

C. ONGOING PROJECTS AND PROGRAMMES

(a) Projects

1. ENERGY CELL AT KSCST

Principal Investigator : Executive Secretary, KSCST
Co-Principal Investigator : Mr. S N Jayaram, KSCST

The following activities were carried out at Energy Cell of KSCST during April 2016 to October 2016.

Divecha Centre for Climate Change, Indian Institute of Science, KSCST and IREP, Zilla Panchayath, Bangalore rural district officials visited a hamlet near Tippegondanahalli Reservoir, Bangalore, on 9th March 2016 and carried out the survey to explore the implementation of solar PV Power Plant.

At the request of Malai Mahadeshwara Temple Authorities, Technical team of KSCST visited the proposed Solar PV project site at M M Hills in Kollegala Taluk on 11/05/2016 and 09/07/16 for preparation of the Detailed Project Report (DPR). The DPR has been prepared and submitted to the Malai Mahadeshwara Temple Authorities on 25th October 2016.

One day workshops were conducted for faculty and students at the following institutions.

- Nagarjuna Institute of Engineering and Technology at Mudukurki, near Authi of Devenahalli, Bangalore on 24th March 2016.
- Siddaganga Institute of Engineering and Technology, Tumkur on 2nd April 2016.
- Sree Jagadguru Chandrashekhara Institute of Technology, Chikkaballapura on 7th April 2016.
- Jyothi Institute of Technology, Tataguni, Bengaluru on 12th April 2016.
- Sahyadri College of Engineering, Mangaluru on 25th April 2016.
- Post Graduate Centre of VTU Regional Campus at Kalaburgi on 29th April 2016.
- Girijabai Sail Institute of Technology, Karwar on 21st October 2016

The Energy Cell of the Council has proposed to take up a new task in the line of skill development so that the ITI trained candidates need not be unemployed even after completion of their technical course. In this direction two meetings were held at Karnataka German Technical Training Institute on 27/05/16 and 06/06/16. Prepared a detailed project proposal with total budget of Rs. 286.00 Lakhs under CSR Funds and submitted to Rural Electrification Corporation Limited (RECL), Government of India on 28/06/2016.



Dignitaries Inaugurating the workshop at Sahyadri College of Engineering at Mangalore



Dignitaries on the Dias during the workshop at PG Centre of VTU Regional Campus at Kalaburgi



Students & Faculty Members of Jyothi Institute of Technology at the workshop



Students & Faculty members of PG Centre of VTU Regional Campus at Kalaburgi at the workshop

KSCST is interacting with RDPR, GoK, with a request to utilise the expertise of Energy cell in implementation of various energy related projects and programmes in Zilla Panchayaths and in their domains.

At the request of the CEO, Zilla Panchayath, Bellary District technical team visited the sites and third party inspection was carried out on 23/08/2016 for the stand alone and centralised Solar PV Street lighting systems installed under Soura Belaku Programme at Kalvi Tanda and Bityana Tanda in Hadagali Taluks of Bellary District. Report was submitted to CEO, Zilla Panchayath, Bellary District on 02.09.2016.

At the request of Zilla Panchayath, Chikkaballapura suggestions were provided for the Technical specification for the centralised Soar PV Street lighting systems tender document, for implementation under Soura Belaku Programmme.