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MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2022/1753

31st May, 2022.

OFFICE ORDER

Subject: Energy Swaraj Ashram Team – Incubation Center

Mewar University has signed an MOU with Energy Swaraj Foundation for establishment of Energy Swaraj Ashram. An Incubation Centre at Mewar University is formed to support and monitor the members to conduct the various activities under incubation centre. All the members and coordinators will report to Mr. Kapil Nahar (Deputy Dean, Faculty of Engineering & Technology).

S.No.	Name	Department	Responsibility
1	Dr. Aj Singh Umashankar	Professor, Physics	Member
2	Mr. Ajay Kumar Joshi	HoD, IT	Coordinator
3	Mr. Anshu Kumar	Dr. HoD, ME	Member
4	Mr. Anshu Kumar	Asst. Prof. DCI	Member
5	Mr. Raj Kishore	Asst. Prof. EE	Member
6	Mr. Anamika Kumar Saini	Asst. Prof. COE	Member
7	Mr. Anshu Kumar	Asst. Prof. ME	Member
8	Mr. Anshu Verma	T.A. EE	Member
9	Mr. Anshu Verma	T.A. EE	Member
10	Mr. Anshu Verma	Student, ME, 2 nd Year	Member
11	Mr. Anshu Verma	Student, ME, 2 nd Year	Member

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A Report on

Installation of Energy Swaraj Ashram (Solar Incubation Center) In Mewar University

(Date- 7th June-9th June 2022)


Aim: - Energy Swaraj Ashram is a unique name given to the Solar Incubation Centre installed by Energy Swaraj Foundation. Mewar University Energy Swaraj Ashram has been set up in the University from 7th to 9th June 2022. The aim of establishing Energy Swaraj Ashram is to contribute in making society, nation and the entire globe independent in the field of energy concerned so far. By educating the students (Indian as well as Foreigner) studying in the Mewar University about the importance and use of solar energy. Participant students after graduating from the University shall be able to use their knowledge and expertise (gained during the installation of Energy Swaraj Ashram) for adoption and development of solar energy as the prime energy resource for the mankind.

Introduction: - The Energy Swaraj Ashram has been established as a result of the combined effort of Mewar University and Energy Swaraj Foundation.

Mewar University is a well-known and respected name in the field of education and social development. Within the short period of its establishment, it has set a milestone by providing quality and research based education to the students from different part of the globe helping them to be ahead of other. It is conducting a large no. of courses from Engineering & Technology to Paramedical, from Humanity to Management, from Law to Environment, from Naturopathy to Music and many more from certificate level to doctorate level.

Energy Swaraj Foundation is a non-profitable Organization formed to establish Energy Swaraj (Independence in Energy) across the globe. The motto of ESF is "Energy by Locals for Locals". Founder of Energy Swaraj Foundation, Prof. Chetan Singh Solanki (a professor at IIT Bombay and also a researcher, innovator, author) has set a principle known as AMG where A stands for 'Avoiding use of energy' as far as possible, M stands for 'Minimization of use of energy' by using energy efficient appliances & accessories, and G stands for 'Generation of required energy' (which gets reduced drastically after adopting initial two steps i.e. A & M) locally using solar energy as the energy resource. Prof. Solanki is much inspired with the father of nation Mahatma Gandhi. As Gandhi Ji had established Sabarmati Ashram during the independence movement of India, Prof. Solanki has named the Solar Incubation Centre (or Solar Power Plant) being installed by Energy Swaraj Foundation as Energy Swaraj Ashram as he is in the mission of getting independency in energy sector.

Prof. Solanki (given name as Solar Man of India by Times of India) has undertaken Energy Swaraj Yatra for a period of 11 years till 2030 through a solar bus. In the wake of serious and catastrophic climate change, this Energy Swaraj Yatra is designed to create a public movement towards complete adoption of solar energy. During his Energy Swaraj Yatra, he visited the Mewar University and a Memorandum of Understanding (MOU) was signed between these two


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prestigious Conglomerates. And as a result the Mewar University Energy Swaraj Ashram has been established.

Objective: - In the way of providing quality and research based education in applied manner to make the students ahead of other in the current highly competitive job market, Mewar University is habitual of conducting extra-curricular academic activities, short term workshop, training etc. at short interval of time. In this regard, Mewar University Energy Swaraj Ashram has been set up.

Main objective of establishing Mewar University Energy Swaraj Ashram is to provide theoretical and applied knowledge to the University students about solar energy, its importance and adoption, generation of electricity using solar energy and its utilization including full cycle of installation of a solar power plant from designing to execution.

Installation :- Beside the background efforts, the final installation of the Solar Incubation Centre and conduction of related training was held for three days from 7th – 9th June, 2022. Day wise activities are mentioned below:

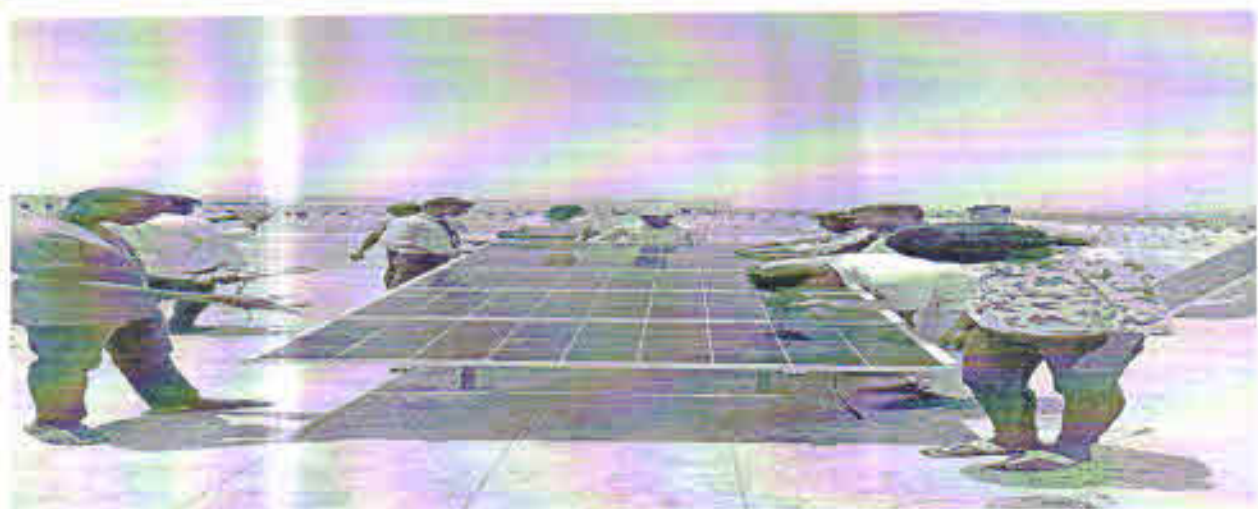
Day 1:- On the 1st day of establishment of Solar Incubation Centre, charging controller, solar inverter and battery bank were installed. Loads to be operated from normal city supply and those to be operated from solar electricity were segregated. Similarly some dedicated solar appliances were also installed and all the appliances and accessories were connected to system using proper electrical circuits as per design and specifications. All participant students were introduced with the various appliances mentioned above and their functions too by Mr. Lalit Madoriya (Trainer) of Energy Swaraj Foundation.



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Day 2 :- On the 2nd day of establishment of Solar Incubation Centre, solar panels (one of the core part of the centre) were installed on the roof top of engineering block on specified structure as per the design and specifications. After installation, all the panels were interconnected by proper wiring and finally connected to charging control system of the centre.



Day 3:- On the 3rd day of establishment of Solar Incubation Centre, Trainer's lecture was presented on solar energy. A complete training on design aspects was provided to the students to make them capable of designing a solar power plant for a given particular load centre. On that occasion students were trained to assemble Solar Diya using a no. of components. Total 30 no. of Solar Diya were made complete by the 60 no. of participating students.

This complete process of establishment of Mewar University Energy Swaraj Ashram was carried out in the Electrical Engineering Department under the supervision of Dep. Dean – Engineering Mr. Kapil Nahar and Co-ordination of Mr. Deepak Kumar Joshi, HOD – Electrical Engineering Department. Valuable presence of all the Heads, Faculties Members and Students of Faculty of Engineering & Technology were also therein. In this event above 60 Numbers of students from different engineering branches and from different countries like India, Nepal, Nigeria etc. participated and got benefited.

After completion of installation of Solar Incubation Centre and training, students were found happy and satisfied. Trainer Madoriya said that students were found so intelligent and skillful.


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Dep. Dean Mr. Kapil Nahar said that such training helps students getting self-confidence and special talent. He was optimized that such training support students to get a positive and unique identification in today's competitive job market. HOD – Electrical Dept. and Co-coordinator of this project Mr. Deepak Kumar Joshi said that because of limited availability of energy resources based on carbon contained petroleum products and their negative impact on environment, at the present scenario solar energy bears much importance. He further added that because of the establishment of Solar Incubation Centre and training provided, the students after graduating from University shall play lead role in making the society and nation independent in the sector of energy. Participated students expressed their gratitude towards the Mewar University and Energy Swaraj Foundation for providing such fruitful training during the Installation of Solar Incubation Centre.




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MEWAR UNIVERSITY ,GANGRAR,CHITTORGARH**DEPARTMENT OF ELECTRICAL ENGINEERING****SOLAR INCUBATION CENTRE**

S.NO	ENROLLMENT NO	COURSE	BRANCH	STUDENT
1	MUR2000751	B.TECH	CIVIL	SUMIT KUMAR YADAV
2	MUR2002591	B.TECH	CIVIL	ANWAR MIKRANI
3	MUR2000750	B.TECH	CIVIL	AALOK PANDAY
4	MUR2002615	B.TECH	CIVIL	DEVID YADAV
5	MUR2002588	B.TECH	CIVIL	MADHURENDRA YADAV
6	MUR2001339	B.TECH	CIVIL	KRISHANA THAKUR
7	MUR2100387	DIPLOMA	EE	AMAR KUMAR
8	MUR2100739	DIPLOMA	EE	AMIT KUMAR YADAV
9	MUR2000163	B.TECH	CIVIL	ARISH AHMED
10	MUR2100990	DIPLOMA	EE	ANIL KHAROL
11	MUR2101966	DIPLOMA	EE	DHOBI SURAJ KUMAR
12	MUR2002133	B.TECH	EE	MADAN SINGH CHOUHAN
13	MUR1900700	B.TECH	EEE	AMAN SINGH
14	MUR1900237	B.TECH	EEE	JAYTOSH KUMAR
15	MUR2002597	B.TECH	CIVIL	AADITYA CHODHARY
16	MUR2000354	B.TECH	CIVIL	NAVIN KUMAR
17	MUR2100279	DIPLOMA	EE	VINOD KUMAR
18	MUR2000806	DIPLOMA	EE	GANESH SAH
19	MUR2002735	B.TECH	CIVIL	AARATI KUMARI YADAV
20	MUR2000500	B.TECH	CIVIL	AMIL ALI KHAN
21	MUR2000600	B.TECH	MECH	SAJAN ALI
22	MUR2002044	B.TECH	CIVIL	TRIOKI YADAV
23	MUR2002753	B.TECH	EE	NABIN CHANDRA DEO
24	MUR2000496	B.TECH	EE	DURGESH CHOUHAN
25	MUR1900454	B.TECH	PETRO. CHEM.	Haidar Ahmed
26	MUR1900383	B.TECH	CIVIL	ABDULRAHAMN MUTAHAR
27	MUR2100037	B.TECH	PETRO. CHEM.	PAKAM JOEL FATTNSON
28	MUR2100049	B.TECH	PETRO. CHEM.	JOHN DAVID MARSHAL
29	MUR2002579	B.TECH	CIVIL	AKASH MISHRA
30	MUR2002567	B.TECH	MECH	SURJIT SAH
31	MUR2000857	B.TECH	ECE	G. SESHU NAGARJUNA
32	MUR2100028	B.TECH	EEE	TUKUR USMAN ALIYU
33	MUR2100034	B.TECH	EEE	AHMAD MUHAMMAD MUZIL
34	MUR2100021	B.TECH	EEE	MARYAM ABDULKADIR
35	MUR2100023	B.TECH	EEE	VICTORIA BUBA BELLO
36	MUR2100030	B.TECH	EEE	UMASU EMMANUEL
37	MUR2100032	B.TECH	EEE	YAKUBU GODWAL
38	MUR2100026	B.TECH	EEE	SANASI ABUBAKER
39	MUR2100025	B.TECH	EEE	PHILEMON HONESTY

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40	MUR2100031	B.TECH	EEE	ABDULMALIK SALI
41	MUR2100701	B.TECH	EEE	AKRATI KUAMRI SINGH
42	MUR2100471	B.SC	AIRCRAFT	SEJAL SAHANI
43	MUR2101685	B.TECH	CSE	SHAGUFTA
44	MUR1800939	B.TECH	MECH	NAJMUDIN ANSARI
45	MUR2101381	B.TECH	CIVIL	RAVINDER KUMAR
46	MUR2101193	B.TECH	CSE	UBAID HASSAN
47	MUR2101136	B.TECH	CSE	JEESHAN MUSHTAQ
48	MUR2101749	B.TECH	CIVIL	RAMESH KUMAR SAH
49	MUR2100022	B.TECH	ECE	MUSA JIBRILLA
50	MUR2100047	B.TECH	ECE	ISHIYAKU HARUNA SAJO
51	MUR1900308	DIPLOMA	EE	OMPRAKASH AHIR
52	MUR2100465	B.TECH	MECH	SHIVAM TIWARI
53	MUR1900117	B.TECH	MECH	JOYSANKAR BARMAN
54	MUR1900253	B.TECH	MECH	UTSAV KUMAR
55	MUR1801142	M.TECH	EE	NITISH KUMAR JHA


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मेवाड़ विश्वविद्यालय में सोलर इन्व्यूबेशन सेन्टर की स्थापना

राजस्थान दर्शन

चित्तौड़गढ़/गंगारार मेवाड़ विश्वविद्यालय तथा एनर्जी स्वराज फाउण्डेशन के संयुक्त प्रयास से विश्वविद्यालय के इलेक्ट्रिकल इंजिनियरिंग विभाग में सोलर इन्व्यूबेशन सेन्टर की स्थापना की गई। इसके तहत तीन दिवसीय प्रशिक्षण कार्यक्रम भी संचालित किया गया जिसका समापन 9 जून को हुआ। इसके समन्वयक इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी रहे। एनर्जी स्वराज फाउण्डेशन के ललित मदारिया ने छात्रों को सैद्धान्तिक एवं प्रायोगिक कौशल पर प्रशिक्षण दिया। डिप्टी डीन इंजिनियरिंग कपिल नाहर ने कहा इस प्रकार के कार्यक्रम छात्रों में कौशल के साथ ही आत्मविश्वास भी जगाते हैं। इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी ने कहा कि परम्परागत कार्बनयुक्त पेट्रोलियम उत्पाद आधारित उर्जा स्रोत की सीमितता और उसके द्वारा सृजित वातावरणीय प्रदूषण के वर्तमान परिप्रेक्ष्य में सौर उर्जा का महत्व और भी बढ़ जाता है उस सोलर इन्व्यूबेशन सेन्टर की स्थापना से विश्वविद्यालय के विद्यार्थी इस क्षेत्र में निपुण हो जायेंगे। इससे वह देश को सौर उर्जा



के क्षेत्र में आत्मनिर्भर बनाने की दिशा में महत्वपूर्ण भूमिका निभाएंगे। इसके तहत विद्यार्थियों ने सोलर पैनल के स्ट्रक्चर और डिजाइन के साथ साथ विश्वविद्यालय की छत पर स्थापित भी किया। इस कार्यक्रम में इलेक्ट्रिकल, इलेक्ट्रिकल एवं इलेक्ट्रॉनिक्स, इलेक्ट्रॉनिक्स एवं कम्प्युटेशन, मेकेनिकल, माइनिंग, केमिकल, कम्प्युटर साइंस इंजिनियरिंग तथा सिविल इंजिनियरिंग विभाग के विद्यार्थियों ने हिस्सा लिया। विश्वविद्यालय में अध्ययनरत भारतीय विद्यार्थियों के साथ-साथ नेपाल और नाईजरिया के विद्यार्थियों ने भी सक्रिय प्रतिभागिता की।


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जयपुर मिड-डे टाइम्स

चित्तौड़गढ़/गंगारामगढ़पुर । मेवाड़ विश्वविद्यालय तथा एनजी स्वराज फाउण्डेशन के संयुक्त प्रयास से विश्वविद्यालय के इलेक्ट्रिकल इंजिनियरिंग विभाग में सोलर इन्व्यूबेशन सेन्टर की स्थापना की गई। इसके तहत तीन दिवसीय प्रशिक्षण कार्यक्रम भी संचालित किया गया जिसका समापन 9 जून को हुआ। इसके समन्वयक इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी रहे। एनजी स्वराज फाउण्डेशन के ललित मंदोरिया ने छात्रों को सैद्धांतिक एवं प्रयोगिक कौशल पर प्रशिक्षण दिया। डिप्टी डीन इंजिनियरिंग कपिल नाहर ने कहा इस प्रकार के कार्यक्रम छात्रों में कौशल के साथ ही आत्मविश्वास भी जगाते हैं। इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी ने कहा कि परम्परागत कार्बनयुक्त पेट्रोलियम उत्पाद आधारित उर्जा स्रोत



की सीमितता और उसके द्वारा सृजित वातावरणीय प्रदूषण के वर्तमान परिप्रेक्ष्य

में सौर उर्जा का महत्व और भी बढ़ जाता है इस सोलर इन्व्यूबेशन सेन्टर की

स्थापना से विश्वविद्यालय के विद्यार्थी इस क्षेत्र में निपुण हो जायेंगे। इससे वह देश को सौर उर्जा के क्षेत्र में आत्मनिर्भर बनाने की दिशा में महत्वपूर्ण भूमिका निभाएंगे। इसके तहत विद्यार्थियों ने सोलर पैनल के स्ट्रक्चर और डिजाइन के साथ साथ विश्वविद्यालय की छत पर स्थापित भी किया। इस कार्यक्रम में इलेक्ट्रिकल, इलेक्ट्रिकल एवं इलेक्ट्रॉनिक्स, इलेक्ट्रॉनिक्स एवं कम्प्यूटेशन, मेकेनिकल, मॉडर्निंग, केमिकल, कम्प्यूटर साइंस इंजिनियरिंग तथा सिविल इंजिनियरिंग विभाग के विद्यार्थियों ने हिस्सा लिया। विश्वविद्यालय में अध्ययनरत भारतीय विद्यार्थियों के साथ-साथ नेपाल और सर्बिया के विद्यार्थियों ने भी सक्रिय प्रतिभागिता की। इस अवसर पर सूरज कुन्हार, जितेन्द्र वासवाणी, नरेन्द्र वेद, अनुभव राठी, दिनेश कुमार, हिमांशु कुमार साधु, निरमा कुमारी शर्मा सहित विश्वविद्यालय के शिक्षकगण एवं विद्यार्थी उपस्थित रहे।

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जयपुर शक्रवार, 10 जून :


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मेवाड़ विश्वविद्यालय में सोलर इन्क्युबेशन सेन्टर की स्थापना



चमकता राजस्थान

चित्तौड़गढ़/गंगरार (अमित कुमार चेचानी)। मेवाड़ विश्वविद्यालय तथा एनर्जी स्वराज फाउण्डेशन के संयुक्त प्रयास से विश्वविद्यालय के इलेक्ट्रिकल इंजिनियरिंग विभाग में सोलर इन्क्युबेशन सेन्टर की स्थापना की गई। इसके तहत तीन दिवसीय प्रशिक्षण कार्यक्रम भी संचालित किया गया जिसका समापन 9 जून को हुआ। इसके समन्वयक इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी रहे। एनर्जी स्वराज फाउण्डेशन के ललित मदोरिया ने छात्रों को सैद्धान्तिक एवं प्रायोगिक कौशल पर प्रशिक्षण दिया। डिप्टी डीन इंजिनियरिंग कपिल नाहर ने कहा इस प्रकार के कार्यक्रम छात्रों में कौशल के साथ ही आत्मविश्वास भी जगाते हैं। इलेक्ट्रिकल इंजिनियरिंग विभाग के विभागाध्यक्ष दीपक कुमार जोशी ने कहा कि परम्परागत कार्बनयुक्त पेट्रोलियम उत्पाद आधारित उर्जा स्रोत की सीमितता और उसके द्वारा सृजित वातावरणीय प्रदूषण के वर्तमान परिप्रेक्ष्य में सौर उर्जा का महत्व और भी बढ़ जाता है इस सोलर इन्क्युबेशन सेन्टर की स्थापना से विश्वविद्यालय के विद्यार्थी इस क्षेत्र में निपुण हो जायेंगे। इससे वह देश को सौर उर्जा के क्षेत्र में आत्मनिर्भर बनाने की दिशा में महत्वपूर्ण भूमिका निभाएंगे।

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