Memorandum of Understanding

between **Indian Institute of Technology Delhi and MNRE** in respect of creating a Renewable Energy programme.

An MOU has been reached this 24th day of February two thousand twelve between the Ministry of New & Renewable Energy, GOI (hereinafter referred to as MNRE) and Indian Institute of Technology Delhi (Name of Institute), (hereinafter referred to as the Institute) with respect to supporting the Centre for Energy Studies of the University/Institute.

This MOU is over and above the terms and conditions mentioned in the administrative approval of HRD programme of the Ministry and deals mainly with delineating the responsibilities of MNRE, the Institute, the fulfillment of which is essential for achieving the objectives of the HRD Programme of the Ministry.

The objectives of the Grant-in-aid Support for lab and library upgradation is to strengthen the capacity of grantee institution in providing quality education in the field of renewable energy in their undergraduate and post graduate courses by way of setting up necessary experiments as also procuring new books related to renewable energy relevant for the courses being offered in renewable energy.

The objective of granting fellowships for M.Tech and Ph.D students is to attract the talented mind to undertake masters and Ph.D courses in the field of renewable energy.

IV Responsibilities of MNRE

MNRE will be responsible

- 1. To provide one-time grant-in-aid support of Rs. 50 lakh only to the institutions/ university in two installment of Rs.30 lakh and Rs. 20 lakh respectively for lab and library upgradation,
- 2. To provide fellowship as per AICTE norms to M.Tech students and CSIR norms to Ph.D students for their M.Tech or PhD programme as the case may be.
- 3. To issue the sanction order and release the necessary funds,
- 4. To organize a National Convention of Renewable Energy Fellows annually to sensitize them about National and International priorities as also to review the work being done by them.

IV Responsibilities of the university/institute

The responsibility of the institute/university will be but not limited to

 To upgrade the lab and library facility by introducing new practicals relevant to the syllabus of renewable energy courses being offered at undergraduate and post graduate levels ,

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- 2. Identify necessary equipment relevant to experimental set-ups and books related to renewable energy education
- 3. Provide adequate and suitable laboratory space for the new equipment/experiments being set-up in the premises of the Institute,
- 4. Keep the Ministry informed about the equipment being procured and experiments being setup.
- 5. To select the students for M.Tech as per Institute norms and for Ph.D as per Institute norms. Ministry would be kept informed to be able to nominate respresentatives to participate in the selection proess. The M.Tech and Ph.D fellowship will be granted to students pursuing work on renewable energy areas primarily in the thrust areas identified by MNRE under its R&D Programme (Ph.D work).
- 6. The lab and library upgradation would be carried out following the approved processes of the Institute. Progress made in them would be reported to MNRE periodically.

V Responsibilities of the M.Tech and Ph.D Scholars

- 1. To give a commitment to undertake courses at the university Institute for the full tenure of the fellowship as per norms of the Institute.
- 2. To abide by the Rules/Regulations of the Institute, as well as the terms & conditions of the National Renewable Energy Fellowship programme of the Ministry;

VI Other Terms & Conditions

- 1. The lab and library upgradation grant amount of Rs. 50 lakh will be released in two installments of Rs.30 lakh and Rs. 20 lakh respectively. Second installment will be issued only after all the equipment and books have been procured and lab have been set-up and audited statement of expenditure and utilization certificate have been received by the Ministry. The fellowship amount will be released periodically on receiving a demand note from University /Institute.
- 2. The Institute will set-up necessary laboratory by September 2012.
- 3. MNRE reserves the right to add, delete or modify from time to time, any part of this MOU. However, the decision to add, delete or modify the provisions of the MOU shall invariably be approved by the Competent Authority of MNRE. Institute recognizes that the MNRE has adopted a model course curriculum developed by the Ministry with inputs from ex faculty from the Institute. The Institute would evolve its curriculum through its own approved processes using this as the base curriculum.
- 4. On all aspects, where this MOU is silent, or for special cases of deviation from the provisions of this MOU the decision of MNRE shall be final.

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The above MOU has been entered into and signed on behalf of MNRE and the university/institute on the day, month and year first above written.

Director of Institute

आर. के. शेवगांवकर R.K. SHEVGAONKAR

निदेशक/Director

भारतीय प्रौद्योगिकी संस्थान दिल्ली Indian Institute of Technology Delhi बास, (Seal of Office) Khas, New Delhi-16

Joint Secretary to the Government of India,

MNRE

মাসমেন্দ্র ক্রম্পুর্ব কর্মির / TARUN KAPOOR संयुक्त सचिव / Joint Secretary নবীন और नवीकरणीय कर्जा मंत्रासय Ministry of New and Renewable Energy भारत सरकार / Govt. of India

(Seal of office)

Witness