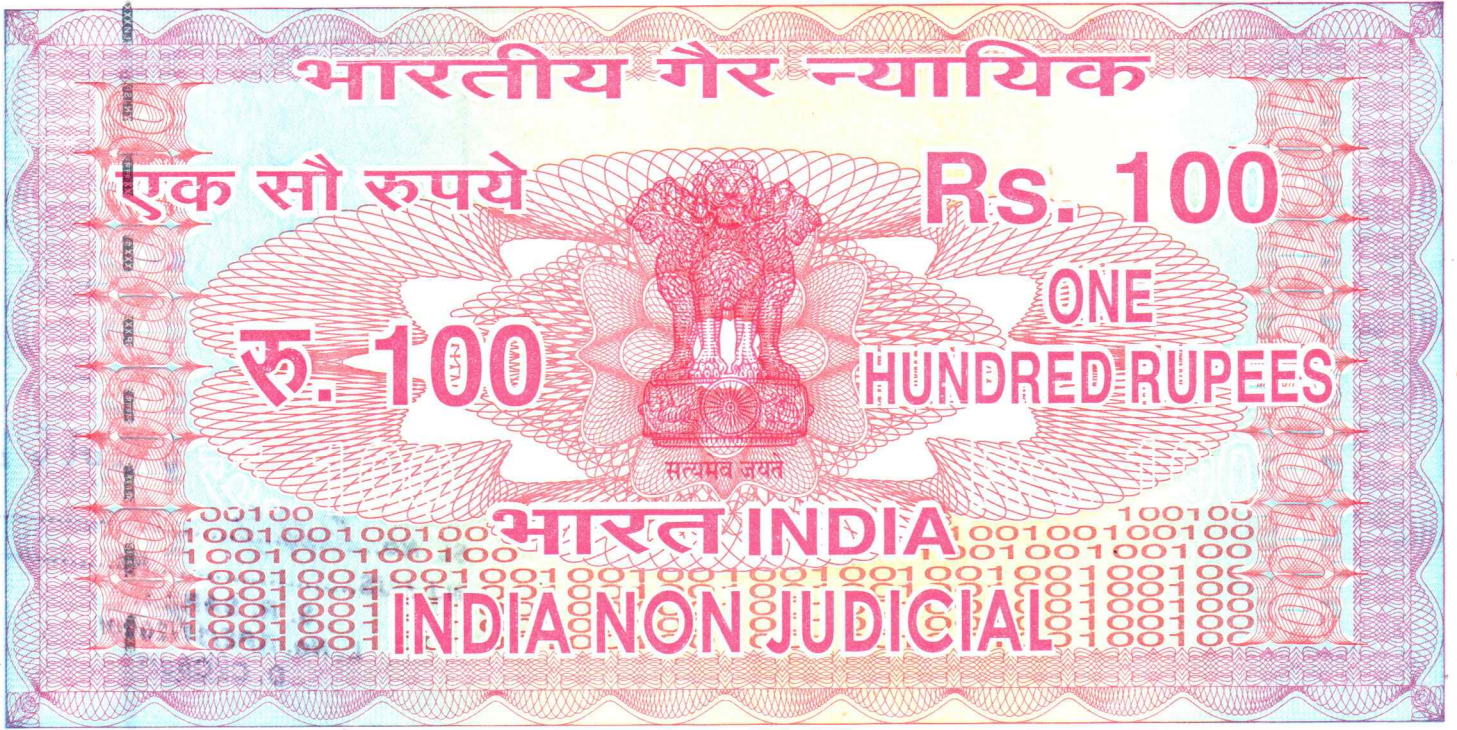
RESOLVED that the College be granted Permission to open Advanced Diploma in Child Guidance and Counseling course from the session 2020-21:

Intake Capacity: 20 (Twenty)

RESOLVED also that a copy of the Resolution be sent to :

1. The Director of Higher Education, Assam, Kahilipara, Guwahati-19, for information and necessary action.
2. The Director, College Development Council, G.U.
3. The Principal, National Institute of Public Co-Operation and Child Development, Regional Centre, Jawaharnagar, Khanapara, Guwahati- 781022 for information and necessary action.
4. The Controller of Examinations, G.U. for information and necessary action.

CERTIFIED COPY
10/9/2024
Superintendent
Affiliation & Registration Branch
Gauhati University



असम ASSAM

F 572521

Preamble

This Memorandum of Understanding (this "MOU") made on this 11th day of February two thousand and twenty two on behalf of the Department of Biotechnology, Gauhati University, Guwahati 781014, Assam, India, (hereinafter referred to as "GUBIT") and Dritu Research and Technology LLP, House No. 308, Second floor (Above Shubham Sweets), Beltola-Basistha Road, Guwahati-781028, Kamrup Metro, Assam, (hereinafter referred to as "DRT"). The GUBIT and DRT, collectively referred to as the "Parties",

RECOGNIZING their mutual interest in research, development, education and technology transfer on a non-commercial basis, and also

RECOGNIZING the global nature of today's business, industrial and social problems, and the need to address them through Mutual cooperation,

HEREBY agree to encourage collaboration according to the terms and conditions set forth in the following articles.

Article 1: Fields of Collaboration

GUBIT and DRT may collaborate within any mutually agreeable field of research, technical support, product development and education.

Article 2: Exchange of Faculty and Research Scholars

2.1 GU and DRT will encourage collaboration in research and education in areas of mutual interest, through reciprocal arrangements for faculty and research scholar exchanges.

2.1.1 As feasible, and contingent upon cognizant parent organization or departmental approval, the administrations of the two institutions agree to assist in developing scientific interactions and research collaboration and submission of joint research proposals.

2.1.2 Both parties must agree upon the specific terms of any inter-institution initiative relative to this agreement in written or electronically recorded correspondence at least three months prior to the initiation of a particular program or activity in order for the said initiative to proceed.

2.1.3 Each host institution, in the pre-visit agreement correspondence, will also coordinate support with the visiting institution for PI laboratory space appropriate to the level and purpose of the visit, subject to the availability of resources.

Article 3: Intellectual Property, Inventions and Innovations

The terms with respect to title to and exploitation of intellectual property (including trademarks and service marks, copyrights, patents designs and confidential information on the subject of such intellectual property, inventions and innovations) will be negotiated on a project-by-project basis and case to case basis in the specific research project agreements and broadly governed by the IPR policy of both institutions. Information on research results and scientific materials (reports, articles, books) pertaining to the project work will be exchanged freely keeping in mind the mutually agreed provision of Intellectual Property Rights. All Intellectual Property solely conceived and/or developed by DRT during the course of this Agreement shall be owned by DRT. All Intellectual Property solely conceived and/or developed by GU during the course of this Agreement shall be owned by GUBIT. Intellectual Property jointly conceived and/or developed by GUBIT and DRT will be jointly owned by GUBIT and DRT. For purposes of this Agreement, the term "Intellectual Property" shall mean any and all works and property including, but not limited to, all intellectual properties, ideas, inventions, concepts, products, improvements, innovations, discoveries, developments, methods, formulas, techniques, software, knowhow and writings made, conceived, reduced to practice, developed, written, or prepared by a party, whether or not patentable or copyrightable and whether made solely by that party or jointly with other third parties. GUBIT and DRT agree to collaborate towards the protection, if appropriate, and application of such Intellectual Property for commercial or other purposes on mutually acceptable terms to be negotiated in good faith between the parties specific to each project and separate from this MOU. The financial arrangement relating to each joint research project will be in accordance with the specific agreement covering each project.


Article 5: Administration and General Provisions

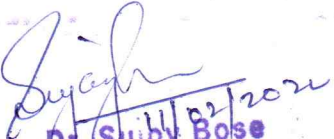
5.1 This MoU shall have an initial duration of three years from the date of signature, unless either party gives a six-month notice of termination.

5.2 Despite the statements and obligations expressed herein, this MoU is a nonbinding expression of the current intentions of the Parties, and neither Party will incur nor be bound to any legal obligations or expense hereunder to the other Party until and unless definitive agreements have been negotiated, approved by the necessary management levels of each Party and executed and delivered by authorized representatives of both Parties.

This MoU is signed subject to approval by the appropriate authorities on both sides.

Witnesses:

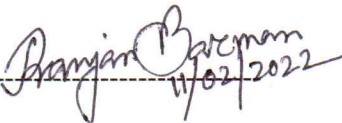
1.  11/02/2022
Prady Kumar Sarma, Ph.D
Assistant Professor
Dept. of Biotechnology
Gauhati University
Guwahati-14

2.  11/02/2022
Dr. Sujoy Bose
Associate Professor
Dept. of Biotechnology
Gauhati University
Guwahati- 14, Assam

Witnesses:

1.

2.

Signed by  11/02/2022

 Ph.D.
Assistant Professor,
Department of Biotechnology
(Designation)
Gauhati University
Guwahati-781014

On behalf of the Department of Biotechnology, Gauhati University



Signed by -----

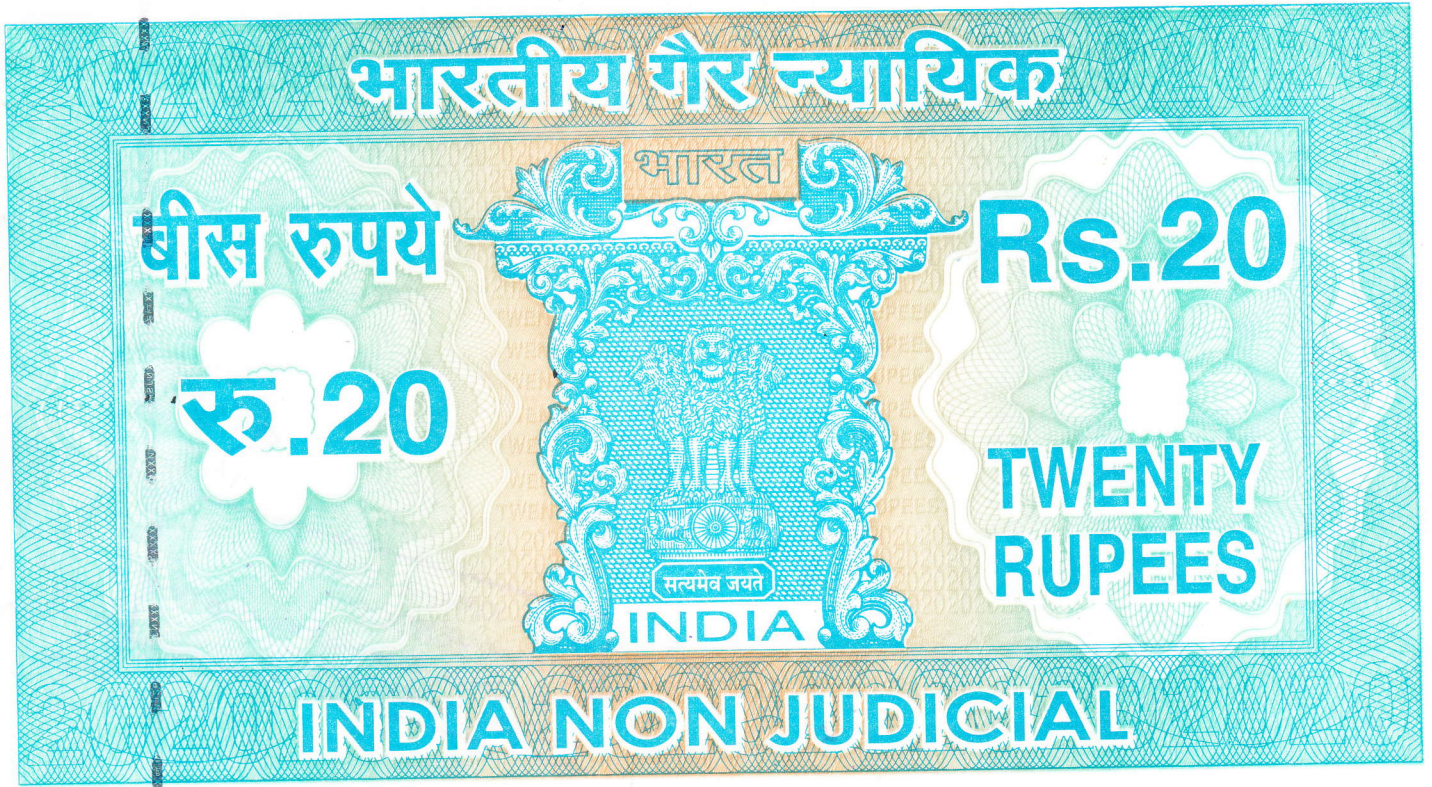
Dr Swapan Kumar Sinha
Director.

(Designation)



For and on behalf of Dritu Research and Technology LLP.

 Hiranya Thakuria (Director)




অজম অসম ASSAM

19AA 295269

MEMORANDUM OF UNDERSTANDING BETWEEN
OIL INDIA LIMITED
AND
GAUHATI UNIVERSITY, GUWAHATI

Memorandum of Understanding is made on the 5th day, in the month of July, 2017 at Guwahati in the year two thousand Seventeen between

OIL INDIA LIMITED a company incorporated under the Companies Act, 1956 in India and having Registered Office at Duliajan, Assam-786602 & Corporate Office at OIL House, Plot.No.19 Sector-16A, Noida, Uttar Pradesh-201301, India, represented through its Executive Director (CoEES), hereinafter, referred to as "OIL" which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns.


07/07/17

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

And

Gauhati University, a premier institute of the State of Assam, established under Gauhati University Act, 1947, represented through the Registrar, Gauhati University, hereinafter, referred to as 'GU' which unless repugnant to the context would include their successors, assignees, agents and executors on the other part.

OIL and GU shall hereinafter referred individually as "party" and collectively as "Parties"

Whereas:

- A. **OIL** is a Navaratna Company under the Ministry of Petroleum & Natural Gas, Government of India, engaged in the business of exploration, production & transportation of crude oil & natural gas, extraction of liquefied petroleum gas and generation of wind and solar power in India and also having participating interest in hydrocarbon acreages in few other countries.
- B. **DEPARTMENT OF GEOLOGICAL SCIENCES, GU** has been pursuing the research on the areas of petroleum geology, sedimentology, palaeontology, coal, remote sensing, structure/tectonics and environmental studies and is willing to undertake the collaborative Research Programme with **OIL** as set out in details here under.
- C. Both OIL and GU recognize that there are complementary strengths and with a view to synergizing the respective strengths, the Parties agree that there is scope for mutual collaboration. The Parties also acknowledge complementary advantages available by virtue of which joint efforts can be made to establish mutual collaboration considering the business need of each other.
- D. WHEREAS OIL and GU are intending to collaborate in the following projects

Project1:"Study of hydrocarbon potential, depositional environment and geological mapping of the Disang-Barail transitional sequence in Assam, Nagaland and Arunachal Pradesh"

Project2:"Integrated palynofacies and magnetostratigraphic study of Bhuban Formation in some selected outcrops exposed in the central part of Mizoram"



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Registrar
Gauhati University, Guwahati

Ruba Din

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

Article-1 SCOPE OF THE PROJECTS

Project 1: this project is proposed to study the area covering the Schuppen Belt and the Inner Paleogene Fold belt of Assam-Arakan Basin. Also, this project deals with the organic geochemical and petrographical characters of the Disang-Barail transition of Assam and Nagaland to establish its hydrocarbon potential and depositional environment in different parts of the basin. The data will also be used for understanding depositional environment and facies variation in the Eocene-Oligocene Disang-Barail Sea. The various analyses and information are to be integrated with the geological understanding of the area.

Project 2: As southern extremity sub basin and extension of Kohima Synclorium of Assam Arakan Basin, Mizoram sub basin is known for its occurrences of clastic sequence Barail Group, Surma Group, Tipam Group and Recent Alluvium. Out of those sequences Surma Group developed extensively followed by Barail Group, Tipam and Alluvium development. Surma Group of rock in Mizoram sub basin is also lithostratigraphically subdivided into two formations of which Bhuban Formation is older and BokaBil Formation is younger. The main object of this study is to establish a high resolution stratigraphy of Bhuban formation on certain observable characteristics in Mizoram using magneto stratigraphic study.

ARTICLE-2 OBJECTIVES OF PROJECTS:

Project 1:

- a) Lithological mapping and construction of the lithological column along at least four road sections across the Naga Schuppen Belt and Inner Paleogene Fold Belt.
- b) Collection of subsurface samples for the organic geochemical and petrographic study from a depth of one meter by coring.
- c) Study of organic geochemistry and petrography of the Disang-Barail rocks sampled from the road sections.
- d) Study of depositional environment of the Barail-Disang transition based on the organic geochemistry and petrography.
- e) Study of organic matter types and maturity of the rock formations.

Rajan Dora



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Registrar
Gauhati University, Guwahati-14

- f) Preparation of organic matter richness and maturity maps of the proposed study area.
- g) An attempt would be made to understand the transitional boundary between the Disang and Barail groups based on organic geochemistry and petrography.
- h) Preparation of geological maps of the entire region with inputs from other Investigators and already published geological maps and literatures.

Project 2:

- a) To study lithofacies characteristics of Bhuban Formation in some selected outcrops exposed in the central part of Mizoram, NE India and geological mapping of the same.
- b) To study the palynofacies characteristic of the Bhuban Formation of the mapped sections.
- c) To generate magnetostratigraphic data base for the studied sections of the Bhuban Formation.

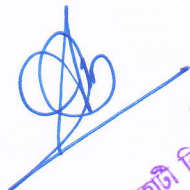
Article-3 JOINT COORDINATION TEAM

- a) For the purpose of coordinating the activities between the parties under this MoU and to explore opportunities relating to each mutually agreed activity, a Joint coordination Team, herein after referred to as "JCT" shall be formed upon execution of the MoU
- b) The mandate of JCT shall be outlining the technical scope of work, ascertain commercial aspects, defining project timelines and deliverables thereof.
- c) The JCT will comprise of six members with 4 members nominated from OIL and 2 members nominated from GU.
- d) The JCT shall endeavor to take decisions unanimously.
- e) The JCT will be in constant touch through electronic medium and shall meet atleast twice a year to identify and firm-up specific projects/activities.

Article-4 CAPITAL ITEMS

The items/Instruments, procured for use during the project by GU and which are capital in nature may be returned to OIL after completion of the Projects. OIL however may decide to offer these items to the University/Institute as a goodwill gesture.

Ruba Devi

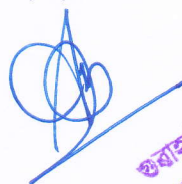


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Guwahati University, Guwahati-14

Article-5 CONFIDENTIALITY

- 5.1 Subject to each Party's confidentiality undertaking in the relevant agreements entered with their respective third party(ies), the Parties, their affiliated parties and their respective nominees / employees or consultants may during the course of implementation of various projects / activities covered under this MoU having access to proprietary information of the other Party, considered confidential, classified, restricted or secret, whether specified to be confidential or not required under this MoU. The Parties undertake that they or their respective nominees / employees / authorized agents shall at all times protect the confidentiality of such information.
- 5.2 Each party shall remain liable for the breach of obligations under this Article by its nominees / employees / authorized agents. The Parties hereto shall cause their respective nominees / employees to protect the confidentiality of the said information.
- 5.3 Without limitation to the foregoing, each of the Parties agree that it shall not divulge any commercial, trade or technical information of the disclosing Party marked as confidential to the third parties, without prior consent of the disclosing Party which shall not be unreasonably delayed or withheld, except if:
- At the time of, or after the disclosure, such information is, or comes, in public domain, due to reason other than breach of confidentiality by the receiving Party;
 - Such information was in the possession of the receiving Party without any commitment to keep such information as confidential as prior to the disclosure by the disclosing Party;
 - Disclosed to receiving Party by a third party, which as per the knowledge of such Party, is not bound by any confidentiality obligation towards any other Party, after disclosing Party has disclosed such information;
 - Disclosure is required under applicable law – judicial or quasi judicial order or direction from any regulatory or administrative authority.
- 5.4 No Party shall, except without prior consent of the other Party, use, disclose or reproduce any information contributed to or resulting from the projects / activities for any purpose other than the pursuit and the development of the project. The aforesaid confidentiality undertaking shall survive the termination of this MoU and shall remain valid and in full force and effect for a period of 3(three) years from the effective date of such termination.
- 5.5 Notwithstanding above, the university/ faculties/project assistants along with OIL however, may publish technical papers based on the acquired data in the field.

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Article-6 INTELLECTUAL PROPERTY RIGHTS

- 6.1 The Intellectual Property (IP) arising out of collaborative projects / activities undertaken under this MoU shall be jointly held in the name of OIL and GU wherein OIL will be the first Party, mentioning inventors from both the sides. OIL will be responsible to file, maintain and defend the IP against any claim and / or possible encroachment using its resources. However, technical support if required to defend any claim and / or possible encroachment will be provided by GU.
- 6.2 The right to first use of IPR / Patent / Technology developed through this collaboration for its commercial exploitation shall rest with OIL and its subsidiaries.
- 6.3 Both the Parties shall have full right to transfer / assign / license the product / process technology developed to a third party after prior written consent of the other Party. In case of generation of profit by its uses from any third party, the same will be shared between both the Parties in equal proportion after recovery of expenses / investments in developing the product / process technology by the Parties.

Article-7 RESPONSIBILITIES

- 7.1 As the intent of the Collaboration involves research programme of a very collaborative nature, the **OIL** and the **GU** will each be responsible for conducting their portion of the collaborative research and will be specified in the individual projects to be undertaken in accordance with high scientific standards of science and technology.
- 7.2 Neither the **OIL** nor the **GU** will be responsible to the other party for any losses that either party may suffer during the research work or from using the results of the collaborative research.
- 7.3 Both the **OIL** and the **GU** will be individually responsible for insuring their own premises, equipment and personnel for any claims that may arise from conduct of the collaborative research and from use of the results of the collaborative research.

Article-8 DURATION AND TERMINATION

- 8.1 The MoU will be effective on the date of signing by the last party ("effective Date") and shall remain valid for an initial period of 3(three) years unless terminated by either party or extend mutually, in writing by giving 60(sixty) days advance notice.

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Registrar
Guwahati University, Guwahati-14

8.2 After termination of the MoU, either Party shall not claim any damage/ compensation/loss on account of termination of the work, however termination of MoU shall no way affect ongoing Projects.

8.3 In the event of termination, OIL and GU shall take all necessary steps to effect the orderly completion/termination of the projects/activities in progress in accordance with respective obligations governing the implementation.

8.4 Upon termination, no Party shall use the confidential information, assimilated during operation of this MoU for developing Projects/activities of similar nature and competitive to business interests of other Party within 2(Two) years from the effective date of termination of this MoU. However, Parties may use the confidential information required for the purpose of completion of ongoing Projects.

Article-9 PAYMENT TERMS AND CONDITIONS:

OIL shall make payments to GU as per the agreed rates and terms referred below.

9.1 GU shall submit three (3) sets of all invoices to OIL for processing the payment.

9.2 GU shall raise invoices as per the payment schedule given below for the jobs done which is certified by JCT members.

9.3 OIL shall within 30 days of receipt of the invoice notify GU of any item under dispute, specifying the reasons thereof, in which event, payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of undisputed portion within 30 days. Processing and payment of undisputed invoices shall not preclude OIL from raising any dispute at a later date if discrepancies are noticed subsequently.

9.4 GU shall maintain complete and correct records of all information on which GU's invoices are base upto two years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query/objection.

9.5 The rates that are agreed by the parties and payable by OIL to the GU towards full and proper completion of the mentioned two projects in line with the provisions of this MoU are as follows:


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Registrar
Gauhati University, Guwahati-78

Ruba Devi

Project 1 cost details:

SI No	Head	Rate	Total
1	Fieldwork expenses, including hiring vehicle, TA & DA of the Project Investigators and Project Assistants, visit to laboratories, hiring man power, local facilitator etc.	@ Rs. 1.5 lakhs per section for 4 lithological sections	6,00,000/-
2	Salary for Project Assistants	Rs. 20,000 + 15% HRA for 2 project assistants for 2 years	11,04,000/-
3	Equipments Portable hand drill with Accessories		3,00,000/-
	Pulverizing machine, minor equipments and accessories		2,00,000/-
	A Laptop computer		65,000/-
4	Contingency (including cost of Lab and office consumables, minor equipments, secretarial assistance etc.), report preparation	Lumpsum	3,00,000/-
	RockEval, GC-MS/Ms, Elemental analysis and Organic Petrography	Analysis will be carried out at CoEES, Guwahati	
5	Hiring services of a person trained in Geoinformatics (with M.Sc. in Geology) for digitization and map compilation, hiring service of Consultants for reviewing works done by different universities and meeting the cost of compilation of all works done by the different universities under the Industry-Academia project of the Oil India Ltd.	Lump sum	5,00,000/-
6	Total		30,69,000/-
5	University overhead	@ 10% of total	3,06,900/-
6	Grand total		33,75,900/-

Project 2 cost Details:

SI No	Head	Rate	Total
1	Fieldwork expenses, including hiring vehicle, TA & DA of the project investigators and project assistants, visit to laboratories, hiring man power, local facilitator etc.	Lump sum	5,00,000.00
2	Salary for Project Assistants	Rs. 20,000 + 15% HRA for 2 Project Assistants for 2 years	11,04,000/-

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Registrar
Guwahati University, Guwahati-781005

3	Equipments		3,50,000/-	3,50,000/-
	One Portable hand drill with tools			
	One Laptop		70,000/-	70,000/-
	One Digital camera		35,000/-	35,000/-
	One Fume Hood		1,50,000/-	1,50,000/-
4	Magnetostratigraphic sample analysis (costs including TA and DA for visiting laboratories and sample preparation and analysis)	Lump sum		3,45,000/-
5	Contingency (including cost of Lab and office consumables, minor equipments, glassware's, secretarial assistance etc.)		5,00,000	5,00,000/-
6	Total			30,54,000/-
7	University overhead	@10% of total		3,54,000/-
6	Grand total			33,59,400/-

Article-10 PAYMENT SCHEDULE:

Payment to GU shall be made by OIL as under against invoices of each project to be raised in triplicate. All payments shall be made through bank in favor of the Registrar, Gauhati University.

SI No.	Phase	Activities	Time Schedule for each phase	Amount to be paid after completion of each phase
1	Phase 1	Signing of MoU, Lab visit, recruitment of Project Assistant, Base map preparation and purchase of equipment	Within 1 month of start of the project	30% of total
2	Phase 2	Purchase of equipment and geological fieldwork	Within 4 months of start of the project	20% of total
3	Phase 3	Lithological mapping and construction of the lithological column along selected road sections; sample collections, organic geochemical, petrographical and palynological analysis of samples; submission of annual progress report,	Within 12 months of start of the project	20% of total
4	Phase 4	Lithological mapping and construction of the lithological column along selected road sections; sample collections, organic geochemical, petrographical and palynological analysis of samples; magnetographic sample analysis	Within 18 months of start of the project	20% of total

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Registrar
University, Guwahati-14

5	Phase 5	Correlation of lithological sections, preparation of geological maps, submission and Integration of final reports (All Universities' project)	Within 24 months of start of the project	10% of the total
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Article-11 SETTLEMENT OF DISPUTES AND JURISDICTION

11.1 In the event of any difference or dispute arising out of interpretation or application of the provisions of this MoU, the parties shall immediately consult each other with the view to expeditiously resolve such differences or disputes spirit of mutual understanding and co-operation. In case differences or disputes persist, the differences/disputes shall be referred to senior management of Parties for further review. In the event, the Parties cannot resolve the differences within 45(Forty-five) days, the dispute(s) shall be referred to a Sole Arbitrator to be appointed by OIL with the consent of the GU as per the provisions of Arbitration and Conciliation Act, 1996. The decision of the arbitrator shall be final and binding upon both the parties. The Place of Arbitration shall be Guwahati.

11.2 The Courts of Guwahati shall have the sole and exclusive jurisdiction to adjudicate ant dispute arising out of and during the continuation of the MoU.

Article-12 NON BINDING OBLIGATIONS

It is understood and agreed by the Parties that the understanding set out in this MoU embody the declaration of the intentions of the Parties and are not intended to be any legally binding commitments of the Parties except the obligations under Confidentiality and Arbitration.

Article-13 RESOLUTION

13.1 The parties resolve to act in good faith and in accordance with the spirit of MoU to implement the provisions in accordance with the natural desire and interest of the Parties. No amendment to this MoU shall be valid unless made in writing and agreed by the both Parties.

13.2 Each Party enters into this MoU as an independent Party and not as Partner, representative, agent or employee of the other. This MoU does not create or constitute either Party to be a Joint venture, partnership, agent, employee or fiduciary of the other.

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গোহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-৭৮১০০৫
 Registrar
 Gauhati University, Guwahati-781005

Article-14 NOTICES

Any notices, under this Memorandum of Understanding / Agreement will be delivered as follows:

FOR OIL

Executive Director (CoEES)
Oil India Limited
Rukminigaon G S Road, Guwahati 781022

FOR GU

Registrar
Gauhati University,
Guwahati-781014, Assam

Now, therefore, this Memorandum of Understanding is executed and signed in the presence of following witness(s) on the day, month and year cited herein above.

For and on behalf of
Oil India Limited

Rohan Dini
Signature:

In the presence of:

Witness

1. *Neeraj*
(N. Mathur)

2. *Ranjit*
(Rajimori Saikha)



For and on behalf of
Gauhati University

[Signature]
Signature: 07/07/17

In the presence of:

Witness

1. *[Signature]*
05/07/2017
(PARAG PHUKON)

2.

[Signature]
Head
Dept. of Geological Sciences
Gauhati University.
ASSOCIATE PROFESSOR
Department of Anthropology
Gauhati University



सत्यमेव जयते

INDIA NON JUDICIAL
Government of Assam

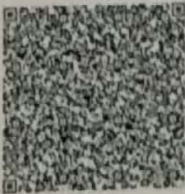
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Base Certificate No.	: IN-AS27085412439845U
Certificate No.	: IN-AS27085839210828U
Certificate Issued Date	: 30-Sep-2022 01:38 PM
Account Reference	: CSCACC (GV)/ ascscceg07/ AS-KMRAB0161/ AS-KM
Unique Doc. Reference	: SUBIN-ASASCSCSEG0749400545522984U
Purchased by	: OIL INDIA LIMITED
Description of Document	: Article 5 Agreement or Memorandum of an agreement
Property Description	: MoU BETWEEN OIL INDIA LIMITED AND GAUHATI UNIVERSITY
Consideration Price (Rs.)	: 100 (One Hundred only)
First Party	: OIL INDIA LIMITED
Second Party	: GAUHATI UNIVERSITY
Stamp Duty Paid By	: OIL INDIA LIMITED
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)

₹100



Please write or type below this line

IN-AS27085839210828U

MEMORANDUM OF UNDERSTANDING

BETWEEN

OIL INDIA LIMITED

AND

GAUHATI UNIVERSITY

Memorandum of Understanding is made on the 12th day, in the month of October at Dullajan in the year Two thousand Twenty Two

Karjen Chandra Kuthi
Ritesh Mahanta

PU 0004534529

Page 1 of 9

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shrestamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

BETWEEN

OIL INDIA LIMITED a company incorporated under the Companies Act, 1956 in India and has a Registered Office at Duliajan, Assam-786602 & Corporate Office at OIL House, Plot. No.19, Sector -16A, Noida, Uttar Pradesh-201301, India, represented through its DGM (Geology) I/C & HoD (CoEES), Mr. Khagen Chandra Kalita, hereinafter, referred to as "**OIL**" which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns.

AND

Gauhati University, a premier institute of the State of Assam, established under Gauhati University Act, 1947, duly represented by Registrar, Gauhati University, having its registered office at Guwahati, hereinafter, referred to as '**GU**' which unless repugnant to the context would include their successors, assignees, agents and executors on the other part.

OIL and **GU** shall hereinafter referred individually as "party" and collectively as "Parties"

Whereas:

- A. **OIL** is a Navratna Company under the Ministry of Petroleum & Natural Gas, Government of India, engaged in the business of exploration, production & transportation of crude oil & natural gas, extraction of liquefied petroleum gas and generation of wind and solar power in India and having participating interest in hydrocarbon acreages in few other countries.
- B. **DEPARTMENT OF GEOLOGICAL SCIENCES, GU** has been pursuing the research on the areas of petroleum geology, sedimentology, palaeontology, coal, remote sensing, structure/tectonics, and environmental studies and is willing to undertake the collaborative Research Programme with **OIL** as set out in details here under.
- C. Both **OIL** and **GU** recognize that there are complementary strengths and with a view to synergizing the respective strengths, the Parties agree that there is scope for mutual collaboration. The Parties also acknowledge complementary advantages available by virtue of which joint efforts can be made to establish mutual collaboration considering the business need of each other.

Rajit Mohanta
Khagen Chandra Kalita

D. WHEREAS OIL and GU are intending to collaborate in the following projects:

Project 1: "Litho-structural analysis, Outcrop sequence stratigraphy and identification of potential zones of petroleum seepages in parts of the Naga Schuppen Belt and Inner Fold Belt of Manipur: A Remote Sensing and Field Techniques Approach

Subproject A: Litho-structural analysis and identification of potential zones of petroleum seepages in parts of the Naga Schuppen Belt, Assam-Arakan Basin: A Remote Sensing and Field Techniques Approach

Subproject B: Outcrop sequence stratigraphy in the Naga Schuppen Belt and Inner Fold-Belt of Nagaland and Manipur

Project 2: Study of sedimentology, lithofacies association, geological mapping of the Mio-Pliocene sedimentary sequence in parts of OIL's Operational Area in the Tripura Fold Belt: A Remote Sensing and Field Techniques Approach

NOW IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

ARTICLE-1 : SCOPE OF THE PROJECTS:

Subproject A: This project is proposed to study of the oil and gas seepages, viz. mapping, biomarkers, stable isotopes, oil-source correlation, geological mapping, identification and characterization macro and micro seepages in parts of Naga Schuppen belt adjoining the Inner Paleogene Fold belt of Assam-Arakan Basin which covers the area in parts of Assam and Arunachal Pradesh using remote sensing approach. Also, this project deals with the organic geochemical and reservoir characterization of the Disang-Barail and Surma sequence of Naga-Schuppen and adjoining Inner Fold belt of Assam- Arakan Basin to establish its hydrocarbon generation and entrapment in different parts of Naga-Schuppen and inner fold belt. The project also covers lithofacies analysis in the selected outcrop sections for identification of source, reservoir, and trap, if therein within the belt of Schuppen and Inner Fold belt region. With a view of preparing a large-scale geological map with identification of macro and micro seepages in different parts of the Belt of Schuppen and Inner fold belt region of Assam Arakan basin using remote sensing tools and geological fieldwork. The various analyses and information are to be integrated with the geological understanding of the area.

Subproject B: This project is proposed to study on outcrop sequence stratigraphy, sedimentary facies architectures of the Cenozoic sedimentary sequence present along the selected sections in parts of Naga Schuppen belt and adjoining Inner

Relief Mahanta
Kalika
Khagen chandra

Paleogene Fold belt of Assam-Arakan Basin. An attempt has to be made to study the sedimentary facies relationships within chronostratigraphic framework in parts of Naga-Schuppen belt and inner fold belt of Manipur. Also, this project deals with reservoir characterization of the Disang-Barail and Surma sequence of Naga-Schuppen and adjoining Inner Fold belt of Assam- Arakan Basin to establish its hydrocarbon generation and entrapment scenario.

Project 2: This project is proposed to conduct the Geological and structural element mapping based on outcrop studies and satellite image analysis of the Tripura Fold Belt. A detailed sedimentological study of the Surma Group of rocks including facies analysis, shale geochemistry and reservoir properties has been proposed under this project.

ARTICLE-2:OBJECTIVES OF PROJECTS :

Subproject A:

- a) Survey for delineation of the target potential areas and mapping of oil & gas seepages with the help of mapping, biomarkers, stable isotopes, GC, Atomic absorption spectroscopy (AAS), oil-source correlation.
- b) Organic geochemical characterization of the source rocks in the Disang-Barail/ Surma sequence.
- c) Preparation of lithologs (along with lithofacies analysis) in the selected outcrop sections for identification of source, reservoir, and trap, if therein.
- d) Preparation of large scale geological maps showing hydrocarbon seepages and details lithological map of the Naga Schuppen Belt and Inner Fold Belt of Manipur using remote sensing tools and geological fieldwork. The findings of geological fieldwork carried out by Manipur and Nagaland University will be incorporated into the final geological map.
- e) Preparation of the Integrated Final Project report in collaboration with Manipur University and Nagaland University.

Subproject B:

- a) Study of the sedimentary facies architectures of the Cenozoic sedimentary sequence present along the selected sections.
- b) Study the sedimentation patterns.
- c) Study the sedimentary facies relationships within chronostratigraphic framework.
- d) Reservoir rock characterization of the sandstones in the Disang , Barail and Surma formation of the study areas.
- e) Final Integrated Project report.

Rajesh Mandal
Khagen chandra kaulik