

CSIR in Media



A Daily News Bulletin
26th December 2016

Arunachal Pradesh to get funds for science

Lab Covered: CSIR-CFTRI CSIR-CDRI

26th December 2016

Union minister of science and technology Harsh Vardhan said the Centre would provide an amount between Rs 150 crore and Rs 200 crore to Arunachal Pradesh for the development of science and technology.

"The money will be made available to the state by the Department of Biotechnology, Polymer Science and Technology, Council of Scientific & Industrial Research and Earth Science for a period of five years," he said during his recent visit to the state.

Harsh Vardhan added that the region's climate was congenial for the growth of medicinal plants. "Central institutions like the Indian Council of Medicinal Research and nutrition institutes like the Central Food Technological Research Institute, Central Drug Research Institute and North East Regional Institute of Science and Technology will take up a programme to promote the growth of medicinal plants in the state," the minister said.

On a visit to Kimin in Papum Pare district, the minister laid the foundation for a Centre for Bioresearches and Rural Technology Centre.

Published in:

Times of India Source: bit.ly/2iwgsFX

Also Published in: Indian Express Source: bit.ly/2ijatVL One India Source: bit.ly/2ijgu4K

No clean air in Taj city, PM 10 levels remain high across Uttar Pradesh

Lab Covered: CSIR-NEERI

24th December 2016

Aditya Dev

In reply to a written question in the assembly, UP government recently responded that PM10 level across the 21 prominent cities in the state, including the Taj Trapezium Zone, were found well above the permissible limit. A 2016 World Health Organisation study had recently found that the air pollution in Varanasi is much the same as in Delhi. Among six cities in Uttar Pradesh highlighted in the report, only two - Kanpur and Agra - had more than 12 "good" air quality days each year.

The air pollution becomes all the more serious concern for Agra as it is endangering the white marble surface of the country's most iconic monument Taj Mahal. Two Indo-US studies have been conducted in the past four years to find out the major sources of pollutants responsible for giving yellow tinge to the monument. In 2014, an Indo-US study on Taj had revealed that brown and black carbons along with dust are responsible for giving yellow tinge to the monument. However, it underestimated the municipal solid waste burning and dung cake impacts on the monument.

The study had revealed that biomass burning, which included MSW emissions and cow dung cake burning, accounted for nearly 40% of organic matter — a component of the particulate matter — deposition to Taj's surface. Dung cake burning, used extensively for cooking in the region, was the suggested culprit by the study and subsequently banned within the city limits in early 2015. The second study, published in an international journal, said the impact of municipal solid waste burning on the Taj Mahal is 10 times more than the cow dung cake burning as far as particulate matter - PM 2.5 - is concerned.

Ironically, even after several panels were formed to look into the issue and several curative measures were taken, the situation has failed to improve in the city.

For past many days, the air quality index for the city has been recording 'very poor' quality. On Friday, it was found to be 381 (very poor). Last month, in order to deal with rising air pollution in the city, the district administration had decided to file FIRs against those who burn garbage within the municipal limits. The municipal corporation was directed to take action in this regard. However, so far not a single FIR has been registered, even as burning of solid waste could be seen at several places across the city daily.

A plea filed in the National Green Tribunal has contended that civic bodies in Agra were blatantly violating Solid Waste Management Rules as more than 2000 metric tonnes of solid waste per day was being dumped in various part of the city besides plastic waste which was being consumed by stray animals.

Sanjeev Pradhan, executive engineer (environment), Agra municipal corporation said, "We are issuing challans to violators and giving warning to people as of now." Sources in the department revealed that not more than 25-30 challans have been issued since the district administration issued the new direction.

Recently, perturbed by rising pollution, the Union environment and forest ministry constituted a five-member high-level committee comprising its advisor, National Environmental Engineering Research Institute (NEERI) director and Archaeological Survey of India (ASI) director general among others to conduct a fresh study to find out the impact of industrial pollution on the monument.

Earlier in September this year, the ministry had decided to allow only non-polluting 'white category' new industrial units in Agra, a move vehemently opposed by Agra businessmen. Ram Karan, regional officer of UP Pollution Control Board, said, "We are making collective efforts to tackle the problem of rising pollution in the Taj city. The transport department plans to phase out polluting vehicles from the city, while municipal corporation is working on a project to start the door-to-door collection garbage once again."

Published in:

The Hindu

Source: bit.ly/2hguZ7q

CSIO inks pacts for joint research with pvt firms

Lab Covered: CSIR-CSIO

26th December 2016

The Central Scientific Instruments Organisation (CSIO) signed MoUs with two private firms to undertake joint research and development in fields of photonics and medical devices.

The CSIO signed an MoU with Bengaluru-based Fiber Optika Technologies that will over a period of next 10 years, collaborate for research and development and consultancy in areas of fiber optics and photonics-related instrumentation, taking up new projects, sharing expertise in jointly developing fiber optic solar lighting, sensors and technology transfer of other fiber optic related technologies. The second MoU was inked with Tynor, a firm manufacturing orthopaedic appliances, to create opportunities for academic as well as industrial research

Published in:

Tribune India

Source: bit.ly/2hmOoXD

NML ignites scientific temper of Karim City College students

Lab Covered: CSIR-NML

26th December 2016

A batch of 101 students of class XII Std from Karim City College, Jamshedpur, accompanied by four teachers Prof. Aatey Ali (HoD), Dept. of Geography, Dr. Md Reyaz, Md Fakhruddin Ansari and Ms Farzana Anjum visited CSIR-NML, Jamshedpur and interacted with the scientists and research scholars under the aegis NML interactive programme (SNIP) in collaboration with NASI, Jharkhand Chapter. The students were excited to visit the laboratory and interact with the working scientists and research scholars.

The programme was scheduled for four hours, which comprised of an overview of Indian Science and Technology, Documentary film show on CSIR and NML separately, and a visit around the laboratory's Burmamines Campus and also near to Tube Company campus.. Dr. N.G.Goswami, Coordinator of the programme gave an overview on the developments of Indian Scientific Institutions during pre- and Post Independence periods.

He also focused on CSIR's contributions in different branches of Science & Technology. Dr Goswami motivated the students and ignited their minds towards the various facets and miracles of scientific developments around the globe. He also drew the students attention towards the various up comings in terms of career opportunities.

The students were further taken to Minerals Processing facilities at Pilot Plant, near Tube Company campus to know about processing of minerals and ores. Dr. M.K. Mohanta, Principal Scientist discussed in details about origin of earth with power point presentation. Dr. P.N. Mishra, Principal Scientist also discussed about research and developments at NML, significance of natural resources with reference to naturally occurring ores, minerals, and rocks.

“I came to know about many new aspects of science and technology which I barely knew earlier”, said Anis Kumar after the laboratory visit. Nivedita Samad expressed the similar kind of view.

The students expressed their excitement and happiness over the laboratory visit as well as interaction with the scientists and research scholars. In fact, they were thrilled while visiting the minerals processing labs and looking at the practical set ups.

Md Saif Khan expressed that the lab visit was helpful in improving the thought processes.

Najish Praveen and Bhushan Sahu were impressed to see the cleanness of the Laboratory.

Dhiraj, said, “The visit to the laboratory helped me to know in depth about different types of ores, minerals, metals, rocks, and how they are extracted and used”.

Another student, Asian Ekka said, “We are thrilled to know about CSIR lab’s contribution in the area of science and technology in India.

During the interactive session at the minerals beneficiation plant, a number of students asked different questions on minerals, ores, origin of coal, equipments etc.

Teachers and many students requested for their next visit to the lab for a deeper knowledge. All four teachers expressed their view and were satisfied to know a many more queries made by them.

Published in:

Avenue Mail Source: bit.ly/2ia1jgT

Also Published in:

Chamakta Aina, 25th December, 2016

Prabhat Khabar, 24th December, 2016

Udit Vaani, 24th December, 2016

Lab Covered: CSIR-NGRI

24th December 2016



सीएसआईआर-राष्ट्रीय भूभौतिकीय शोध संस्थान के इंडो-फ्रेंच सेंटर फॉर ग्राउंड वाटर रिसर्च के अध्यक्ष वैज्ञानिक डॉ. शकील अहमद को उनके विशेष कार्य के लिए सावित्री चड्ढा मैमोरियल अवार्ड प्रदान करते हुए हरियाणा के राज्यपाल प्रो. कप्तानसिंह सोलंकी।

Published in:

Swatantra Vaartha, 24th December, 2016

Lab Covered: CSIR-CMERI

23rd December 2016

सीएमईआरआई ने विज्ञान के छात्रों हेतु रोबो एक्सपो -2016 का किया आयोजन

* विभिन्न स्कूलों से 90 विद्यार्थियों ने की कार्यक्रम में भागीदारी
* छात्रों के बीच रोबोटिक्स के प्रति जागरूकता पैदा करना है उद्देश्य

दुर्गापुर, 22 दिसंबर (नि.स)। सीएमईआरआई- सीएमईआरआई, दुर्गापुर द्वारा विज्ञान के छात्रों के लिए रोबो एक्सपो-2016 नामक एक कार्यक्रम का आयोजन किया। रोबो एक्सपो 2016 का मुख्य उद्देश्य विज्ञान और प्रौद्योगिकी के क्षेत्र में अपने कैरियर निर्माण के पहल करने वाले छात्रों के बीच रोबोटिक्स के प्रति जागरूकता पैदा करना है। ज्ञान के प्रसार के माध्यम से रोबोटिक में उनकी तकनीकी समझ को समृद्ध करने के लिए इन छात्रों को यह एक प्रभावी मंच प्रदान करता है। सीएमईआरआई- सीएमईआरआई, दुर्गापुर के निदेशक प्रो. हरीश हिरानी ने कार्यक्रम के दौरान छात्रों को संबोधित करते हुए छात्रों को कार्यक्रम के उद्देश्यों को विस्तार पूर्वक समझाया। उन्होंने मेक-इन-

इंडिया और डिजिटल इंडिया प्रोग्राम के तहत अनुसंधान एवं विकास में एक सार्थक कैरियर बनाने हेतु विद्यालय के छात्रों की भागीदारी पर बल दिया। निदेशक सीएमईआरआई- सीएमईआरआई ने सलोवरी फ्लोराइड डिटेक्शन किट और फिल्टर, आर्सेनिक रिमूवल फिल्टर, स्मार्ट प्रोपेड और पलम्बल एनर्जी मीटर्स, सॉलिड वेस्ट मैनेजमेंट सहित सोलर एनर्जी और सतत विकास और सामाजिक विकास में इनके प्रभावी उपयोग आदि उप्लाधियों के बारे में विस्तारपूर्वक बताया। इस अवसर पर मुख्य अतिथि के तौर पर उपस्थित दुर्गापुर नगर निगम के मेयर अपूर्व मुखर्जी ने सीएमईआरआई की सुविधाओं और उन्नत तकनीक की प्रशंसा की। उन्होंने राष्ट्र के विकास



कार्यक्रम में भाग लेने वाले विद्यार्थियों का समूह

हेतु स्वदेशी अनुसंधान की आवश्यकता को महत्वपूर्ण बताते हुए मेक-इन-इंडिया अभियान में सीएमईआरआई- सीएमईआरआई के प्रयासों की सराहना की तथा छात्रों से उन्होंने प्रोफेसर हिरानी के नेतृत्व में सीएमईआरआई के सभी सुविधा का उपयोग करने का

अनुरोध किये। वही सम्मानित अतिथि के रूप में उपस्थित दुर्गापुर पश्चिम के विधायक विश्वनाथ पाड़ियाल ने कहा की सीएमईआरआई मेक-इन-इंडिया अभियान को सफल बना सकता है और छात्रों को इस अवसर का लाभ उठाना चाहिए। उक्त कार्यक्रम

में विभिन्न स्कूलों से कुल 90 विद्यार्थियों ने भाग लिया, जिसमें डीएवी मॉडल, हिमशिला मॉडल, गुरु तेग बहादुर, अमिरात विद्यालय, सेंट्रल स्कूल, बिधान चंद्र इंस्टिट्यूट, दुर्गापुर पब्लिक स्कूल और सेंट माइकल स्कूल शामिल थे।

Published in:

Bharat Mitra , Page 12,

Lab Covered: CSIR-CMERI

23rd December 2016



Published in:
Dainik Jagran