



IN TOUCH.....IN TUNE

CSIR-CMERI Monthly Newsletter

Issue 18, September 2017

Workshop on Science Pedagogy in Schools



Participants of the Workshop on Science Pedagogy in Schools

To promote interest, excitement and excellence in science education among the students and to introduce the new and emerging areas of science to the science faculty, the Council of Scientific & Industrial Research (CSIR) has started a scheme on Faculty Training and adoption of schools and colleges by CSIR Laboratories. Towards this objective and commemorating the birthday of Acharya Prafulla Chandra Ray, CSIR-CMERI, Durgapur organized a two day workshop on Science Pedagogy in schools during August 02-03, 2017. Science faculties from Kendriya Vidyalaya C.M.E.R.I., Hem Sheela Model School, Guru Teg Bahadur Public School, Manisha International School, DAV Model School, Bidhan Chandra Institution (For Girls), Surendra Modern School, Ramkrishna Pally Vivekananda Vidyapith, Amrita Vidyalayam, Durgapur R. E. College Model School and Jawahar Navodaya Vidyalaya attended the workshop. Eminent Professors Prof. Subhash C. Bhattacharya and Prof. Bhupati Chakrabarty, Dr. Somenath Mukherjee, Senior Principal Scientist and Dr. Soumen Sen, Principal Scientist of CSIR-CMERI addressed the gathering.

Observance of Independence Day

Director, CSIR-CMERI hoisted the National Flag at the Institute. In his speech he inspired the scientists of CSIR-CMERI to collectively eradicate poverty, create more jobs and help in the making of a technology enabled nation.

Observance of Sadbhavana Diwas

The birth anniversary of the late Prime Minister of India Shri Rajiv Gandhi is observed nation-wide as 'Sadbhavana Diwas' on 20th August every year. This year this day being a Sunday, CSIR-CMERI observed it on August 18, 2017 at the Institute Auditorium. [OM No. 9(9)/17-GL, dated 14.08.2017 & 17.08.2017]

Pledge taking Ceremony

On the occasion of completion of the 75th year after the launch of Quit India movement, a pledge taking ceremony was organized at the M.M. Suri Hall, CSIR-CMERI, Durgapur. Employees took pledge towards a clean India, a poverty free India, a corruption free India, a terrorism free India, a communalism free India and a casteism free India by 2022.

Technology Transfer

- 'Inter Row Rotary Cultivator' technology has been transferred to M/s NASCENT Agrimach, Ludhiana, Punjab and M/s Rafter Processional Engg. Co., Ludhiana, Punjab.
- 'Irrigation Scheduler - Programmable System' technology has been transferred to M/s Raftaar Processional Engg. Co., Ludhiana, Punjab.

Accolades

CSIR-CMERI's nomination titled 'Development of Community Level Iron Removal Plant & Their Implementation in Rural Areas to Supply Iron Free Drinking Water' has been selected jointly with CSIR-CLRI's nomination for the 'Innovation' category of the **CSIR Technology Awards – 2017**.

Additional Responsibility

- In Addition to his present assignment, Shri Pranabendu Saha will look after the work of Institute House Keeping. [OM No. Misc./Estt.I/2003 dated 01.08.2017] The Director, CSIR-CMERI has entrusted the responsibility of the Main Gate and surrounding area to Shri R.S. Kanwal, Senior Security Officer, all the fountains of the institute to Shri Manik Das, Head, Electrical and Gate No. 3 and surroundings to Shri Adwaita Maiti. [OM No. Misc./Estt.I/2003 dated 01.08.2017]
- Dr. Debashis Ghosh, Principal Scientist, NDT & Metallurgy Group and Shri Manoj Kumar Biswal, Senior Technical Officer (1), AdMaC Group have been included in the Technology Marketing Group in addition to their present assignment. [OM No. 1.Adm.(1)/Misc./Committee/97-E, dated 10.08.2017]
- Shri Siddheswar Sen, Technical Officer and Shri Bipul Kumar, Technician (1) will work half a day at the Surface Engineering & Tribology Group in R&D project activities in addition to their present attachment with the Electronics & Instrumentation Group. [OM No. 10.Adm.(18)/78-E(B), dated 11.8.2017]

Transfer

Shri Subhash Chander Yadav, MTS has been transferred from the Establishment Section to the Store & Purchase Section. [OM No. 10.Adm.(18)/78-E(B) dated 29.08.2017]



Director, CSIR-CMERI hoisted the National Flag

Paper of the Month

Electrochemical functionalization and in-situ deposition of the SAA@rGO/h-BN@Ni electrode for supercapacitor applications
by Sanjit Saha, Pranab Samanta, Naresh C. Murmu, Nam H. Kim, Tapas Kuila, Joong H. Lee
Journal of Industrial and Engineering Chemistry
Volume 52, 25 August 2017, Pages 321-330

In this issue

- Workshop on Science Pedagogy in Schools
- Observance of Independence Day
- Observance of Sadbhavana Diwas
- Pledge taking Ceremony
- Technology Transfer
- Accolades
- Additional Responsibility
- Transfer
- Training Programmes
- Constitution and Reconstitution of Committee
- Miscellaneous



Training Programmes

- A Skill Development Programme on PCB Design and Fabrication was organized at the Microsystems Technology Laboratory with assistance of the Skill and Innovation Promotion Group during August 07-14, 2017. A batch of 30 diploma students of Electronics/Electrical background from the New Horizon Institute of Technology (NHIT), Durgapur attended the 40 Hour training program that began on August 7, 2017 and extended till August 14, 2017. The inauguration of the program was conducted by Prof (Dr.) Harish Hirani. The students were exposed to various additive, semi additive and subtractive techniques which are used in industry for PCB manufacturing.
- A Skill Development Programme on Technical Drawing Skills was organized at the School of Mechatronics during August 28 - September 8, 2017. This skill development programme was conducted by the Robotics & Automation Group with facilitation of the Skill & Innovation Promotion Group. 30 students from the Manbhum Private Industrial Training Institute, Moutore, Purulia attended the programme. They received training on fundamentals of engineering and manufacturing drawing followed by hands-on introduction to computer aided drafting.

Committee Formation

- To improve the farewell ceremony for retiring and transferred officials a committee has been constituted. Dr. Sarita Ghosh, Senior Scientist will be the chairperson. [OM No. 1.Adm(1)/Misc./Committee/97-E dated 04.08.2017]
- Shri Manick Das, EE(Elect.) and Shri Ajay Kumar Gupta, Senior Technical Officer (1) were included in the Works Committee as Permanent Invitee and Shri Santu Matia will be the Convener of the committee. [OM No. 1.Adm(1)/Misc./Committee/97-E, dated 08.08.2017]
- For the procurement of Hindi books in the Knowledge Resource Centre of CSIR-CMERI a committee has been formed under the chairmanship of Shri B.N. Singh, Senior Principal Scientist. [OM No. राभा/क्रय.हिंदी पु/2017 dated 16.08.2017]
- DG, CSIR has constituted the new Research Council of CSIR-Central Mechanical Engineering Research Institute, Durgapur. Dr. V.K. Saraswat (former Secretary, Defence R&D), Member, Niti Aayog, New Delhi will be the Chairman of the council. The Tenure of the RC will be 3 years from the date of the OM. [CSIR OM No. DGTC/RC(CSIR-CMERI)/139/2017 dated 16.8.2017]
- A three member committee has been constituted to purchase the works related materials costing upto rupees one lakh. Dr. S.R. Debbarma, Principal Scientist and Dr. Kalyan Kumar Mistry, Principal Scientist will be the Chairmen the committees for Civil and Electrical & AC goods and store, respectively. [OM No. Misc./Purchase Committee/WC/2017 dated 16.08.2017]
- To organize the capsule exhibitions of CSIR Platinum Jubilee celebrations at CSIR-CMERI, going to be held during 16th-18th September, 2017, a committee has been constituted under the chairmanship of Dr. S.N. Shome, Chief Scientist. Dr. Sambhunath Nandy, Senior Principal Scientist will be the Nodal Officer from CSIR-CMERI. [OM No. 1.Adm(1)/Misc./Committee/97-E, dated 18.08.2017]
- A technical committee has been constituted to review the technical aspects regarding the removal of non-functional AC system at Robotics & Automation Group. Dr. S. Nandy, Senior Principal Scientist will be the chairman of the committee. [OM No. Misc./Technical Committee/WC/2017, dated 18.08.2017]
- The Director, CSIR-CMERI has constituted the committees for the celebration of CSIR Foundation Day. Dr. Tapas Gangopadhyay, Senior Principal Scientist will be the Chairperson and Dr. S. Nandy, Senior Principal Scientist will be the Co-Chairperson of the core committee. Dr. Nagahanumaiah, Senior Principal Scientist, Dr. P.S. Banerjee, Senior Principal Scientist, Dr. N.C. Murmu, Principal Scientist, Dr. A.Maity, Senior Principal Scientist, Dr. Ranjit Roy, Principal Scientist, Shri J.S. Sharan, Administrative Officer and Shri Prabhat Bhusan, Section Officer (G) will be the Chairpersons of Different sub-committees. [OM No. Adm.V(32)/Misc./2002-E dated 10.8.2017 and 21.08.2017]

Miscellaneous

- The percentage of work to be done in Hindi has been set up according to the programme announced by the Department of Official language, Ministry of Home Affairs for the year 2017-18. [OM No. राभा/विधि/2017 dated 01.08.2017]
- It has been notified that all employees should install and use Unicode in their computers. [OM No. राभा/कार्यान्वयन/2017 dated 01.08.2017]
The erstwhile Cybernetics Lab has been allotted to Dr. N.C. Murmu, Principal Scientist for the activities related to the project entitled 'Graphene Ultracapacitor Module to integrate with Electrical Power Supply for Hybrid Unmanned Ground Vehicles (UGV) and other Pulse applications. [OM No. Misc./Estt.I/2003 dated 01.08.2017]
- To save energy it has been requested to all to ensure the practice of turning off the ACs, fans, Lights whenever these are not in use. [OM No. 05(12)/2003-GL dated 03.08.2017]
- The Director, CSIR-CMERI has decided that in addition to procurement of medicine from the authorized chemist shop, M/s Rama Medical Hall, Durgapur-05 employees can procure medicine as prescribed by the medical officer, CSIR-CMERI Medical Center from other chemist shops having necessary drug license. Reimbursement will be done from office as per rule. [OM No. 9.Adm.IV(1)R/2017-E(Misc.) dated 28.08.2017]
- Employees are advised to keep their availability over telephone 24 hours for smooth disposal of work. [OM No. Genl/Misc(2017-18), dated 29.08.2017]
Shri Partha Sarathi Pal, Scientist will work in the Drives & Control System Technology Group in the forenoon and in the RPBDG in the afternoon. [OM No. 10.Adm.(18)/78-E(B) dated 29.08.2017]
- Stores Transfer Voucher as per CSIR format (bilingual) is being introduced for transfer of items from PI to PI, PI to DI, DI to PI and DI to DI. This format will be available on MERINET, CSIR-CMERI in the forms column. [OM No. 2(5)/Misc/Stores/2017-18 dated 31.08.2017]



Trainees with Resource Persons of the Skill Development Programme on PCB Design and Fabrication



Trainees with Resource Persons of the Training programme on Technical Drawing Skills