

CSIR IN MEDIA



सीएसआईआर

CSIR

भारत का नवाचार इंजन

The Innovation Engine of India

NEWS BULLETIN

16 TO 20 APRIL 2023



CSIR-IIP's One Week One Lab Campaign concludes

CSIR-IIP, CBRI, CFTRI

19th April , 2023



The weeklong celebration of CSIR-IIP's One Week One Lab campaign concluded on 19th April 2023. On the last and final day, the campaign marked an exciting event, "Meeting with Uttarakhand State Govt. Functionaries", followed by the Valedictory function. The event witnessed Sh. Pushkar Singh Dhami (Chief Minister of Uttarakhand) as the chief guest (virtually), Prof. Durgesh Pant (DG, UCOST) as the guest of honour, and Prof. Pradeep Kumar (Director, CSIR-CBRI) as the special guest.

On the 7th day of its "One Week One Lab" campaign, CSIR-IIP organized a meeting with the Uttarakhand State Govt. Functionaries at its laboratory campus. The program was initiated with Saraswati Vandana, followed by a presentation on the offerings of CSIR-IIP for the development of Uttarakhand. The technology presentations were made for Room temperature bio-diesel, Bio-aviation fuel, Waste plastics to fuel, Domestic PNG burner, Biomass Chulha, Improved Gur Bhatti, Medical Oxygen plants and Compressed bio-gas into pipeline quality natural gas technologies by eminent scientists of CSIR-IIP. The forum was then open for the discussion with the state government functionaries. The event was attended by Dr Deepak Kumar (Sec. program Implementation Govt. UK), Dr Vijay Kumar Jogdande (Sec. Skill development Govt. UK), Mr Rajendra Kumar (Deputy Director, Dept. of Industry Govt. UK).

The event also witnessed the participation of Directors from different Government Institutes of Uttarakhand, namely, Dr Sudhir Kumar (NIH, Roorkee), Dr M K Gupta (CPPRI, Saharanpur), Dr Kalachand Sain (WIHG, Dehradun), Dr Abhishek Rajvansh (CIPET, Dehradun), Dr R Pradeep Kumar (CBRI, Roorkee), Mr B M Tripathi (KDMIP, ONGC Dehradun), Mr Gautam Dikshit (ONGC, Dehradun), and Dr P P Gothwal (Head CFTRI Lucknow Branch). The guests presented their views on the offerings by CSIR-IIP and complimented the Director CSIR-IIP for taking up such an initiative.

Prof. Deepak Kumar said that an R&D institution like CSIR-IIP should reach out to the government bodies with their technologies for the sustainable development of the Uttarakhand state and make it a model state. Dr Vijay Kumar Jogdande focused on utilizing 20–25% reduced derived fuel (RDF) from municipal solid waste (MSW). He also talked about the scaling up of existing technologies for waste management to mitigate the energy crisis and make the technologies more affordable and accessible. Dr Kalachand Sain, Director of WADIA Institute of Himalayan Geology, appreciated the technologies developed at CSIR-IIP and insisted on developing hybrid processes for the systematic and viable utilization of energy using static and dynamic sources. Dr Sudhir Kumar, Director NIH Roorkee, talked about the impact of climate change on rivers and glaciers. He addressed that energy from natural resources can efficiently reduce carbon footprints. Dr Abhishek Rajvansh, Director CIPET Dehradun, discussed the need for R&D on plastics other than polyethylene (PE) and polypropylene (PP) to make fuel and its viable disposal efficiently. He also appealed to share the research facilities available at CSIR-Indian Institute of Petroleum and CIPET to make the technologies for the development of Uttarakhand. Dr Gautam Dikshit, Group General Manager ONGC, KDMIP, insisted on developing robust models to enhance the connectivity of Scientists and students in rural areas and farmers. Dr M. K. Gupta, Director of CPPRI Saharanpur, stressed the segregation of dry waste into paper and non-paper waste so that it could be efficiently recycled as it will help reduce the import cost of paper.

Subsequently, the OWOL campaign was concluded with the valedictory function. Dr Anjan Ray, Director CSIR-IIP, presented the summary of the week-long OWOL program. He also

suggested five key points: the task force for waste to wealth, reduction in per capita water use, standards for the industry and domestic purpose, livelihood generation for grassroots, rural climate health system, and GEP measurement parameters. Chief Minister, Uttarakhand Sh. Pushkar Singh Dhami could not attend the event in person due to his urgent commitments but greeted the august gathering through his video message. The CM, in his message, applauded the efforts made by CSIR-IIP towards the development of socio-economic technologies. He also thanked CSIR-IIP for adopting the villages at Champawat Block and for going beyond the limits to make ADARSH CHAMPAWAT a model block. He also urged CSIR-IIP scientists to develop technologies to mitigate the problems of forest fires, crop storage, and pollution from the transportation of fruits & vegetables.

Prof. Durgesh Pant, DG UCOST, stressed on creation of a state-level task force from the leading R&D institute in Uttarakhand and government administration. It will improve the quality of life in rural areas and the state as a whole. He also emphasized the gross environmental product (GEP) for the development of the state using the refinement of four factors: soil, forests, water, and air.

Prof. R. Pradeep Kumar, Director CBRI Roorkee, appreciated the efforts made by CSIR-Indian Institute of Petroleum to organize this seven-day OWOL program. He congratulated CSIR-IIP on developing medical-grade oxygen that helped people during the COVID-19 pandemic. He urged the gathering to differentiate between one's general needs and expectations and stressed on improving our lifestyle. He said that without a change in our lifestyle, no technology could bring about a sustainable change in society that could lessen environmental harm. Mr Anjum Sharma, Sr. CoA, CSIR-Indian Institute of Petroleum, proposed the vote of thanks. Dr Kritika Kohli compeered today's event, and Dr G D. Thakre coordinated the program. The guests then visited the state-of-the-art lab facilities and indigenous technology-based pilot plants like Bio-Jet fuel, waste plastic to diesel, room temperature bio-diesel, and medical-grade oxygen plants.

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[Pib](#)

While addressing the CSIR IIP's MSME Meet & PAN CSIR – collaborations as part of “One Week -One Lab” program in New Delhi, Dr Jitendra Singh said that India has a huge unexplored amount of waste which is available to be converted to wealth

CSIR-IIP

18th April , 2023



Union Minister of State (Independent Charge) Science & Technology; Minister of State (Independent Charge) Earth Sciences; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr. Jitendra Singh today said that India is set to be a major contributor to world's "Circular Economy".

While speaking as chief guest at the Indian Institute of Petroleum (CSIR IIP) - MSME Meet & PAN CSIR – collaborations as part of “One Week -One Lab” program here, Dr Jitendra Singh said that India has huge unexplored amount of waste which is available to be converted to wealth that was not realised earlier as neither there was technology available, nor it was brought up as part of our social culture. But with increasing pace of technological development and, more and more social awareness happening, this will become a rich source of economy which will be exclusive to India. Moreover it will give India an edge over other major economies, he added.

The Minister highlighted that “waste is the wealth of the coming times” and it is in line with Prime Minister Narendra Modi's vision of India being central to global environmental action.

The Minister mentioned that CSIR - IIP Dehradun is the only lab in the country which celebrates not wealth, but 'waste'. He added that this is an institute working for the next generation. The concept of waste to wealth is relatively new and you are its torch bearers, he said. The Minister urged the CSIR labs to work in synergy with the MSME sector and industry as part of a wider integration in order to grow sustainably.

CSIR IIP Dehradun Director Dr. Anjan Ray said that the two-pronged mandate of CSIR-IIP is:(a) Helping India reduce its imported fuels burden, and (b) Aiding the nation in decarbonization of our energy usage while continuing to enhance energy access and affordability using evidence-based research, development and field deployment.

Dr Jitendra Singh said that the "One Week – One Lab" (OWOL) program should be an opportunity to strengthen partnership between the CSIR labs since each lab has unique mandate and specializes in diverse areas from food to fuel, drugs, environment, materials, leather, genomics, geology and so on. Moreover the OWOL enables CSIR labs to deeply analyse and appreciate their work and use it further for the betterment of the society.

Dr Jitendra Singh said that India is pledged to ensure reliable, affordable and sustainable energy to a growing population, attaining Net Zero GHG Emissions by 2070, but this ambitious target will require focused and concerted attention. India's energy generation depends on fossil fuel (59.8 per cent), with coal contributing to about 51 per cent even though renewable energy has grown to an impressive 38.5 per cent. There is therefore still a pressing need to further decarbonise the energy sector, which would require replacing fossil fuels with renewables, reducing fossil CO₂ emissions from old power plants, and removing unavoidable carbon emissions through carbon sequestration. This is where Science and Technology has to play a major role.

The Minister concluded by appreciating the efforts of CSIR IIP for its remarkable adaptability and flexibility during the pandemic in serving the nation during the COVID-19 pandemic. He further urged all the CSIR labs to utilise this "One week-One Lab" program as

an opportunity to engage in persistent and persuasive efforts to involve all stakeholder's participation to grow sustainably. The MSME meet, and PAN CSIR Collaboration will showcase CSIR-IIP's outreach to its esteemed MSME partners who have not only been instrumental in the implementation of its technologies but rightly perceived to be an integral part of India's growth story. The event shall be an apt opportunity for MSME partners of CSIR-IIP to provide feedback and fraternise with other motivated MSME colleagues. CSIR-IIP's Medical Oxygen Technology, Biogas Purification Technology, Advanced PNG burners and improved Gur Bhatti shall be the key highlights of the discourse.

The PAN-CSIR collaboration showcase will provide a platform to exhibit CSIR-IIP's intra-CSIR collaborative research. Joint presentations by CSIR-IIP scientists and their partners from other CSIR labs will highlight recent activities and achievements aligned with the national leadership's vision of an Atmanirbhar Bharat.

Union Minister Dr Jitendra Singh says, “YUVA PORTAL”, launched today will help in connecting and identifying potential young Start-Ups

CSIR-NPL

17th April , 2023



Union Minister of State (Independent Charge) Science & Technology; Minister of State (Independent Charge) Earth Sciences; MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr. Jitendra Singh today launched “YUVA PORTAL”, which will help in connecting and identifying potential young Start-Ups.

While launching the NPL’s “One Week -One Lab” program in New Delhi, Dr Jitendra Singh again underlined that unless the stakeholders' participation is broad-based, particularly the Industry, the StartUps may not remain sustainable for want of proper industry mapping and right aptitude, he cautioned.

It may be recalled that Union Minister, Dr Jitendra Singh had launched “One Week- One Lab” campaign on 6th Jan 2023. Highlighting India's global excellence in technology, innovation and Start-Ups, Dr Jitendra Singh said each of the 37 CSIR (Council of Scientific & Industrial Research) Labs spread across the country is dedicated to a different exclusive area of work and the "on week, one lab" campaign will offer an opportunity to each one of them to showcase the work being done by it so that others can avail of it and stakeholders learn about it

Dr Jitendra Singh referred to PM's address at 108th Indian Science Congress held in Nagpur this Tuesday, when he said, "We are also seeing the results of the scientific approach with which today's India is moving forward. India is fast becoming one of the top countries of the world in the field of science.

Dr Jitendra Singh also hailed the launching of the astronomy lab that has come up in Haryana's Karnal and said it will provide level-playing field to all and even Divyangs can excel in various forms of skill, art and craft. He said, the facility in different languages to start with will enable hearing impaired students to learn about sun, moon and stars, apart from simple to complex concepts of space.

It may be informed that the Indian Sign Language AstroLab has 65 pieces of equipment, including a large telescope, interactive models, audio visual aids, and fun fact posters and a 24 X 7 virtual access to stream over 90 videos, including biopics, hands-on demonstrations, fun facts, and explanatory videos about simple to complex concepts of space and science in Indian sign language.

Dr Jitendra Singh said, with today's program, in which all labs of Council of Scientific and Industrial Research (CSIR) will reach out to public to not only showcase their technologies but also to ignite the minds of young innovators, students, start-ups, academia, and industry to look for opportunities through deep tech ventures. In the "One Week, One Lab" campaign, in successive weeks, each of the CSIR labs is showcasing their exclusive innovations and technological breakthroughs to the people of India. The CSIR laboratories are unique and specialise in the specific areas which span from genome to geology, food to fuel, minerals to materials, and so on.

Dr Jitendra Singh recalled that CSIR-NPL is the custodian of Indian Standard Time (IST), generated using an atomic time scale consisting of Cesium atomic clocks and Hydrogen masers. Not just that, IST is kept traceable within a few nanoseconds to the international reference time UTC (coordinated Universal Time) using ultra-precise satellite links. Come and

witness how CSIR-NPL keeps the nation's time ticking! Did you know that the CSIR-NPL standardised the measurements of gas and airborne particles for monitoring atmospheric pollution?

CSIR-NPL Director, Prof Venugopal Achanta said, “CSIR-National Physical Laboratory (NPL) is going to organise the One Week- One Lab program from 17-21 April, 2023. The aim of this program is to create awareness about the available technologies and services present at NPL among potential stakeholders, to provide solutions to societal problems, to sensitise the masses about the importance of precise measurements and to develop the scientific temperament among masses especially amongst students who are the future of the country”.

Dr Achanta said 180 schools of Delhi -NCR were exposed to NPL to labs for different activities and more and more schools will be thrown open for such open interactions in future.

It preserves and maintains the measurement standards of length, mass, temperature etc including the task of dissemination of the Indian Standard Time (IST). NPL is conducting multidisciplinary R&D with a mission to establish the futuristic quantum standards and upcoming technologies so that India remains on par with international measurement laboratories. It is developing sophisticated analytical equipment (i.e. import substitutes) under “Make in India” programme to cater the ever increasing demands of emerging India and training of young scientists and industry personnel in the area of measurements under “Skill India” programme.

From April 18-20, there will be three days of Start-up/MSME/Industry Meet. The aim of this event is to showcase various services extended by NPL to industries. In this event, all stakeholders have been invited whom NPL has helped/connected/provided technological support/ consultancy/ services. During this event each day, more than 20 industries will be joining where they will not only showcase their technologies/services (where NPL has contributed) but also talk about NPL’s scientific and technological help they have received. Several other crucial issues will be discussed related to the innovation framework and

ecosystem. MoUs with 4 new industry partners will be signed for technology transfer and development. On 19th April, the Metrology Conclave will be organised where a Handbook on Advances in Metrology at CSIR-NPL will be released. CSIR-NPL's Role and Efforts in the field of Metrology, CSIR-NPL Road Map for Future and Developing National and International Collaborations, panel discussion are the other attributes of the metrology conclave.

On 20th April, R&D Conclave & Women in STEM is planned where eminent scientists of the NPL family and alumni will share their vision and showcase the role of CSIR-NPL in recent advancements in science and technology. The focus of this one-day event will be on Women's empowerment during the above-said event and a series of activities will be conducted by women scientists to discuss the recent trend in Research and Development, Challenges, and Opportunities for Women in STEM Careers. Also, there will be a documentary film to showcase renowned Women Scientists in India.

On 21st April, a one-day Skill Conclave will be held. The prime focus of the conclave is to sensitise/educate masses about CSIR-NPL's skill program and inspire locals by hosting various expert lectures and skill demonstrations in the fields related to all aspects of our lives. To train skilled manpower needed in the country by different industries, academia, and society, CSIR-NPL is carrying out, from time to time, many events.

For more details about CSIR-NPL and its "One Week One Lab" program, one can visit NPL website:

<https://www.nplindia.org/>. To participate, the interested may register for the event.

Department of Pharmaceuticals in partnership with Indian National Science Academy organizes a S20 Webinar on “An Integrated Approach to Combat Neo-Infections: A Way Forward, through Vaccines, Diagnostics and Therapeutics”

CSIR-CCMB

18th April , 2023

Department of Pharmaceuticals (DoP), Ministry of Chemicals and Fertilizers, Govt. of India in partnership with the Indian National Science Academy (INSA), organized a S20 Webinar on “An Integrated Approach to Combat Neo-Infections: A Way Forward, through Vaccines, Diagnostics and Therapeutics” today with deliberation from eminent speakers across the G-20 countries like Australia, US, UK, Canada, South Africa, European Union, Brazil and Indonesia. This S20 webinar focused on discussing a need for collaborative models that would help to strengthen and support research and development (R&D) in Vaccines, Therapeutics, and Diagnostics (VTDs).



During the G20 Presidency of India, the Science 20 or the S20 engagement group has planned a number of webinars and workshops on topics of current interest. The Indian National Science Academy (INSA) is coordinating the S20 activities under the overarching theme, “Disruptive Science for Sustainable Development” with three subthemes focussing on “Clean Energy for Greener Future”, “Universal Holistic Health”, and “Science for Society & Culture”. The emphasis is on the disruptive innovation aspect of science that identifies with the nature and essence of the overarching theme.

An important objective of the sustainable development is to increase the healthy life expectancy of all humans, while promoting well-being across the whole life course. Indeed, creating better global health would not only mean creating better medical infrastructure or ease of access in medical care, it would also require sustainable practices which would help

enhance cumulative global health standards. The idea is to create awareness among various stakeholders about disease agonistic platforms for new drug development and develop cost-effective therapeutics for priority pathogens. This could be done through a network of R&D institutions across G20 countries which would function in tandem in sustainable manner and contribute to collective preparedness for thwarting future pandemics.

Sh. Rajneesh Tingal, Joint Secretary, Department of Pharmaceuticals, in his opening remarks highlighted various initiatives taken by DoP to foster innovation in India and the need of strengthening research collaboration in vaccines, therapeutics & diagnostics. This was followed by welcome address by Ms. S. Aparna, Secretary, DoP & Prof. Ashutosh Sharma, President INSA & S20 Chair. During her welcome address, Ms. S. Aparna, highlighted the need of creation of Global R&D Network which will help to fight future pandemics. She also emphasized in designing a roadmap by identifying and setting up priority areas for collaboration, strengthening cooperation and partnership among G-20 countries in the arena of Early stage research on vaccines therapeutics and diagnostics for coordinated approaches in fighting emerging disease threats and capacity building in medical countermeasures with the vision of strengthening the global health architecture “One Earth, One Health, One Future”. Prof. Ashutosh Sharma depicted the role of S20 in furthering the agenda of G20 where science will have to play a key role to achieve the economic growth to pull millions of people out of poverty while ensuring that development is inclusive and sustainable.

S20 Webinar featured notable eminent speakers across the G-20 counties. The therapeutics session was moderated by Dr. Girish Sahni, Ex-Director General, Council of Scientific & Industrial Research (CSIR), Govt. of India, involving speakers like Prof. Nicola Mulder, University of Cape Town, South Africa, Dr. Vishal Singh, Penn State University, Pennsylvania, United States, and Dr. Ahmed Aman, Leslie Dan Faculty of Pharmacy, University of Toronto, Canada.

The vaccines session was moderated by Dr. Pramod Kumar Garg, Executive Director, THSTI, Faridabad, India involving Mr. Sourabh Sobti, Coalition for Epidemic Preparedness

Innovation, United Kingdom, Prof. Nikolai Petrovsky, Vaxine Pty Ltd., Flinders Medical Centre, Australia, and Dr. Marco Aurélio Krieger, FIOCRUZ University, Brazil as eminent speakers.

Finally, the diagnostics session was moderated by Dr. Anup Anvikar, Director, National Institute of Biologicals (NIB), Noida, India with the engagement of Dr. Nivedita Gupta, Scientist F, ICMR, New Delhi, India, Dr. Vinay K. Nandicoori, Director, CSIR-CCMB, Hyderabad, India, and Dr. Sara Frojdo, Senior Technology Officer, Business Intelligence, FIND, Diagnostics, Geneva, European Union.

Following this, a panel discussion for fireside chat was held, which was moderated by Prof. Narinder K. Mehra, Vice President (Int. Affairs), INSA, New Delhi, India with the engagement of peer-panelist across G20 countries representation from Prof. Nicola Mulder, University of Cape Town, South Africa, Prof. Satryo S. Brodjonegoro, Chairman, Indonesian Academy of Science, Indonesia, Prof. Anil Gulati, Chairman and CEO, Pharmazz Inc., United States.

Some of the key points deliberated by the esteemed speakers included:

Creating a collaborative ecosystem for turning discovery into beneficial therapeutics.

Collaborative efforts to generate important insights while keeping collaborators engaged and committed to their partnerships.

Creating a self-sustaining network of industry-academia and cross-functional industrial collaborations.

Workforce development as a key component of a robust discipline of innovative therapeutic development.

Collaborative environment for innovation & learning to transform processes, technologies, and policy elements of innovation.

Various specific suggestions for building a collaborative ecosystem of the panel members to translate discoveries into effective therapeutics along with suggestions of the participants

received during the feedback session were noted and the same would be utilized for developing a robust networked research ecosystem.

The webinar has got good response with more than 1500 registrations across the G-20 countries. This S20 webinar witnessed more than 500 viewers across the virtual platforms. Webinar concluded with a note of appreciation by Prof. USN Murty, Director, NIPER-Guwahati, India to all the S20 speakers, panellists, moderators, and wide participants for their valuable contributions & active participation.

EOAI to organise workshop on Himalayan Rosa Damascena

CSIR-IHBT

18th April , 2023

Essential Oil Association of India (EOAI) will organize a one-day workshop on “Himalayan Rosa Damascena - Development of Aroma Farming and Industry of Western Himalayan Region” at CSIR-Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur on April 21.

The workshop is being held in association with CSIR-IHBT, Himalayan Phytochemicals and Growers Association (HIMPA), Mandi, and the Indian Institute of Technology (IIT), Mandi, Himachal Pradesh.

EOAI was created in 1956 and comprised scientists, researchers, industrialists, merchants, manufacturers, exporters, importers, and farmers in the field of essential oils. This event will provide an excellent opportunity for interaction between the relevant industries, scientists, and more importantly farmers to boost the essential oil industry in India.

CSIR-IHBT Director Dr. Prabodh Kumar Trivedi informed on Tuesday that the institute under CSIR Aroma Mission had provided end-to-end technology for the cultivation and processing of aromatic crops such as damask rose, wild marigold, chamomile, Indian valerian, lavender, rosemary, lemongrass, and palmarosa.

With the installation of more than 61 distillation units, the institute endowed Himachal Pradesh to become the number one state in the production of wild marigold essential oil benefiting over 3000 farmer families, said he.

He said that CSIR-IHBT had been entrusted with discovering, innovating, and developing sustainable technologies that benefit society, industry, and the environment, as well as strengthening the bioeconomy.

Dr. Rakesh Rana, senior Principal Scientist, CSIR-IHBT, who is coordinating the programme, stated that more than 150 people from across India will participate in the workshop.

CSIR-IIIM prog raises awareness of innovation, startups among students, villagers in Udhampur

CSIR-IIIM

18th April , 2023

Council of Scientific & Industrial Research-Indian Institute of Integrative Medicine (CSIR-IIIM) Technology Business Incubator in collaboration with the University of Jammu's Udhampur campus organised a programme in village Garnai Lotta to raise awareness of innovation, startups, incubation, and hackathons among students and villagers.



The awareness campaign was conducted in line with the upcoming Regional Startup Conclave at Udhampur. The roadshow was successfully hosted by the Udhampur Campus, University of Jammu. During the inaugural session, Prof. Yash Pal Sharma, Rector Udhampur Campus, University of Jammu while interacting with the students and locals informed that for a variety of reasons, new ideas and innovations are crucial for companies. "They can use it to develop new goods and services, expand into new markets, and become more competitive," he said.

The main speakers of the programme were Dr. Saurabh Saran, Principal Scientist, CSIR-IIIM & PI, IIIM-TBI, Jammu, and Er. Ankush Varma, Coordinator, IIIM-TBI, CSIR-IIIM, Jammu. They clarified that the purpose of the awareness programme is to sensitise and educate the public about start-ups, self-employment and the startup ecosystem. They emphasized the value of advanced skill development training necessary to increase their chances of landing a job in the current competitive business industry.

The students and the people of Garnai Lotta participated in the interactive roadshow sessions that highlighted the important elements of science and technology-based business and

manpower training programmes. During the event, IIIM-TBI startups, Mr. Mokhshak Kotru from M/s Vela Nutrition and Jayaprakash Behera from M/s JP life science, showcased their herbal products. The villagers that have new startup ideas joined this road show and displayed their creations, which included soft toys, kaleera, and the greatest startup made from waste.

Dr. Saran highlighted that under the leadership of Dr. Zabeer Ahmed, Director, CSIR-Indian Institute of Integrative Medicine, Jammu is committed to proactively promoting and creating awareness about the importance of entrepreneurship among the local community of Jammu & Kashmir.

IICT scientist makes it to WHO advisory group on Trans Fats

CSIR-IICT

18th April , 2023

Senior Principal Scientist from city-based CSIR-Indian Institute of Chemical Technology (CSIR-IICT), Dr Sanjit Kanjilal has been appointed as member of Trans Fat Elimination Technical Advisory Group (TFATAG) of WHO for three years, between 2023 and 2026, a press release on Thursday said.

As part of the Technical Advisory Group, Dr Kanjilal will monitor the performance of member states in implementing regulatory measures to eliminate trans-fatty acids and suggest WHO for granting validation certificates in order to

be identified as trans-free nation. He has earlier served as expert member of WHO to review the WHO Global Protocol for the Estimation of Trans Fat and was instrumental in simplification of this protocol for ease of adoption by the Member States.

As scientific panel member of Food Safety and Standard Authority of India (FSSAI) during 2017-2022, Dr Kanjilal also played a major role in drafting FSSAI regulations of limiting the trans-fatty acids to 2 per cent by 2022. He has been working in the area of edible oils and fats for the last 25 years in the Department of Oils, Lipid Science and Technology.



Published in:

[The Hindu](#)

More than 75 students connect with top scientists to develop better understanding of science

CSIR-IIP

17th April , 2023

On the third day of its “One Week One lab” campaign, CSIR-IIP organized a half-day Jigyasa program for school students at its laboratory premises in Dehradun. The event’s objective was to teach the scientific temperament among school children. The program included interactive scientific presentations by the research scholars at CSIR-IIP.



Over 75 students from different schools in and around Dehradun participated in the event. The students from KV-IIP Dehradun, DAV Public School Dehradun, St. Kabeer Academy Dehradun, SGRR Public School, Nehrugram, Dehradun and NSS Doiwala Dehradun actively participated in various competitions arranged for the students. The competition was aimed at developing a scientific temperament among youngsters.

The program began with the introduction of the Jigyasa program by Dr Aarti, Pr. Scientist CSIR-IIP. Director CSIR-IIP Dr Anjan Ray, in his welcome address, motivated the students and emphasized the importance and significance of Science in our day-to-day life. He also addressed the issues of global warming and the measures to be taken to mitigate it by minimizing the overconsumption of energy. Citing various examples, Dr Ray stressed on reasonable consumption of energy and water resources. The conservation of water and energy is a necessity to save our future.

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CSIR-CSMCRI

15th April, 2023

सीएसएमसीआरआई में भारत रत्न डॉ. भीमराव अंबेडकर जयंती समारोह का आयोजन



भावनगर। सीएसआईआर-केन्द्रीय नमक व समुद्री रसायन अनुसंधान संस्थान (सीएसआईआर-सीएसएमसीआरआई), भावनगर, में पिछले 10 अप्रैल से चल रहे 'वन-वीक-वन-लैब' कार्यक्रम के भाग के रूप में 14 अप्रैल को प्रथम सत्र में भारत रत्न डॉ. भीम राव अंबेडकर को उनकी जयंती के अवसर पर श्रद्धांजलि देते हुये एक कार्यक्रम का आयोजन किया गया। इसमें मुख्य अतिथि महेशकुमार एम. दाफड़ा, प्राचार्य, सनातन धर्म हाई स्कूल, भावनगर द्वारा विषयक व्याख्यान दिया गया। संस्थान के वरिष्ठ वैज्ञानिक एवं पीआरओ डॉ. कान्ति भूषण पाण्डेय ने बताया कि इस समारोह में सीएसएमसीआरआई के निदेशक डॉ. कन्नन श्रीनिवासन, डॉ. जे.आर. चूनावाला, मुख्य वैज्ञानिक, वरिष्ठ प्रधान वैज्ञानिक डॉ. वैभव मंत्री, भूमि अंधेरिया आदि ने अपने विचार व्यक्त किए। धन्यवाद ज्ञापन सुभाष चंद्र, प्रशासन नियंत्रक ने किया। कार्यक्रम का संचालन डॉ. केतन पटेल, वरिष्ठ वैज्ञानिक ने किया।

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CSIR-CSMCRI

15th April, 2023

सेन्ट्रल सोल्ट ખાતે વન-વીક- વન-લેબ કાર્યક્રમની પુર્ણાહુતિ

વિશ્વ મંચ પર CSMCRI ની સ્થાપના કરવા સાસંદની હાકલ

। ભાવનગર ।

CSIR-સેન્ટ્રલસોલ્ટએન્ડમરીનકેમિકલ્સરિસર્ચઈન્સ્ટિટ્યૂટ (CSIR-CSMCRI), ભાવનગરખાતે 'વન-વીક-વન-લેબ' કાર્યક્રમનું સમાપન થયું છે. દરમિયાન પ્રથમસત્રમાં ભારતરત્ન ડૉ. ભીમરાવ આંબેડકરને તેમની જન્મ જયંતિ નિમિત્તે શ્રદ્ધાંજલિ અર્પણ કરતો કાર્યક્રમ યોજવામાં આવ્યો હતો

ભારતીયેન શિયાળ મુખ્ય અતિથિ તરીકે ઉપસ્થિત રહ્યા હતા.

સાંસદે વિજ્ઞાનીઓને વિશ્વ મંચ પર CSMCRIની સ્થાપના કરવા હાકલ કરી હતી. અતિથિ વિશેષ તરીકે એન.વી. ઉપાધ્યાય, IAS, મ્યુનિસિપલ કમિશનર, ભાવનગર, એCSMCRI માં થઈ રહેલા સંશોધન કાર્યની પ્રશંસા કરી હતી. CSMCRIના ડાયરેક્ટર ડૉ. કમ્લેશ

શ્રીનિવાસન અને ડૉ. વિશ્વજીત ગાંગુલી એ પણ સમાપન સમારોહ માં તેમના વિચારો વ્યક્ત કર્યા હતા. મહેમાનોનું સ્વાગત ડૉ. પુયમ સોમિન્દ્રોસિંઘ દ્વારા કરવામાં આવ્યું હતું અને આભાર વિધિ ડૉ. કાંતિભૂષણ પાંડે, વરિષ્ઠ વૈજ્ઞાનિક દ્વારા કરવામાં આવી હતી. કાર્યક્રમનું સંકલન વૈજ્ઞાનિક ડૉ.પારૂલ સાહુએ કર્યું હતું.

CSIR-NGRI

14th April, 2023

युवाओं के लिए नई शिक्षा नीति बेहतर : प्रो. धर

जासं, लखनऊ: वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद (सीएसआइआर) की प्रयोगशाला राष्ट्रीय वनस्पति अनुसंधान संस्थान (एनबीआरआइ) में दो दिवसीय ग्रीष्मकालीन पादप महोत्सव शुरू हुआ। महोत्सव के उद्घाटन पर मुख्य अतिथि अकादमी आफ साइंटिफिक एंड इनोवेटिव रिसर्च (एसीएसआइआर) के निदेशक प्रो. मनोज कुमार धर ने कहा कि शोधार्थी अपनी रिसर्च में तथ्यों को खोजने के बजाय विज्ञान क्षेत्र की समस्याओं का समाधान खोजें। युवाओं के लिए नई शिक्षा नीति बहुत अच्छी है। इसके जरिये वह धरातल पर हो रही परेशानियों को बेहतर समझ सकते हैं।

प्रो. धर ने नई शिक्षा नीति-2020 के विभिन्न आयामों पर चर्चा की। उन्होंने कहा कि युवाओं को सही शिक्षण कार्यक्रमों और कोर्सेज की जानकारी मिलनी चाहिए ताकि भविष्य के लिए वे सही राह चुन सकें। संस्थान के निदेशक डा. अजीत शासनी ने बताया कि 13 अप्रैल 1953 को वैज्ञानिक एवं औद्योगिक



एनबीआरआइ में आयोजित ग्रीष्मकालीन पादप महोत्सव का शुभारंभ करते प्रोफेसर मनोज कुमार धर (दाएं) और निदेशक प्रोफेसर अजीत शासनी (बाएं) • सौ. एनबीआरआइ

अनुसंधान परिषद (सीएसआइआर) नई दिल्ली ने नेशनल बोटैनिक गार्डस को अंगीकृत किया था। उसके बाद इसका नाम बदल कर राष्ट्रीय वनस्पति अनुसंधान संस्थान रखा गया। तब से आज तक पौधों की कई नई प्रजातियों और कई नई तकनीकों पर शोध और अनुसंधान में हम लगातार अग्रसर हैं। इस विज्ञान महोत्सव का आयोजन का मुख्य उद्देश्य शोधार्थियों को छुपी हुई प्रतिभाओं को उजागर कर प्रोत्साहित

करना है।

महोत्सव की संयोजक और संस्थान की मुख्य वैज्ञानिक डा. विधु साने ने बताया कि शोधार्थियों द्वारा आयोजित इस कार्यक्रम में मौखिक व्याख्यान, पोस्टर प्रस्तुति, फोटोग्राफी प्रतियोगिता, विज्ञान प्रश्नोत्तरी, आशुभाषण प्रतियोगिताएं हो रही हैं। इस महोत्सव में लगभग 200 शोधार्थी भाग ले रहे हैं। शोधार्थियों द्वारा 21 मौखिक व्याख्यान और 27 पोस्टर प्रस्तुति दी जाएगी।

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