Memorandum of Understanding

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Between

Sunkonnect Pte Ltd

Solar Energy Company

1 Cleantech Loop, #02-26, Singapore

And

Multidisciplinary Research Laboratory on Renewable Energy

Department of Chemical Energy

Haldia Institute of Technology

P.O. Hatiberia, Dist- Purba Medinipur, Pin 721657

Haldia, West Bengal, India

This Memorandum of Understanding (MOU) sets for the terms and understanding between the Sunkonnect Pte Ltd., Solar energy Company, Singapore and the Department of Chemical Engineering, Haldia Institute of Technology, Haldia, West Bengal, India to solve various issues on solar energy and hydrogen energy.

Background

The benefit of multidisciplinary research which was the most cited is that it **provides different approaches and perspectives on problems**. The probability of reasonable solutions in the thrust areas enhances due to cross analysis by expertise of the allied discipline. The knowledge gap could minimize due to coherence of multidisciplinary experts. However the solution towards the

industrial problems would be realistic and approachable. The possibilities of getting consultancy from industries will increase without any doubt. However, when working with other researchers toward a common goal, they can critically think through their own processes and techniques and judge them against other research techniques. Multidisciplinary project team members also have access to data they usually would not collect. This additional data may spur them to adapt their techniques to include new sources of data in future research or refine their theories based on conclusions drawn from this previously unexplored data. At a broader level, with multiple researchers from several disciplines all working toward achieving the same goal, their combined output will examine the problem from every side and provide a robust answer not typically found in a stovepipe one-discipline approach. Thus, the added input from other disciplines furthers the conclusions derived from the research, and multiple groups are all able to converge and support a unified comprehensive solution to the problem.

Purpose
This MOU will help both parties to exchange expertise and knowledge to develop various models and resolve the technical issues related to solar energy exploration.

The above goals will be accomplished by undertaking the following activities:

Reporting
Dr. Goutam Dalapati, Raghavendra Lawaniya, Dr. Biswajit Mandal and Dr. Sunil baran Kuila will evaluate the progress and roadmap of the future research work .

Funding
(Specify that this MOU is not a commitment of funds)

Duration
This MOU is at-will and may be modified by mutual consent of authorized officials from (list partners). This MOU shall become effective upon signature by the authorized officials from the (list partners) and will remain in effect until modified or terminated by any one of the partners by mutual consent. In the absence of mutual agreement by the authorized officials from (list partners) this MOU shall end on (end date of partnership).

Contact Information
Partner name: Department of Chemical engineering, Haldia Institute of Technology
Partner representative: Dr. Biswajit Mandal and Dr. Sunil Baran Kuila
Position: Associate Professor and Coordinator of Multidisciplinary Research Laboratory on Renewable Energy and HOD of Chemical Engg. Department
Address: Department of Chemical Engineering, Haldia Institute of Technology, Hatiberia, Purba Medinipur, Haldia , West Bengal, India, Pin 721657
Telephone: 9732961156
Fax : 03224252900
E-mail: bmandal@hithaldia.ac.in,
mandal.biswajit@gmail.com
hithodche@gmail.com

Partner name: Sunkonnect Pte Ltd., Solar energy Company, Singapore
Partner representative: Dr. Goutam Dalapati and Raghavendra Lawaniya
Position: CEO and Vice President Operations
Address: 1 Cleantech Loop, #02-26, Singapore
Telephone: +6583106430
E-mail: gdalapati@gmail.com,

raghavendra.lawaniya@sunkonnect.co

contact@sunkonnect.co

Goutam _____ Date: 02/02/22
(Dr. Goutam Dalapati, CEO, Sunkonnect Pte Ltd, Singapore)

_____ Date: 01-02-2022
(Raghavendra Lawaniya, Vice President Operations, Sunkonnect Pte Ltd, Singapore)

_____ Date: 28/1/22
(Dr. Biswajit Mandal, Associate Professor, Coordinator of Multidisciplinary Research Lab on Renewable Energy, HIT, Haldia)

_____ Date: 28/1/22
Head
Dept. of Chemical Engg.
Haldia Institute of Technology
(Dr. Sunil Baran Kuila, Professor and HOD of Chemical Engg., Department,HIT, Haldia)

28/11/2022
_____ Date:
(Dr. Asit Baran Maity, Professor and Pricipal Incharge., HIT, Haldia)

Principal In-charge
Haldia Institute of Technology