



IN TOUCH.....IN TUNE

CSIR-CMERI Monthly Newsletter
Issue 12, March 2017

CSIR-CMERI Diamond Jubilee Foundation Day Celebration



Lighting the Lamp on the occasion of CSIR-CMERI Diamond Jubilee Foundation Day

The Diamond Jubilee Foundation Day of CSIR-CMERI was celebrated on 26th February, 2017. In his welcome address, Prof. Harish Hirani, Director, CSIR-CMERI referred to the past of CMERI as an industry enabler, which in the last few decades included societal needs in its ambit. Highlights on ready-to-be-launched products addressing the issues faced by common people, such as intelligent low-cost robotic wheel chair, arsenic and fluoride filters, post harvesting facility for the north east, solid waste management system, solar trees, photovoltaic inverter etc. formed the core of his message to the gathering. Prof. Ajoy Kumar Ray, Director, IEST Shibpur reflected on the pre-independence Indian science under the leadership of Sir Jagadish Chandra Bose and Acharya Prafulla Chandra Ray and stressed on integration of efforts across various disciplines and organizations for a better future.

The Director General of CSIR, Dr. Girish Sahni, called for introspection to remain relevant to the changing needs of the country. Amid celebrations on the scientific feats achieved, it is also necessary to keep a vigil for areas of improvement, according to Dr. Sahni.



DG, CSIR with Directors of Laboratories/ Institutes and delegates on the occasion of CSIR-CMERI Diamond Jubilee Foundation Day

MoU Signed

A MoU on Development of Solar ON grid inverters with or without storage (**Hybrid Solar Inverter**) has been signed between CSIR-CMERI and M/s. Micromax Energy Limited 21/14, Naraina Industrial Area, Phase-2, New Delhi-110028 on 26.02.2017.

Hindi Seminar on Make in India

A Hindi Seminar on Make in India has been organized at CSIR-CMERI, Durgapur during February 26-27, 2017. The main focus of the Seminar was to give the "Make in India" campaign a refined form through its specific products, innovation and research processes. Directors from different CSIR Laboratories were present in the Inaugural Programme. In his keynote address Shri



Exchange of MOU with Micromax Energy Limited

Jitendra J. Jadhav, Director, CSIR-NAL drew an outline of the business opportunities in the Aerospace Sector and pointed out the importance of Mechanical Engineering in the field of aviation. The role of CSIR-CMERI in making valves for the SARAS aircraft and the ongoing analytical work at CSIR-CMERI to reduce shimmy and judder of the nose landing wheel of the LCA were highlighted in his lecture.



Scientists exhibiting their products to DG, CSIR

Training Programmes

- Five day training on CATIA V5 R19 software was held at the Advanced Design and Analysis Group during February 27 to March 03, 2017. The prime focus was on part design, assembly design, generative shape design, sheet metal design, drafting, real time rendering, DMU Kinematics, etc.
- One day training on Altair Hypermesh Software was held at the Advanced Design and Analysis Group on February 10, 2017. The prime focus was on geometry cleanup and 2D/3D meshing for Finite Element modeling.

Observation of National Science Day – 2017

The National Science Day was observed by CSIR-CMERI on 28th February, 2017 in association with the Institute for Health Studies and Rehabilitation (a unit of Society for Welfare of Handicapped Persons) at their premises at 27, Tagore Avenue, A-Zone, Durgapur-713204 in the august presence of Shri Sankha Santra, SDM, Durgapur, Smt. Asima Chakraborty, Councilor of Durgapur Municipal Corporation, Dr. Dhruva Chakraborty, President, Society for Welfare of Handicapped Persons, Durgapur, Prof. Harish Hirani, Director, CSIR-CMERI and Dr. Shankar Nath Shome, Chief Scientist, CSIR-CMERI. The focal theme of this year's National Science Day being "Science & Technology for specially abled persons", the Robotic Wheel Chair developed at CSIR-CMERI, Durgapur, had been demonstrated to quite a few specially able persons who had been invited for the purpose.



Demonstration of Robotic Wheel Chair on the occasion of National Science Day

Erudite lecture by eminent invited expert

Dr. Subroto Mukherjee, Associate Dean and Head, FCIPT Division, Institute for Plasma Research, Gandhinagar visited CSIR-CMERI on February 22, 2017 and delivered a lecture on **Environment friendly plasma applications**.

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Paper of the Month

A successive ionic layer adsorption and reaction (SILAR) method to fabricate a layer-by-layer (LbL) MnO₂-reduced graphene oxide assembly for supercapacitor application
by Milan Jana, Sanjit Saha, Pranab Samanta, Naresh Chandra Murmu, Nam Hoon Kim, Tapas Kula, Joong Hee Lee
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Annual Sports 2017

CMERI Staff Club organized the annual sports on 11th and 12th February, 2017. Different events were organized based on age group and gender of the participants. Other than standard sports events such as 80/100 metre race, javelin throw, sack race, shot put etc., open to all events like "go as you like", mini marathon and photography contest were also included.



Annual Sports organized during February 11-12, 2017

Accolades

- Shri Rabisankar Mondal, Technical Assistant, Precision Engineering Group, stood first in the CSIR-CMERI Diamond Jubilee Logo Competition.
- A paper entitled 'One pot synthesis of Cu₂O-RGO composite using Mango bark extract for supercapacitor application' by Dr. Tapas Kuila and Shri J. Sharath has received the Best Paper Award in the 'International Conference on Nano for Energy and Water (NEW)-2017' & 'Indo-French Workshop on Water Networking' held at the University of Petroleum and Energy Studies, Dehradun, India during February 22-24, 2017.

Constitution / Reconstitution of Committees

- The following committees have been recommended for approval by competent authority of CSIR-CMERI, for effective functioning, organization and co-ordination of various events during the year-long celebration of CSIR-CMERI Diamond Jubilee. The technical core committee is proposed to be chaired by Dr. Avik Chatterjee, Senior Principal Scientist; the committee for conducting various competitions including science, robogame, essay, quiz, art, creativity etc. to be chaired by Dr. Ranjan Sen, Chief Scientist; the committee for reunion for the past and present institute employees to be chaired by Dr. P. K. Chatterjee, Chief Scientist; the committee for publication of commemorative volumes and video documentation to be chaired by Shri Soumya Sen Sharma, Chief Scientist; the committee for organizing industrial get together to be chaired by Dr. Nagahanumaiah, Senior Principal Scientist; the committee for conducting sports and cultural events to be chaired by Dr. S. N. Nandy, Senior Principal Scientist; the committee for reception, hospitality, stage management for centrally coordinated programs to be chaired by Mrs. Sarbari Datta, Senior Principal Scientist; the committee for advertisement and sponsorship mobilization to be chaired by Dr. S. N. Shome, Chief Scientist; the committee for media communication and publicity to be chaired by Dr. Uma Datta, Chief Scientist; the committee for administration and finance to be chaired by the COA/AO; the committee for IT and other support to be chaired by Dr. Partha Bhattacharya, Senior Principal Scientist.
- The Director, CSIR-CMERI has been pleased to incorporate Dr. N. C. Murmu, Principal Scientist and Head, ESD and Mr. Anshuman Layek, AE & Estate & Welfare officer in the Works Committee. [OM No.: 1.Adm.(1)/Misc./Committee/97-E, dated 09.02.2017]
- In order to ensure the working efficiency, proper utilization of fund and timely completion of Projects, the Director, CSIR-CMERI has constituted a committee under the chairmanship of Dr. S.N. Shome, Chief Scientist. [OM No.: 1.Adm(1)/Misc./Committee/97-E, dated 07.02.2017]
- To dispose of the bamboos trimmed during the cleaning process a committee has been constituted under the chairmanship of Dr. Amit Ganguly, Principal Scientist. [OM No.: 1.Adm(1)/Misc./committee/97-E, dated 03.02.2017]

Transfer

- The Director, CSIR-CMERI has approved the transfer of Sri Ashis Kumar Chowdhury, Chief Scientist & Scientist in-Charge, CoEFM Ludhiana to Durgapur w.e.f. 17.02.2017 (A/N). [OM No.: 10.Adm.(18)/78-E(B), dated 06.02.2017]
- Shri Syed Salman Mojiz, Senior Principal Scientist CoEFM Ludhiana has been transferred to Durgapur w.e.f. 17.02.2017. He may be posted in PPD and RPBDG, where his experience will be needed. [OM No.: 10.Adm.(18)/78-E(B), dated 13.02.2017]
- Shri Subudhan Soren, Assistant (G) Gr-I has been transferred from General Section to Works Cell. [OM No.: 10.Adm.(18)/78-E(B), dated 16.02.2017]
- Shri Santosh Kumar Das, Technical Officer has been transferred from Technology Innovation Centre to Engineering Service Division. [OM No.: 10.Adm.(18)/78-E(B), dated 23.02.2017]

Designated & Additional Responsibilities

- Dr. Naghanumaiah, Senior Principal Scientist was nominated by the Director as the designated Head, PPD starting from 3.2.2017, in view of the impending superannuation of Dr. Biswanath Mondal, Chief Scientist & Head, PPD on 28.2.2017. Dr. Naghanumaiah would be taking over the charge of Head, PPD w.e.f. March 1, 2017. [OM No.: Misc./Estt.1/2003, dated 03.02.2017]
- Consequent upon relief of Shri Ashis Kumar Chowdhuri, Chief Scientist from CoEFM, Ludhiana, the director has nominated Dr. Pradeep Rajan, Principal Scientist as Coordinator of Project and Technical Activities and Dr. Krishnendu Kundu, Senior Scientist as Coordinator, Administrative and Infrastructural Activities. [OM No.: Misc./Estt.1/2003, dated 14.02.2017]

Group Merger/Formation/Renaming

The Human Resource and Development Group was rechristened as the Skill and Innovation Promotion Group, to be headed by Shri Soumya Sen Sharma, Chief Scientist. The Publication and Repository Group would be known as the Publication Group, to be headed by Dr. Sudipta De, Principal Scientist. The Repository Group II was also renamed as the Repository Group under the headship of Dr. Sarita Ghosh, Senior Scientist. These changes were in effect from 13.2.2017. [OM No.: Misc./Estt.1/2003, dated 13.02.2017]

Miscellaneous

- The Planning and Performance Division (PPD) has been shifted from Room No. BA-106 to adjacent Room No. BA-108 at the first floor of the Main Building.
- Request for relaxation for travel in airlines other than Air India may be sent to ifdcsir@csir.res.in in prescribed format along with necessary certificates and documents. For details please see the relevant document No.30-9(1036)/2016-IFD dated 3.5.2016