

Technology Portfolio Workshop & Technology Transfer Event of Smart Solar Tree

A technology Portfolio Workshop & Technology Transfer Event of Smart Solar Tree was organized on 25th May 2018 at FORTI office, A-7 2nd Floor, Ganpati Enclave, Civil lines, Ajmer Road, Jaipur. Shri Pankaj Gupta, Chairman Intellectual Property Rights Committee, FORTI gave the welcome address. He welcomed delegates from CSIR-CEERI that included Prof. S. Chaudhury, Director, Dr. S. A. Akbar, Head, PMBD, Dr. Ram Prakash, Scientist-in-Charge, CSIR-CEERI's Jaipur Centre, Dr. Bala Pesala, Principal Scientist, CSIR-CEERI Chennai Centre, Mr. Sachin Devassy, Scientist and Sh. Gyan Singh Meena Technical Officer, CSIR-CEERI's IIT Jaipur Centre. He also welcomed key members present at the function from Federation of Rajasthan Trade and Industry (FORTI), which included Shri Arun Agarwal, Senior Vice-President FORTI, Shri Jagadish Somani, Industrial Committee Chairman FORTI, Shri Vijay Garg, Secretary General, FORTI, Shri Girdhari Lal Khandelwal, Additional Secretary General, FORTI, Shri Vinod Gupta, Vice-President, FORTI, Smt. Ranu Srivastava, Chairman (Ladies Wing) FORTI, Shri Sunil Bansal, Secretary FORTI, Summit Members namely Shri Ajay Gupta, Shri Ravi Rela, Shri Sunil Kumar Jalan, etc. along with other members from various industries present in the event. He discussed about the needs of MSME's in Rajasthan and how CSIR-CEERI can contribute for supporting MSME's and FORTI members.

Thereafter, Shri Arun Agarwal, Senior Vice-President, FORTI, also welcomed the experts from CSIR-CEERI and gave a detailed introduction about FORTI, its various branches both national and international as well as its primary objectives. He mentioned that the Federation of Rajasthan Trade and Industry (FORTI) is an apex chamber of Trade & Industry of the state of Rajasthan and is a registered body of Non Trading Companies. It has a membership of more than 10000 direct members and 1,00,000 indirect members which includes trading & industry establishments, industry specific associations, institutions besides individuals and compasses wide spectrum of industries & trade in all the sectors of the economy. He added that FORTI acts as a bridge between the Government organizations and its members. It performs as an intermediary for policy advocacy with the governments and dissemination of information amongst its members. The key objectives are to solve

various problems related to industry and general society, clarification of various rules regulations and enacted laws. He further told that Rajasthan is now having a vast network of enterprises in Electronics and Engineering Industry, Metal and Mineral processing, Garment Manufacture, Food Processing, Handicraft, world class urban development, Townships, industrial Estates, Automobile Manufacture, construction stones like marble and granite, large solar and wind power generation farms in which members of FORTI are actively and prominently involved. He expressed his sincere gratitude to sign a MoU with country's premier Institution –CSIR-Central Electronics Engineering Research Institute, Pilani working in the area of Electronics and Allied Engineering. He mentioned that industries in and around the state of Rajasthan will be highly benefited with this initiative and a joint venture for furthering indigenous technologies will be put in place.



Exchanging of MoU documents between CSIR-CEERI and Federation of Rajasthan Trade and Industry (FORTI)

From FORTI side this MoU was signed by Shri Arun Agarwal, Senior Vice-President whereas from CSIR-CEERI side it was signed by Prof. Santanu Chaudhury, Director. Shri Jagadish Somani, FORTI Industrial Committee Chairman while speaking at this occasion told that it is a necessary step for Rajasthan Industries to get direct benefit from a National laboratory of repute to compete internationally with indigenous products and cutting edge technologies. Shri Vijay Garg, Secretary General, FORTI coordinated the entire programme and emphasised that FORTI is tying up with CSIR-CEERI through this MoU and will quickly organize focussed trainings and

seminars to get maximum benefit of the up coming technologies. Shri Girdhari Lal Khandelwal, Additional Secretary General, FORTI also expressed his views. He mentioned that till now CSIR-CEERI was operating from Pilani but it is now good fortune for Rajasthan industries to get quick help, guidance, consultancy and technology support from CSIR-CEERI because CSIR-CEERI has started operating its Incubation-cum-Innovation Hub (IIH) Facility in the Capital of Rajasthan at CFC-1, Mavliya Industrial Area, Jaipur.



Prof. Santanu Chaudhury, Director, CSIR-CEERI and chief guest of the function speaking at this occasion

Prof. Santanu Chaudhury, Director, CSIR-CEERI and chief guest of the function also expressed his happiness for signing a MoU with FORTI and promised industries for full hearted support from CSIR-CEERI. He delivered a keynote presentation at the occasion on "Role of CSIR-CEERI in the Upliftment of Rajasthan through Science and Technology". He further gave broad introduction to the various facilities being provided to industries by CSIR-CEERI through its different centres including Jaipur, Delhi, Chennai and its main campus at Pilani. This was followed by a Transfer of Technology (ToT) agreement exchange between CSIR-CEERI and subsidiary startup of M/s Star Rising Energy Pvt. Ltd., Jaipur on "IoT enabled Smart Solar Tree".



Exchanging of ToT agreement between CSIR-CEERI and M/s. Star Rising Ltd. Jaipur

Dr. Bala Pesala delivered a technology presentation on "IoT enabled Smart Solar". He covered features, advantages and possible application areas of Smart Solar Tree. He mentioned that the unique feature of this solar tree is its numerically optimized panel orientation considering geographical location. Last presentation was made by Dr. Ram Prakash on "CSIR-CEERI's Incubation cum Innovation Hub, Facility at Jaipur". His presentation included an overview of DSIR-Common Research and Technology Development Hub (DSIR-CRTDH) Facility which is being created with the financial support of Department of Scientific and Industrial Research, Govt. of India, CSIR-CEERI's Incubation Unit under the aegis of National Research Development Corporation (NRDC), New Delhi and Centre of Eminence for Skill Development in collaboration with Rajasthan ILD Skill University (RISU). At last he invited FORTI member industries and all other industrial members to visit CSIR-CEERI's Incubation-cum-Innovation Hub, Jaipur Centre to get benefited from this uniquely designed public oriented facility.

At the end of the programme Dr. S. A. Akbar, Head, PMBD proposed vote of thanks. Thereafter, a press briefing was organized which was addressed by the Prof. Santanu Chaudhury, Director, CSIR-CEERI, Dr, S. A. Akbar, Chief Scientist and Head, PMBD, CSIR-CEERI, Shri Vinod Vergoti, Managing Director, M/s Star Rising

Energy Pvt. Ltd. Jaipur and Smt. Gitanjali Pandey technology accepter and Dr. Bala Pesala technology inventor.