CSIR in Media



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CSIR-NEERI

"Technology is a strong priority area, Aim is to make science people-centric": Dr. Harsh Vardhan





New Delhi, Reiterating that technology is a strong priority area for the Government, Union Minister of Department of Science & Technology, Dr. Harsh Vardhan has said that the aim of the Government is to make science people-centric. Interacting with a visiting U.S Congressional delegation led by Rep Lamar Smith, Chairman, Committee on Space and Technology, Dr. Harsh Vardhan said that technology is the driving force in India. He told the delegation that Council of Scientific and Industrial Research (CSIR) is working on 200 technologies. "There are nearly one million Indian origin scientists and engineers working in the United States", Dr. Harsh Vardhan said. The Minister also said that the process of 'brain drain' has now been reversed to 'brain gain', as many young scientists have started returning to India. Dr. Harsh Vardhan also emphasized that core activities could be scaled up only if the funding is enhanced. The two sides discussed ways and means to further enhance bilateral cooperation in the field of science and technology. While the Indian delegation was represented by Secretary, Department of Science & Technology, Prof. Ashutosh Sharma, Secretary, Ministry of Earth Sciences, Dr. M. Rajeevan, Secretary, Department of Biotechnology, Dr. K. VijayRaghavan, Director General, CSIR, Dr. Girish Sahni and Dr. Arabinda Mitra, Head, International Cooperation (Bilateral), the US Congressional delegation was represented by Rep. Dana Rohrabacher, Rep. Mo Brooks, Rep. Thomas Massie, Rep. Ami Bera, Rep. Brian Babin, Rep. Barbara Comstock, Rep. Mark Sanford and Rep. Darren Soto.

Published in:

Focus News, Page no. 11

Also published in:
Business Standard



CSIR

23rd October 2017

'New desi dental implants to cut cost by 67%'

TIMES NEWS NETWORK

Mumbai: Union minister for science and technology Harsh Vardhan said on Sunday that dental implants would be made available at one third of the present cost soon. He said it after inaugurating Dr A P J Abdul Kalam Education and Research Centre and super speciality dental clinic of Indian Dental Association (IDA) at Prabhadevi in Mumbai.

"Dental implants are very expensive but IIT-Delhi, Council of Scientific and Industrial Research (CSIR) and Maulana Azad Institute of Dental Science (Delhi), have developed a dental implant which will be made available to the people at one third of the cost of the implants present. This will make dental implants affordable to the poor," added Vardhan.

Published in:

The Times of India, Page no. 12



Union Minister Harsh Vardhan Inaugurates dental clinic for poor

CSIR

23rd October 2017

"Dental ailments are a big issue. We should create dental hospitals all over the country. We can provide access to all Indians through advanced machines that people can afford," said the minister.



across India, Union Minister for Science, technology for accessible dental healthcare. which oral health is often neglected. "For poor people, healthcare is getting

more expensive. In two or three months, you will have a state-of-the-art dental implant facility at one third of the current cost. It will be at par with global standards," said Vardhan. The dental implant technology is a tri-party agreement between Indian Institute of Technology, Maulana Azad Institute of Dental Sciences Emphasising on the need for dental and the Council of Scientific and Industrial hospitals at par with global standards Research (CSIR) to create advanced Technology and Earth Sciences Dr Harsh "Dental ailments are a big issue. We should

Vardhan inaugurated a state-of-the-art create dental hospitals all over the country. research centre for oral health in Mumbai We can provide access to all Indians on Sunday. The Dr APJ Abdul through advanced machines that people can Kalam Education and Research Centre and afford," the minister said. On Sunday, super-specialty clinic in Prabhadevi, under addressing various oral health experts, he the Indian Dental Association, will facilitate invited ideas on research projects to clinical research in oral health and will improve healthcare through technological cater to poorer sections of the society, in advancements. "There are 38 highly developed research laboratories under CSIR. We have active collaboration with 42



countries in science and research," said Vardhan, adding, "The next step is to develop instruments that will address dental issues at mass level." Vardhan added that Prime Minister Narendra Modi's scheme 'Start Up India Stand Up India' encourages independent researchers to float ideas and avail loans, which could also be utilised in dental research.

According to Dr Ashok Dhoble, general secretary of the Indian Dental Association, dental research advances can also help in forensics where a dead body's identification can be made easier through tests carried out on his teeth. "We are striving to conduct research in such directions. There is very little research in dental sciences," he said.

The Dr APJ Abdul Kalam dental clinic will conduct dental restoration work and advanced dental procedures. Dhoble added that the centre will have 25 dental simulators for teaching students, five clinical stations and an operation theatre for training dental practitioners.

Published in: Indian Express



OPPI stresses need to create innovation ecosystem for quality healthcare in India

CSIR-IICB 18th October 2017

The country needs to create an effective innovation ecosystem that can make healthcare better and affordable according to A Vaidheesh, president of the Organisation of Pharmaceutical Producers of India (OPPI). Speaking at the annual meeting of OPPI in Mumbai, he said, "We need respect for innovation for a healthy India. We also need ease of doing business". The pharmaceutical industry needs to work with the government to have a good healthcare system in India, he said. Dr Shailesh Ayyangar, Past President of OPPI also emphasized the need to create an innovation ecosystem in the interest of patients. "Healthcare is personal hence so important. What do patients expect from their healthcare system? Do everything in our command, so that everyone has access to healthcare. We continue to work with support groups so patients are at the center of everything. India should create an innovation ecosystem that helps save patients," said Dr Ayyangar.

Padma Bhushan Dr K I Varaprasad Reddy, founder & chairman, Shantha Biotechnics said price control is hampering new innovations in the country. India losing the game of innovation. We need policies that foster innovation, he stressed. Dr. Reddy talked about the challenge that he had face to give India its first genetically engineered healthcare. "We need to put a ranking for states on healthcare. At an individual as well as macro-economic level, the best patient care is to make sure people don't have to get in. From Swachh Bharat, we need to move to Swasta Bharat," says Utkarsh Palnitkar, partner, national head — infrastructure, government & healthcare. "Unless you disrupt the model, the gap in patient care cannot be bridged," says Abhishek Malhotra, Partner, AT Kearney India. A lot of initiatives need to come together to improve patient care. Healthcare in India is never going to be enough, said Gautam Khanna, CEO Hinduja Hospital.



Healthcare is a public good. With the help of technology, healthcare delivery and care services can be made accessible in parts of the country, says Bart Janssens, partner & managing director, BCG. OPPI released a book "The DNA of Care" on the occasion. This book illustrates the role of technology and medicine in the life of patients and recounts the transformation of patient care for the better. The DNA of Care showcases patient care with stories being narrated by stakeholders involved in delivering care namely, doctors, care providers, patient care groups, technology providers with the underlying need to understand the patient better and 'sensitise' the entire ecosystem to work towards better patient outcomes. Patient-centricity is the driving force for delivering responsible healthcare. The industry body also gave awards in varied categories on the occasion. Winner of the OPPI Women Scientist Award 2017 is Dr Chitra Mandal of Council of Scientific & Industrial Research (CSIR)-Indian Institute of Chemical Biology. Dr Debabrata Maiti of IIT Bombay received OPPI Young Scientist Award for 2017. Dr D. Srinivasa Reddy of CSIR won the OPPI Scientist Award 2017 for his work in organic chemistry.

Merck has been awarded the OPPI HR Excellence Award and OPPI Diversity and Inclusion Award for 2017. Bilcare Ltd received the OPPI Best Vendor Awards 2017 for anti-counterfeiting solution providers and packaging material suppliers. Shire got the OPPI Sales Force Excellence Award 2017 for going for gold in customer facing excellence project. OPPI Sales Force Excellence Award 2017 went to Merck for building of 'quality of voice' in cardiovascular & metabolics team. Winners of OPPI Marketing Excellence Awards 2017 are- Qilib- Galderma for new products & Trajenta - Boehringer Ingelheim for existing products.

Published in:

PharmaBizz



CSIR-NCL inks research pact with Indian Pharmacopoeia Commission on APIs

CSIR-NCL 17th October 2017

CSIR-National Chemical Laboratory (CSIR-NCL), Pune and Indian Pharmacopoeia Commission (IPC) have signed an MoU for the joint research collaboration. This is by combining their respective capabilities in the area of 'synthesis of impurities of API standards as per requirement of IPC.' In addition, the IPC, Ghaziabad and the Central Drugs Standard Control Organization (CDSCO), Mumbai are looking to focus on industry and academia participation to spur growth the pharmaceuticals in the country. At the CSIR-NCL, Pune which conducted an interactive session conducted on October 11, 2017, Dr GN Singh, DCGI & Secretary-cum-Scientific Director, IPC, said that research should be translated to drug discovery. The regulatory authority should work along with the academia and the industry to work as a team and contribute effectively for the benefit of the common people. We have to come out of our compartments and resolve the issues together that are relevant for the country, stated Dr Singh.

Dr. Pallavi Darade, Commissioner, Food and Drug Administration (FDA), Maharashtra spoke about the achievements of the IPC highlighting its policies regarding clinical trials. Dr K Bangarurajan, Dy Drug Controller (India), CDSCO, West Zone spoke on the recent regulatory updates in implementation of Drugs and Cosmetics Acts. Dr. PL Sahu, Pr. Scientific Officer, IPC highlighted the role of IPC and current practices followed. Dr K Raghu Naidu, Head Sitec Labs, Mumbai spoke on the Challenges in Clinical Trial & Bioavailability/Bioequivalence Studies. Dr Bobby George, VP & Head Regulatory Affairs, Reliance Life, Mumbai touched upon the subject 'Regulatory Requirements for Biosimilars & Stem Cells'. During the interactive sessions two panel discussions were conducted. The first panel discussion comprised of the regulatory bodies including the Limes of India Singh, Prof Ashwini Kumar Nangia, Director, CSIR-NCL Dr Raman Mohan Singh,



Director, CDTL, Mumbai, Dr Bangarurajan, Dr Sahu, O S Sadhawani, Joint Commissioner, FDA, Nashik Division and Shri Kale. The second panel discussion was represented by Dr K. Raghu Naidu, Sitec Labs Ltd., Mumbai, Dr Bobby George, Reliance Life Sciences, Mumbai, Dr Sudhir Pawar, LTM Medical College & General Hospital, Ravi Sekhar Kasibhatta, Lupin Limited, Lupin Bioresearch Center, Dr Mukund Gurjar, Emcure Pharmaceuticals, Dr Mahesh Burande, Institute of Pharmaceutical Education & Research, Pune and Dr Chandra Vishwanathan, Regenerative Medicine.

Earlier, Prof Nangia, introduced the idea behind the interactive session and gave the welcome remarks. Dr Srinivasa Reddy coordinated the programme.

Published in:

PharmaBizz



CSIR-NBRI

23rd October 2017

एलोपेश-आयुवेद के समावेश से स्राधित होगो सहत

अमर उजाला ब्यूरो नई दिल्ली।

विशेषज्ञ चिकित्सा बीमारियों से बचाव के लिए अब आयुर्वेद की तरफ रुख कर रहे हैं जिससे आयुर्वेद के कारोबार में लगातार बढ़ोतरी भी हो रही है। आयुष मंत्रालय इन पैथियों में समावेश का जोरदार पक्षधर रहा है, की दृष्टि से उपयोगी होते हैं। इसलिए मंत्रालय चाहता है कि इस दवा को तैयार करने वाले आयुर्वेद की दवाओं को प्रोत्साहित एनबीआरआई लखनऊ के वैज्ञानिक किया जाए। मंत्रालय ने ऐसी कई डॉ. एकेएस रावत के अनुसार जिन दवाएं चिन्हित की हैं, जो बाजार में लोगों का शुगर का स्तर बढ़ चुका है, बड़े पैमाने पर एलोपैथ के वे इस दवा को लें तो उसे नियंत्रित चिकित्सकों द्वारा लिखी जाती हैं। कर सकते हैं। यानी बीमारी जहां थी, इनमें मधुमेह की दवा बीजीआर 34 वहीं रुक जाएगी और नियमित सेवन भी है, जिसे सीएसआईआर के के बाद शर्करा का स्तर नीचे आ की दवा नीरी केएफटी की जोरदार वैज्ञानिकों ने तैयार किया है। यह दवा जाता है। एमिल फार्मास्युटिक वकालत की। दरअसल, यह दवा मधुमेह के मरीजों में का शूगर का सीएसआईआर से हुए समझौते के गुर्दों को खराब होने से रोकती है। स्तर तो कम करती ही है, साथ ही तहत इस दवा को बाजार में लाई है। यदि किसी व्यक्ति के गुर्दों में खराबी जो लोग मधुमेह के मुहाने पर हैं, गुर्दा रोग विशेषज्ञों के एक सम्मेलन आ रही हो, तो नीरी केएफटी का उनमें मधुमेह को बढ़ने से रोकती है। में एलोपैथी चिकित्सकों ने आयुर्वेद सेवन उसे रोकता है।



इसमें कई ऐसे तत्व हैं, जो एंटी ऑक्सीडेंट युक्त होते हैं। वे पोषण

सीएसआईआर ने शुरू की खास खाद्य मुहिम

इस बीच सीएसआईआर ने आयुर्वेद के इन फॉर्मुलों का इस्तेमाल लोगों को बीमारियों से बचाने के लिए फूड ऐज मेडिसिन कार्यक्रम शुरू करने की रूपरेखा तैयार की है। इसके तहत आयुर्वेद की उपयोगी दवाओं को लोगों में वितरित किया जाएगा। ताकि वे उसे एक सामान्य खाद्य पदार्थ के रूप में लें और बीमारियों से भी बचते रहें। वजह यह है कि ऐसे उत्पादों से कोई नुकसान भी नहीं है। इसमें भारतीय मसालों को भी शामिल किया जाएगा,

जिनके व्यापक औषधीय गुण हैं।

Published in:

Amar Ujala, Page no. 15



IIP Energy Research Workshop From OCT 23

23rd October 2017 CSIR-IIP The CSIR-Indian Institute of Petroleum (IIP) in Dehradun is organising the Newton Bhabha Fund Researcher Link Workshop on energy for economic development and welfare from October 23 to 27. The five-day workshop is being organised by the institute jointly with the University of Surrey, United Kingdom According to programme organisers, the workshop aims to bring together academicians, scientists, and engineers from India and the United Kingdom under one umbrella to brainstorm on the contemporary issues like biomass based energy, sustainable development and waste utilisation while also addressing the energy issues and relevance to economic growth of India The event has been planned with the support of British Council, UK; Royal Society of Chemistry, UK; and the Newton Bhabha fund This workshop will provide an opportunity for interaction involving the participating researchers and professionals who are working in innovation, sustainability and energy saving for economic development at an academic level. The workshop will also provide an avenue for sharing research expertise and networking International experts and academicians from institutions including the Aston University, University of Aberdeen, University of Surrey, Cranfield University, University of Manchester, Imperial College, University of Birmingham, Coventry University and Liverpool John Moores University will be attending the workshop From India the speakers slated to attend the workshop will be from CSIR-IIP, CSIR-Indian Institute of Chemical Technology (IICT), CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Institute of Bioresources and Sustainable development (IBSD), the Indian Institutes of Technology (IIT) Delhi and Roorkee and The Energy and Resources Institute (TERI)The delegates will be presenting their works in the fields of sustainable energy and renewable energy sector and involve themselves in discussions with the established researcher Published in:

Daily Pioneer



Researchers, industry go slow on snakebites

CSIR-CCMB

22nd October 2017

Around 50,000 people die of snakebite every year, insufficient anti-venom puts more lives at risk.



Approximately, 4,21,000 snakebites occur around the world every year.

by healthcare professionals and Vasudevan, senior principal scientist for cited as the reason for this. Center for Scientific and Industrial Research — Centre for Cellular and Molecular The Toxicology Society of India is planning time the victim come to the public health level to manage snakebites across the nation. centre or the tertiary centre for treatment there is a lot of time lost. Either the antivenom vials are not given in sufficient numbers or they are not enough."

In a recent study, it was estimated that in India, approximately 50,000 people die due to snakebite every year. Approximately, 4,21,000 snakebites occur around the world every year. This alarming mortality rate calls for concrete actions by policy-makers, doctors and researchers.

Snake venom research and the snakebite Hyderabad: Snakebites have been neglected therapy are focus of CSIR. The Madras the Crocodile Bank Trust and Centre for pharmaceutical industry, resulting in little Herpetology have found that anti-venom is options regarding anti-venom vials and relatively ineffective in countering the effects snake venom research. Dr Karthikeyan of a venomous bite. Geographic variation is

Biology (CSIR — CCMB), said, "By the to chalk out an action plan at the ground-

Published in: Deccan Chronicle



KSMS students get exposures of Research Environment at CSTR-NMT

CSIR-NML

21st October 2017



Jamshedpur: A group of 39 students from numbers of question, and clarify doubt Kerala Samajam Model School (KSMS), Sakchi with scientists. Dr. A.K. Sahu, Technical accompanied by one teacher, Ms. Vrinda Suresh Office gave the vote of thanks. Further visited CSIR-National Metallurgical Laboratory, Dr. P.N.Mishra and S.N.Hembram Jamshedpur and interacted with scientists and organized laboratory visits in two research scholars this morning under the aegis separate group. Anjali Kamari, Class X of CSIR-NML School-NML Interactive Stand expressed happiness and surprised programme. The students were thrilled to visit to practically view of the recycling units, the laboratory and interact with working group. Mr. Mehul Bhartia also expressed the The programme was scheduled for three hours. similar view. Sangam Jain, Ms Saloni Jha, Dr.P.N.Mishra, Principal Scientist, deliver Mr. Sarthak Khandelwal first time know welcome address and briefed about the in detail about the contribution of NML programme, discussed an overview of CSIR and towards the exploitation of natural NML, its contributions in different branches of resources for the development of nation. Science & Technology. He defined science,

science & technology, development of science & technology in Indian perspectives. Dr. S.K.Mandal, Chief Scientist and coordinator of the programme discussed about various units of NML and its role towards research and Development, he also discussed about some basic fact of sciences. The students expressed their fillings, asked Students visited creep testing units of



MST Division and know about the fatigue, creep, fractures prevailing in different types of industrial components. Mr Aayush, Mr. Bipin Kumar were happy to know about the Asia's second largest creep testing lab is present in India. They further visited at Analytical Chemistry Centre and get exposures of practical experiments.

The NML museum was the central attraction among the students & appraised the well decorated museum with plenty of samples and wall mounted posters displayed the latest and old technologies and products developed by the NML.

During the interactive session, number of students asked different questions on minerals, ores, origin of coal, the evolutionary history behind the formation of metal, metals forging, rolling, and heat treatment etc. Teacher and students requested for their next visit to the laboratory for gain deeper knowledge. Teacher expressed their view and was satisfied to know about the consistent effort and research emphasis in various sectors for the ultimate development of India.

Published in:

CSIR-NML

19th October 2017

विद्यार्थियों ने समझा एनएमएल में विज्ञान



बुधवार को एनएमएल पहुंचे केरला समाजम मॉडल स्कूल के विद्यार्थी। • हिन्दुस्तान

नगशेदपुर | संवाददाता

करला समाजम मॉडल स्कूल के विद्यार्थियों ने बुधवार को राष्ट्रीय धातुकर्म प्रयोगशाला का शैक्षणिक भ्रमण किया। इस दौरान विद्यार्थियों को वरीय वैज्ञानिक डॉ. पीएन मिश्रा, एनएन हेम्ब्रम ने एनएमएल के रिसर्च और कामकाज की जानकारी दी। वहीं विद्यार्थियों के प्रश्नों का जवाब दिया। इस दौरान विद्यार्थी काफी उत्साहित थे। उन्होंने कई रोचक सवाल अपने भविष्य और क्षेत्र को लेकर किए। साथ ही अलग-अलग क्षेत्रों में जाने का तरीका भी जाना। इस दौरान उन्हें कई नई चीजें सीखने को मिलीं।

Published in:
Hindustan

Also published in:

Prabhat Khabar, Udit Vani, Dainik Jagran