

CSIR in Media



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रुडकी सीवीआरआई में आयोजित प्रशिक्षण कार्यक्रम में शिक्षकों को जानकारी देते विशेषज्ञ।

Lithium-ion battery designed in Karaikudi

CSIR-CECRI

26th February 2017



Young scientists of Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi have made a landmark achievement in the history of electrochemical research by developing the first indigenous lithium ion battery in the country.

This invention would make India self reliant in lithium ion battery manufacturing shortly and thereby stop dependence on East Asian countries.

“Nearly 8-10 million lithium ion batteries are imported from Japan, China and South Korea every month which costs nearly Rs 200 per cell,” scientist Kuldeep Singh Kakran told Deccan Chronicle.

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बचपन से वैज्ञानिक जुनून पैदा करें शिक्षक

सीबीआरआई में दस स्कूलों के शिक्षकों का प्रशिक्षण कार्यक्रम

अमर उजाला ब्यूरो
रुड़की।

स्कूली बच्चों में विज्ञान के प्रति जुनून पैदा करने के उद्देश्य से केंद्र सरकार की ओर से आयोजित शिक्षकों के प्रशिक्षण एवं प्रेरणा कार्यक्रम को संबोधित करते हुए सीएसआईआर दिल्ली से आए कार्यक्रम निदेशक डा. अविनाश सी द्विवेदी ने कहा कि प्रेरित शिक्षक ही छात्रों को उत्कृष्ट शिक्षा प्रदान कर सकता है।

सीबीआरआई में आयोजित शिक्षकों के प्रशिक्षण कार्यक्रम के दौरान प्रेरणा उत्कृष्टता का मार्गदर्शक विषय पर विचार व्यक्त करते हुए डा. द्विवेदी ने उत्तम अध्यापक के गुणों पर प्रकाश डाला। उन्होंने सहानुभूति, सकारात्मकता, रचनात्मकता, हास्य भाव, बॉडी लैंग्वेज, प्रभावी संचार, दक्षता तथा प्रभावशीलता आदि गुणों के बारे में विस्तार से बताया। कार्यक्रम की अध्यक्षता करते हुए मुख्य वैज्ञानिक डा. सुवीर सिंह ने संस्थान में नवीन सामग्री, आपदा न्यूनीकरण, आश्रय नियोजन, स्वास्थ्य प्रबोधन तथा



रुड़की सीबीआरआई में आयोजित प्रशिक्षण कार्यक्रम में शिक्षकों को जानकारी देते विशेषज्ञ।

विकास और प्रसार के क्षेत्र में हो रहे उत्कृष्ट कार्यों के बारे में जानकारी दी।

वरिष्ठ प्रधान वैज्ञानिक डा. अतुल अग्रवाल ने सीएसआईआर व इसकी 37 प्रयोगशालाओं में हो रहे विकास कार्यों की जानकारी दी। उन्होंने कहा कि सीएसआईआर ने जीवन के हर क्षेत्र में अमिट छाप छोड़ी है। जिसमें लोकतांत्रिक तानेबाने को सहेजते हुए स्वराज ट्रेक्टर, पहला सुपर

कंप्यूटर, जैव सेंसरों से जैव औषधि, रसायनों से पर्यावरण एवं जलवायु परिवर्तन आदि के उल्लेखनीय कार्य शामिल हैं। उन्होंने कहा कि 1930 में सीवी रमन के बाद विज्ञान का कोई भी नोबल पुरस्कार भारत में नहीं आया है। ऐसे में शिक्षकों का उत्तरदायित्व है कि वे बच्चों में बचपन से ही वैज्ञानिक जुनून पैदा करें।

इस मौके पर प्रधान वैज्ञानिक डा.

शांतनु सरकार ने प्राकृतिक आपदा तथा आपदा के बाद त्वरित आश्रय विषय पर व्याख्यान प्रस्तुत किया। इस दौरान शिक्षकों को संस्थान की प्रयोगशालाओं का भ्रमण भी कराया गया। कार्यक्रम में दस स्कूलों के 30 शिक्षकों ने प्रतिभाग किया। इस मौके पर डा. आभा मित्तल, डा. नीरज जैन, हरीश, संतोष मिश्रा, पलक गोयल, अर्पण माहेश्वरी, समीर, मेहराजुद्दीन आदि मौजूद रहे।

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Amar Ujala, Page 4

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CSIR-CBRI

24th February 2017

बच्चों में वैज्ञानिक सोच विकसित करें

रुड़की | हमारे संवाददाता

केन्द्रीय भवन अनुसंधान संस्थान की ओर से स्कूली विद्यार्थियों के लिए प्रशिक्षण कार्यक्रम में रुड़की कॉलेज आफ इंजीनियरिंग के महानिदेशक डॉ. गोपाल रंजन ने शिक्षा का महत्व बताया। उन्होंने कहा कि शिक्षा ऐसी होनी चाहिए जो चरित्र निर्माण कर युवाओं को अपने पैरों पर खड़ा करने में सक्षम बनाए।

वरिष्ठ प्रधान वैज्ञानिक डॉ. अतुल कुमार अग्रवाल ने बच्चों में वैज्ञानिक सोच विकसित करने पर बल दिया। कहा कि सही दिशा में उत्सुकता से सारी नकारात्मकता दूर हो जाती है। उन्होंने सीएसआईआर प्रयोगशालाओं के संकाय प्रशिक्षण, प्रेरणा आदि का ब्योरा भी पेश किया। संस्थान निदेशक डॉ. एन गोपालकृष्णन ने विज्ञान क्या, क्यों और कैसे को जीवन में धारण करने के लिए छात्रों को प्रेरित किया।



रुड़की सीबीआरआई में गुरुवार को छात्र-छात्राओं ने वैज्ञानिक तरीके से निर्माण की जानकारी ली। ● हिन्दुस्तान

डॉ. आरके गोयल ने विभिन्न प्रकार की सुरंगों, उनकी खुदाई के तरीकों, उपयोगी उपकरणों, चुनौतियों तथा सुरक्षा उपायों के बारे में बताया। डॉ. आभा मित्तल ने सीबीआरआई की खोजों और उपलब्धियों पर फिल्म दिखाई। प्रशिक्षण कार्यक्रम में केवी नंबर एक, केवी नंबर

दो, शिवालिक पब्लिक स्कूल, चिल्ड्रेंस सीनियर एकेडमी, आनंद स्वरूप आर्य सरस्वती के नवीं से 12वीं विज्ञान वर्ग के छात्र-छात्राओं ने भाग लिया। इस मौके पर डॉ. एलपी सिंह, हरीश, पलक, एसोजू, आरएस बिष्ट, संतोष मिश्रा, मेहराज, समीर आदि मौजूद रहे।

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NASI and CSIR-NML to organise National Science Day Celebration today

CSIR-NML

26th February 2017



Jharkhand State Chapter of NASI (National Academy of Sciences, India) in collaboration with CSIR-NML will be celebrating National Science Day during Feb 27-28, 2017 at NML auditorium.

The celebrations will be inaugurated on Feb 27th in the auditorium, Prof. U. C. Srivastava, General Secretary, The National Academy of Sciences, India and former Head of the Department, Department of

Zoology, Allahabad University will be the Chief Guest of the function.

He will also deliver National Science Day lecture entitled “Healthy Living”. Jharkhand Chapter of NASI will also felicitate the two teachers, Ms. Sahana, PGT, Vidya Bharati Chinmaya Vidyalaya, Telco and Ms. K. Jaishree, School Coordinator, Jusco School, South Park, selected for the Best Science Teachers Award (Jamshedpur Region) – 2017.

Both the teachers will receive a cash prize of Rs. ten thousand, a memento and citation respectively. Selection for the award has been made by evaluation based recommendation of a three member committee to the chairman of the chapter. For the first time Best Science Teacher Award for Jamshedpur region has been instituted by the chapter in this year. It is a plan that from 2018 onwards the award will be given on state basis.

Recognizing the untiring efforts, made by Dr N. G. Goswami, Chief Scientist and Advisor Management CSIR-NML and also the advisor of NASI Chapter, for popularizing science among the students and teachers, most importantly among the village students from under privileged section of the society and coordinating Vigyan Diwali programme of the chapter in the remote villages of East Singhbhum, the chapter has decided to felicitate Dr Goswami on this day.

February 28th , the National Science Day, will be an Open Day at CSIR-NML for school students. It has been confirmed that about 300 village students will be visiting CSIR NML under the leadership of District Education Officer.

Students will be visiting different facilities available at NML and interact with scientists who will try to motivate and excite them for taking up science as the subject of their interest.

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CSIR-IICT

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7 decades of excellence in organic chemistry

The institute had its origin as the Central Laboratories for Scientific & Industrial Research (CLSIR), established in 1944 by the then Government of Hyderabad State. After integration of Hyderabad State with the Indian Union, CLSIR was formally opened by Pandit Jawaharlal Nehru, the then Prime Minister of India on January 2, 1954. As a recognition of its strength in chemical science and technology as well as the growing national character, the laboratory was rechristened as the Indian Institute of Chemical Technology (IICT), Hyderabad in 1989.

CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, is a leading research institute in the area of chemical sciences. The core strength of CSIR-IICT lies in Organic Chemistry, and it continues to excel in this field for over seven decades. The research efforts during these years have resulted in the development of several innovative processes for a variety of products necessary for human welfare such as drugs, agrochemicals, food, organic intermediates, adhesives, energy etc.

More than 150 technologies developed by CSIR-IICT are now in commercial production. One of the main strengths of CSIR-IICT is its rich pool of scientists, technicians and PhD students numbering over 800 to create right

ambience for the young researchers to carry out research.

CSIR-IICT is a frontrunner in the following areas of research—drug discovery and delivery systems, eco-friendly alternatives to pesticides, Fluoroorganic chemicals, Oils and Lipids research, Sustainable Energy, Catalysis and catalyst development, Biocatalysis, Bio transformations to name a few.

The institute also provide scientific and technical assistance for Government of India campaigns like Swachh Bharat and Make in India, with its expertise in chemistry and chemical technology for pure drinking water, solid waste management, pesticide free farming, etc.

To accelerate the commercialisation of new technologies to affordable technologies, CSIR-IICT had established a Biotechnology Incubation Centre (BTIC) in the Genome Valley Biotech Park in Hyderabad with funding from the Department of Biotechnology, BTIC, the first of its kind in India, nurtures and mentors emerging ventures in the biotechnology area and assists new enterprises to forge appropriate linkages with other biotech companies, academia and government. Currently the institute is expanding its glory under the able directorship of Dr S Chandrasekhar who is a renowned eminent scientist in the area of organic chemistry.



The author,
Dr Srivari
Chandrasekhar,
is the director of
CSIR-IICT

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CSIR-IICT

28th February 2017

NATIONAL SCIENCE DAY

A space marketing feature



CSIR- Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad, a constituent of CSIR is a leading research Institute in the area of chemical sciences. The core strength of CSIR-IICT lies in Organic Chemistry, and it continues to excel in this field for over seven decades.

The research over the years resulted in the development of several innovative processes necessary for human welfare such as drugs, agrochemicals, food, organic intermediates, adhesives,

energy etc. More than 150 technologies developed are now in commercial production. Rich pool of scientists, technicians and PhD students over 800 create right ambience for the young researchers to carry out research. CSIR-IICT has active collaborations with several countries including France, Germany, UK, Switzerland, Italy, USA, Australia, Japan, Korea etc., benefitting post-doctoral opportunities for research scholars. CSIR-IICT has an outstanding record on technology packages, research publications, patents in the CSIR system and are front runner in the areas of research- drug discovery,

delivery systems, eco-friendly alternatives to pesticides, Fluoroorganic chemicals, Oils and Lipids research, Sustainable Energy, Catalysis and catalyst development, Biocatalysis and Bio transformations, Functional materials, organic coating and polymers, Analytical Chemical Sciences, Chemical Engineering Sciences, Biosciences and chemical biology, Environmental Sciences & Engineering, Molecular Modelling and Computational Science.

The institute provides scientific and technical assistance for Government of India campaigns like Swachh Bharat, Swasthya Bharat, Samarth Bharat and

Make in India, with its expertise in chemistry and chemical technology for pure drinking water, solid waste management, pesticide free farming, etc. to mention a few.

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