

Memorandum of Understanding (MOU)

between

**Pt. Ravishankar Shukla University Raipur,
Amanaka G.E. Road, Raipur (CG) 492010
- hereinafter referred as PRSU**

&

**Chhattisgarh State Renewable Energy Development Agency
(CREDA),
V.I.P. Road (Airport Road), Near Energy Education Park, Raipur,
C.G.492001 - hereinafter referred as CREDA**

PRSU-CREDA RENEWABLE ENERGY COOPERATION

**This Memorandum of Understanding (MOU) memorializes the
Participants intent to cooperate to maximize the benefit of their
respective institutional interests.**

Memorandum of Understanding (MOU) between Pt. Ravishankar Shukla University Raipur, Amanaka G.E. Road, Raipur (CG) 492010 & Chhattisgarh State Renewable Energy Development Agency (CREDA), V.I.P. Road (Airport Road), Near Energy Education Park, Raipur, C.G.492001, Dated. 19th September 2016.

Whereas Pt. Ravishankar Shukla University Raipur, hereinafter called PRSU, is the leading body of higher education and research, funded by the state and central government and having the status of the largest & one of the oldest University of Chhattisgarh with 244 affiliated colleges and has been ranked country's 46th best University by the Union Human Resources Ministry's National Institutional Ranking Framework (NIRF) 2016. The University has 28 teaching departments which offers seven under-graduate and Thirty Eight post-graduate programs in various disciplines besides being a well-known centre for Ph. D. Programmes;

Whereas Chhattisgarh State Renewable Energy Development Agency, hereinafter called CREDA has been constituted under the Department of Energy, Government of Chhattisgarh for implementation of various schemes pertaining to Renewable Energy sources and Energy Conservation activities;

Whereas PRSU has specialisation in Optoelectronics , Photonics, Semiconductors ,Organic Electronics, Modelling Solar Photovoltaics, Physics & Astro Physics, Thin Film deposition, geological and Water Resource Management, Energy management, Power electronics, chemical and physical testing, telecommunication etc and started a UGC approved three year Degree course **Bachelor of Vocation in Renewable Energy Technology & Management** under the National Skill Qualification Framework

Whereas CREDA, as State Nodal Agency, is engaged in implementation of programmes of the Ministry of New & Renewable Energy (MNRE) of the Government of India such as Solar Thermal, Solar Photovoltaic, Remote Village Electrification, Bio-mass Gasifier etc. and is also the State Designated Agency (SDA) of Bureau of Energy Efficiency of Ministry of Power, Govt of India, to coordinate, regulate, implement and enforce the provision of the Energy Conservation Act 2001.

Whereas both Parties had extensive discussion and consultation with a view to synergising their knowledge, capability, experience and expertise;

Purpose


The objective of this Memorandum of Understanding is to promote a mutually beneficial partnership between the Parties in the field of renewable Energy to promote transtion to low carbon economies. This MoU will facilitate CREDA to contribute to the B.Voc.in Renewable Energy Technology & Management and other Programmes through exchange of ideas and expertise, and guest faculty.

Both Parties have decided to enter into a Memorandum of Understanding, herein after called MOU, as follows:-

1. Both Parties, one being the leader in Renewable Energy and Energy Conservation/Efficiency in the State and the other being the foremost higher education institution of the State, agree that there is a need for collaboration between them in the overall interest of the country;
2. Both Parties recognise that there is huge potential to benefit from each other in improving their respective knowledge, expertise and experience;
3. Both Parties agree to open up their facilities, laboratories and infrastructure for their mutual benefit;

4. Both Parties agree to exchange their faculties/ engineers and evolve curricula for facilitating this exchange programme for their upgrading their knowledge and skills;
5. It is also agreed that PRSU will help CREDA in the form of testing and consultancy provider in the Projects based on Renewable Energy and Energy Conservation/Efficiency. It was noted that PRSU already is having some infrastructure for testing and monitoring electrical parameters of Solar Systems and Electrical equipments which they will upgrade to the required level with the assistance and guidance of CREDA and shall carry out these tests of electrical equipments, water, chemicals, solar thermal, PV products etc. PRSU norms will be followed for the claim of testing and consultancy fees.
6. It is also agreed that depending on the availability of testing facilities at PRSU, CREDA will avail facilities for testing of products like Solar Lanterns, Solar Task Lamps, Solar Study lamps, Solar Home Lighting Systems, Inverters, Charge Controllers, Power Conditioning systems, Solar Pumps, Solar Cookers, Solar Water Heating Systems, Energy Efficient Lamps etc.
7. It is also agreed that CREDA will assist PRSU in getting the financial assistance and accreditation of an Approved Lab, by the Ministry of New & Renewable Energy (MNRE), Govt of India & Bureau of Energy Efficiency (BEE), Ministry of Power, Govt of India.
8. It is also agreed that CREDA will organise training programs for students of Bachelor of Vocation in Renewable Energy Technology & Management and extend support to this course that will give birth to a young dynamic generation of engineers who will inherit the challenge of creating a sustainable future.
9. Both Parties agree to constitute a Standing Committee comprising of equal number of Members from both the organisations with a rotating Chairman to formulate future programmes of collaboration and review the progress of their implementation.
10. This MoU will take effect from the date it is signed by representatives of the two organizations. It will remain valid for a period of five years. This MoU will be reviewed after two years; the terms of this MoU may be amended by mutual written agreement prior to the date of review. Any extension to this MoU will be formally agreed in writing by both Parties.
11. Either party may terminate the MoU by giving written notice to the other party three months in advance. Once terminated, neither PRSU nor CREDA will be responsible for any losses, financial or otherwise, which the other organization may suffer. However, PRSU and CREDA will ensure that all activities in progress are allowed to complete successfully.

This Memorandum of Understanding is signed at Raipur on 19/09/16


(Dr. Sheo Kumar Pandey)

Vice-Chancellor

Pt. Ravishankar Shukla University, Raipur Chhattisgarh State Renewable Energy Development Agency

(PRSU) Raipur (CG)
Vice Chancellor

(CREDA) Raipur (CG)

Pt. Ravishankar Shukla University

RAIPUR (CG)

Witness 1