## MEMORANDUM OF UNDERSTANDING

## Between

## AMITY UNIVERSITY MADHYA PRADESH GWALIOR



And



WTL CLEAN AND RENEWABLE ENERGY PRIVATE LIMITED, NEW-DELHI, INDIA-110003



# A MEMORANDUM OF UNDERSTANDING ON "ACADEMIC COLLABORATION" BETWEEN AMITY UNIVERSITY MADHYA PRADESH,

#### AND



# WTL CLEAN AND RENEWABLE ENERGY PRIVATE LIMITED NEW-DELHI

AMITY UNIVERSITY MADHYA PRADESH, GWALIORwhich was established by RitnandBalved Education Foundation (RBEF) vide Madhya Pradesh Government Legislature Act of 2010 with the view to promote professional, industry-oriented education in the state of Madhya Pradesh. Amity University Madhya Pradesh, Gwalior Located on a sprawling campus of 102 acres of land opposite Gwalior Airport, imparts modern, practical and research-oriented courses which will lead to the development of professionals who are employable and industry ready. This in turn will drive the socio-economic uplift of the region. Amity imparts education in almost all areas including management, engineering, architecture, biotechnology, law, communication, behavioral science, fine arts, fashion etc.

The University was ranked under Top 200 in the University Category by National Institutional Ranking Framework (NIRF) India Ranking 2020 and Amity Institute of Engineering Technology was all India ranked 154th in the year 2021 and 162nd in the year 2020 in Engineering Category..

Amity University Madhya Pradesh was awarded as the Best Private University in Madhya Pradesh in years 2014 by CMAI Association of India and in years 2017, 2018 and 2019 by Dialogue India Group. Amity University Madhya Pradesh was also awarded Excellent Higher Education University in India by CMAI Association of India in 2017. The University was awarded "Utkrisht Vishwavidyalaya Samman" by Madhya Pradesh Private University Regulatory Commission, Bhopal in 2018. The University has bestowed with 'Excellent University Award 2020' by Zee News. AUMP has been awarded a Five Star Rating under "Eat Right Campus" Competition conducted by Food Standard, Safety Authority of India under the aegis of "Eat Right India" campaign launched by Govt. of India. The University also rated 3 Star in University ranking released by Institutions' Innovation Council, Ministry of Education 01 Dec 2021. The University has been accredited as "Premier University" by Accreditation Service for International Colleges (ASIC), UK...Hereafter referred to as the "FIRST PARTY".

#### And

WTL CLEAN AND RENEWABLE ENERGY PRIVATE LIMITED (WTL-C&RE) New-Delhi is an extension of Waste Technologies LLC, CT- a USA based company engaged in waste-to-energy projects, their concerned R&D, manufacturing relevant types of machinery with an aim at utilizing the resources hidden on the renewable energy. WTL-C&RE is working in the core domain of bioenergy/biofuels solutions (i.e converting domestic, industrial, building and agriculture waste to value added products also energy crops to biofuels) complacently and having visionary plans of expansion all over the world. WTL-C&RE offers reliable, flexible, integrated, and cost-effective bio-energy and waste management solutions and services, including the

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assessment, collection, recycling and processing of all solid waste streams. WTL-C&RE is second-to-none in scientific renewable energy organizations supported by national and international collaborations. WTL-C&RE ultimate aim is to provide clean, dust free and waste free environment to our society using our state-of-the art technologies; also targeting conversion of agriculture waste and energy crops to green electricity/green fuels with almost nil emissions and this was highly appreciated by the environmentalists, many concerned authorities, and several countries of the world. Our mission is to provide a Zero Waste Disposal system by reducing, reusing & recycling all types of biodegradable and non-biodegradable wastes like municipal solid wastes (MSW), waste polymers (WP) and agriculture waste (AW), to build a clean & green environment and reduces the pressure on the environment. At the same time, we will ensure an economically viable outcome (ultra-low Sulfur-Fuel/ Biogas/ Bio-fertilizer/Acid resistant paver's blocks) with proper management & disposal. We are the process of developing the indigenous CO<sub>2</sub> capture technology to complete the Government of India's mission till 2030. there after referred as the "SECOND PARTY", in the MoU.

In the interest of establishing a relationship of mutual benefit to both organizations, Amity University, Madhya Pradesh (AUMP) and WTL CLEAN AND RENEWABLE ENERGY PRIVATE LIMITED, New-Delhi have agreed to the areas of collaboration on academic industry interaction and research related activities as mentioned in this MoU.

#### 1. Objectives:

- 1.1. To share recent technological development and automation in the field of waste-to-energy projects to meet the quality standards for various types of R&D activities. Such collaboration between AUMP and WTL-C&RE New-Delhi will help in improvement of the quality in developing the state-of-the art, eco-friendly and cheaper technologies which are ready to scale-up and licensing to the customers, apart from this it will also enhance the skills of students/aspirants through internship and vocational training-exchange programs.
- 1.2. To strengthen collaboration between WTL-C&RE New-Delhi and AUMP through R&D among the faculty/students/employees and stuff of both parties.
- 1.3. To provide training & placement for the students in the interest of both parties.
- 2. **Scope:** the scope of collaboration on academic and research activities in this MOU includes the following categories:
  - 1. Developing research projects jointly and avail funding.
  - 2. Exchange of academic information, materials, and facilities.
  - 3. Training & placement of the students.
  - 4. Exchange the quality control aspects and advancement in green energy projects.
  - 5. Intellectual property rights of the collaboration work belonging to both parties
  - 6. Organizing/participation in joint symposia, seminars, conferences, workshops etc.

#### 2.1 Developing research projects jointly and avail funding

Both the parties agree to undertake research projects/activities through sharing of research ideas, data and academic resources that can lead to joint publications, development of any product or other intended outcomes like Intellectual property rights/patents/discoveries generated out of the research activities, belonging to both parties. Such collaboration activities will also include joint research conferences, visitations, and sabbaticals at each other's premises; subject to mutual consent of both the parties. All such joint research activities will be governed by the terms and conditions laydown by separate written agreement by both organizations.

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**2.2 Exchange of academic information, materials, and facilities:** Both parties agree to exchange academic information, facilities, resources etc. as mutually agreed from time to time.

#### 2.3 Training and Placement of Students

#### 2.3.1 Student Training Programs

Both the parties agree to develop programs whereby the students of AUMP can have the opportunity to do training at WTL-C&RE New-Delhi with mutual benefits. It is desired by both organizations that in-situ training of students will be conducted in lieu of providing the state of the art in green energy projects to WTL-C&RE New-Delhi. Both parties agree to facilitate internship facilities for students under the academic industry interaction program. Pursuant to the specific agreement for exchange of advanced technology in the field of green energy production process, WTL-C&RE New-Delhi and Amity University will exchange knowledge according to the terms and conditions laid out by separate written agreement by both organizations.

#### 2.3.2 Short Courses/ Summer School

These courses, usually two to four weeks in duration, will normally be held in spring or summer as mutually agreed. The programs will facilitate visits by students and faculty to learn about the industry environment and culture. In addition to various topics on industry operations and culture, the course would include meetings with industry executives, and visits to various industrial establishments. The cost and other terms of such programs will be mutually worked out separately each year.

**2.4 Faculty and Experts Exchange:** Both organizations agree to develop opportunities for experts to teach courses, conduct seminars and undertake such other activities at each other's as mutually agreed. Visiting faculty/ Experts will be provided with opportunities to observe and share the knowledge as per the curriculum. WTL-C&RE New-Delhi and Amity University will exchange the experts according to the terms and conditions as mutually agreed upon.

#### 2.5 Organizing/ participation in Joint symposia, seminars, conferences, workshops etc.

Both organizations will promote their faculty and expert participation in the conferences, conclaves and seminars organized by each other to strengthen the ties between both the organizations and will also jointly organize symposia, seminars, conferences, workshops, and other programs as mutually agreed.

- **3.** Advertising & Publicity: Both the parties will publicly advertise the collaboration under this MoU among students, experts etc., if agreed by their management. Where reasonably possible, in making advertisements or public announcements in relation to this MoU, each organization shall acknowledge the participation of other organization and the contribution has made if any.
- 4. Commencement, renewal, termination, and amendment: This MOU will come into force upon affixing of the signatures of the representatives of both organizations and will remain in effect for three (3) years. This MOU will be renewed upon its expiry, as per mutual agreement of both organizations. If either organization wishes to terminate the MOU at the end of the three years' period or in between the period of three years, it must notify the other organization not less than six months prior to the expiry of the MOU. The event of termination will not affect participants from completing their activities at the host party already initiated or ongoing unless otherwise mutually agreed. This MoU, its renewal and the actions taken under it will be reviewed at any time. Modifications to MoU will be made by mutual consent and any amendment or extension to the MoU will be formalized by the exchange of letters and or emails between the two organizations.
- **5.** Coordinators: Each organization agrees to appoint an overall Coordinator for the administration of this MOU. The coordinator will serve as the contact person on campus. These coordinators will ensure smooth flow of communication and would be responsible to ensure that necessary approvals are in place for faculty/expert exchange, articulation agreement etc. These coordinators will be

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responsible to ensure the effectiveness and enforcement MOU. Both organizations are responsible for keeping their contact details up to date. Contact details and address of the designated coordinators are given hereunder:

For: Amity University

Name: Maj Gen (Dr) SC Jain, VSM\*\* (Ret.)

**Director:** ASET, Amity University Madhya

Pradesh, Gwalior (M.P) - 474005

For: WTL-c&re New-Delhi

Name: Dr Sachin Kumar Title:Executive Director

Add: A-50, Kotla Mubarakpur

Bapu Park, South Ext-I, New Delhi-110003

Tel:+91 9897329104

Email:information@wtl-cre.com

#### 6. Resolution of Disputes and Governing Law:

In the event of any unforeseen issues or matters not covered herein or any controversy, dispute or difference arising out of or in connection with this MoU, the same shall be resolved amicably by both the organizations. This MoU and further agreements will in all respect be governed by and construed in accordance with the laws of Republic of India. This MOU shall be signed in counterpart. Each counterpart will constitute an original document and these counterparts taken together, shall constitute one and the same MOU.

Signature

Rajesh Jain (Registrar),

Amity University Madhya Pradesh,

Gwalior (M.P)

Pin-474005

Date: 17.03.2022

Signature

Sachin Kumar Dr., (Executive Director), A-50, Kotla Mubarakpur, Bapu Park, South Ext-I, New Delhi

Pin-110003

Date: 22/03/2022

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