

CSIR IN MEDIA



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NEWS BULLETIN

26 TO 31 OCTOBER 2023



3-day workshop on RNA sequencing begins at KU

CSIR-IIIM

31st October , 2023

To equip researchers with the knowledge and skills required for proficient gene expression analysis using RNA-Seq technology, the Department of Botany, Kashmir University (KU) Monday inaugurated a three-day workshop on 'RNA-Seq Hands-on Workshop – Library Preparation and Introduction to Data Analysis Using R' here.

The workshop aims to covers a broad spectrum of topics such as, the fundamentals of RNA-Seq, experimental design, technology and platforms, data quality control, hands-on data analysis, bioinformatics tools and software, data visualisation and functional analysis. The goal is to empower participants to efficiently plan, execute, and analyse RNA-Seq experiments for their research projects, be it in genomics, molecular biology or other biological disciplines.

Dean Research, KU, Prof Irshad Ahmad Nawchoo; Prof Bibha Choudhary from the Institute of Bioinformatics and Applied Biotechnology (IBAB), Bangaluru; Officiating Head, Department of Botany, KU and Convenor of the workshop, Prof Aijaz Ahmad Wani and Professor, Department of Botany, KU, Prof Zafar Ahmad Reshi besides faculty members, research scholars and students were present at the inaugural ceremony.

The workshop brings together a team of renowned resource persons, including Prof Bibha Choudhary and her team of postdocs and PhD students from IBAB, Bengaluru, Dr Gaurav Sharma from the Indian Institute of Technology (IIT), Hyderabad and Dr Wajid Waheed Bhat from Council of Scientific and Industrial Research-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu.

During the inaugural session, Dean Research, KU, Prof Irshad Ahmad Nawchoo emphasised the importance of such workshops, acknowledging their role in providing practical experience in RNA sequencing and data analysis, essential for researchers and students in the field.

Officiating Head, Department of Botany and Convenor of the workshop, Prof Aijaz Ahmad Wani, shared the department's rich history and its contributions to the fields of bioinformatics and genomics.

Professor at the Department of Botany, KU, Prof Zafar Ahmad Reshi underscored the significance of staying updated with the latest advancements in bioinformatics and using state-of-the-art instruments, highlighting the valuable exposure that workshops provide.

SERB (Science and Engineering Research Board) research scientist, Department of Botany, KU and Organising Secretary of the workshop, Dr Shahzad Ahmad Pandith highlighted the objectives of the workshop offering a comprehensive understanding of RNA-Seq to participants, combining theory with hands-on practice to enhance their research capabilities.

The workshop promises to be an enriching experience, with practical exercises covering RNA extraction, library preparation, and data analysis, ensuring that participants leave with the skills and knowledge to harness the power of RNA-Seq in their research endeavours.

Research Scholar, Department of Botany, Dr Mohd Ishfaq Khan proposed the formal vote of thanks, expressing gratitude for the collective effort gone into making the workshop possible.

Scientist elected as Fellow of NASI

CSIR-NIO

31st October , 2023

Dr Manguesh Uttam Gauns, Senior Principal Scientist and Head of the Biological Oceanography Division at CSIR-National Institute of Oceanography (NIO) achieved a significant honour by being elected as a Fellow of the National Academy of Sciences, India (NASI). The NASI, founded in 1930 by a group of renowned scientists under the leadership of Prof MeghnadSaha, is one of India's oldest and most esteemed science academies.



Dr Gauns' election as a Fellow of NASI is a testament to his remarkable contributions to the field of marine biodiversity and biogeochemistry in the northern Indian Ocean (NIO). His comprehensive studies have illuminated the intricate interplay between bio-physical coupling, seasonal changes in food web dynamics, and carbon cycling in the marine ecosystem.

With specialisation in ecology and ecosystem functioning, productivity and trophic dynamics, marine biodiversity-biogeochemistry, and climate change, Dr Gauns has left an indelible mark in the scientific community. He has authored over 100 papers in both national and international journals and has been a guiding force for six PhD students, with six more presently under his mentorship. The NASI is one of the three National Science Academies in India, receiving financial support from the Department of Science and Technology (DST), New Delhi. Additionally, it holds the recognition of a Scientific and Industrial Research Organisation by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India.

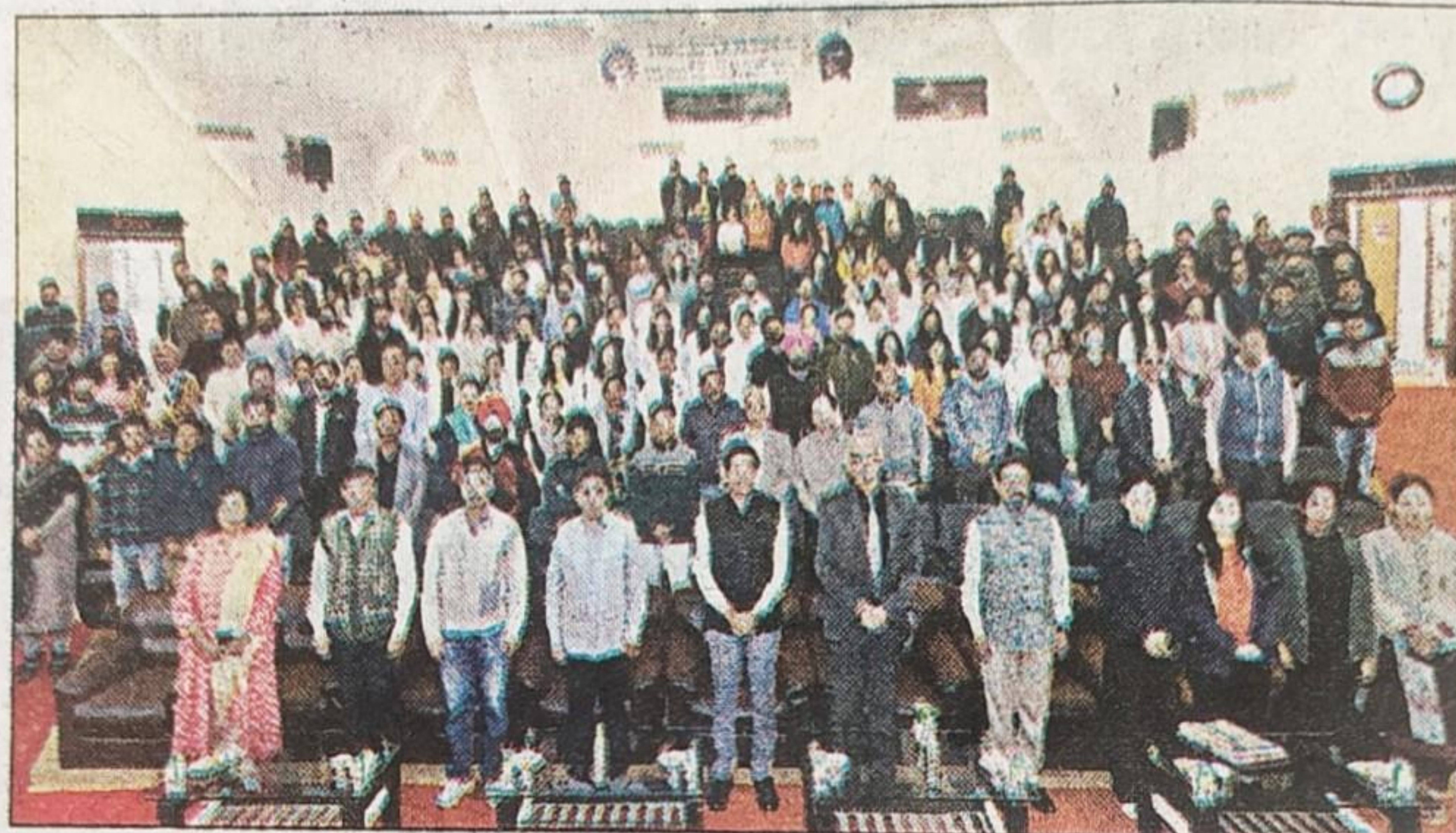
Published in:

Heraldgoa

CSIR-IHBT

31st October, 2023

पालमपुर में आयुर्वेद के महत्त्व पर जगाया अलख



पालमपुर। सीएसआईआर-हिमालय जैवसंपदा प्रौद्योगिकी संस्थान सीएसआईआर, आईएचबीटी पालमपुर में आयुर्वेद दिवस का आयोजन किया गया। कार्यक्रम में मुख्यातिथि डा. राजेश, सहायक निदेशक, क्षेत्रीय आयुर्वेद अनुसंधान संस्थान मंडी रहे। इस वर्ष आयुर्वेद दिवस की टैग लाइन 'हर दिन हर किसी के लिए आयुर्वेद' रही और समारोह के मुख्यातिथि ने समग्र स्वास्थ्य के लिए आयुर्वेद विषय पर अपने संबोधन में दैनिक जीवन में आयुर्वेद की उपयोगिता के बारे में विस्तार से बताया। उन्होंने ऋतु और दिनचर्या तथा बदलती हुई जीवन शैली में आयुर्वेद के महत्त्व पर विशेष प्रकाश डाला। समारोह में संस्थान के स्टाफ एवं शोधार्थियों के अतिरिक्त राजीव गांधी राजकीय स्नातकोत्तर आयुर्वेदिक महाविद्यालय, पपरोला के छात्रों ने विशेष रूप से अपनी प्रतिभागिता दर्ज की और संस्थान की प्रयोगशालाओं में हो रहे शोध की भी जानकारी प्राप्त की।

Published in:

Divya Himachal, Punjab Kesari

First Lavender Farm comes up in J&K

CSIR-IIIM

30th October , 2023

Expanding the purple revolution to new areas, the first-ever Lavender Farm is coming up at Challa village in Jammu and Kashmir's Kathua district, officials said on Sunday. Spread over two hectares of land owned by the Department of Agriculture Production and Farmers Welfare, the farm witnessed the planting of the first sample of lavender by District Development Council (DDC) member Reeta Thakur on Sunday, Chief Agriculture Officer, Kathua, Sanjeev Rai Gupta said.

A native of Europe, lavender was introduced by the Indian Institute of Integrative Medicine (IIIM) in the temperate regions of the Jammu division under the CSIR-Aroma Mission in 2018, which led to Doda becoming the birthplace of India's purple revolution.

“This farm (in Bani) will raise awareness about lavender cultivation among the farming community and will set examples in future as an alternate source of income, which will also boost the economy of the region,” Gupta said. He thanked the Director Agriculture Kashmir for his support in providing 30,000 lavender saplings for the establishment of the Lavender farm in Kathua.

Gupta said the lavender farm at Challah will be a source of quality planting material to farmers of adjoining Bani and Duggan blocks, besides supplying saplings to other areas of the Union Territory. Appreciating the efforts of the agriculture department, Thakur said it is already doing excellent work in mushroom, Apiculture and off-season vegetable cultivation in areas of the Bani region.

Published in:

[Times of India](https://timesofindia.com)

Rajamahendravaram: Food science & tech sector to provide 9 million jobs

CSIR-CFTRI

30th October , 2023

Adikavi Nannaya University (AKNU) Vice-Chancellor Prof K Padma Raju said that in 2024, nine million job opportunities will come from food science and technology. AKNU signed MoU with the Central Food Technological Research Institute (CFTRI), Mysore under the Council of Scientific and Industrial Research (CSIR) here on Sunday.



Speaking at a meeting, AKNU V-C said that surveys on regional traditional foods and raw materials, data collection on food processing, workshops, and seminars will be conducted for the sake of students. Department of Food Science and Technology Professor of Practice P Ramakrishna explained the main objectives of the MoU and said that with the encouragement of V-C, the MSc Food Technology course has been started at AKNU.

Dr YSR Horticulture University V-C Prof Toleti Janaki Ram said they are trying to bring global recognition to the agricultural products of Godavari districts through their university.

CSIR-CFTRI Director Dr Sridevi Annapurna Singh said that students of MSc Food Science and Technology will get a practical understanding of new aspects of food technology through this MoU. AKNU Registrar Prof G Sudhakar, Principal Dr P Vijaya Nirmala, Dean, Faculty of Sciences Prof Y Srinivasa Rao, Head of Food Science Technology Department Dr D Kalyani were present. Dr Sridevi Annapurna Singh and Prof G Sudhakar signed and exchanged the MoU in the presence of V-C.

Published in:

[The Hans India](https://www.hansindia.com)

KVK Baramulla Organizes Farmer- Scientist Interaction Programme

CSIR-IIIM

30th October , 2023

The ICAR- CITH Krishi Vigyan Kendra Baramulla organized a one day awareness cum farmer- scientist interaction programme on 'Increasing farmers Income' through crop diversification and modern agricultural technologies at Govt. Degree College Tangmarg. The Programme had about 60 Progressive Farmers, farm women, rural youths and Agri- Entrepreneurs from different parts of the district.



Dr. Zabeer Ahmad, Director, CSIR- Indian Institute of Integrative Medicine (IIIM), Jammu was Chief Guest on the occasion. He urged farmers to adopt non-traditional higher value crops and modern agricultural technologies to enhance their income. Dr. Ahmed spoke about cultivation of various medicinal and aromatic crops as inter cropping in orchards, non-cultivated land and farm boundaries for additional source of income. And shared success stories of income enhancement by lavender cultivation in maize growing areas of the J&K. He also described in detail about medicinal and economic value of various medicinal-aromatic crops. The chief guest later distributed improved variety seed of mustard to the participating farmers.

Earlier, Dr. Manoj Kumar, Principal Scientist and Head, KVK, Baramulla welcomed the dignitaries and participants and apprised the farmers regarding objective of conducting this Programme. He gave method demonstration on use of maize Sheller for drudgery reduction and spoke about importance of convergence between KVK and IIIM for the welfare of farming community.

Sh. Sansar Ahmed , Deputy Director, National Horticulture Board, Jammu and Kashmir, explained various schemes started by National Horticulture Board for the benefit of farmers and subsidy component under these schemes. Sh. Gulam Nabi Katariya, District Manager J&K SC/ST/BC development corporation Baramulla also interacted with participants and explained various schemes of his department for welfare of persons belonging to schedule caste, schedule tribe, backward class and differently abled communities.

KVK experts Dr. Shoaib Nissar Kirmani, delivered lecture on training & pruning of apple orchards and establishment of horticultural nursery. And Sh. Karan Chhabra also delivered lecture on importance of weather forecast based agro-advisory services being issued by KVK to the farmers. In separate session, the participants interacted with experts regarding their queries. The programme ended with vote of thanks from Dr.Mohammad Arif Wagay Assistant Professor, Govt. Degree College Tangmarg.

No Short Cut To Success, Hard Work Only Mantra: CFTRI Director

CSIR-CFTRI

29th October , 2023

Students have to emphasise the importance of taking career seriously and to acquire potentiality for further education beyond earning a degree. They are to be responsible citizens and should not expect the success as a defined monetary achievement,' said Dr. Sridevi Annapurna Singh, Director of the CSIR-Central Food Technological Research Institute (CFTRI), Mysuru. She was speaking after inaugurating 'Deeksharambh: UG Students



Induction Programme 2023-24' organised by JSS College of Arts, Commerce and Science, Ooty Road, recently.

She urged the students to consider life as a journey rather than a mere competition, striving to become the best version of themselves. Dr. Sridevi encouraged students by citing India's recent achievements in Asian Games as an example of what can be accomplished through hard work and dedication. Sharing the historical context of Mysore Maharaja's role in establishing CFTRI in 1950, she highlighted the ongoing issue of insufficient food access for women and children and recommended that education be paired with a focus on personal health, advocating for the consumption of nutritious food. Chief Executive of the College, Prof. B.V. Sambashivaiah presided. Principal Dr. S. Prathibha welcomed. The IQAC Coordinator Dr. N. Rajendraprasad proposed a vote of thanks. Dr. L. Vinay Kumar, NCC Officer and Organising Secretary compered. Pooja Hegde, final year B.Sc. student rendered the invocation.

Published in:

Starofmysore

Entrepreneurship and skill development training for medicinal and aromatic plants held in Pune

CSIR-NCL, CIMAP

28th October , 2023

A three-day entrepreneurship and skill development training program, focusing on "Cultivation, Processing, and Marketing of Medicinal and Aromatic Plants" was organised recently at CSIR-National Chemical Laboratory in Pune.

Dr Ashish Lele, director of CSIR-NCL, led the inaugural session on October 26. The event saw the presence of Dr Alok Kalra, former director of CSIR-CMAP, who emphasized the successes achieved by the country's farmers through the Aroma Mission. Additional participants in the program included CSIR-CIMAP scientist Dr V R Singh, Principal Scientist Dr R S Sharma, and CSIR-NCL scientists Dr Mahesh Kulkarni and Dr Narendra Kadoo.

In the technical session, guidance was provided on advanced agricultural technology for Geranium and Patchouli, as well as advanced agricultural techniques for Rose and Satavar cultivation. The 43 participants who attended the program posed various questions to the experts present, and they received solutions. Additionally, guidance was offered on methods related to Kalmegh, Tulsi, and distillation.

Published in:

[Times of India](https://timesofindia.com)

Assam: Senior scientist selected for research trip to France under SSHN

CSIR-NEIST

27th October , 2023

Dr Bijit Kumar Choudhury, Senior Scientist (Geologist and Computational Seismologist) of Geo Sciences and Technology Division (GSTD), CSIR-North East Institute of Science and Technology (CSIR-NEIST), Jorhat, Assam, has been selected under the Scientific High-level Visiting Fellowships (SSHN) programme for the year 2023 for a Short Research Trip to France (SRTF) in the senior researchers' category funded by the French Institute in India (IFI) / the Embassy of France in India.

His application stood out in terms of the alignment of its scope of interest with some of the stakeholders' strategic priorities and its comprehensive articulation of the project, as shown by the deliverables. He will be visiting the Institut de Physique du Globe (IPGP, University of Paris), Paris, France to work out a collaborative earthquake research project in the Earth Sciences and Astronomy research domain.

Out of the 554 applications received by IFI/Embassy of France, 51 were selected based on the excellence of the research project proposed and its importance for bilateral scientific cooperation, the reputation of the French and eminent Indian Higher Education and Research Institutions (HERI) involved, and alignment with the eligibility criteria and selection guidelines outlined in the call for applications. The applicants shortlisted are from the areas of Science, Earth Sciences and Astronomy, Mathematics and Statistics, Engineering and Systems, Information and Computer Sciences, Ecology and Environment, Humanities and Social Sciences, Business and Management. The French Institute in India (IFI) is the educational, scientific, and cultural wing of the Embassy of France in India, and this initiative aims to nurture and strengthen Franco-Indian research networks.

Published in:

[Sentinel Assam](#)

KAS fellowships conferred

CSIR-NIIST

26th October , 2023

Governor Arif Mohammed Khan was the chief guest at the sixth fellowship conferment ceremony organised by Kerala Academy of Sciences (KAS) on Wednesday.

Eminent technocrats including Indian Space Research Organisation chairman S. Somanath, Rajiv Gandhi Centre for Biotechnology director Chandrabhas Narayana, Sree Chitra Tirunal Institute for Medical Sciences and Technology director Sanjay Behari, CSIR – National Institute for Interdisciplinary Science and Technology director C. Anandharamakrishnan, Kerala University of Health Sciences Vice-Chancellor Mohanan Kunnummal and Chennai-based Saksin Lifesciences Pvt. Ltd. president and chief executive officer Ramchand C.N. were honoured with fellowships on the occasion.

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[The Hindu](https://www.thehindu.com)

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