

CSIR IN MEDIA



CSIR

NEWS BULLETIN

06 TO 10 NOVEMBER 2022



Union Minister Dr Jitendra Singh inaugurates the Start-up summit in Srinagar, says, J&K has huge unexplored potential of Agri-tech Start-ups

CSIR

09th November, 2022



Biotech KISAN Hub has rejuvenated 40 orchards till date under rejuvenation of apple orchards Three Bamboo Clusters in Jammu, Katra and Samba to create thousands of jobs by making basketry, Agarbatti and Bamboo Charcoal

Union Minister of State (Independent Charge) Ministry of Science and Technology; Minister of State (Independent Charge) Ministry of Earth Science; MoS PMO, Personnel, Public Grievances, Pensions, Space and Atomic Energy, Dr Jitendra Singh today said, J&K has huge unexplored potential of Agri-tech Start-ups as the geography and climatic conditions here favour the cultivation of medicinal and aromatic plants.

Inaugurating the Start-up summit in Srinagar, Dr Jitendra Singh said, the government job mind-set is proving an impediment to Start-Up culture, mainly in North India. He pointed out that the 'Purple Revolution' originating from Jammu & Kashmir offers attractive StartUp avenues and those who have entered the lavender sector are making a fortune out of it. He said, it is important to take note of some of the exemplary instances of many young entrepreneurs who are seen quitting their lucrative jobs in the MNCs to establish their own

Start-Ups, as these young entrepreneurs are now beginning to realise the possibility of greater fortunes in this. Dr Jitendra Singh pointed out that as Union Minister for DoNER, he had approved three Bamboo Clusters in Jammu, Katra and Samba areas in 2020 for making of Bamboo basketry, Agarbatti and Bamboo Charcoal. He said, the Bamboo products are in great demand both in India and abroad and through Start-ups, the youth can explore huge entrepreneurial opportunities in this sector.

Dr Jitendra Singh gave full credit to the futuristic vision of Prime Minister Narendra Modi who had given a call for "Start-Up India Stand Up India" from the ramparts of Red Fort in his Independence Day address of 2015 that initiated a mass interest, as a result of which the number of Start-Ups in India has increased from mere 350 in 2014 to over 80,000 in 2022 with more than 100 unicorns.

Dr Jitendra Singh informed that the Biotech KISAN Hub has rejuvenated 40 orchards till date under rejuvenation of apple orchards, where a very innovative methodology has been used to transform the old, senile and the young and non-productive orchards into more productive orchards. He said, in J&K too, the new high-density plantation system of apple is taken up by farmers and is being promoted by the Biotech KISAN hub vigorously. The Minister promised full help by DBT and CSIR for setting up of Agritech Start-ups.

The Minister pointed out that a new wave of Agri-tech Start-Ups has emerged in the country in the last few years and these Start-Ups are solving problems related to supply chain management, cooling and refrigeration, seed management and distribution, besides helping farmers to access a wider range of markets. In the next 25 years of Amrti-Kal, said Dr Jitendra Singh, Jammu & Kashmir and several hill territories as well as the Himalayan States are going to make a significant value edition to build India's future economy because these are the territories whose resources have remain under-utilised in the past. With Prime Minister Narendra Modi giving a focussed attention to these areas, they are going to play a pivotal role in placing India on the world pedestal by 2047, he said.

Published in:

[Pib](#)

Manipur to reduce emission with 20 pc E-vehicles

CSIR-IIP, NEIST

09th November, 2022

With the aim and objective of controlling vehicular emission and to encourage electric vehicles, Chief Minister N Biren Singh on Wednesday released 'The Manipur Electric Mobility Policy, 2022' during inauguration of two-day awareness cum workshop on 'Electric Vehicles, Charging Infrastructure and Renewable Hybrid Energy in North East India' at City Convention, Palace Compound, Imphal East.



The programme was jointly organised by the CSIR-IIP Dehradun and the CSIR-NEIST Branch Lab, Lamphelpat in association with the State Transport Department. Speaking on the occasion, CM Biren said the policy was introduced in August to embrace and accelerate the pace of adoption of electric vehicles and the target is to facilitate adoption of at least 20 per cent electric vehicles in the state by 2026.

He said that with the increase of population, the number of vehicles is also increasing as well as vehicle emission and as such EV will be a permanent solution to solve the issue on vehicular emission mostly in the urban areas.

Biren said, new owners of E-vehicles will be given the benefits of incentives under "The Manipur Electric Mobility Policy, 2022" in the form of a waiver of 20-30 per cent in Motor Vehicular Tax at the time of registration. After considering the benefits of electric vehicles, the chief minister said the government will give priority to purchase electric vehicles for the government departments that are going to purchase new vehicles.

Transport Minister Kashim Vashum said the state transport department is signing a memorandum of understanding with CSIR, Dehradun to engage the institute as advisor to Manipur Transport department in electric vehicle related matters.

Vashum said no parking fees will be charged in paid public parking space exclusively for e-vehicles. And to encourage the public on e-vehicles Tata power will be installing charging stations at Imphal city area and along the national and state highways.

He said the state transport department is planning to introduce electric passenger buses in the days to come.

Chairman Tourism Corporation of Manipur and MLA Karam Shyam; Chief Secretary, Rajesh Kumar; Director CSIR-IIP, Dehradun, Anjan Ray; Chief Scientist, HoD, AFLAD, CSIR-IIP Poonam Gupta; Principal Scientist CSIR-IIP, Atul Ranjan; Principal Scientist CSIR-IIP, Robindro Lairenlakpam, additional chief secretary planning, Vumlunmang Vualnam also attended the function as dignitaries.

2-day conference on Plant Sciences begins at CUJ

CSIR-IIIM

09th November, 2022

Two day national conference on promoting Applied Research in Plant Sciences (PARPS – 2022), organized by Department of Botany, Central University of Jammu, was inaugurated at CUJ, here today. Vice-Chancellor of CUJ, Prof Sanjeev Jain was chief guest on the occasion while Prof J P Sharma, Vice Chancellor, Sher-e- Kashmir University of Agricultural Sciences & Technology (SKUAST), Jammu, and Dr C M Seth, Retd PCCF, J&K were the guests of honour.



Speaking on the occasion, Prof J P Sharma highlighted that despite decreasing land and water resources, we have surplus agricultural production. However, post-harvest wastage leads to considerable economic loss and technologies should be developed to reduce these losses which would also lead to farmer prosperity, he added.

Prof Sanjeev Jain emphasised the need to scientifically document, protect and patent our traditional knowledge of plants. He complimented the Department of Botany and its Head Prof B S Bhau for the efforts being made to promote scientific dialogue and community interaction.

Dr C M Seth urged the participants to plan their research in such a way that it can go from 'lab to field', thus contributing towards the GDP of our nation. Earlier, Prof B S Bhau, while giving an overview of the proceedings to follow, reiterated his commitment that at Department of Botany, CUJ research is oriented with the motto 'Think global, Act local'.

Highlight of the occasion was signing of MoU between CUJ and SKUAST-Jammu which would promote faculty and student exchange between the two leading Universities of the region. Dr Vanya Bawa, Convenor PARPS- 2022 gave the vote of thanks.

Invited guests were Prof Felix Bast, Central University of Punjab, Bhatinda; Prof Tuhina Dey and Prof Gurdev Chand, SKUAST-Jammu and Dr Reyazul R Mir, SKUAST-Kashmir and several scientists, academicians, research scholars and students from CUJ, Jammu University, SKUAST-Jammu, CSIR-IIIM, Govt Dept of School Education, Jammu, GDC Paloura. BGSBU, Rajouri.

CSIR-NGRI working on early warning systems in Himalayan States

CSIR-NGRI

09th November, 2022



The scientists in the institute have identified a few locations in the higher reaches of Uttarakhand for “densification” of seismometers and river gauges to take the total number to 100 from 60.

The National Geophysical Research Institute (NGRI) of the Council of Scientific and Industrial Research has begun field studies to put in place an early-warning system in the Himalayan States against major and sudden floods, rockslides, landslips, glacier lake bursts and avalanches and to prevent Chamoli kind of disasters in future.

“Right now, we are able to detect the major events through geophysical and seismological observations, but are yet to demonstrate the minimum threshold or the maximum distance from which we can give an early warning of natural disasters, which are 10 times less intense than what happened at Chamoli, with the help of various instruments. Our scientists are working on those systems,” NGRI Director V.M. Tiwari said.

The scientists in the institute have identified a few locations in the higher reaches of Uttarakhand for “densification” of seismometers and river gauges to take the total number to

100 from 60. The objective is to closely monitor the river flows in specific areas along the catchment to detect any sudden rise in water levels or flooding threshold that can lead to a hazard. “A 5 cm of rainfall or a glacier melt may not be hazardous, but if there is a heavy rockfall or sudden lake burst, there could be massive flooding. What is the minimal level of time required and distance from which an early warning can be given will be assessed after discussions with the various stakeholders,” Mr. Tiwari said in an exclusive interaction.

Scientists have decided to take cognisance of the vibrations or “noise” recorded by the seismometers, which need not be due to earthquakes but can also be because of vehicular traffic, animal movement, rain, river flows and so on.

These instruments are crucial for the safety of large infrastructure projects and hydroelectric power plants in this region. Currently, scientists are able to detect and assess a sudden flow 30-40 km away since the seismic wave is faster than the flow, and hence, the advance warning comes at least half an hour before.

The NGRI has started utilising Machine Learning to detect these observations faster than the normal approach because time becomes crucial during a warning, he said.

The challenge is to sustain these observations in higher altitudes as communication of real data is a problem due to heavy snow cover and lack of mobile towers.

“We are working on cost-effective measures. Although our instruments can withstand minus-20 degrees Celsius, they need fuel cells when there is no sunlight. We are going to start in a modest manner in Uttarakhand and parts of Arunachal Pradesh,” Mr. Tiwari said.

Atal Incubation Centre-CCMB Honours Instashield with 'Products Lift off by Startups' Award

CSIR-CCMB

08th November, 2022

Instashield, a health and wellness startup was recently honored with 'Products Lift off by Startups' Award by Atal Incubation Centre-Centre for Cellular and Molecular Biology (CCMB). The award was given by Padmabhushan Shri Dr. T. Ramasami Former Secretary, Department of Science & Technology in Hyderabad. The ceremony was organized to celebrate 5 years of Atal Incubation Centre and recognized companies who have done exceptionally well in the field of technology.



The event saw the presence of renowned names such as Dr. Vinay K. Nandicoori, Director, CSIR-CCMB, Dr. Rakesh Mishra, Director, TIGS & Former Director, CSIR-CCMB, Shri Jayesh Ranjan, IAS, Principal Secretary, I&C and IT Dept, Govt. of Telangana Dr. H.K. Mittal, Chairman, SISFS & Former Head, NSTEDB Dr. Chintan Vaishnav MD, AIM-Niti Aayog and Smt. Deepanwita Chattopadhyay, Chairman & CEO, IKP.

Hitesh M Patel, Promoter & Director and C.S. Jadhav, CEO of Instashield were elated to receive this award for creating an outstanding tech product, which works on negative ion technology. This technology is known for its benefits such as reducing symptoms of depression, regulating sleep patterns and mood, boosting the immune system and improving cognitive performance. Instashield, the product created by Hitesh's skilled and innovative team has a unique feature of eliminating all sorts of viruses including the SARS COV19 by 99.9% efficacy as well.

Hitesh M Patel, Promoter & Director, Instashield, said, “Receiving an award Atal Incubation Centre is an honour and one of the biggest achievements till date. We are glad to have received this award at the 5 anniversary of the Centre. This award brings to us a responsibility and motivation to work even better and come up with more innovations in future.”

In the past also, Instashield has received several awards such as Most Innovative Corona Protection Device GEA 2022 Award, Innovative Start-up of the Year Award by Icons of Asia 2022, KCCI Award for Innovative Anti-Virus Corona Protection Device of the Year and WCDM-DRR Award.

International seminar on bamboo concludes

CSIR-NEIST

08th November, 2022

The two-day international seminar on "Bamboo plantation, hardening bamboo and bamboo as earthquake proof materials for construction" concluded on Tuesday at Classic Grande Hotel, Chingmeirong.

The seminar was organised by Manipur University, CSIR-NEIST, Lamphelpat and Apunba Imagi Machasing (AIMS), Manipur and supported by Babina Healthcare & Hospitality Industries Pvt. Ltd., Public Works department and Manipur State Bamboo Mission.

During the two-day discourse, several resource persons from different parts of the globe spoke on various aspects of Bamboo Plantation, Hardening & Bamboo as Earthquake Proof Materials for Construction.

The hybrid seminar in which both online and offline presentation were made include talks from Dr Jean-Luc Kouyoumji from France, Prof Aung Myint from Myanmar, Dr Marc Alfons M Peeters from Indonesia, Dr Guilherme Korte from Brazil, Prof Yutaka Agatsuma from Japan and some from Manipur and other states.

Cultural activist Thokchom Thoiba deliberated on 'Meetei traditional ways of bamboo harvesting, treatment and usage', as BIS Architecture LLP Manipur principal architect Bonil Irengbam talked on 'Bamboo-Nizing Megastructures' and Dr Khuraijam Bijoykumar Singh of Special Centre for the Study of North East India, Jawaharlal Nehru University, New Delhi on 'Bamboo and Food (In) Security in Mizo Society of North East India'.

Meanwhile, Samir Jamatia, who is a bamboo technologist and also a working member of National Bamboo Development Document under NITI Aayog, presented a talk on 'Bamboo Logistics', through zoom meeting.

Central Agricultural University, Imphal dean of College of Food Technology Prof (Dr) Ng Iboyaima Singh talked about Good Management Practices for Bamboo Cultivation whereas MU Life Science lecturer Dr Thangjam Robert Singh explained on Application of Plant Tissue Culture Technique in Mass Production of Bamboo.

The seminar brought about the importance of a collective movement for protection and mass plantation of bamboo plants.

Various recommendations were made during the seminar which includes setting up of live gene banks for bamboo, collaboration on innovative ideas, treatment, harvesting and different products of bamboo among different bodies of the world.

A group has also been formed for knowledge sorting and mapping of bamboo resources. The group will look for further collaborative research and entrepreneurship in the field. The whole programme was live-streamed on Youtube, Facebook and Zoom.

Institute of Cooperative Management (ICM) Guwahati director Dr Kharibam Somorendro attended the valedictory session as chief guest.

JKTPO organizes session on export awareness, capacity building at Udhampur

CSIR-IIIM

07th November, 2022

Jammu and Kashmir Trade Promotion Organization (JKTPO) today organized export awareness workshop in association with Agricultural and Processed Food Products Export Development Authority (APEDA), Directorate General of Foreign Trade (DGFT), Federation of Indian Export Organisations (FIEO), Export Credit Guarantee Corporation of India Ltd (ECGC), State Bank of India (SBI) and Council of Scientific Research, Indian Institute of Integrative Medicine (CSIR-IIIM Jammu) at Udhampur.



The workshop is in continuation to the planned events to be held across the UT to promote exports from all districts of Jammu and Kashmir under District as Export Hub Scheme/ODOP initiative. Besides, Export Awareness Workshops at district level aims to boost and support exports from J&K and with focus on developing each district as export hub under District as Export Hub/ODOP initiatives.

The workshop also focused on potential of ODOP products and other potential products of Udhampur district including Garlic, Aromatic Oils, etc. The workshop included detailed sessions on benefits of exports, process of getting IEC code, awareness regarding India Business Portal and India Trade portal, credit linkages for exports and credit risk insurance facilities and potential of products of region in international market. Pankaj Kumar Anand, General Manager, Udhampur addressed the gathering informing about major products from Udhampur which have potential for exports and highlighted the importance of fine tuning and finishing of products. He also emphasized about the importance of proper branding to

make the products export ready. Kausar Fatima, Business Development Manager, APEDA, Jammu, started the session with a brief introduction about APEDA and with a focus to take local agricultural and allied products of Udhampur to global market. Special focus was on aromatic plants, garlic and other local products of district which has a huge export potential and has currently in huge demand in international market. She also mentioned that garlic based processed products such as garlic powder, garlic granules has a lot of untapped potential.

AK Bhushan, Deputy DGFT, Jammu conducted the session on introduction of various government scheme for export and documentation required for IEC registration. Introduction to Indian Business Portal and Indian Trade portal was delivered by Gaurav Gupta, Assistant Director FIEO. He also discussed ways to cater to the international demand of products through the local suppliers of Udhampur.

The participants were informed about Credit Facilities, Hedging Benefits and Trading by the customer on FX-Retail Platform by Chirag, Manager (Regional Treasury Marketing Unit), State Bank of India, Delhi. He explained about various competitive loan products on offer from SBI for exporters. Debi Prasad, Executive Officer, ECGC Srinagar gave details about Credit Risk Insurance and related services for exports.

Dr Sumeet Gairola, Principal Scientist, CSIR - Indian Institute of Integrative Medicine gave a brief Introduction to Aroma Mission and importance of Testing for Aromatic Plants. He emphasized that Udhampur has a lot of potential in aromatic plants such as Lemon Grass and Lavender which has a huge local and international demand. Chief Planning Officer, Mudassar Yakooob Zargar, closed the session by conveying the message of Deputy Commissioner Udhampur stating that the export awareness workshop was very planned interactive session which cover all the major aspects for exports, right from documents required to get IEC Code, market linkages, financial and insurance assistance. He added that more such workshop should be organized at district level on continuous basis.

Published in:

[Earlytimes](#)

CSIR-NGRI

04th November, 2022

The secret of hot water lakes in Himalayas to be revealed.

తేలనున్న వేడి నీటి సరస్సుల గుట్టు

ఈనాడు, హైదరాబాద్

భూ గర్భ జానిజాలు, నీటి జాడల అన్వేషణను జాతీయ భూభౌతిక పరిశోధన సంస్థ(ఎన్జీఆర్ఐ) మరింత సులభతరం చేసింది. భూమి లోపల మార్పులను అధ్యయనం చేసేందుకు పూర్తి స్వదేశీ సాంకేతికతతో అభివృద్ధి చేసిన డ్రోన్ ఆధారిత భూభౌతిక సాంకేతికతను వినియోగిస్తుంది. వీటి సహాయంతో తొలిసారి లేహ్ లద్దాఖ్ సెక్టార్లో డ్రోన్ మ్యాగ్నటిక్ సర్వేని ఎన్జీఆర్ఐ విజయవంతంగా చేపట్టింది. దీని వల్ల సమయం ఆదాతో పాటు మారుమూల ప్రాంతాలు, కొండల్లో సైతం అధ్యయనాలు వేగంగా చేసేందుకు ఉపకరిస్తుందని ఎన్జీఆర్ఐ శాస్త్రవేత్తలు చెబుతున్నారు.

కచ్చితమైన సమాచారం :



లేహ్ లద్దాఖ్లో డ్రోన్ ఆధారిత మాగ్నటిక్ సర్వే

భూగర్భంలో నీటి జాడలు, జానిజాలు, భూకంప కేంద్రాలను గుర్తించేందుకు పరిశోధకులు అయస్కాంత సర్వేలు నిర్వహిస్తుంటారు. పర్యట ప్రాంతాల్లో ఈ సర్వేలు కష్టసాధ్యం. వీటికి పరి

హిమాలయాల్లో డ్రోన్తో ఎన్జీఆర్ఐ శాస్త్రవేత్తల సర్వే

ష్కారంగా తక్కువ వ్యయంతో డ్రోన్-మాసవ రహిత వైమానిక వాహనం(యూఏవీ)ను ఎన్జీఆర్ఐ అభివృద్ధి చేసింది. పూర్తి స్వదేశీ సాంకేతికతతో మొట్టమొదటి సారి ప్రయోగాత్మకంగా హైదరాబాద్ శివారు యాచారంలో

డ్రోన్తో సూక్ష్మ అయస్కాంత సెన్సార్ల ద్వారా సర్వే చేశారు. కచ్చితమైన సమాచారం రావడంతో బెంగళూరులోని నేషనల్ ఏరోస్పేస్ ల్యాబ్ రేటర్(ఎన్ఎల్) తోడ్పాటుతో లేహ్ లద్దాఖ్ సెక్టార్లో సర్వే నిర్వహించారు. సముద్రమట్టానికి 3,600 మీటర్ల ఎత్తులో, దీకరమైన శీతల గాలులను తట్టుకొని డ్రోన్ గాల్లో ఎగురుతూ సమాచారాన్ని సేకరించింది.

లేహ్లోనే ఎందుకు..

హిమాలయాల్లో పలుచోట్ల వేడి నీటి సరస్సులు ఉన్నాయి. ఎక్కడి నుంచి ఈ వేడి నీళ్లు వస్తున్నాయి? అనేది అంతు చిక్కకుండా ఉంది. డ్రోన్ సాంకేతికత అందుబాటులోకి రావడంతో మొదటిసారి వీటి గుట్టు తెలుసుకొనేందుకు మ్యాగ్నటిక్

సర్వే చేపట్టారు. విదేశాల్లో ఇలాంటి సరస్సుల వద్ద విద్యుత్తు ఉత్పత్తి చేస్తున్నారు. హిమాలయాల్లోనూ అందుకు ఉన్న అవకాశాలు తెలుసుకొనేందుకు ఈ సర్వే ఉపకరిస్తుందని ఎన్జీఆర్ఐ శాస్త్రవేత్త తెలిపారు. సర్వే విజయవంతంగా నిర్వహించామని ఎన్జీఆర్ఐ డైరెక్టర్ వి.ఎం.తివారీ తెలిపారు.

CSIR-NGRI

03rd November, 2022

The two-day National Symposium was inaugurated at the OU College of Science



Tarnaka; Media Express; The first day of the two-day National Symposium on current scenario of Advanced Elements and Fuel, organized under the joint patronage of the Indian Society of Applied Geochemists (ISAG) - Department of Applied Geochemistry, started on Tuesday at the College of Science, Osmania University. Conference Convener, Head of Department of Applied Geochemistry Prof Principal of Science College under B

Srinivas Prof Presided over by B Veeraiah NGRI Director Dr V M Tiwari, GSI Deputy Director General Dr SN Mahapatro, ISAG Executive President, Secretary KK Dwivedi, K Surya Prakash Rao, ISAG President Yamuna Singh, Co-Convenor Dr Srinivas Sharma, Treasurer Dr A Ravikumar was present. Speaking on the occasion, the Chief Guests stated that today's society is in dire need of basic elements and fuel, It was pointed out to the stu-

dents that there is a need to do new research that is necessary for today's society. He also said that the earth science students of Osmania University will be supported by NGRI, CSIR lab, GSI for any kind of assistance they need. Former Principal of Science College Prof. V. Sudarshan, Prof. B. Rajeswara Reddy, Prof. UVB Reddy, Prof. Praveen Raj Saxena, Dr M Ramana Kumar, heads of various departments, research students participated

CSIR-NGRI

ఈనాడు

Jigyasa Program

శాస్త్రీయ దృక్పథాన్ని పెంపొందించాలి

హబ్బిగూడ,
న్యూస్ టుడే:
వైజ్ఞానిక పారిశ్రా
మిక పరిశోధన
మండలి, ఆటల్
ఇన్స్టిట్యూట్
మిషన్ (నీతి



కార్యక్రమానికి హాజరైన విద్యార్థులు

ఆయోగ్) ఉమ్మడిగా 'జిగ్యాసా స్టూడెంట్స్-సైంటిస్ట్ కనెక్ట్ ప్రోగ్రాం', భౌతిక ప్రయోగశాల సందర్శనను విద్యార్థులకు ఎన్జీఆర్ఐవలో ఆగస్టు 30న నిర్వహించారు. ప్రపంచ యువ వైజ్ఞానిక దినోత్సవంలో భాగంగా హైదరాబాద్ హబ్బిగూడలోని జాతీయ భూభౌతిక పరిశోధన సంస్థ(ఎన్జీఆర్ఐవ)లోని ప్రయోగ శాస్త్రవేత్తలు, విద్యార్థులతో ఇంటరాక్టివ్ ప్రోగ్రాంను ఏర్పాటు చేశారు. భూకంపాలు, వాటి రికార్డింగ్, భూగర్భ జల అధ్యాయాలు, రాక్ మ్యూజియంను విద్యార్థులు ఆసక్తిగా చూశారు. వారి సందేహాలను శాస్త్రవేత్తలు నివృత్తి చేశారు. విద్యార్థులలో శాస్త్రీయ దృక్పథాన్ని పెంపొందించేందుకు పరిశోధనలు దోహదపడతాయని ఎన్జీఆర్ఐవ డైరెక్టర్ డా.వీఎం తివారి, డా.తన్వీ, డా. సందీప్ గుప్తా పేర్కొన్నారు. డా.విజయ్ కుమార్, డా.విజయరాఘవన్, డా. పాయల్ రాణి తదితరులు పాల్గొన్నారు.

कार्यशाला

15 दिवसीय कार्यशाला में सेमिकंडक्टर डिवाइस फैब्रिकेशन पर दिया जाएगा उच्च स्तरीय प्रशिक्षण

सीएसआईआर-सीरी में डीएसटी - एसईआरबी कार्यशाला का शुभारंभ

पिलानी (सीमा सन्देश सं.)। भारत सरकार के विज्ञान तथा प्रौद्योगिकी विभाग के अंतर्गत विज्ञान एवं अभियांत्रिकी अनुसंधान बोर्ड (सर्व) के सौजन्य से सीएसआईआर-सीरी, पिलानी में मंगलवार को एसआईएस सीरी पिलानी के निदेशक डॉ पी सी पंचारिया कि अध्यक्षता में उच्च स्तरीय कार्यशाला का शुभारंभ किया गया। संस्थान के हिंदी भाषा अधिकारी एवं जनसंपर्क अधिकारी रमेश बौरा ने बताया कि कार्यशाला में देशभर के विभिन्न शिक्षण संस्थानों से एम टेक एवं पी एच डी कर रहे कुल 25 प्रतिभागियों का चयन किया गया है। इस प्रशिक्षण कार्यशाला में इन प्रशिक्षार्थियों को च्सेमिकंडक्टर डिवाइस फैब्रिकेशन विषय पर विद्वान



वैज्ञानिकों, प्रौद्योगिकीविदों, एंड इंजीनियरिंग रिसर्च बोर्ड एसईआरबी) द्वारा प्रायोजित किया जा रहा है। कार्यक्रम का शुभारंभ परंपरागत रूप से सरस्वती वंदना से हुआ। कार्यशाला के उद्घाटन सत्र की अध्यक्षता सीएसआईआर-सीरी के निदेशक डॉ पी सी पंचारिया ने की। विदित है कि सीएसआईआर-सीरी ने सेमिकंडक्टर इलेक्ट्रॉनिक्स के क्षेत्र

में अनेक उल्लेखनीय उपलब्धियां अर्जित की हैं और संस्थान में सेमिकंडक्टर्स की विशेषज्ञ जनशक्ति और अत्याधुनिक शोध सुविधाएं भी उपलब्ध हैं। इसीलिए डीएसटी द्वारा संस्थान को इस उच्च स्तरीय प्रशिक्षण के लिए चुना गया है। इस कार्यशाला का मुख्य उद्देश्य एम टेक एवं पीएचडी शोध छात्रों को सेमिकंडक्टर डिवाइस फैब्रिकेशन पर विषय केन्द्रित व्याख्यान एवं प्रशिक्षण देते हुए उन्हें इस विषय की अत्याधुनिक जानकारी देते हुए देश के लिए नवीन विशेषज्ञ तैयार करना है। कार्यक्रम के अध्यक्षता कर रहे मुख्य वक्ता डॉ पी सी पंचारिया, निदेशक, सीएसआईआर-सीरी ने सभी अतिथियों, संकाय सदस्यों व प्रतिभागियों का औपचारिक स्वागत किया। इस अवसर पर

उन्होंने सभी अतिथियों व प्रतिभागियों को देश में सीरी सहित सीएसआईआर प्रयोगशालाओं की स्थापना की पृष्ठभूमि सहित संस्थान के प्रमुख शोध क्षेत्रों से अवगत कराया।

उन्होंने देश में अंतर्विधात्मक (इंटरडिसिप्लिनरी) शोध की आवश्यकता पर बल देते हुए कहा कि कोई भी प्रौद्योगिकी अकेले सफलता प्राप्त नहीं कर सकती बल्कि एक पूर्ण उत्पाद के रूप में सामने आने के लिए विज्ञान एवं प्रौद्योगिकी की एक से अधिक शाखाओं को साथ मिलकर कार्य करना पड़ता है।

इसके लिए उन्होंने संस्थान की शोध गतिविधियों का उदाहरण भी दिया। उन्होंने कहा कि देश में सेमिकंडक्टर क्रांति की शुरुआत हो चुकी है।

Please Follow/Subscribe CSIR Social Media Handles



[CSIR INDIA](https://www.youtube.com/CSIRINDIA)



[CSIR_IND](https://twitter.com/CSIR_IND)



[CSIR India](https://www.facebook.com/CSIRIndia)



[CSIR India](https://www.linkedin.com/company/CSIR-India)



[csirindia](https://www.instagram.com/csirindia)