

## PROGRAMME HIGHLIGHTS:

- Seminar on Sustainable Cultivation & aggregation of medicinal plants: Traditional practices, technology & policy initiatives
- Exhibition of herbal products by industries and product display
- Brainstorming on Safety and Quality management of herbal products: Processing & Regulatory Framework
- Workshop on Bioprospecting of herbal products with Guwahati Biotech Park: Training in the use of advanced chromatographic techniques for herbal products
- Selected Research presentation on value chain of medicinal plants: Advancement in herbal product validation and formulation
- Awards for Research Presentation
- Demonstration of NIR technologies for herbal products
- Way forward to create a Government-Academia-Industry interface for the development of herbal product sector

## KEY TAKEAWAYS:

- Exposure to medicinal plant propagation techniques available globally
- Latest technologies for herbal medicine, nutraceuticals, cosmetics and other herbal product manufacturing
- Peer Recognition
- Research proceedings in a book (with ISBN no.)
- Herbal industry networking
- Certificate for hands-on training in Bioprospecting
- Awareness about NIR technologies in herbal industry

## WHO WILL ATTEND?

- Academicians and researchers
- International bodies working in herbal product sector
- Representatives from relevant State/Central Government organizations
- Entrepreneurs and Startups
- Policymakers
- Bureaucrats and technocrats

## GET IN TOUCH:

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### Registration Link:

<https://forms.gle/cGBwsJN8srfG39zF8>

### Fees:

Exhibitors (inclusive of food and accommodation for 2 people for 2 days): 10000 INR  
Hands-on training on Bioprospecting: 500 INR

No registration fee for participation

### Important Date:

<b>Last Date of submission of abstract</b>	<b>18 Oct'22</b>
<b>Date of acceptance</b>	<b>20 Oct'22</b>
<b>Full length paper submission</b>	<b>22 Oct'22</b>



**VIBGYOR**  
**N.E. FOUNDATION**

PRESENTS



## INTERNATIONAL SEMINAR ON

**MEDICINAL PLANT PRODUCTION AND ADVANCEMENT  
IN HERBAL MEDICINE, NUTRACEUTICALS, COSMETICS  
AND OTHER HERBAL PRODUCT FORMULATION  
TECHNOLOGIES  
(MedProTech)**

**28<sup>TH</sup> OCT -29<sup>TH</sup> OCT 2022**  
**IIT GUWAHATI CAMPUS**



Supported by  
**NATIONAL MEDICINAL PLANTS BOARD**

## Themes for Research Presentation

1. Herbal products for medicine, nutraceuticals, cosmeceuticals and other applications
2. Advanced analytical technology for herbal product testing
3. Medicinal plants cultivation and tissue culture technology
4. Value chain development for herbal products

## WHO WE ARE

### School of Agro and Rural Technology (SART) (IIT Guwahati)

IITG is an Institute of National Importance located in Guwahati, Assam. It has been ranked 7th in the Engineering category in NIRF India Rankings 2021. SART, IIT Guwahati is a newly established School in the year 2016 to promote multidisciplinary activities. The School carries out teaching and skilling, research & development, and provides consultancy in various facets of agro and rural sectors. SART aims to provide science and technological interventions with other collaborating and implementing agencies to answer the challenges related to sustainable development. For more, please visit us <https://www.iitg.ac.in/crt/>

### VIBGYOR N.E. Foundation

Vibgyor N.E. Foundation, a not-for-profit organization, specializes in green issues of Northeast India & works closely with other groups in this sector in the region. Vibgyor has completed six successful years of Northeast Green Summit, the only such annual conclave of the region.



## FOCUS AREA

Medicinal plants have provided humanity with protective foods, curative treatments, cosmetics and many day-to-day use products for ages, however, their use has declined mainly due to the growing synthetic speciality chemical industry and in general detachment from traditional knowledge. This trend is leading to an unsustainable society with increasing economic burden on marginal and tribal populations and increasing the risk of overutilization and degradation of the forest and other natural resources. Therefore, the promotion and integration of herbal products into primary healthcare and other application sectors is crucial for achieving many Sustainable Development Goals (SDGs).

Post COVID-19 pandemic the world is seeing a staggering growth in Herbal product market. The global herbal medicine market is projected to grow from \$165.66 billion in 2022 to \$347.50 billion by 2029. Likewise, the global herbal food supplements and herbal beauty products market is too expanding due to enhanced spending capacity of consumers on health and wellness products. Herbal products are also being popular in the farm and veterinary sector since they are perceived as more cost-effective and safer for both animals and human consumers.

In research Institutes and other scientific organizations, many novels or lesser-known medicinal plants are taken for scientific cultivation practices or validated in clinical trials. Better analytical tools like hyphenated instrumentation and combinatorial data processing techniques like fingerprinting, metabolomic profiling etc. are emerging aspects of herbal product characterization and development. An international seminar is being proposed to assess and roll out technologies based on medicinal plants. There would be deliberations on each stage, i.e., research, cultivation, collection, storage, processing, manufacturing and marketing of herbal products development and commercialization.

Technical sessions of the seminar will include keynote lectures, panel discussions, exhibition of technologies, training programs and research presentations by industry experts, researchers, regulatory experts & Practitioner.



## ABOUT THE VENUE

IIT Guwahati is blessed with nature's bounty. Located within close proximity of the mighty Brahmaputra, the lush green ambience of campus has hillocks, ponds and wildlife as important landmarks. Probably, no other IIT in India is blessed with such a natural ambience. The rich and varied green landscape of IIT Guwahati continues to serve as a rich source of inspiration to take up the dynamic challenges that exist in the development and implementation of green technologies.

## WHY ATTEND?

The event will provide networking platform among various stakeholders of herbal product researchers and Industries.

- It will create scope for future collaborative projects among Government-Academia-Industry around herbal products
- Up Skilling of researchers and Industry personnel working in the development & manufacturing of herbal medicines, food supplements, cosmetics and agro & farm chemicals

