



**Centurion**  
**UNIVERSITY**



**Norwegian University of  
Science and Technology**

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**CENTURION UNIVERSITY OF TECHNOLOGY &  
MANAGEMENT (CUTM)**

**AND**

**THE NORWEGIAN UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(NTNU)**

This Memorandum of Understanding (hereafter MOU) between the Centurion University of Technology & Management and the Norwegian University of Science and Technology (NTNU) constitutes a framework for cooperation between the two parties.

#### Article 1

The MOU's objective is to facilitate further cooperation in research and education. This MOU is a statement of intent to foster genuine and mutually beneficial collaboration.

#### Article 2

This MOU shall remain in force for an initial period of five (5) years from the date of the last signature. Thereafter it shall be automatically renewed for successive five-year periods, unless either University terminates this Agreement by giving six months written notice to the other party. Any amendments to the MOU are subject to approval in writing by both parties.

In case of disagreements between the two parties, this MOU can be cancelled by both parties by giving six months written notice prior to the date of cancellation.

#### Article 3

The two parties should seek to promote:

1. Mobility of graduate and/or undergraduate students
2. Mobility of faculty and/or staff
3. Joint research activities and publications
4. Participation in seminars and academic meetings
5. Exchange of academic materials and academic publications;
6. Special short-term academic programs

#### Article 4

The parties may sign an Intellectual Property Rights (IPR) document in order to secure rights when it comes to research results and publications.

Article 5

Participating staff and students involved in any activities under this MOU must adhere to the law of the host countries and rules and regulations of the host institutions.

Article 6

Both parties welcome the establishment of this document and agree to the provisions given above.

There will be **two** copies of this MOU equally valid, **one** for each party.

Centurion University of Technology &  
Management  
By Vice Chancellor  
Centurion University of Technology & Management  
Jatni, Bhubaneswar, Khurda, Odisha  
Pin-752050  
*Haribandhu Panda*  
.....  
Vice-Chancellor

Prof. HARIBANDHU PANDA

Date (mm.dd.year) *05.01.2017* .....

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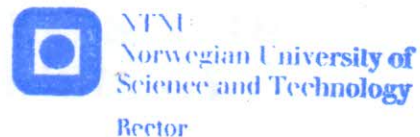
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Norwegian University of  
Science and Technology (NTNU),  
*Gunnar Bovim*  
.....  
Rector

Prof. GUNNAR BOVIM

Date (mm.dd.year) *03.28.2017* .....

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Norwegian University of Science and  
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[www.ntnu.no](http://www.ntnu.no)  
Gløshaugen, NO 7491 Trondheim,  
Norway

## **Minutes of the meeting for the UTFORSK collaborative Programme (CUTM-NTNU) – 17-18 Dec 2019**

Members present: Dr. Ragnhild Lund, Dr. Supriya Pattanayak, Dr. Smita Mishra Panda, Mr. Geir Tvedt, Mr. Subhendu Mishra and students from the Second year Master Programme in Development Management.

Dr. Lund, Mr. Tvedt, Supriya and Smita arrived in the evening of 17 Dec 2019 and met Subhendu Mishra who coordinates the MDM programme.

Mr. Geir Tvedt, adviser of research replaced Dr. Thomas Jakobson in Jan 2019.

Mr. Subhendu Mishra has replaced Dr. Rashmi Ranjan Parida in July 2019 MDM coordinator from the CUTM side.

From the Indian side, Dr. Smita Mishra Panda has replaced Dr. Haribandhu Panda as coordinator of the UTFORSK.

Ragnhild, Professor and UTFORSK coordinator at the Norwegian side, is retiring but she will be responsible for implementation of the programme till the end of the collaboration in 2021 in the capacity as Professor Emerita.

### **17 December 2019**

Road trip to Southern campus, Parlakhemundi.

### **18 Dec 2019.**

The course developed in partnership with NTNU now works for two groups of students: first and second year.

Second year students: A meeting was held with the 2 students of MDM (Ashok Kumar Sindri and Prabhat Kumar Tripathy) who would be going to NTNU for one semester (Spring) as part of the collaborative programme.

After a round of introductions, Geir made a presentation on NTNU titled “Short Introduction – Knowledge for a better World” which presented the vision of the University relating to higher studies and what the students coming to Norway needed to know about the university.

He gave a profile of the University outlining the different disciplines that are offered at NTNU, general idea about the different campuses, the number students at different levels of the University, organisational structure and location of different campuses. He also gave a brief idea about the city of Trondheim and the Dragvoll campus where the students from CUTM will be located.

In Spring 2020 in which the students from CUTM have been enrolled extends over approximately 6 months in which 6 Jan – 20 April 2020 is teaching and 4 May – 6 June 2020 is the examination period.

The students will undertake 3 courses – 1) Globalisation and Sustainable Development in the South  
2) Innovation and Regional Development, 3) GIS Tools for Climate Change Studies.



Ragnhild supplemented and discussed about the delivery of the courses and what is expected from the students.

### **Other Issues**

- 1) The 2 students have paid a visa fee of Rs 42,000 (5,300 NOK), which Geir informed has been transferred to the University next week or first week of January. Supriya assured the students that the amount will be transferred to their accounts as soon as possible.
- 2) Ragnhild volunteered to assist the students in their academic requirements – how to write and appear in the exams at NTNU.
- 3) Health issues – physical and psychological will be handled by the International Office of NTNU
- 4) The students have to get a certificate saying that they are not having Tuberculosis (TB).
- 5) Ragnhild also mentioned that two students would be coming to India from NTNU in Autumn of 2020.
- 6) Ragnhild Lund presented the UTFORSK programme to Mr. Subhendu Mishra.

First year students: Mr. Geir Tvedt explained the programme to the first year students of the MDM programme. The next batch of the students will go for a semester to NTNU in August 2020 which will begin on the 14 August and end in 21 Dec 2019. The requirements were explained to the students where they need to have a minimum of 6.5 in IELTS or 90 in TOEFL. The last date for applying for the semester in NTNU for fall semester is 1<sup>st</sup> April 2020. They need to apply for visa by beginning of July 2020. Screening of students (5) need to be done by grades apart from the IELTS/TOEFL score.

Ragnhild Lund explained about the population, economy and the environment of Norway and Trondheim in particular. She also spoke about climate change and disasters in Norway. There are many immigrants in the country who are changing the society in Norway.

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Progress meeting: After the meeting with students, Ragnhild Lund, Smita M. Panda, Supriya Pattanayak, Geir Tvedt and Subhendu Mishra had a short meeting with respect to the future of the collaboration.

It was also noted that the courses jointly designed by the two Universities were being offered as per the curriculum. Faculty from both the Bhubaneswar and Parlakhemundi campuses were involved in teaching the courses which had a good mix of classroom and field oriented sessions (the courses are listed in a separate file).

It was decided that the next meeting will be held in August 2020 when the students from India will come for the fall semester. Depending on the availability of funding, the number of faculty from CUTM travelling to Norway will be decided.

The Head of Geography department at NTNU, Per Arne Stavnas, will be officially the coordinator of the programme instead of Ragnhild as she will be retiring end of 2019. As professor Emerita, Ragnhild will preferably be the implementing person from NTNU up to the end of the programme while Per Arne Stavnas will be formally the programme coordinator.

It was agreed that the next meeting will be held in Trondheim, August 2020. At this meeting future collaboration and continuation of the programme will be discussed and possible decision about applying for further funding will be done.

For the students coming to Norway, Ragnhild would like to take care of two field trips. Ragnhild would also like to supervise students from NTNU coming on work placements in India. The responsibility of these student is to write a report and give to Ragnhild and also to CUTM.

Return to Bhubaneswar on the 18<sup>th</sup> Dec night.

### **19 Dec 2019 – visit to Kala Bhoomi Art and Crafts Museum**

Ragnhild, Geir and Smita. Discussion with artists on how they are using tribal art for designing a modern café sitting area and also the upcoming Odisha Biennale festival from 23-31 Dec 2019.

Visit to **Urban Micro Business Centre (UMBC)** in the afternoon post lunch. Mr Subrat Das, introduced their programme and activities and gave a tour of the center. They saw coffee production, spice grinding, sewing centre and bakery. Along with the viability, discussions centered around various aspects of the viability of the centre. He also took Geir for a walk in the nearby Kargil slum area where Smita and Ragnhild have worked with youth. Smita and Ragnhild visited the newly started beauty centre to see how young women from the slum are offering their services (Fun!).

Ragnhild also brought up the issue of internship for Norwegian students. A problem is the long distance from the campus to the centre. It was agreed that before any interns come to the UMBC there has to be a discussion and agreement with the centre and student on skype well in advance of student arrival. At present the centre has 12 interns working for them from different countries.

### **20<sup>th</sup> December 2019**

Geir and Ragnhild attended the first part of the workshop on disaster (Influencing Last Mile in DRR: Evidence based Lessons from the Community), with a special focus on what happened during the last cyclone Fani in Odisha a couple of months ago. For Ragnhild and Geir it was interesting to learn how CUTM organises workshops and the presentations were very informative.

In the afternoon Geir and Ragnhild went to Bhubaneswar campus of CUTM. They were taken around to the different workshops of Gram Tarang and were explained how the link between knowledge and capability development of skills in a university context and how the Gram Tarang programme was particularly targeted at young Adivasi youth, poor youth, and youth with disabilities. After the round around campus they had a meeting with the managing director of Gram Tarang, Abhinav Madan, who discussed about his development of Gram Tarang activities based on his own experience as a student and work in Europe and India and how he realised the need for doing something which combined theory and practice in university education.

During the walk they visited the student guest house and saw one room and the canteen environment (served breakfast and dinner). The room was spacious and had air-conditioning facility and a separate bathroom.

### **21<sup>st</sup> December 2019 – Departure from Odisha for Norway**

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By Vice Chancellor  
Centurion University of Technology & Management  
Jatni, Bhubaneswar, Khurda, Odisha  
~~Haribandhu Panda~~  
Vice-Chancellor

Prof. HARIBANDHU PANDA

Date (mm.dd.year) 05.01.2017

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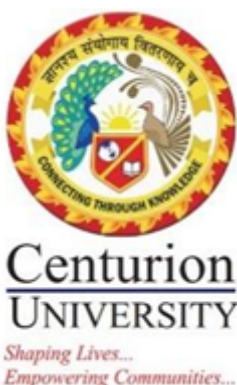
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Date (mm.dd.year) 03.28.2017

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Gløshaugen, NO 7491 Trondheim,  
Norway



## Activity Report

Agency Name: NTNU

Academic Year: 2019-20

Total Number of Activities in this academic year: 1

Name of the Activity: Academic Course Curriculum Preparation

Name of the Students:

Two students Ashok Kumar Sindri and Prabhat kumar Tripathy went for the exchange program at NTNU in January 2020.

The course developed in partnership with NTNU now works for two groups of students: first and second year.

It was also noted that the courses jointly designed by the two Universities were being offered as per the curriculum. Faculty from both the Bhubaneswar and Paralakhemundi campuses were involved in teaching the courses which had a good mix of classroom and field oriented sessions (the courses are listed in a separate file).

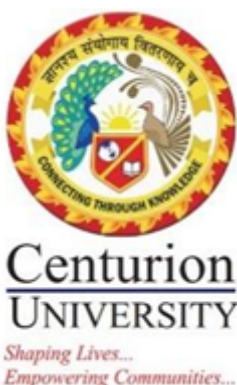
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## Activity Report

Agency Name: NTNU

Academic Year: 2020

Total Number of Activities in this academic year: 1

Name of the Activity: Academic Student Exchange Program

Name of the Students:

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## Activity Report

Agency Name: NTNU

Academic Year: 2021-22

Total Number of Activities in this academic year: 2

Name of the Activity: Student Internship for Academic development

Name of the Students:

From Nov 2021 to Feb 2022

<b>Sl.No.</b>	<b>Name of the Intern</b>	<b>Registration Number</b>	<b>Programme</b>
1	Jugal Jena	200202180028	DiaFit Rice Marketing & Promotion Internship
2	Dheeravath Saikiran Naik	200202140003	BREDS Internship promotion of FPOs
3	Rupam Pratikshya Benya	200202140004	UMBC Internship
4	Purrubonu Guna Sekhar Sai	200202140002	BREDS internship promotion of FPO
5	Isboseb Bhuyan	180202110001	BREDS Internship (ADS, Gumma)
6	Pragnya Pramita Mishra	190202140003	Mini Dairy Unit Internship
7	Shibani Pradhan	190202140004	UMBC Internship
8	Sonali Panda	190202140007	Mushroom Unit

From March 2022 to June 2022

<b>Sl.No</b>	<b>NAME OF THE CANDIDATE</b>	<b>PRODUCT</b>
1	DAKEY SUMAN	MILLETS AND PULSES FPO
2	SANAPALA SHIVA KUMAR	MANGO FPO
3	GIRI HEMANTH KUMAR	SUGARCANE FPO
4	VELIVELA DOLA JNANA RASAGNA	MAIZE FPO
5	SAMANTHULA LAKSHMI DURGA	PADDY, VEGETABLES FPO
6	THOTAKURA SAIRAMARAJU	COCONUT FPO
7	DAMMA DEEKSHITA	PULSES FPO
8	SONALI PANDA	INCENSE STICKS SHG
9	PRAGNYA PRAMITA MISHRA	BAKERY