Department of Biotechnology

आजादी का अमृत महोत्सव ||75th Anniversary of Indian Independence

Title of the event: Nanotechnology: Bridging Sciences

Name of the organizer:DBT-ILS

Date and Time:3rd August, 2021 – 3:00 PM

URL/Registration link (in case of virtual event):
https://global.gotomeeting.com/join/526830981

Venue (in case of physical event):DBT-ILS, Bhubaneswar

Brief background/purpose of the event:

The sixth event in the series of "Science Setu" is based on the theme of Nanotechnology and related advances. The event had three speakers who talked to the students on the contribution of nanotechnology in different disciplines of science. The three speakers for this session are Dr B.K Jena, CSIR-IMMT, Dr SanjeebSahoo, DBT-ILS and Dr. Mamoni Dash, DBT-ILS.

Expected Participants/List of Participants:

SAC, Cuttack, JBASC, Chennai, WCC, Chennai, VCW, Erode, SGVGCW, Udumalpet, KSRCT, Tircichengode,MCAS, Namakkal, NGPASC, Coimbatore, HCAS,Coimbatore,GNC, Chennai,CTBCACS, Pune,GNCASC,Mumbai,PSGCAS, Coimbatore.

How is the event linked to AzadikaAmritMahotsav:

The event is indicative of creating awareness in the field of Nanotechnology through highlighting the interventions and innovations by nanoscience, thus contributing to "**विज्ञान से विकास-प्रौद्योगिकी से प्रगति**"

Potential/Expected Impact:

The audience who are mostly graduate students were updated on the most advanced developments in the field. They can benefit from a free interactive session with eminent scientists who are experts in their respective researchdomains of nanotechnology.

Department of Biotechnology

आजादी का अमृत महोत्सव ||75th Anniversary of Indian Independence

Title of the event: ID 75 Webinar Series

Name of the organizer: Regional Centre for Biotechnology

Brief background/purpose of the event:

As a part of Science Setu and to commemorate 75th Year of Indian Independence, RCB organized a webinar event where the life and works of eminent Indian scientists who have made a difference to science and lives of people, and who have furthered science to its current glory in India and around the world is being showcased.
Besides, keeping in mind the exciting scientific talks and an enthusiastic participation from students, faculty and others in the first round of 'RCB Contemporary Webinar Series' a second round/ season 2 of this webinar series has been announced, which will be held also to commemorate India's 75 years of Independence. Similar to the previous round, we will have the webinars every week on Fridays.

As a part of this webinar series, presentations are regularly delivered through RCB's YouTube channel.

S.No.	Start Date	End Date	Theme/ Subject	Activity Details*	Venue
1	05.08.2021	05.08.2021	Webinar on 'Biological and Therapeutic Insights from Oral and Lung Cancer Genome Analysis'	To be delivered by: Dr. Amit Dutt, Scientist-G, Tata Memorial Centre, ACTREC, Navi Mumbai	Presentations delivered through RCB's YouTube channel

*'विज्ञान से विकास-प्रौद्योगिकी से प्रगति' Celebrating the Glory of Indian Science: Showcasing the Life and Works of Eminent Indian Scientists.

Such events will also be planned further till August 2022 and will be communicated in due course.

Expected Participants/List of Participants: ~ 200

COMMEMORATING 75 YEARS OF INDEPENDENCE

Azadi Ka Amrit Mahotsav

DEPARTMENT OF BIOTECHNOLOGY
Government of India

FARMERS' TRAINING PROGRAMME ON **PROTECTED CULTIVATION OF HIGH VALUE OFF SEASON VEGETABLES WITH FOCUS ON GAP BASED PRODUCTION TECHNOLOGY**

5-16 August, 2021 :: 10:30-11:30 AM

Organized by:

Biotech-KISAN Hub
Assam Agricultural University

dbtindia.gov.in /dbtIndia @dbtIndia @dbtIndia

Department of Biotechnology

आजादी का अमृत महोत्सव ||75th Anniversary of Indian Independence

Title of the event: Farmers' training programme on "Protected Cultivation of High Value Off Season Vegetables with Focus on GAP Based Production Technology"

Name of the organizer: Assam Agricultural University

Date and Time: 5-16 August, 2021 (10.30 AM – 11.30 AM) (Excluding August 8 & 15, being holidays)

URL/Registration link (in case of virtual event):
meet.google.com/mxa-okmj-hyp

Venue (in case of physical event): NA

Brief background/purpose of the event:

The state of Assam is a high vegetable consuming state, with the per capita consumption higher than the national average. Vegetables, both conventional and indigenous, have high market demand and acceptability. Despite this, vegetable cultivators of the state have not yet been able to reap profits from commercial vegetable cultivation to the extent desired. This is on account of several factors such as lack of technical knowhow, inability to understand market dynamics, market glut during peak season, lower technology penetration etc. To address some of these issues, the present capacity building programme has been designed to facilitate higher profitability for vegetable farmers through protected cultivation technology, high value vegetable commodity& cropping sequence selection and off season production for higher returns, keeping in mind the parameters of productivity, quality and sustainability.

Expected Participants/List of Participants:

Altogether 55 (fifty five)vegetable farmers from eight districts of Assam will be joining the virtual training programme, with the active involvement of partner institutes of DBT Biotech KISAN Hub (including Aspirational District programme) under Assam Agricultural University. The participant composition would be as under:

Nalbari district: 5 farmers
KarbiAnglong district: 10 farmers
Goalpara district: 10 farmers
Udalguri district: 10 farmers
Dhubri district: 5 farmers
Kamrup district: 5 farmers
Darrang district: 5 farmers
Morigaon district: 5 farmers

How is the event linked to Azadi ka Amrit Mahotsav:

Having traversed 75 years of independent existence, the year 2021 symbolises the undying and fighting spirit of our nation, making significant inroads in all spheres of development despite adversities. From a country steeped in poverty at the time of independence, when foodgrains had to be imported to feed our hungry millions, we have not only come a long way to achieve food self-sufficiency, but have also ensured that our citizens are empowered. The changes brought in during the past 75 years have been evident – from quantity to quality, from subsistence to commercial and from development to empowerment.

The present capacity building programme on "Protected Cultivation of High Value Off Season Vegetables with Focus on GAP Based Production Technology" echoes the same spirit of an independent and vibrant India that strives towards growth with tools of science and technology, ensuring stable and sustained incomes for its farming fraternity and inculcate relevant knowledge and usable skills that would lead to empowerment. The event would also contribute to the larger vision of self-reliant or *Atmanirbhar* India.

Potential/Expected Impact:

The expected impacts of the event/intervention can be envisaged as under:

- Grafting relevant knowledge and skills to practising vegetable growers of the state in order to facilitate the remunerative and sustainable scientific production and management of vegetables.
- Round the year production owing to protected cultivation technology, leading to round the year income.
- Higher returns and profits to farmers on account of better market qualityand off season marketing.
- Stimulating interest among farmers for adoption of protected cultivation technology for vegetable production.

Department of Biotechnology

आजादी का अमृतमहोत्सव ||75th Anniversary of Indian Independence

Title of the event: Lab2 Market Campaign

Name of the organizer: BIRAC

Date and Time: Weekly basis

URL/Registration link (in case of virtual event):

Venue (in case of physical event): Social Media-BIRAC Twitter and Facebook Handle

Brief background/purpose of the event:

Several customized and uniquely positioned initiatives of BIRAC have helped recognize a growing number of the Biotech Entrepreneurship Start-ups & over 165 commercially deployed products. The idea is to initiate a campaign to promote and inspire conversation around the BIRAC supported innovations on the social media platform.

@BIRAC_2012 supported innovation GOassure is an IOT enabled fully automated hand hygiene device that digitalizes the hand hygiene process. It ensures that the users perform hand hygiene as per the WHO recommended six step of hand hygiene and notify the variation to the authorities.#AzadiKaAmritMahotsav #IndiaAt75

@DBTIndia @Drrenuswarup @bhalla_anju

How is the event linked to Azadi ka Amrit Mahotsav?

The event has an overarching tagline **विज्ञान से विकास-प्रौद्योगिकी से प्रगति** under the theme *सशक्त भारत.* All these supported innovations are Make in India innovations that aim to strengthen the Atma Nirbhar Bharat initiative.

Potential/Expected Impact:

Outreach of BIRAC supported innovations to the social media audience to make people aware about the innovations that can be helpful to their day to day lives. BIRAC's efforts have resulted in significant changes in the landscape of the Indian biotechnology sector.

-

Department of Biotechnology

आजादी का अमृत महोत्सव ||75th Anniversary of Indian Independence

Science Setu

Title of the event: *How does the skin heal wounds*

Speaker: Colin Jamora, DBT inStem

Name of the organizer: inStem, Bengaluru

Date and Time: Saturday August 07, 2021, 10-11AM

URL/Registration link (in case of virtual event): By registration only for UG and PG colleges

Venue (in case of physical event): N/A

Brief background/purpose of the event:

The Science Setu Programme at inStem entitled "Discovering Possibilities" is an effort to create awareness about the importance of science in our lives and encourage the participation of young college students and their teachers in the area of Biology. Through setting up engagements with practitioners of science, this programme aims to provide a view to the excitement and numerous opportunities arising from a career in science.

Each webinar covers a topic in a manner accessible to college students and apart from contemporary cutting-edge research, involves colleagues who have faced challenges and success in allied areas such as science journalism, publishing, communications, history of science, as well engagements with students and interns from our laboratories. The programme will include interactions with established leaders in Industry as well as innovators and heads of technical hubs in the city and beyond.
Contact email: sciencesetu@instem.res.in

Expected Participants/List of Participants:

UG and PG students from Bangalore: St Joseph's; Maharani's Science College for Women, Mount Carmel College Autonomous, Indian Academy Degree College, Kristu Jayanti College, Sri DharmasthalaManjunatheshwara College,
Mangalore: St. Aloysius College;
Gadag: Bipin Chikkatti Degree College, Gadag
Kollam, St. John's College, Kollam, Anchal Kerala;
Chennai: Sri Ramachandra Institute of Higher Education &Research: Undergraduate college and Medical School students.

How is the event linked to Azadi ka Amrit Mahotsav:

The talk showcases research conducted in the laboratories in inStem and other research spaces in India. It covers a topical and relevant area of wound healing.It will highlight the

progress and advances laboratories in India have made in the area collectively, over preceding decades and the current contemporary approaches we are taking to address questions.

Potential/Expected Impact:

We hope to build sustained interactions with participating colleges and partner with them in nurturing the growth of students curious about possibilities in science as well foster career advancement of exceptional students who would like to venture into science as a career. We also propose to participate in teaching in interested colleges, provide opportunities for students to visit our laboratories, be selected for internships (when safe) and also take part in debates and competitions in biological science and related areas.

Department of Biotechnology

आजादी का अमृत महोत्सव ||75th Anniversary of Indian Independence

Science Setu

Title of the event: Applications of phytopharmaceuticals in human life

Name of the organizer:DBT-Rajiv Gandhi Centre for Biotechnology (DBT-RGCB), Thiruvananthapuram

Date and Time: Friday 6th August 2021 ; 4.00 PM

URL link: https://global.gotomeeting.com/join/904162925

Brief background/purpose of the event:

Historical sources indicated that that the use of medicinal plants goes way back to the Bronze age of human civilization Phytopharmaceuticals are the molecules or medicines derived exclusively from a whole plant or parts of plants. The estimated global market for herbal medicines by 2023 will be worth USD 110 Billion. In this talk the various aspects of phytopharmaceuticals will be discussed with respect to inflammation and cancer.

Expected Participants/List of Participants:

People from all sectors of society including students from DBT Star Colleges.

How is the event linked to Azadi ka Amrit Mahotsav:

Azadi ka Amrit Mahotsav is an embodiment of all that is progressive about India, covering the development of phytopharmaceuticals.

Potential/Expected Impact:

This platform will help to strengthen the awareness of the common people and students towards the development of phyto-pharmaceuticals.

Inauguration of
"Science Museum"

Chandel, Aspirational District, Manipur, India

Maha Union Govt. Higher Secondary School

August 11, 2021 **11:00 am onwards**

To celebrate and commemorate 75 years of Independence of India as a part of the occasion on the basis of Jan-Bhagidari

INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT (IBSD)

Department of Biotechnology (DBT), Govt. of India

Takyelpat, Imphal 795001, Manipur, India

www.ibsd.gov.in

Inauguration of

Science Museum

Developed by

Institute of Bioresources and Sustainable Development (IBSD), Imphal

At

Chandel, Aspirational District of Manipur, India

Maha Union Govt. Higher Secondary School

August 11, 2021 11:00 AM onwards

PROGRAM SCHEDULE

Welcome address by: (11:00 - 11:10 AM)

Prof. Pulok K Mukherjee
Director
Institute of Bioresources and Sustainable Development, Imphal, Manipur, India

Address by:

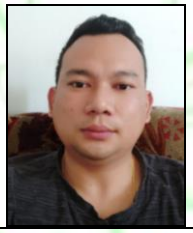
Dr. Renu Swarup
Secretary
Dept. of Biotechnology, Govt. of India
New Delhi
(11:10 - 11:25 AM)

Dr. R K Ranjan Singh
Hon'ble Minister of State for
External Affairs and Education,
Govt. of India
(11:25 – 11:35 AM)

Dr. Thirumalachari Ramasami
Former Secretary
Department of Science and
Technology, Govt. of India
(11:35 - 11:45 AM)

Sh. Rajkumar Mayanglambam, IAS
Deputy Commissioner
Chandel District, Manipur
(11:45- 11:55 AM)

Sh. Ksh. Siddharth, McS
Additional Deputy Commissioner
Chandel District, Manipur
(11:55 AM – 12:05 PM)



Sh. N. Pritam, McS
Sub Divisional Officer
Chandel District, Manipur
(12:05 – 12:15 PM)

Sh. Warson Anal
Principal
Maha Union Govt.
Higher Secondary School,
Chandel, Manipur, India
(12:15 – 12:25 PM)

Sh. Nitin Gupta
Commandant,
182 Battalion,
Border Security Forces
Govt. of India
(12:25 – 12:35 PM)

Dr. Anamika Gambhir
Scientist F
Dept. of Biotechnology,
Govt. of India, New Delhi &
Coordinator
IBSD, Imphal, India
(12:35 – 12:45 PM)

Dr. Manoj K Modi
Scientist-E
Dept. of Biotechnology, Govt. of India, New Delhi &
Nodal Officer
IBSD, Imphal, India
(12:45 – 12:55 PM)

Vote of thanks by:

Dr. Pardeep Bhardwaj
Coordinator & Scientist
Institute of Bioresources and Sustainable Development (IBSD),
Imphal, India
(12:55 -01:00 PM)

Dr. Nanaocha Sharma
Coordinator & Scientist
Institute of Bioresources and Sustainable Development (IBSD)
Imphal, India

Prof. Pulok Kumar Mukherjee
Director
Institute of Bioresources and Sustainable Development (IBSD)
Imphal, Manipur, India

We cordially invite all of you to join the event

Event link:
https://ibsd.webex.com/ibsd/j.php?MTID=m016eb10bae767eee46df781d58656430

Proposed ‘Science Museum’ in Chandel, Aspirational District of Manipur

Institute of Bioresources and Sustainable Development (IBSD), Imphal

जैव संसाधन एवं स्थायी विकास संस्थान, इंफाल

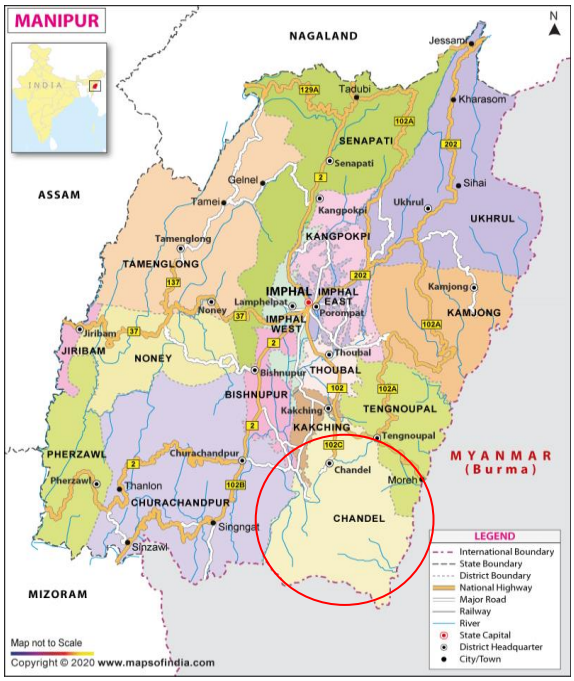
(Department of Biotechnology, Ministry of Science & Technology, Govt. of India)

Takyelpat, Imphal 795001, India

Science Museums in Aspirational Districts: Chandel District, Manipur

Chandel Aspirational District:

To commemorate the 75 years of Independence as a part of the occasion on the basis of Jan-Bhagidari, Institute of Bioresources and Sustainable Development (IBSD) is setting up a 'Science Museum' in Chandel District of Manipur which will be adopted by IBSD as Aspirational District of Manipur.



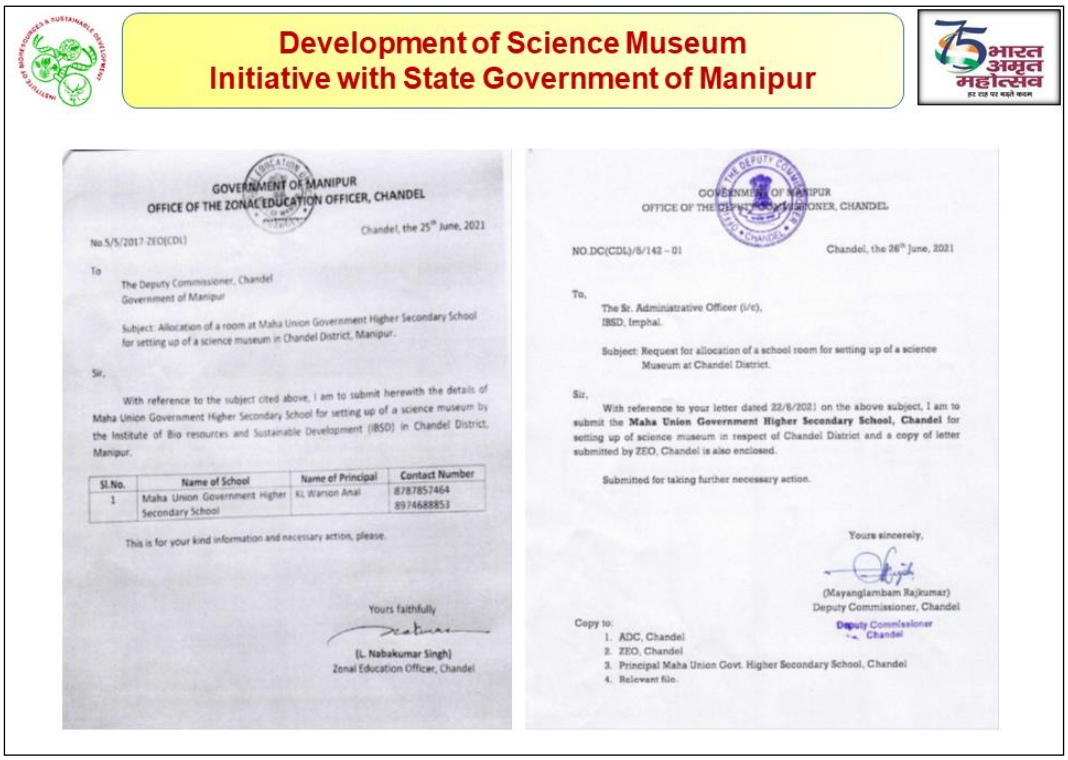
Manipur have 16 districts. Among them, Chandel District came into existence on May 13, 1974. The District lies in the south-eastern part of Manipur at 24o40′ N Latitude and 93o50′ E Longitude. It is the border district of the state with an area of 2,100 sq. km neighboring with Myanmar (Burma) on the south and east, Ukhrul district on the north, Churachandpur district on the south and west, and Thoubal district on the north. It is about 64 km. away from Imphal. The National Highway No. 39 passes through this district. The district is inhabited by several communities with about 20 different tribes. The Moreh town, the international trade centers of the state, lies on the southernmost part of the district. When the Trans-Asian Super Highway comes into existence, Chandel district will be one of the gateways to the Asian countries.

Venue of the Museum and initiatives with State Govt., Manipur:

The Museum will be established in a senior secondary school namely Maha Union Govt. Hr. Sec. School, Japhou, Chandel, Manipur, India. The museum will be built in a room of the recently built two-story building. Two rooms @ 320 square feet (20 x 16 feet) has been specified for the implementation of the science museum.

Proposed venue for the Science Museum

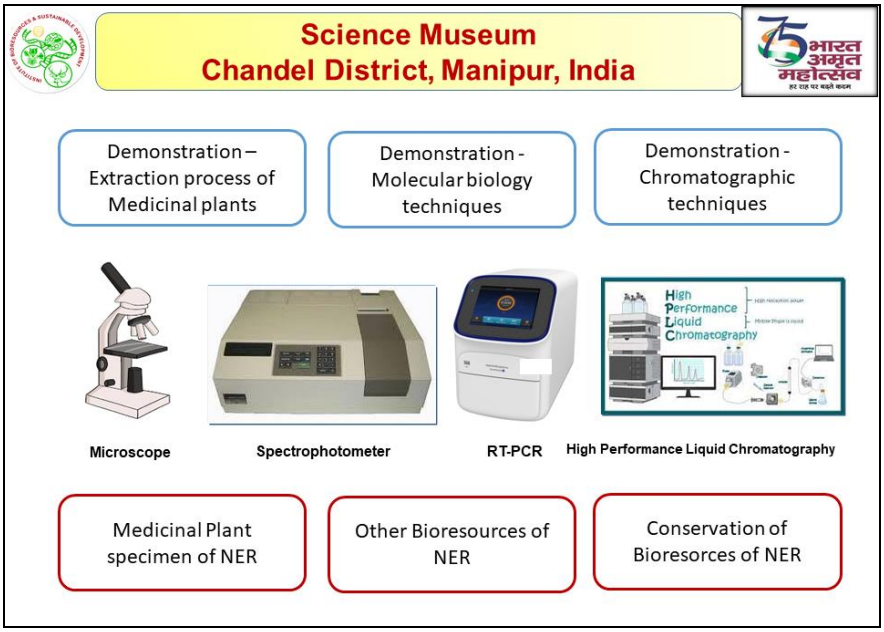
Deputy Commissioner, Chandel District of Manipur has agreed to provide a suitable place for setting up 'Science Museum'.

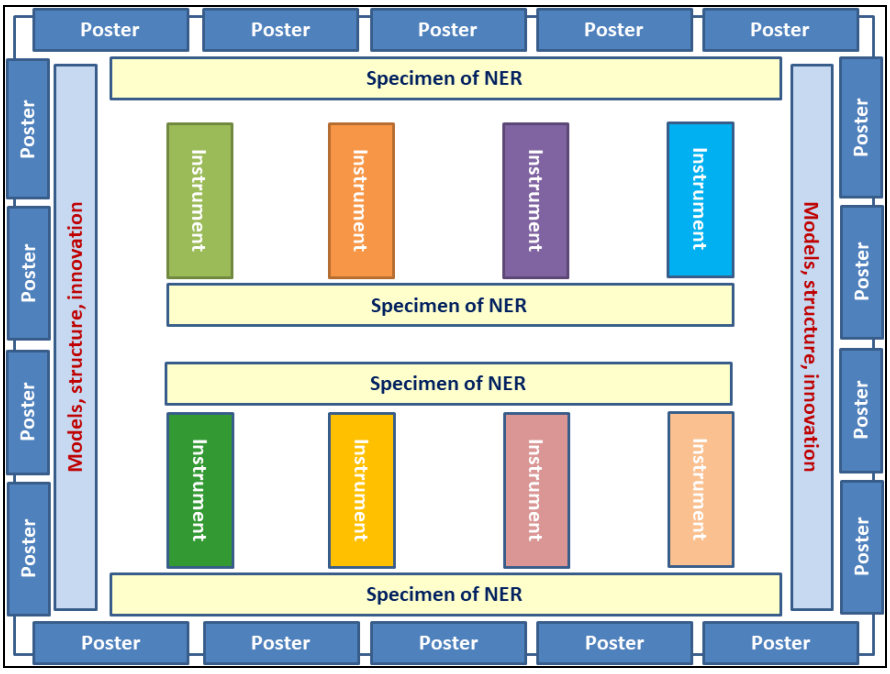


Initiatives with State Govt. of Manipur

Hypothesis and objective

Main objective of museum is to develop scientific attitude and to inculcate general awareness among the students and common people. Also to promote scientific intervention of bioresources for the benefits of students and common man of the region by demonstrating about instruments, organising lectures, seminars, scientific camps and outreach program. This museum will aim at school children (and the general public) are expected to inspire them for a career in science and technology while celebrating the history and future of research and innovation in the country.



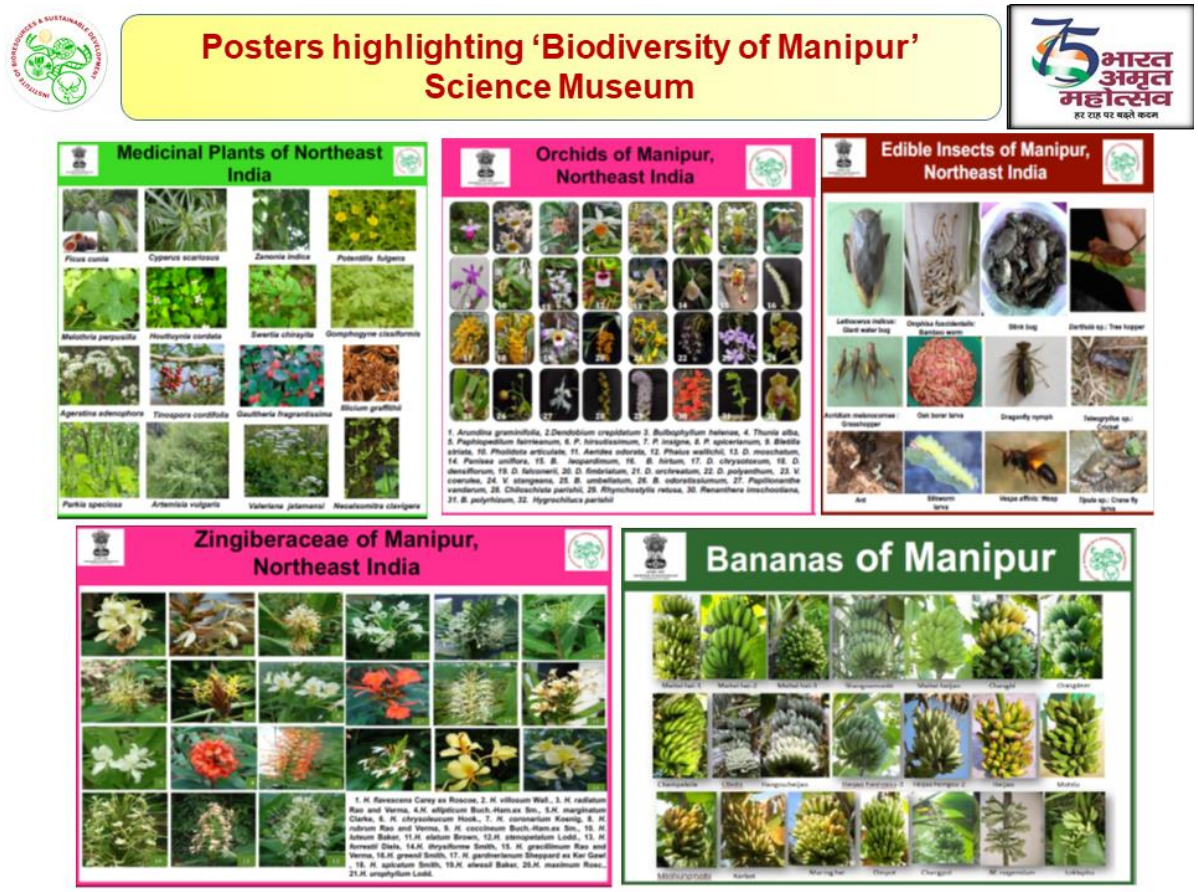


Graphical representation of proposed Museum

This museum will inspire many school children and general public for a career in science and technology while celebrating the history and future of research and innovation in the country. The poster and graphical representation of different research findings, global research scenario, bioresource management including sustainable use of medicinal plants will also be highlighted.

This museum will also promote scientific intervention of bioresources for the benefits of students and common man of the region with the following:

- Display and Demonstration of instruments
- Display of posters
- Demonstration on Bio-resource management
- Sustainable use of Bio-resources
- Organising lectures, seminars
- Scientific camps
- Outreach programme



Representation of posters highlighting "Biodiversity of Manipur"

Posters highlighting scientific instruments
Science Museum

Poster highlighting different scientific instruments

For infrastructure development and related activities, the cost incurred will be reimbursed from IBSD core fund.

- Expenditure on infrastructure development including installation of laboratory tables, electrification for instruments, lights, fans, painting, tables, chairs, carpet, almirahs, printing posters, fire extinguisher, water purifier etc.
- Expenditure on transportation and installation of equipments, projection equipments, audio-visuals, projector screen, computer systems, internet connection for virtual workshops and interactive exhibits for experimentations etc.

Targeted audiences:

IBSD is developing a science museum in Chandel aspirational district of Manipur. This museum will aim at school children (and the general public) are expected to inspire them for a career in science and technology while celebrating the history and future of research and innovation in the country. In this regards, Deputy Commissioner, Chandel District of Manipur has agreed to provide a suitable place for setting up 'Science Museum'. In this context, suitable place has been provided at Maha Union Govt. Higher Secondary School Chandel District, Manipur, India. IBSD will install old scientific instruments used in biotechnological related R&D work and install some research materials and posters highlighting unique bioresources of the North Eastern Region and different Research verticals of the institute. A recording on the demonstration of the instruments and research activities will be highlighted in audio visual format. The system has been installed in this regard. To celebrate 75 years of Independence, IBSD will organise many lectures, seminars, workshops and science camps in 'Science Museum' in Chandel District. Thus this museum at Chandel is aimed at school children (and the general public) to inspire them for a career in science and technology while celebrating the history and future of research and innovation in the country.

The proposed museum at Maha Union Govt. Higher Secondary School Chandel District, Manipur has been made ready for inauguration. I would like to request Respected Secretary, Joint secretary, other officials of DBT to please fix a date between 10th -12th August, 2021, before 15th August 2021. Accordingly, we will inform the local administration to join the programme at Chandel, aspirational district of Manipur.

ORGANIZED AND SUPPORTED BY

Institute of Life Sciences Bhubaneswar

Bio-NEST

birac
Ignite Innovate Incubate

विज्ञान से विकास-
प्रौद्योगिकी से प्रगति

Sashakt Bharat
Ujjwal bhavishya ki aur

भारत अमृत महोत्सव
हर राह पर बढ़ते कदम

OPPORTUNITIES IN AGRICULTURE ENTREPRENEURSHIP

Wed 11th August 2021 | TIME 10.00 AM to 1.00 PM

"विज्ञान से विकास-प्रौद्योगिकी से प्रगति under the theme *सशक्त भारत*

Dr. Ajay Parida
Director,
Institute of Life Sciences

Dr. Manish Diwan
Head – Strategic Partnerships &
Entrepreneurship Development

Dr. Kiran K Sharma
Director, ICRISAT-IN

Dr. Ranjit Kumar
Principal Scientist
Head, Agribusiness
Management Division,
ICAR-NAARM

Dr. Sivaramane
CEO, NAARM TBI-aIDEA,
NAARM

Dr. Sanjay Saxena
Head- Investment, BIRAC

For details email at incubation@ils.res.in and Register @ https://forms.gle/YFZ3YDpBnDcS6Dmp9

Department of Biotechnology

75th Anniversary of Indian Independence

Title of the event:Opportunities in Agriculture Entrepreneurship

Name of the organizer:DBT-ILSBioincubator

Date and Time:11th August, 10.00 AM- 1.00 PM

URL/Registration link (in case of virtual event): https://forms.gle/YFZ3YDpBnDcS6Dmp9.

Venue (in case of physical event):DBT-ILSBioincubator, ILS Campus 2, Bhubaneswar

Brief background/purpose of the event:

Agricultural development and diversification have opened up new opportunities for developing entrepreneurship in the agri-business sector especially agriculture, horticulture, floriculture, sericulture, animal husbandry and veterinary, fishery, etc. The mission of DBT-ILS Bioincubator through this workshop is to promote sustainable development by creating awareness on the different opportunities in agricultural entrepreneurship. The aim of the event is to show new concrete ways for the aspiring and existing entrepreneurs. Our goal is to build awareness around the broad array of opportunities and current innovation trends in agriculture biotechnology available to start-ups, researchers and academicians here at DBT- ILS as well as other organizations in this region.

Expected Participants/List of Participants:

Academicians from different Institutes / Colleges / Universities, Industry Professionals, Entrepreneurs, Research Scholars, MSME are expected to participate in the workshop.

How is the event linked to Azadi ka Amrit Mahotsav:

The event is indicative of creating awareness in the field of Agriculture Entrepreneurship byhighlighting the interventions and innovations existing in the field and thereby opportunities available to aspiring entrepreneurs, thus contributing to "**विज्ञान से विकास-प्रौद्योगिकी से प्रगति**"

Potential/Expected Impact:

The audience expected are academicians from different Institutes / Colleges / Universities, Industry Professionals, Entrepreneurs, Research Scholars, MSME. They can benefit from a free interactive session with eminent experts in the area of agro technology.

Department of Biotechnology

75th Anniversary of Indian Independence

Title of the event: Better with Biotechnology

Name of the organizer:IIT KanpurBioincubator

Date and Time:11-13th August (5-7:00 PM)

URL/Registration link (in case of virtual event):https://us06web.zoom.us/webinar/register/WN_c_CSOKVYRRi0akNs6i7fHA

Venue (in case of physical event):

Brief background/purpose of the event:

The three-days event is being organised to celebrate and highlight the important role played by Biotechnology Industry in boosting India's economy post independence.

Expected Participants/List of Participants:

Startups, students, faculty members and individual innovators.

How is the event linked to Azadi ka Amrit Mahotsav:

The event has three keynote sessions on :

- Journey and Impact of Biotechnology on Indian society
- India2.0 | Unleashing the potential of Biotechnology for covidisized India
- Emerging trends in Biotechnology that will rule the industry for next 25 years

Additionally, the event will focus on highlighting the ecosystem established by BIRAC to support Bio-entrepreneurs in North region and showcasing Biotech based startups in the regions.

Potential/Expected Impact:

- Awareness about the startup ecosystem created
- Awareness about the important role being played by the Biotech startups in improving the human lives and over all society.

क्षेत्रीय जैवप्रौद्योगिकी केन्द्र

REGIONAL CENTRE FOR BIOTECHNOLOGY

12-16th July, 2021

Title of the event: ID 75 Webinar Series

Name of the organizer: Regional Centre for Biotechnology

Brief background/purpose of the event:

As a part of Science Setu and to commemorate 75th Year of Indian Independence, RCB organized a webinar event where the life and works of eminent Indian scientists who have made a difference to science and lives of people, and who have furthered science to its current glory in India and around the world is being showcased.
Besides, keeping in mind the exciting scientific talks and an enthusiastic participation from students, faculty and others in the first round of 'RCB Contemporary Webinar Series' a second round/ season 2 of this webinar series has been announced, which will be held also to commemorate India's 75 years of Independence. Similar to the previous round, we will have the webinars every week on Fridays.

As a part of this webinar series, presentations are regularly delivered through RCB's YouTube channel.

S.No.	Start Date	End Date	Theme/ Subject	Activity Details*	Venue
1	16.07.2021	16.07.2021	Celebrating the Glory of Indian Science: Showcasing the Life and Works of Eminent Indian Scientists	Prof. Saikrishnan Kayarats, IISER Pune	Presentations delivered through RCB's YouTube channel
2	23.07.2021	23.07.2021		Dr. G.N. Ramachandran	
3	13.08.2021	13.08.2021		Dr. Obaid Siddiqi	

*'विज्ञान से विकास-प्रौद्योगिकी से प्रगति' Celebrating the Glory of Indian Science: Showcasing the Life and Works of Eminent Indian Scientists.

Such events will also be planned further till August 2022 and will be communicated in due course.=

Expected Participants/List of Participants: ~ 200

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Skill and Capacity building program for tribal artisans in bamboo craft sector

Name of the organizer: DBT-Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram

Date and Time: 15 days from 4th August

URL on Media news: https://youtu.be/evbS8cQ9Cxo

Brief background/purpose of the event:

Now-a-days, traditional bamboo craft items such as mats and baskets have less demand among the consumers mainly due to the availability of plastic items at lower cost. Because of the low income, the traditional bamboo artisans are facing severe economic crisis and they are searching for other options like agriculture labours, daily wages in construction works etc. The traditional bamboo craft artisans and associated livelihood opportunities are fastly disappearing from the tribal culture itself. To revamp the rich skill of tribal artisans, and to compete with the modern plastic items available in modern markets, skill and capacity building programs are necessary. They should be encouraged to make diverse utility items like kitchen items, Office stationary items etc. As part of DST-Tribal Heritage project, DBT-RGCB has organized 15 days skill and capacity building program for tribal bamboo artisans in Idukki District, Kerala.

List of Participants:

Tribal Artisans from tribal community at Idukki District, Kerala

Sl. No.	Name	Address
1.	Ammini Vijayan	Parlayil, Venmony P.O. Kanjikuzhi
2.	Ammini Raju	Arackal, Venmony P.O. Kanjikuzhi
3.	C V Georgekutty	Therayil, Venmony P.O. Kanjikuzhi
4.	Aniyamma Philip	Thonikkallel, Venmony P.O. Kanjikuzhi
5.	Ammini Ponnappan	Parlayil, Venmony P.O. Kanjikuzhi
6	Anandhu Jayachandren	Parlayil, Venmony P.O. Kanjikuzhi
7	Biji Santhosh	Parlayil, Venmony P.O. Kanjikuzhi
8	Chandran T G Therayil	Therayil, Venmony P.O. Kanjikuzhi
9	Chandini Chandran Therayil	Therayil, Venmony P.O. Kanjikuzhi
10	P R Kannappan	Parlayil, Venmony P.O. Kanjikuzhi
11	Neely Thankachan	Therayil, Venmony P.O. Kanjikuzhi
12	Krishnakumar T G	Therayil, Venmony P.O. Kanjikuzhi
13	Devaki George	Therayil, Venmony P.O. Kanjikuzhi
14	Pushpa Unni	Parlayil, Venmony P.O. Kanjikuzhi
15	Ramachandran T K	Therayil, Venmony P.O. Kanjikuzhi

16	Rajamma Gopalan	Therayil, Venmony P.O. Kanjikuzhi
17	Raju	Therayil, Venmony P.O. Kanjikuzhi
18	Susamma T S	Thazhathukozhikunnel, Venmony P.O. Kanjikuzhi
19	Thankamma Vellan	Therayil, Venmony P.O. Kanjikuzhi
20	Vincy Chandran	Therayil, Venmony P.O. Kanjikuzhi
21	Vijayan Karimpan	Parlayil, Venmony P.O. Kanjikuzhi
22	Suseela Gopalan	Therayil, Venmony P.O. Kanjikuzhi
23	Chinnamma T S	Parlayil, Venmony P.O. Kanjikuzhi
24	Vimala Aneesh	Cheriyanickal, Venmony P.O. Kanjikuzhi
25	Sreevidhya Unni	Parlayil, Venmony P.O. Kanjikuzhi
26	Radha Jayachandhran	Parlayil, Venmony P.O. Kanjikuzhi
27	Rani Nevan	Koraliyil, Venmony P.O. Kanjikuzhi

How is the event linked to Azadi ka Amrit Mahotsav:

"For a self-reliant India, we have to be vocal for local" On the occasion of celebrating India @ 75, we need to empower the traditional bamboo craft artisan in terms of their skill, efficiency in production, diversity in products etc.

Potential/Expected Impact:

This program helped to strengthen the capacity of the tribal people to make diversity of products.

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: " Biomolecular Targets and Drug Design: Approaches and Opportunities" by Dr. Manoj Munde, JNU, New Delhi

Name of the organizer: National Agri-Food Biotechnology Institute (NABI), and Center of Innovative and Applied Bioprocessing (CIAB)

Date and Time: 19th August 2021 4:00 am to 5:00 pm
URL/Registration link (in case of virtual event): Please join webinar from your computer, tablet or smartphone.
https://www.gotomeet.me/nabimohali81/sciencesetu
New to GoToMeeting? Get the app now and be ready when your first meeting starts: https://global.gotomeeting.com/install/594320197
Venue (in case of physical event): Virtual platform

Brief background/purpose of the event:
The National Agri-Food Biotechnology Institute, and Center of Innovative and Applied Bioprocessing two autonomous DBT institutes, are organizing Open day program to connect the Indian research Institute with the colleges and general audience on Friday, 19th August, 2021 from 4:00 am to 5:00 pm.

Students from the various colleges and teachers of all over India, research institute, and other science admirers will have a chance to learn about the scientific achievements of India in past 75 years, and perspectives of future scientific development. The open day will feature scientific lecture and poster presentation by young researcher of NABI and CIAB. The overall purpose of the event is to showcase the potential of science to the young students, so they can contribute to the field in the future.

Expected Participants/List of Participants:

S. No.	Colleges	S. No.	Colleges
1.	S. Govt. College of Science Education & Research, Jagraon	14.	Sri Guru Tegh Bahadur Khalsa College, Ropar
2.	Doaba College, Jalandhar	15.	S.G.G.S. Khalsa College, Hoshiarpur
3.	B.B.K DAV College of Women, Amritsar	16.	Guru Nanak College, Mansa
4.	Kanya Maha Vidyalaya, Jalandhar	17.	Dev Samaj College for Women, Ferojepur
5.	Maulana Azad College, Kolkata	18.	DAV College, Jalandhar

6.	Lady Brabourne College, Kolkata	19.	Kamla Nehru College for Women, Phagwara
7.	Jhargram Raj College, Jhargram	20.	Mata Gujri College, Fatehgarh Sahib
8.	Ramkrishna Mission Vidyamandira, Howrah	21.	DAV College, Amritsar
9.	Ramakrishna Mission Vivekananda Centenary College, Kolkata	22.	DAV College, Abohar
10	Surendranath College, Kolkata	23.	DAV College, Bhathinda
11	Bethune College, Kolkata	24.	R. D. National College, Mumbai
12	Mugberia Gangadhar Mahavidyalaya, Medinipur	25.	Nagpur Veterinary College, Nagpur
13	Krishna Chandra College, Birbhum	26.	Other DBT autonomous Institutes

How is the event linked to Azadi ka Amrit Mahotsav:

Azadi ka Amrit Mahotsav is an imitative of the Government of India to celebrate and commemorate 75 years of progressive India and the glorious history of its People, culture and achievements. A science open day can be a path breaking idea to indulge young minds towards science. No country has achieved self-reliance without mass quality and public education. The open day will connect the young minds with ongoing science in India and show them how they can do wonders in Science. New discoveries by these young minds will make the country self-reliant which is the overall motto of Azadi ka Amrit Mahotsav.

Potential/Expected Impact:

Open days are social encounters among the students and faculty of eminent institutions. Most of the students are attracted towards the institutions where faculty is highly qualified, possess great knowledge, and are enthusiastic and passionate about their work. Many students are not able to take proper decisions due to a lack of exposure to advanced scientific discoveries and instrumentation. Being able to interact with the faculties of higher institutions enables the students in the decision making process about their future. Here at NABI and CIAB we have highly qualified and experienced staff that might impact students' perspective towards opting for their career in science. Moreover, they could also learn the importance of small observations in making great discoveries.

The event highlights the latest developments in scientific fields and how few observations are important. Such open days can help the students and teachers to develop scientifically temperament and this way they would be encouraged for scientific thinking and a better understanding of scientific concepts.

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Webinar entitled: Skeletal Muscle – Life's Movers & Shakers; Speaker: Arvind Ramanathan, DBT-inStem

Name of the organizer: DBT- Institute for Stem Cell Science & Regenerative Medicine

Date and Time: 21 August, 2021, 10-11AM

URL/Registration link (in case of virtual event): registration link

Venue (in case of physical event): Online

Brief background/purpose of the event:

The Science Setu Programme at inStem entitled "Discovering Possibilities" is an effort to create awareness about the importance of science in our lives and encourage the participation of young college students and their teachers in the area of Biology. Through setting up engagements with practitioners of science, this programme aims to provide a view to the excitement and numerous opportunities arising from a career in science.

Each webinar covers a topic in a manner accessible to college students and apart from contemporary cutting-edge research, involves colleagues who have faced challenges and success in allied areas such as science journalism, publishing, communications, history of science, as well engagements with students and interns from our laboratories. The programme will include interactions with established leaders in Industry as well as innovators and heads of technical hubs in the city and beyond.

Contact email: sciencesetu@instem.res.in

Expected Participants/List of Participants:

UG and PG students from Bangalore:

- St Joseph's;
- Maharani's Science College for Women,

- Mount Carmel College
- Autonomous, Indian Academy Degree College,
- Kristu Jayanti College,
- Sri Dharmasthala Manjunatheshwara College,

Mangalore:

- St. Aloysius College;

Gadag:

- Bipin Chikkatti Degree College, Gadag

Kollam,

- St. John's College, Kollam, Anchal Kerala;

Chennai:

- Sri Ramachandra Institute of Higher Education &Research: Undergraduate college and Medical School students.

How is the event linked to Azadi ka Amrit Mahotsav:

The talk showcases research conducted in the laboratories in inStem and other research spaces in India. It covers a topical and relevant area of muscle health and its changes by disuse, ageing disease etc. This is particularly relevant and relatable given our athletes remarkable performances in the recent Olympic Games.

Overall, this talk like the others in the series will highlight the progress and advances laboratories in India have made in the area collectively, over preceding decades and the current contemporary approaches we are taking to address questions.

Potential/Expected Impact:

We hope to build sustained interactions with participating colleges and partner with them in nurturing the growth of students curious about possibilities in science as well foster career advancement of exceptional students who would like to venture into science as a career. We also propose to participate in teaching in interested colleges, provide opportunities for students to visit our laboratories, be selected for internships (when safe) and also take part in debates and competitions in biological science and related areas.

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Science Setu Startup Series

Topic- Entrepreneurship Challenges & Opportunities"

Speaker- Mr. Arpit Dhupar

Founder- Dharaksha Ecosolutions Pvt. Ltd.

Name of the organizer: BSC BioNEST Bio-Incubator (BBB)

Date and Time: 20th August, 2021 (Friday) 12.00 PM-1.00 PM

URL/Registration link (in case of virtual event):

https://forms.gle/NWz73CcjYA7EJUDw9

Venue (in case of physical event):

Brief background/purpose of the event:

It is an online virtual event to showcase the 'Success Stories of Indian Biotech Start-ups' also focussing on the journey of an entrepreneur and the challenges faced on the way.

Expected Participants/List of Participants:

120

How is the event linked to Azadi ka Amrit Mahotsav:

This event will generate awareness about entrepreneurship and current startup ecosystem of the country. It will also provide new direction to the future entrepreneurs of the country.

Potential/Expected Impact:

Awareness about entrepreneurship and challenges faced on the way

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Building sustainable innovation ecosystem

Name of the organizer: ASPIRE-BioNEST, University of Hyderabad

Date and Time: 16th August 10 AM to 1.30 PM

URL/Registration link (in case of virtual event): Zoom (ID: 83150418723, Code: 12345)

Venue (in case of physical event): NA

Brief background/purpose of the event: The event consists two components, 2-3 expert lectures by successful industrialists and a panel discussion on "Building sustainable innovation ecosystem: Experiences of the successful Incubators". The panel discussion is moderated by Head of SPED division of BIRAC Dr. Manish Diwan and expert panel members are the heads of 5 leading incubator who are supported by BIRAC i.e., Venture Center – Pune, KIIT-TBI Bhubaneswar, IKP-Hyderabad, HTIC-Chennai, C-CAMP – Bangalore. Invited Experts are the recently grown start-ups and who are successfully running the business. This event covers the overview of creating the innovation based ecosystem for encouraging budding entrepreneurs and also the experience of developing a start-up to a successful business.

Expected Participants/List of Participants: Start-ups, academicians, students

How is the event linked to Azadi ka Amrit Mahotsav: This event discusses about the support ecosystem provided by the Govt. funding bodies to nurture and encourage the budding entrepreneurs in creating wealth from indigenous innovations. This event also discusses the experiences of successful start-ups who took the help from the generated ecosystem.

Potential/Expected Impact: Nuances of establishing and troubleshooting in creation of successful incubator. Inspirational stories from the successful entrepreneurs, including the journey of an innovative idea to become a successful business. The expected outcome also includes, igniting the entrepreneurial spirit among the students and faculty.

Azadi Ka Amrit Mahotsav

birac
Ignite Innovate Incubate

काशी हिन्दू विश्वविद्यालय
BANARAS HINDU UNIVERSITY

विज्ञान से विकास-प्रौद्योगिकी से प्रगति

From a Researcher to an Entrepreneur

Are you aspiring to become an innovator or entrepreneur, and willing to contribute towards *'Atma Nirbhar Bharat'*? In our aim to help, promote, support and mentor the potential innovators and entrepreneurs, BioNEST-BHU invites you to join a webinar on,

Research, Innovation & Entrepreneurship: Redefining Imaginative Landscape

Speaker:
Prof. Anil K Gupta, Founder, The Honey Bee Network,
National Innovation Foundation, SRISTI and GIAN. Ahmedabad

Welcome Address:
Prof. Anil K Tripathi
Coordinator BioNEST-BHU
Director, Institute of Science
Banaras Hindu University, Varanasi.

InnoResTech Foundation BHU
BioNEST-BHU
Banaras Hindu University
Varanasi

Contact: Saikat Sen, Chief Executive Officer, BioNEST-BHU, bionestbhu@bhu.ac.in, www.bionestbhu.org

Registration link: https://forms.gle/87zfFeU8Sd1oJ2UK6

Time & Date: 21st August 2021 (Saturday)15:30 hrs

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Webinar on "From a Researcher to an Entrepreneur"

Name of the organizer: BioNEST-BHU, Banaras Hindu University, Varanasi

Date and Time: 21st August, 3:30 pm

URL/Registration link (in case of virtual event): https://forms.gle/87zfFeU8Sd1oJ2UK6

Venue (in case of physical event): NA

Brief background/purpose of the event: BioNEST-BHU is organising an expert talk on 21st August 2021 at 15:30 hrs with an aim to help, promote, support, and mentor the potential innovators and entrepreneurs. Our guest speaker of the webinar is Prof. Anil. K. Gupta, former Professor, IIM Ahmedabad and IIT Bombay. Ph.D. (Management), MSc. Biochemical Genetics; Fellow, NAAS, WAAS, & INSA; Founder, The Honey Bee Network, National Innovation Foundation, SRISTI and GIAN; CSIR Bhatnagar Fellow, 2018-21.

Expected Participants/List of Participants: students, faculty members, researchers, innovators, aspiring entrepreneurs

How is the event linked to Azadi ka Amrit Mahotsav: It will promote start ups in the area of Biotechnology and help in the building of Atma Nirbhar Bharat

Potential/Expected Impact: Webinar will contribute towards Atma Nirbhar Bharat by creating awareness on Entrepreneurship.

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Lab2 Market Campaign

Name of the organizer: BIRAC

Date and Time: Weekly basis

URL/Registration link (in case of virtual event):

Venue (in case of physical event): Social Media-BIRAC Twitter and Facebook Handle

Brief background/purpose of the event:

Several customized and uniquely positioned initiatives of BIRAC have helped recognize a growing number of the Biotech Entrepreneurship Start-ups & over 165 commercially deployed products. The idea is to initiate a campaign to promote and inspire conversation around the BIRAC supported innovations on the social media platform.

Nemocare is a continuous monitoring wearable device that will aid in remote monitoring of vitals along with geolocation and prognosis of affected and quarantined patients. It will also aid in tracking their symptoms and the doctors will be alerted on detection of deterioration. #AzadiKaAmritMahotsav #IndiaAt75

@DBTIndia @Drrenuswarup @bhalla_anju

How is the event linked to Azadi ka Amrit Mahotsav?

The event has an overarching tagline **विज्ञान से विकास-प्रौद्योगिकी से प्रगति** under the theme *सशक्त भारत*. All these supported innovations are Make in India innovations that aim to strengthen the Atma Nirbhar Bharat initiative.

Potential/Expected Impact:

Outreach of BIRAC supported innovations to the social media audience to make people aware about the innovations that can be helpful to their day to day lives. BIRAC's efforts have resulted in significant changes in the landscape of the Indian biotechnology sector.

-

Department of Biotechnology

आजादी का अमृतमहोत्सव ||75th Anniversary of Indian Independence

Title of the Project: "Expansion activities of Biotech KISAN Hub in three Aspirational Districts of Rajasthan, one Aspirational District of Haryana and three Aspirational Districts of UP"

Title of the event: Integrated pest management (including alternative pathways)

Name of the organizer: Division of Agricultural Extension, ICAR-IARI, New Delhi in association with KVKs of aspirational districts (Dholpur, Karauli, Baran, Bahraich, Shravasti, Balrampur, Mewat and Chitrakoot) under DBT-Biotech-KISAN Hub Project.

- **Date and Time: 23rd – 28th August, 2021 from 10.AM to 4.30 PM**

- **URL/Registration link (in case of virtual event): NA. Physical Event**

- **Venue (in case of physical event): Premises of KVKs** (Dholpur, Baran, Bahraich, Balrampur, Mewat and Chitrakoot) and at village Dhandhuret, Karuali in Rajastha and village Maanuwas, Mewat in Haryana

Brief background/purpose of the event: Increased reliance on chemicals for management of insect pests and diseases in crops has led to a serious threat to health as well as ecosystem. Integrated Pest Management (IPM) is an eco-friendly approach to pest management. IPM helps to minimize use of toxic chemicals and reduces the risks to the environment and human health. In IPM, different practices like physical, biological, cultural and chemical practices besides the use of resistant varieties are combined for the pest management in crop fields. However, there are several challenges regarding the implementation of IPM. There is lack of knowledge and skills among the farmers in use of IPM principles and practices. Emphasis has to be laid upon farmers' training and education for implementation of IPM. The farmers need to be educated about the alternative approaches for pest management besides identification and maintenance of bio-agents and helpful insects. The farmers need to be educated about the concept of Economic Threshold Level (ETL) and scheduling of pest management based on ETL. The training programmes intend to upgrade the knowledge and skills of farmers in application of IPM in kharif crops mainly paddy; pulses and vegetables. Extension literature on Principles and Practices of IPM will be distributed / provided to the participants.

- **Expected Participants/List of Participants: 25-**50 farmers and farm women from selected project villages of each aspirational districts

- **How is the event linked to Azadi ka Amrit Mahotsav:**

IPM will strengthen nation's strides towards sustainable development. Doubling farmers' income is one of the important priorities of the nation. The training on IPM will help farmers increase their quality production and income.

Potential/Expected Impact: The farmers' trainings will result in favourable attitude towards judicious use of pesticides as well as enhance their confidence in IPM. Adoption and implementation of IPM practices will lead to reduction in pesticide use, reduction in losses of yield, reduction in injudicious use of pesticides, besides minimization of risks to human health as well as the environment.

Table: Details of the training progarmes

S.N.	Aspirational District	Title of training	Date and Time	URL/Physical	Venue	Expected participants(Mae/Female/)
1	Karauli	IPM in pulses and vegetables	23rd August At 10.30 AM - 4.30 PM	Physical	Village Dhanduret; KVK, Karauli (Rajasthan).	50 (40/10)
2	Baran	IPM in Kharif crops	24th August, 2021 At 10.30 AM - 4.30 PM	Physical	KVK, Anta-Baran, (Rajashthan)	30(25/05)
3	Balrampur	IPM in paddy and vegetables	24thAugust, 2021 At 10 AM - 4.30 PM	Physical	KVK Balrampur, (Uttar Pradesh)	50 (35/15))
4	Shravsti	IPM in paddy and vegetables	24thAugust, 2021 At 10 AM - 4.30 PM	Physical	KVK,Shravsti, (Uttar Pradesh)	30 (25/05)
5	Mewat	IPM in paddy and vegetables and alternative pathways	25thAugust, 2021 At 10 AM - 4.30 PM	Physical	Village- Mannuwas; KVK, Mandkola, Mewat (Haryana)	50 (40/10)
6	Bahraich	IPM in paddy and vegetables	26th August,	Physical	KVK, Bahraich-I, (Uttar Pradesh)	30(25/05)

		and alternative pathways	2021 At 10 AM-4.30 PM			
7	Dholpur	IPM in pulses and vegetables	26th August, 2021, At 10 AM-4.30 PM	Physical	KVK, Dholpur (Rajasthan).	50 (40/10)

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :शाक-सब्जी एवं दलहनी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २४, २०२१ (प्रातः १०.३० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, करौली

आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, करौली; राजस्थान

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :शाक-सब्जी एवं दलहनी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २६, २०२१ (प्रातः १० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, धोलपुर

आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, धोलपुर ; राजस्थान

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :खरीफ फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २४, २०२१ (प्रातः १०.३० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, बारां

आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, बारां ; राजस्थान

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :धान एवं शाक-सब्जी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २४, २०२१ (प्रातः १०.३० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, बलरामपुर

आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, बलरामपुर; उत्तर प्रदेश

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :धान एवं शाक-सब्जी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २५, २०२१ (प्रातः १०.०० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, श्रावस्ती
आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, श्रावस्ती; उत्तर प्रदेश

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :धान एवं शाक-सब्जी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २६, २०२१ (प्रातः १०.० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, बहरैच

आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, बहरैच ; उत्तर प्रदेश

आज़ादी का अमृत महोत्सव

DEPARTMENT OF BIOTECHNOLOGY
Government of India
सत्यमेव जयते

सशक्त भारत
विज्ञान से विकास-प्रौद्योगिकी से प्रगति

कृषक प्रशिक्षण :धान एवं शाक-सब्जी फसलों में समेकित कीट प्रबंधन

यह कार्यक्रम आजादी का अमृत महोत्सव के तहत आयोजित किया जा रहा है।समेकित कीट प्रबंधन सतत विकास की दिशा में देश की प्रगति को मजबूत करेगा। किसानों की आय दोगुनी करना देश की महत्वपूर्ण प्राथमिकताओं में से एक है। इस प्रशिक्षण से किसानों को उनके गुणवत्तापूर्ण उत्पादन और आय में वृद्धि करने में मदद मिलेगी।

दिन और समय: अगस्त २५, २०२१ (प्रातः १०.० बजे से सायं 4.३० बजे)
शामिल होने के लिए : कृषक
स्थल: कृषि विज्ञान केंद्र, मंद्कोला, मेवात
आयोजक: भारतीय कृषि अनुसंधान संसथान एवं कृषि विज्ञान केंद्र, मंद्कोला, मेवात ; हरियाणा

Department of Biotechnology

आजादी का अमृतमहोत्सव ||75th Anniversary of Indian Independence

Title of the event: IPM and INM practices in Pulses and Groundnut

Name of the organizer: Programme Co-ordinator and Head, Krishi Vigyan Kendra, Rastakuntubai, Vizianagaram District, A.P**.**

S.No	Date and Time	Venue	Brief background /purpose of the event	Expected Participants/List of Participants
1.	24.08.2021 11.30am-1.30pm	Raithu Bharosa Kendra	To create awareness in production technologies of pulses and groundnut	20-25
2.	25.08.2021 11.30am-1.30pm	Agriculture Polytechnic college	Varietal selection, importance of seed treatment and weed management in pulses and groundnut	20-25
3.	26.08.2021 11.30am-1.30pm	RaithuBharosa Kendra	To impart knowledge on integrated nutrient management	20-25
4.	27.08.2021 11.30am-1.30pm	Horticulture Polytechnic college	To impart knowledge on integrated pest management	20-25
5.	29.08.2021 11.30am-1.30pm	Seed technology Polytechnic college	Awareness on value addition in pulses	20-25
6.	30.08.2021 11.30am-1.30pm	RaithuBharosa Kendra	Farmer – Scientist interaction	20-25

Date and Time: 28.08.2021

Brief background/ purpose of the event: Considering the importance of Integrated Nutrient and pest management practices in Pulses and pulse based farming and cropping systems , this virtual training programme is organized to provide technical knowledge to the farmers to select appropriate management options for enhancing the pulse production in various systems in North Coastal and High Altitude and tribal Areas of Andhra Pradesh .

S.No	Topic	Resource Persons	Mobile

			Number
	Inaugural Guests	Joint Directors of Agriculture of Viziangaram and Visakhapatnam districts Associate Director of Research of North Coastal/HAT Zones and Project team	
1	Role and scope of pulses in Andhra Pradesh and agrotechniques	**1.** Dr.T. Srinivas PI,Biotech KISAN Hub project of ANGRAU & ProgrammeCoordinator, KVK, Kurnool **2.** Dr.K.TejaswaraRao, ProgrammeCoordinator, KVK,Vizianagaram	8512296111 9493084826
2	Pulse based farming systems and Navadhanya concept of Natural farming in North coastal Andhra Pradesh	**1.** Dr.M.M. V.SrinivasaRao SeniorScientist, AICRP-IFS, Gajularega. **2.** Sri.K.Prakash DPM,APCNF.	9440123223 9121147885
3	FPOs- Strengthening and Sustainability	**1.** Sri.P.Harish, AGM, NABARD. **2.** Dr.K.Lakshmana, Coordinator, DAATTC.	9452202000 9989623801
4	ICTs -Usage in Agriculture	**1.**Dr.G. Prasad Babu SMS (Extension), KVK,Kurnool **2**. Dr.P B Pradeep Kumar, Coordinator, DAATTC, Visakhapatnam	7416384968 989623802
5	Allied enterprises- pulses inclusion in orchard crops and pulse fodders in crop-livestock systems	**1.** Y. V.Ramana Joint Director of AnimlHusbandry , Vizianagaram **2.** Sri.N.SrinivasaRao, Deputy Director of Horticulture,Vizianagaram	9989932802 7995086760

Expected participants / List of participants: 800-1000 No. includes farmers, Extension functionaries, youth , progressive women farmers and line departments staff of RBK system of AP

How is the event linked to Azadi ka Amrit Mahotsav:

This event impart knowledge to farmers and helps to reduce cost of cultivation and increased net returns of the farmers and thus helps in well being of nation.

Potential/Expected Impact:

This event will impact the knowledge and income of farmer in a positive way.

Department of Biotechnology

आजादी का अमृत महोत्सव || 75th Anniversary of Indian Independence

Title of the event: Molecular innovations rekindled the chromosome segregation machine after the recurrent loss of its key components.

Name of the organizer: National Institute of Immunology

Date and Time: 26th August 2021

URL/Registration link (in case of virtual event):
https://nii1.webex.com/nii1/j.php?MTID=m1d5fdc1e85214e05ecae710a0740bab1

Venue (in case of physical event): Online

Brief background/purpose of the event: To create interest and awareness about science among PhD scholars and Post Docs. These kind of online lectures help them to understand science with a different perspective as scientists themselves will be talking on many aspects which they usually don't get in their textbooks.

Expected Participants/List of Participants:

How is the event linked to Azadi ka Amrit Mahotsav: National Institute of Immunology has planned to celebrate 'Azadi ka Amrit Mahotsav' to commemorate 75th Independence Day as well to celebrate the spirit of science by organising online lectures for school/colleges/PhD and Post Docs. There is nothing more overwhelming to see students participating enthusiastically in a science lectures.

Potential/Expected Impact: Experts from across the globe have been invited to give colloquium lectures at NII. Students will hear scientists and they will also ask questions too. This will be altogether a different experience for them and a more practical way of learning science. This would a life time experience for them.