

### Engagement Dossier

{Incubation management, Immersion and Outreach activities}  
- As in capacity of Project Scientist-II at BioNEST of CSIR-IITR, Lucknow -

#### Networking and outreach activity - BioNEST representation through pavilion in Biotech Startup Expo organized along with BIRAC 10<sup>th</sup> year celebration, 09<sup>th</sup> – 10<sup>th</sup> June 2022



#### Networking and outreach activity - BioNEST representation through pavilion in NERC and Assam Biotech Conclave organized by IIT Guwahati, 20 – 22<sup>nd</sup> May 2022



#### Outreach activity – BioNEST networking and Potential showcasing event, 11<sup>th</sup> May 2022

Aligned with National Technology Day celebrations at CSIR-IITR, the BioNEST has organized an event to sign-up and exchange the Memorandum of Agreements (MoA) with four new incubatees to be onboard



#### Outreach activity – Beckman Coulter Seminar and Knowledge Session, April 2022

##### Organized and hosted the seminar on Bioprocess Technologies




#### Mentoring Clinics conducted with Shortlisted BioNEST incubatees, March 2022

##### Discussions on project progression and MoU drafting for incubation



### Online Immersion program for Managers - participation and networking - February 2022

Participation by competitive selection and recommendation by BIRAC organized by BIRAC Regional Bio-innovation Center (BRBC), Pune



Online Immersion Program For Managers of Incubation Centers

**CERTIFICATE OF PARTICIPATION**

Praveen G

for attending the Online Immersion Program For Managers of new Incubation Centers held on 23-24 February 2022

DR. V. PREMNATH  
Director, Venture Center, Pune

[https://venturecenter.co.in/certificate\\_authentication.php](https://venturecenter.co.in/certificate_authentication.php)

### Online Immersion program for Managers - participation and networking - February 2022

Participation by competitive selection and recommendation by BIRAC organized by BIRAC Regional Bio-innovation Center (BRBC), Pune



Online Immersion Program For Managers of new Incubation Centers Organized by Incubation Practice School @ Venture Center

**CERTIFICATE OF PARTICIPATION**

This is presented to

**PRAVEEN G**

for attending the Online Immersion Program For Managers of new Incubation Centers held on 23-24 February 2022

DR. V. PREMNATH  
Director, Venture Center, Pune

VC-2122-0279 Verify Certificate Authenticity on: [www.venturecenter.co.in/certificate\\_authentication.php](http://www.venturecenter.co.in/certificate_authentication.php)

### Outreach activity - "Jigyasa Vigyan Mahotsav", January 2022

Organized and hosted the National Level Scientific Creativity Competition

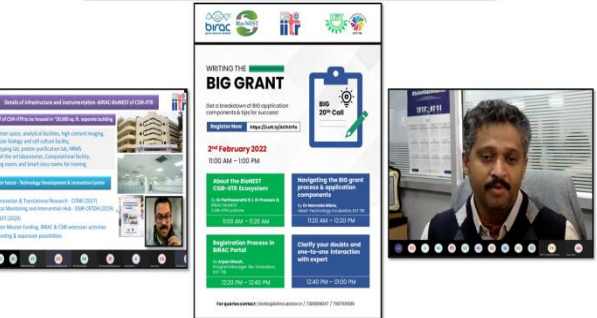
Science Showcase - Roadmap to 2047  
National Scientific Creativity Competition  
Enjoy Science with...

Boot camp I Water Conservation  
Boot camp II Video Content Creation



Water!

### Outreach activity - "BIG Grant writing session", in collaboration with KIIT-TBI, Bhubaneswar, February 2022



WRITING THE BIG GRANT

2nd February 2022  
10:00 AM - 1:00 PM

1:00 PM - 2:00 PM

2:00 PM - 3:00 PM

3:00 PM - 4:00 PM

4:00 PM - 5:00 PM

5:00 PM - 6:00 PM

### Capacity building program - participation and networking - January 2022

Participation by competitive selection and sponsorship of DST organized by Training cells of DST and IISER Pune.



**Certificate of Participation**

This is to certify that Dr. Praveen G participated in the workshop on "Scientific Project Management" conducted online during 10 - 14 January 2022, by the Indian Institute of Science Education and Research (IISER) Pune.

Dr. Vandana Gambhir  
SPM course Director  
IISER Pune

CA. Vasundhara Laad  
Joint Registrar  
IISER Pune

Col. G. Raja Sekhar (Retd.)  
Registrar  
IISER Pune



**Certificate of Participation**

This is to certify that Dr. Praveen G participated in the workshop on "Scientific Project Management" conducted online during 10 - 14 January 2022, by the Indian Institute of Science Education and Research (IISER) Pune.

Dr. Vandana Gambhir  
SPM course Director  
IISER Pune

CA. Vasundhara Laad  
Joint Registrar  
IISER Pune

Col. G. Raja Sekhar (Retd.)  
Registrar  
IISER Pune

### Capacity building program - participation and networking - November 2021

Participation by competitive selection and sponsorship of BIRAC National Biopharma Mission, organized by DBT, CDSA - THSTI and BCIL.



Training Programme on Good Clinical Laboratory Practice (GCLP)

89th, 14th, 23rd and 30th November 2021

**Certificate of Participation**

This is to certify that Dr. Praveen G participated in the workshop on "Scientific Project Management" conducted online during 10 - 14 January 2022, by the Indian Institute of Science Education and Research (IISER) Pune.

Dr. Praveen G

Organized by Clinical Development Services Agency (CDSA), Translational Health Science & Technology Institute (THSTI) and Biotech Consortium India Limited (BCIL), for National Biopharma Mission, Department of Biotechnology, Government of India



**Certificate of Participation**

This is to certify that

**Dr. Praveen. G**

has participated and successfully completed the entire modules of the Online Skill Development Training Programme on "Good Clinical Laboratory Practice (GCLP)" held on 09,16,23,30 November 2021

Organized by Clinical Development Services Agency (CDSA), Translational Health Science & Technology Institute (THSTI) and Biotech Consortium India Limited (BCIL) for National Biopharma Mission, Department of Biotechnology, Government of India

Managing Director  
Biotech Consortium India Limited

Mission Director  
National Biopharma Mission

Director Training  
Clinical Development Services Agency

CDSA/THSTI/22/0271/B

**Outreach activity - "Crest Café with Tech Winner", Webinar-1, October 2021**

Webinar series that showcases CSIR Technology Award winners of 2021 and their award winning innovations.

**Outreach activity - "BIRAC Webinar", November 2021**

Funding Opportunities at BIRAC

**Capacity building program - participation and networking - October 2021**

e-Certificate of Participation  
Dr Praveen G

e-Certificate of Participation  
Dr Praveen G

**Outreach activity - BioNEST networking and Potential showcasing event, September 2021**

A CEOs Roundtable was successfully organized on 26<sup>th</sup> September 2021 by the BioNEST of CSIR-IITR in collaboration with CSIR-National Botanical Research Institute aligned with the 80<sup>th</sup> CSIR Foundation Day Celebrations.

CEOs/Industry representatives participated = 12

लखनऊ में @CSIR\_IND-IITR के 80<sup>वें</sup> स्थापना दिवस पर आयोजित CEO-Round Table कार्यक्रम को सम्मोहित किया एवं प्रदर्शनी का शुभारंभ किया।  
Presented by: Dr. Gopika

Dr. Mahendra Singh  
@gopalmahendra

in Lucknow @CSIR\_IND Addressed the CEO Round Table program organized on the 80<sup>th</sup> Foundation Day of IITR and inaugurated the exhibition.

**Outreach activity - Northern BioNEST Cluster Roundtable, October 2021**

Northern BioNEST Cluster Roundtable

Organized by IIT, IIT Delhi  
Date: 18<sup>th</sup> October, 2021  
Time: 10:30 AM to 01:30 PM

Networking and clustering event that discussed the present capabilities of BioNEST members and modalities to increase the collaboration and tie-ups.

**Conducted First Core committee meeting - 1<sup>st</sup> September 2021**  
- CSIR-IITR BIRAC-BioNEST Project Core Committee -

To formalize and streamline the BioNEST activities of CSIR-IITR

Members present:

- Prof. S.K. Barik, Director, CSIR-IITR
- Shri.Vinayak Nath, Member, Advisory Board, BioNEST
- Dr. N. Manickam, Chief Scientist
- Dr. A.B Pant, Senior Principal Scientist
- Dr. Preeti Chaturvedi, Senior Scientist
- Dr. Sheelendra Prayag Singh, Senior Scientist
- Dr. Yatendra Kumar Satija, Scientist
- Dr. R. Parthasarathi, Principal Scientist & PI, BioNEST
- Dr. Praveen. G, Project Scientist-II, BioNEST
- Dr. Rimi Singh, Senior Project Associate, BioNEST

CSIR-IITR BIRAC 2021 BioNEST core committee meeting was conducted on 01<sup>st</sup> Sep 2021 to expedite the activities on translation and entrepreneurship. Shri.Vinayak Nath chaired the meeting & Shri.Vinayak Nath, Advisory board member of the CSIR-BioNEST project, graciously participated.

**BioNEST networking and Potential showcasing event, 20<sup>th</sup> September - 2021**  
- Meeting and interaction with Dr. Renu Swarup, Secretary, DBT -

Representation through BIRAC invitation

BIRAC's BioNEST network  
Propelling biotech startup ecosystem

1500+ 60 700+  
2500+ 1,50,000 25,000+  
6,50,000+ sqft 1000+ sqft

DBT-BIRAC @BIRAC 2021 - 5<sup>th</sup> - BIRAC 2021 BioNEST clusters & Regional Centres excel in specific niche areas & play a very important role in providing right technical & business mentoring to startups. There are 7 regional BioNEST clusters. The cluster members highlighted the initiatives they are undertaking.

### Capacity building program - participation and networking - August 2021



**Online City Camp on Essentials of Scientific Entrepreneurship**  
 Organized by BIRAC @ Venture Center and in collaboration with AISSMS Institute of Information Technology, Pune  
 On 26-27 August 2021  
 Time: 09:30 am - 1:00 pm

**Supporting Partners:** BIRAC, AICTE, NISTEDB, BIRAC, IISER, CSIR, DSR, TIFAC, etc.

**CERTIFICATE OF PARTICIPATION**  
 This is presented to  
**PRAVEEN G.**  
 for attending the Online City Camp on Essentials of Scientific Entrepreneurship held on 26-27 August 2021  
 DR. V. PREMNATH, Director, Venture Center, Pune  
 DR. P. B. MANE, Principal, AISSMSIIT, Pune

### Hosted a webinar & knowledge session on 3D Printing

**Exclusive webinar & knowledge session on The Potential of 3D Bioprinting in Life Sciences**  
 on 4<sup>th</sup> of June 2021, 11:00 AM IST

**Register Now**  
<https://www.zoom.us/j/92512345678>

**Topics to be covered:**

- Principle of Bioprinting
- Areas of Application
- Global demand of this technology
- CELLNEX Solution- Bioprinters
- Specifications & features of a Bioprinter

**Networking event:**  
 46 participants attended including 11 faculty/ scientists.

**Outreach activity – BioNEST networking and Potential showcasing event, August 2021**

**Representation through BIRAC invitation**

**Day 1- Involvement in Panel discussion**  
**Day 2- Involvement through incubatee showcase**  
**Day 3- Involvement through session moderation**



### Global Bio-India 2021 participation & outreach during 1<sup>st</sup> - 3<sup>rd</sup> March 2020

**Virtual pavilion during GBI exhibition**

**Participation in Biopartnering event**


**Companies expressed interest for incubation:**

1. Arogam Medisoft
2. Caliche Pvt Ltd
3. Denovo Biolabs
4. DuoBio bio-innovations
5. MEDGRUB
6. Nextec Lifesciences
7. Inoviea Ventures
8. Octagon Therapeutics

**Incubation sensitization programme organized by DPIIT and BIRAC on 10<sup>th</sup> May 2021**

**Institute representation through BIRAC invitation**

**Startup India workshop for incubators supported by BIRAC.**  
 The workshop was aimed at sensitizing incubators about the guidelines of the Startup India Seed Fund Scheme



**III. STARTUP INDIA SEED FUND SCHEME**  
 Type and Quantum of Fund

DPIIT	Incubator	Startup
<ul style="list-style-type: none"> <li>Grant of up to ₹ 5 Cr</li> <li>Provided in 3 or more tranches. Quantum of first tranche may be up to 40% of total approved commitment</li> <li>Next tranche may be requested when cash-to-hand of incubator goes below 10%</li> <li>A component of Management Fee @ 1% of Seed Fund grant to the incubator will be provided</li> </ul>	<ul style="list-style-type: none"> <li>Incubator</li> </ul>	<ul style="list-style-type: none"> <li>Grant of up to Rs. 20 Lakhs (inclusive band) to conduct Proof of Concept, to be released in less than 60 days from receipt of application</li> <li>Convertible Debentures or Seed linked investment of up to Rs. 50 lakhs for startups looking for commercialization or scale-up support</li> <li>Unsecured loan with Rate of Interest not more than prevailing repo rate</li> <li>Fixed Tenure - not more than 60 months</li> <li>Not more than 20% of total grant to incubator shall be given as grants to startups</li> </ul>

### Incubation Manager Immersion programme (IMIP) organized by BIRAC & CCAMP on 16<sup>th</sup> Feb 2021

**Institute representation through BIRAC invitation**

**Critical success Factor Framework- Mapping Success**

**Network capabilities & modalities for fixing gaps in exchange of incubation potentials were analyzed and discussed**

**INCUBATOR MANAGER IMMERSION PROGRAM**

**Topics of Discussion:**

- Incubator purpose, goals, needs
- Operational structure
- Funding and sustainability models for incubators
- Self-employment, subsidiaries and incubator engagement

**Global Bio-India 2021 Virtual Road show on 24<sup>th</sup> February 2021**

**The Role of CSIR in Biotechnological Innovation and Bioentrepreneurship in India**

**During the event, activities of various CSIR labs and centers in promotion of Innovation and bio-entrepreneurship were showcased and discussed**

**Speakers:**

- Dr. N. Madhusudhana Rao, CSIR-CCMB
- Dr. Saurabh Saran, CSIR-IIM
- Dr. Mahesh Gupta, CSIR - IHBT
- Dr. Ramjee Pallela, CSIR-CCMB
- Dr. R. Parthasarathi, CSIR-IITR
- Dr. Bhuvnesh Shrivastava, BIRAC