






Report of organizing a week on Sustainable Technologies for Rural Development

<p align="center">JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY Waknaghat, Solan-173234, H.P.</p> <p align="center">Organizing a week on Sustainable Technologies for Rural development (4th – 9th November 2019)</p> <p align="center">Under Centre of Excellence in Sustainable Technologies for Rural development (CESTRD)</p> <p>❖The mission of CESTRD is to uplift the lifestyle and living status of rural people through intervention of sustainable technologies. ❖The students will get an opportunity to learn about working and maintenance of various sustainable technologies.</p> <p align="center">Special Program for School Students from 9th to 12th Standard</p> <p align="center">Sustainable Technologies Facilities at Jaypee University of Information Technology, Waknaghat, Solan, H.P.</p>		
<p>Water Treatment Plant</p> 		<p>Sewage Treatment Plant</p>
<p>Production of Charcoal as a Fuel from Pine Needles</p> 	<p>Green House Technology</p> 	<p>Solar Cell</p> 
<p>Biogas Reactor for Fuel Generation</p> 	<p>Production of Organic Fertilizers from Waste</p> 	
<p align="center">Book your slots (2 HRS each) from 4th to 9th November 2019, 09:00 am-5:00 pm intimating at : Prof. Subir Kumar sudhir.sval@juit.ac.in & Prof. Ashish Kumar ashish.fce@juit.ac.in Contact mobile numbers: Dr. Ragini Raj Singh (9625643296), Dr. Ashok Kumar (9805806736) Dr. Abhishek Chaudhary (8894381870), Dr. Harsh Sohal (8262054886)</p> <p>❑Maximum students in one slot will be 40 + 2-3 faculty members. ❑Students can have lunch at Rs.75/- , available in university campus on prior information.</p>		

On the theme of ‘Science and Technology for Sustainable Future’, the CESTRD organized a special program for students on Sustainable Technologies from November 4 to 9, 2019. The objective of this program was to provide the opportunity to students and teachers to learn about maintenance and working of various sustainable technologies existing at JUIT campus:-

1. Water Treatment Plant
2. Sewage Treatment Plant
3. Production of Charcoal as a Fuel from Pine Needles
4. Green House Technology
5. Solar Cells
6. Biogas Reactor for Fuel Generation
7. Production of Organic Fertilizers Form Waste

Our centre of excellence is having a theme to aware the people especially from the rural background to acquire the knowledge an importance of sustainable technologies. In this context, JUIT hosts a variety of programs in the centre and this program was one among that series. The participants focus and learn about various technologies. Our centre links the use of these sustainable technologies with environmental protection and livelihood. Faculty, students and staff members from various schools, colleges, universities from HP and neighboring state joined this program and learnt about these techniques.

a) Students (36) of DAV MAS Public School, Tutu, Shimla (Date of Visit – 04 November, 2019)The 9th and 10th grade students of DAV school joined on 04 November and had good interaction with the resource persons of CESTRD. One faculty member was also associated with them.





b) Students (45) of Y.S.Parmar University of Horticulture and Forestry, Nauni, Solan, HP (Date of Visit – 04 November, 2019)

The Students' groups comprised of undergraduates, post graduate and Ph.D. students of Y.S. Parmar University of Horticulture and Forestry, Nauni. Two faculty members were also associated with them.

c) Students (50) of Public College, Samana, Patiala, Punjab (Date of Visit – 06 November, 2019)

Students of B.Sc. agriculture and Medical stream of Public College, Samana visited CESTRD. Two faculty members (Dr. Sunnet Gupta and Dr. Amit Sareen) were also associated with them. They took keen interest in the rural technologies and enquired about the establishment of these technologies in their college/area.







d) Forty students of B. Sc. Science stream of Khalsa College, Patiala visited us. Two faculty members (Dr Nipunjot Kaur, Dr Arpit Kumar) accompanied them. ((Date of Visit – 07 November, 2019)







e) **3 heads of Pinegrove School, Subathu attended the program.** They were from Dharampur, and Subathu, Solan (Cdr Nagi, Capt Renu Sharma and Mr. Manmohan Singh). They had a good interaction with our team and their aim was to replicate waste management technologies in their campus. **(Date of Visit - 7th Nov 2019).**

f) **32 students of Army Public School, Dagshai from 9th to 11th standard participated in this program.** Their teacher Mr Rakesh Kumar accompanied them on 08 Nov 2019 and learnt about working and maintenance of various sustainable technologies.

Feedback from all the participating students and faculty were taken.