



BCIL

NEWSLETTER



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From the Managing Director



I am pleased to share several interesting activities undertaken by Biotech Consortium India Limited (BCIL) covering project management, entrepreneurship development programme, human resource development, Intellectual Property and innovation management, Biosafety for facilitating commercialization of biotechnology.

I would particularly like to highlight activities in the area of plant tissue culture, wherein BCIL trained the first batch of African nationals on plant tissue culture and quality management. We also share a successfully story of an entrepreneur who was trained in an Entrepreneurship Development Programme organised by us and has moved on to set up the first private sector plant tissue culture unit in North Eastern Region.

I invite our readers to share your ideas on future opportunities/collaborations which BCIL could pursue to promote biotechnology commercialization.

Dr. Purnima Sharma
Managing Director
Biotech Consortium India Limited

First Private Plant Tissue Culture Unit in North Eastern Region

As part of the Entrepreneurship Development Programme that was implemented by BCIL with support from DBT, several 1st generation entrepreneurs have established plant tissue culture units in the North Eastern Region. BCIL not only facilitated trainings but also assisted in preparing business plans and detailed project reports for these entrepreneurs.

Pratyaksha Agrotech Private Limited, established by Mr. Supratim Roy Choudhury is one such successful private sector plant tissue culture facility in the North Eastern Region running for the past three years. The facility has capacity for producing about 15 lakh plants with the future plans to expand to the capacity of 60 lakh plants/annum. It



has successfully produced 12 lakh plants last year which includes Banana, Strawberry, Pineapple, Bamboo, Orchids etc. It has also been recognized as a startup by DIPP, Govt of India under STARTUP India scheme.

Training of African Nationals on Plant Tissue Culture and Quality Management

- Dr. Shiv Kant Shukla, Dy. General Manager, BCIL

In continuation to various initiatives by the Government of India for the India-Africa partnership, Biotech Consortium India Limited (BCIL) with support from Ministry of External Affairs and Department of Biotechnology (DBT), Ministry of Science and Technology has initiated a five year program on “Comprehensive Capacity Building Program on Commercial Micro-propagation in Africa”. The key features of the program include

- Training laboratory staff from tissue culture companies and scientists from research institutions of Africa
- Producing trained employable manpower to address the needs of African Micro-propagation Industry
- Organising awareness and training of progressive African farmers and potential entrepreneurs.

The program will cover 17 countries from eastern, central and southern Africa.

To begin with, “Training of the laboratory staff from tissue culture companies and scientists from research institutions of Africa on effective management of operations, disease diagnosis (virus indexing) and true to type (genetic fidelity) testing”, was organized from 30th January to 11th February 2017. Fifteen candidates representing 8 African countries participated in the two week training workshop. The two components of the training workshop viz commercial tissue culture operations and quality management were convened at Sheel Biotech Ltd.,



African participants at Sheel Biotech Ltd, Manesar, Gurgaon and at Vasantdada Sugar Institute (VSI), Pune

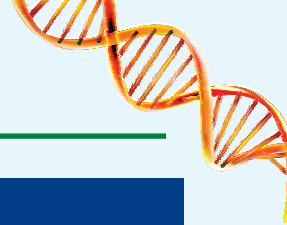
Manesar, Gurgaon and Vasantdada Sugar Institute (VSI), Pune respectively. Lectures by subject specific experts and hands on training were part of the training program.



(1) Dr. Neena Malhotra, Joint Secretary, Ministry of External Affairs, GoI, Dr. Suman Govil, Advisor, DBT, GoI and Dr. Purnima Sharma, MD, BCIL at the training workshop (2) Interaction with participants (3 & 4) Hands on training in plant tissue culture techniques

National Certification System for Tissue Culture Raised Plants

The National Certification System for Tissue Culture raised Plants (NCS-TCP) was established by DBT in 2006 under the Seeds Act 1966 for facilitating production and distribution of quality tissue culture plants in the country. It is a comprehensive and dynamic system which mentors the tissue culture companies to maintain high quality standards and helps in improving their visibility and expanding their market reach. As a significant outcome, there has been no major virus outbreaks reported in the country for the last 10 years. BCIL has been managing the NCS-TCP program for DBT since its inception and has been regularly organising awareness programs.



Awareness Programs on the National Certification System for Tissue Culture Raised Plants

- Dr. Shiv Kant Shukla, Dy. General Manager, BCIL

Two awareness programs were organised by BCIL with support from DBT at Vasantdada Sugar Institute, Pune on March 27, 2017 and at University of Agricultural Sciences, Bangalore on March 30, 2017. The awareness programs were attended by more than 130 participants including government officials, representatives from the tissue culture industry and progressive farmers.

The programs included technical and interactive sessions. Members of the Project Monitoring and Evaluation Committee (PMEC), senior experts, state government officials delivered presentations in the technical sessions and also chaired the interactive sessions. Experiences were shared by the tissue culture production facilities which are using certified plants, representatives from Accredited Test Laboratories (ATL), Referral Centres and State Agriculture/ Horticulture Department.

Resource Persons

- Prof. Anupam Varma, Chairman, Project Monitoring and Evaluation Committee
- Dr. H. Shivanna, Hon'ble Vice Chancellor, UAS, Bangalore
- Dr. K. Gurumurthi, Former Director, IFGTB, Coimbatore
- Prof. P. Balasubramaniam, Former Director, Centre for Plant Molecular Biology, Tamil Nadu Agricultural University
- Dr. Rajani Nadgauda, Professor Emeritus, Indian Institute of Advance Research
- Dr. Vidya Gupta, Former Chief Scientist and Chair, National Chemical Laboratory, Pune
- Dr. H. Khader Khan, Dean (Agri), Coordinator and Institution Head, College of Agriculture, UAS, GKVK, Bangalore
- Dr. K.T. Rangaswamy, Professor Department of Plant Pathology UAS, GKVK, Bangalore
- Dr. R.M. Devarumath, Scientist and Project Coordinator of ATL
- Shri V. B. Ingale, Director of Agriculture, Govt. of Maharashtra
- Mr. Krishnamurthy, Joint Director, Department of Horticulture, Karnataka
- Dr. Purnima Sharma, Managing Director, BCIL
- Dr. Shiv Kant Shukla, Dy. General Manager, BCIL
- Dr. R. Devarumath, Scientist & Project Coordinator



Awareness Program at Pune



Awareness Program at Bangalore

Workshop on Technology and Innovation Management: Key to Effective Commercialization

- Ms Anita Sharma, Manager, BCIL

A workshop on Technology and Innovation Management: Key to Effective Commercialization was organized by the Distributed Information Sub Center (DISC) of DBT set up at BCIL on February 21, 2017 at New Delhi. The workshop is an annual event under DISC which has been established by DBT as part of its flagship Biotechnology Information System Network (BTISNET) programme. The BTIS network has 170 institutions associated with the programme with BCIL being a DISC since 1992.

The objective of the workshop was to create awareness about the key issues in technology development and commercialization. Dr Amita Prasad, Additional Secretary, Ministry of Environment, Forest & Climate Change and Dr. T. Madhan Mohan, Adviser, DBT, Ministry of Science and Technology graced the inaugural session of the event.

The first edition of the 'BCIL Newsletter', for sharing of information on the services provided by BCIL for a range of stakeholders was also released during the workshop.

More than 100 participants attended the workshop including representatives from the Biotechnology Industry, Research & Development Institutions, Students from universities and colleges and entrepreneurs. Presentations were delivered by eminent experts on relevant aspects such as managing collaborations, IP issues during technology development, tangible and intangible intellectual assets, regulatory compliance for expeditious technology development

Resource persons

- Dr. Renu Swarup, Senior Advisor, DBT, and MD, BIRAC
- Dr. Premnath V, Head, IPO Group, NCL Innovations, Pune
- Dr. Shantanu De, Associate Vice President & Head IP, Sun Pharma, Gurgaon
- Dr. S. Harinarayana Rao, Vice President, Reliance Life Sciences, Mumbai
- Dr. Shirshendu Mukherjee, Mission Director, PMU (DBT- BIRAC-BMGF-Wellcome Trust)
- Dr. Sriram Natarajan, Managing Director, Molbio Diagnostics Goa
- Dr. Taslimarif Saiyed, Director and COO, C-CAMP, Bangalore
- Dr. Suchita Markan, AGM, BCIL
- Ms. Shreya Malik, DM, BCIL.

and government initiatives for facilitating commercialization. Case studies were also presented by speakers during the workshop.



L to R: Dr Purnima Sharma, MD BCIL; Dr.Amita Prasad, Additional Secretary, MOEF&CC; Dr. T. Madhan Mohan, Adviser, DBT and Dr. Vibha Ahuja, CGM, BCIL releasing the first issue of BCIL Newsletter

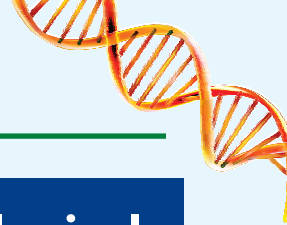


Participants during the workshop

Review Meeting on Progress of the Distributed Information Sub Centre

The progress of the work under the DISC is reviewed annually through group meetings of all DISC centres. This year the review meeting was organized at the Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Navi Mumbai on February 3-4, 2017 wherein the present activities and future action plan were presented to the Taskforce and other members of the BTISNET programme.

Several activities being implemented by BCIL DISC include a number of publications and periodicals, databases, status reports and organization of several seminars, workshops, events, entrepreneurs' meets etc for promotion of commercial biotechnology were presented at the meeting. The BCIL DISC also runs a Biotechnology Club with more than 100 members.



Awareness Workshop on Guidelines on Access to Biological Resources and Associated Knowledge and Benefit Sharing

- Dr Sanchita Chaudhary, Assistant General Manger, BCIL

An Awareness Workshop on the Guidelines for Access to Biological Resources under the Biological Diversity (BD) Act, 2002 was organised at Hotel Starottel, Ahmedabad on March 24, 2017. The workshop was organised by BCIL with support from DBT and Centre for Biodiversity Policy and Law (CEBPOL), National Biodiversity Authority (NBA) in collaboration with Gujarat State Biotechnology Mission (GSBTM), Government of Gujarat.

The workshop was aimed at creating awareness about the provisions of the BD Act, 2002 and in particular, the 'Guidelines on Access to Biological Resources and Associated Knowledge and Benefits Sharing', 2014 in order to facilitate regulatory compliance. It also served as an interactive platform for clarifying issues regarding Access and Benefit Sharing (ABS) among participants and enabled getting valuable feedback regarding the problems faced by the applicants.

Prof. M. K. Ramesh, NLSIU Bangalore, Shri T. Rabikumar, Secretary NBA, Dr. Shivendu K. Srivastava, Member Expert Committee on ABS, and Dr. Subhash Soni, Mission Director, GSBTM were the key resource persons at the workshop. The workshop was attended by more than 90 participants which included scientists from public and private sector engaged in research utilizing biological resources, IP officials from industry, institutes and government agencies.



Capacity Building Workshops on Grant Writing Skills and Effective Management of Intellectual Property Rights in Biotechnology in The North Eastern Region

- Dr Sanchita Chaudhary, Assistant General Manager, BCIL

As part of series of five workshops on Grant Writing Skills and Effective Management of Intellectual Property Rights (IPR) in Biotechnology in the North Eastern region, two workshops were organized by BCIL at Tripura University, Suryamaninagar (February 23-25, 2017) and Manipur University, Imphal (March 20-22, 2017). The workshops were organized with the support of DBT for capacity building of scientists from the research institutions and universities from the North Eastern Region particularly Arunachal Pradesh, Assam, Tripura and Manipur.

The workshops aimed at capacity building of scientists on different aspects of grant writing skills for extramural funding and also for creating awareness about the concepts of IPR regime in biotechnology.

The key resource persons included Prof. A. K. Ghosh, Vice Chancellor, Tripura University; Dr. D. Sahoo, Director, Institute of Bioresource & Sustainable Development (IBSD); Dr. N. C. Talukdar, Director, Institute of Advanced Study in Science and Technology, Guwahati; Dr. Pawan Sharma, Senior Consultant, NER-BPMC; Dr. S. K. Mitra,

Former Deputy Controller of Patents, Kolkata Patent Office; Dr. Sanchita Ganguli, IP Attorney and other experts.



Inaugural sessions of the workshop at Tripura and Manipur University



Participants of the workshop

Entrepreneurship Development Programme for Creating and Nurturing Women Entrepreneurs

- Ms. Shreya Malik, Deputy Manager, BCIL

In continuation to the Entrepreneurship Development Programs on Bio-Entrepreneurship and Bio-Enterprise Creation convened at Mohali and Lucknow in 2016, a third program was organized for Women Entrepreneurs at Chennai on February 27th-28th, 2017 in partnership with Golden Jubilee Biotech Park for Women Society. BCIL has been organizing these programs with support from National Academy of Sciences, India (NASI).

The two day program included presentations by subject specific experts on prospective business opportunities, key issues and challenges towards nurturing start-ups, IP management, assessment of technologies, licensing, partnering and strategic alliances, strategies for market entry, approaches to successful team building, funding opportunities, regulatory requirements for biotech products, etc. A visit to the Golden Jubilee Biotech Park for Women Society for interaction with the women entrepreneurs based at the Biotech Park was also undertaken as part of the program. About 105 budding women entrepreneurs participated in the workshop.

The eminent speakers at the workshop included Prof. MS Swaminathan, Founder Chairman & Chief Mentor UNESCO Chair in Ecotechnology, M. S. Swaminathan Research Foundation; Dr. Manju Sharma, Chairperson, NASI-New initiatives, Distinguished Women Scientist Chair, NASI & Former Secretary to Govt. of India, DBT; Shri. K. Rajaraman, Principal Secretary & Director, Entrepreneurship Development Institute of Tamil



Nadu and Dr. P.M. Murali, President, Association of Biotechnology Led Enterprises (ABLE); MD & CEO of Evolva Biotech Pvt. Ltd. and Chairman, Golden Jubilee Biotech Park for Women society.

Brainstorming Session for National Course Curriculum Revision Exercise of Post-Graduate Programmes in Biotechnology

(Ms. Shreya Malik, Deputy Manager, BCIL)

A national exercise towards revising the course curriculum of post-graduate programs in biotechnology is being done by BCIL for DBT. The program is aimed at reframing the curriculum guidelines for 13 post graduate courses for MSc/MTech/MSc(Agri)/MVSc programs in biotechnology that are supported by DBT across India.

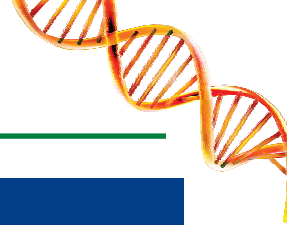
The exercise will help identify areas in which the courses need updation through seeking views from all concerned stakeholders and facilitate development of a need based curricula through expert groups.

To begin with a multi-stakeholder survey to elicit the updation needs for various course curricula in biotechnology being taught across the country was conducted by BCIL and feedback from 165 academicians, scientists, industry representatives and students was received. The country needs skilled human resource, especially of young

graduates and post-graduate along the value chain and we hope that these course curricula shall serve as model guidelines for academicians and educators across the country for design and development of biotechnology course curriculum in their own institutions.

A Core Committee and 8 subject-specific committees with 65 subject-specific experts were constituted and several brainstorming sessions were organized. The brain storming sessions enabled discussion on the required revisions and updation needed in the curricula towards achieving the desired balance between the foundation courses and recent developments in biotechnology.

The final meeting of the Core Committee to finalize the revisions made in the curricula during the several brainstorming sessions was convened in BCIL on 16th – 17th March 2017.



Highlights of Biotech Industrial Training Programme for 2016-17

- Mr Manoj Gupta, Manager and Ms Nisha Singh, Jr Assistant Manager, BCIL

The Biotech Industrial Training Programme (BITP) is being implemented by BCIL since 1993-1994. This flagship program of DBT is aimed towards providing training to M.Sc./M.Tech./B.Tech. (Biotechnology) students after completion of their post graduate degree.

BITP facilitates providing practical industrial exposure to postgraduate students for six months in the biotech industry. It helps improve the job prospects and also helps biotech industry identify prospective manpower. The core subjects of training include molecular biology, microbiology, bioprocess technology, rDNA technology, molecular diagnostics, immunology, bioinformatics, plant tissue culture, biopharmaceuticals, cell biology, biochemistry, intellectual property rights, oncology, animal cell culture, enzymology, toxicology and animal studies, plant biotechnology, protein engineering and herbal drug technology. A large number of candidates are trained in the area of research and development, production, quality control/quality assurance and also in the area of bioinformatics, IPR, clinical trials, marketing/management etc.

BITP has successfully completed its training for the year 2016-17 and 596 candidates from 140 universities were trained at 109 companies across India.

A Glimpse of Biotech Companies where Trainings were imparted in 2016-2017

- Dr. Reddy's Laboratories Ltd., Hyderabad,
- Biocon Ltd., Bangalore,
- Anil Bioplus, Ahmedabad,
- Serum Institute of India, Pune,
- Wockhardt Research Center, Aurangabad,
- Biological E Ltd., Hyderabad,
- Aurigene Discovery Technologies, Bangalore
- Dabur Research Foundation, Ghaziabad,
- Panacea Biotech Ltd., Delhi,
- JK Agri-genetics, Hyderabad,
- Micro Labs, Bangalore, Bangalore
- Biozeen, Bangalore
- Nagarjuna Fertilizers, Hyderabad,
- Advanta India Limited, Bangalore,
- Indo-American Hybrid Seeds, Bangalore,
- Intas Biopharmaceuticals Ltd., Ahmedabad,
- Maharashtra Hybrid Seeds Co. Ltd, Jalna,
- Shantha Biotech, Hyderabad
- Cipla Ltd., Raigarh,
- T Stanes and Co. Ltd, Coimbatore,
- Praj Matrix, Pune

BCIL as the Management Agency for DBT - Conference, Travel, Exhibition, Popular Lecture (CTEP)

(Ms Anita Sharma, Manager, BCIL)

BCIL is the management agency for DBT- Conference, Travel, Exhibition, Popular Lecture (CTEP) programme since February 1, 2017. The programme is being implemented through an Online Submission and Monitoring System (OSMoSYS) at www.dbtctep.gov.in.

The activities starting from registration requests, verification of documents, scrutinizing of proposals, meeting coordination, processing and disbursement of grants are being taken care by BCIL.

Under the DBT-CTEP program DBT provides financial assistance to popularize biotechnology activities in India for following types of proposals:

- For holding National/International-Conference/Seminar/Symposium/workshop
- Foreign Travel support for the researchers towards attending international conference/seminar/symposia
- Organizing exhibitions both in India and abroad
- For organizing popular lectures by experts in the area of modern biology, biotechnology and related fields.

For more information about the programme please visit www.dbtctep.gov.in

3rd Review Meeting on “Overseas Associateship Program” for North East Region

- Mr. Vinod Kumar, Manager and Mr. Krishan Rawat, Deputy Manager, BCIL

The “Award of Biotechnology Overseas Associateship”, is a program of DBT for the scientists working in the North Eastern (NE) States and is being managed by BCIL. An Associateship is awarded to researcher’s working in any of the NE States of India towards conducting research or training at overseas universities in different areas of biotechnology/life sciences based subjects. The programs reviewed annually through an expert committee by way of a “Colloquium”. Till date 170 researchers from NER have been awarded this Associateship.

The 3rd review meeting of the Overseas Associateship program for NER was organized from November 29th - 30th, 2016 at Gangtok collectively by BCIL and Sikkim State Council of Science & Technology, Gangtok with support from DBT.

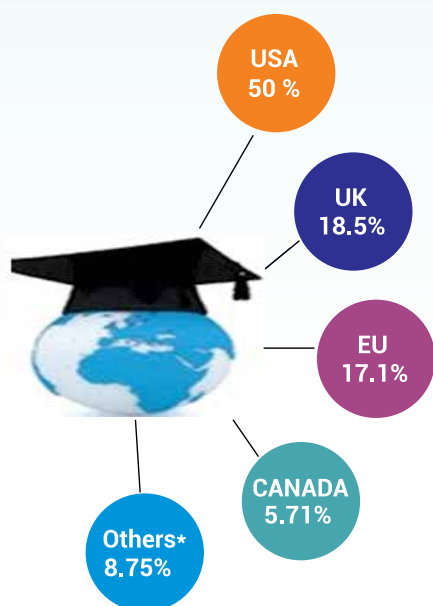
Shri Tshering Wangdi Lepcha, Hon’ble Minister, Department of Science, Technology and Climate Change, Government of Sikkim graced the meeting. Shri Lepcha highlighted the importance of biotechnological research in Sikkim, a State rich in bioresources. He acknowledged the role of DBT in enhancing the growth and development of scientific researches and infrastructure in the state. Dr. Dinabandhu Sahoo, Director Institute of Bioresources



and sustainable Development (IBSD), Imphal highlighted the key features of the DBT program. Suggestions for taking up farmer oriented research in the future by DBT were also proposed.

The two day meeting was attended by 70 Beneficiaries of Overseas Associateship from various scientific institutes and Universities from the NE region. The invited awardees gave presentations to the expert committee highlighting their key activities during the training/research at overseas institutions as well as the activities undertaken post associateship. The expert committee appreciated the progress made by the awardees post their overseas associateship and appreciated the efficient management strategies adopted by BCIL in management of this programme.

Leading overseas Institutions where the DBT/NER overseas associateship awardees are trained



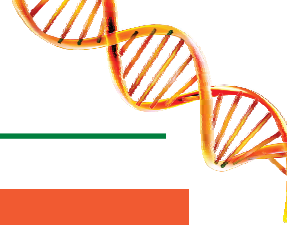
- Boston Children Hospital, Harvard Medical School
- Cornell University
- Washington State University
- University of Texas
- United States Department of Agriculture (USDA)
- University of California
- University of Wisconsin
- The Vaccine Research Institute of San Diego

- University of Glasgow
- University of Strathclyde Science
- The Food and Environment Research Agency
- University of Aberdeen
- University of Wolverhampton

- Lakehead University
- Concordia University
- University of British Columbia

- Uppsala University, Sweden
- Gent University, Belgium
- University of Regensburg, Germany
- Institute of farm Animal Genetics, Germany
- IFAPA Centre, Alameda del Obispo, Spain
- Laboratoire Interactions Plantes Microbes, France
- CNRS-INRA, France

- National Institute of Biomedical Innovation, Japan
- CSIRO, Canberra, Australia
- Yat-sen University Cancer Centre, China
- University of Southern Queensland, Australia
- Invermay Agricultural Centre, New Zealand



Workshop on Phase II Capacity Building Project on Biosafety: Outcomes and Way Forward

- Dr Vibha Ahuja, Chief General Manager and Ms Sonia Kaushik, Assistant Manager, BCIL

The Ministry of Environment, Forest and Climate Change (MoEF&CC), has been implementing a UNEP/GEF supported Phase II Capacity Building Project on Biosafety since 2012 with BCIL being the Project Coordination Unit. As the project has come to close, a workshop aimed towards sharing the project outcomes and seeking inputs for way forward was organized collectively by MoEF&CC and BCIL on March 15, 2017 at New Delhi.

The workshop program facilitated sharing of key achievements and project outcomes at the opening session, followed by a technical session with project partners giving inputs on plan for the next phase. A poster exhibition was also organized on the sidelines of the workshop wherein project partners showcased their activities/outcomes under the four thrust areas of the Phase II Capacity Building Project on Biosafety i.e., Risk Assessment and Risk Management (RARM), Handling, Transport, Packaging and Identification (HTPI) of LMOs, Socio-Economic Considerations (SECs) and Public Awareness (PA). The publications that have been prepared by BCIL as one of the project partners under the PA component were also showcased at the poster session.

The guest of honor, Shri Ajay Narayan Jha, Secretary, MoEF&CC graced the workshop which was attended by approximately 130 participants including UNEP representative Dr. Alex Owusu Biney, Portfolio Manager, national and international project partners. In addition regulators, senior officials from MoEF&CC and other concerned ministries/departments, scientists, industry representatives and students also participated in the opening session of the workshop.

Shri Ajay Narayan Jha, Secretary, MoEF&CC released three booklets namely Understanding Cartagena Protocol on Biosafety: A Guide, Handbook on Biosafety Clearing

Eminent Dignitaries from the Opening Session

- Shri Ajay Narayan Jha, Secretary, MoEF&CC
- Dr. Amita Prasad, Additional Secretary, MoEF&CC and National Project Director, Phase II Capacity Building Project on Biosafety
- Shri Gyanesh Bharti, Joint Secretary, MoEF&CC and National Project Coordinator, Phase II Capacity Building Project on Biosafety
- Dr. Alex Owusu Biney, Portfolio Manager, UNEP
- Dr. Morven McLean, Executive Director: ILSI-Research Foundation
- Dr. Sachin Chaturvedi, Director-General, Research and Information System for Developing Countries (RIS)

House: An Information Sharing Platform and Strengthening Regional Cooperation: Sharing Biosafety Project Outcomes at Regional and International Platforms prepared by BCIL as part of the project.

The association of BCIL as the Project Coordination Unit in timely implementation of the project activities was highly appreciated by Dr. Alex Owusu Biney, Portfolio Manager, UNEP. He congratulated MoEF&CC for putting in place such an institutional arrangement for coordinating the project activities and ensuring that project reporting is done as per the GEF/UNEP requirements.

An E-application system for applying and seeking approvals from GEAC was also launched by Shri Ajay Narayan Jha at the workshop as a step towards bringing digital India into biosafety regulations.





Project publications prepared by BCIL with support from MoEFCC

Orientation Program for Budding Medtech Entrepreneurs under the SIB Program

- Dr. Suchita Markan, Assistant General Manager, BCIL

In order to guide the fellows of 3rd batch of School of International Biodesign (SIB) about processes and procedures to be followed during the course of the biodesign programme, an Orientation Program was organized by BCIL on March 30, 2017 at the SIB Centre, AIIMS. The 3rd batch includes SIB fellows from Hiroshima University, Japan, Queensland University of Technology, Australia and fellows from India.

SIB is a flagship program of DBT aimed to develop innovative and affordable medical devices as per unmet clinical needs of India and to train next generation of medical technology innovators in India. It is being managed by BCIL including the techno-legal activities of the program.

As Intellectual Property (IP) is an essential component of the SIB programme, an overview of Intellectual Property Rights and their protection in India was mentioned. In addition the



other topics such as understanding of the legal agreements and frameworks, importance of maintaining confidentiality during innovation process, regulatory structure for medical device regulation in India and recent policy initiatives taken by the Government of India to foster Medtech innovation were also included as part of the orientation program.

Opportunity in Biotechnology - Biotech Industrial Training Programme

A programme of the Department of Biotechnology, Ministry of Science and Technology, Govtof India, being managed by Biotech Consortium India Limited (BCIL), enables to provide practical industrial exposure for six months to post graduate students to improve job prospects and helps biotech industry to identify prospective manpower.

THE NOTIFICATION FOR BITP 2017-18 BATCH WILL APPEAR SHORTLY IN LEADING NEWSPAPERS.

Attention: Biotech Industry (Startups to Multinationals)

For Industry – To train students and identify prospective manpower at no cost

Biotech companies are encouraged to participate in programme by giving their requisition to impart practical training to the students of biotechnology who could be the prospective manpower. The companies would have no obligation towards any payments to trainees.

Attention: Biotech Students from Universities and Institutions

For Students – To get six months industrial exposure for their dream biotech career

Excellent platform for students to enhance their skills and hands on experience in industrial environment in desired areas of biotechnology.

For eligibility, selection criteria, how to apply and further details, you may visit BCIL website at <http://bcil.nic.in> or write to us at bitp.dbt@nic.in

Important Timelines

- | | |
|----------------------|--|
| • May | Notification in Newspapers and portal open for receiving applications and requisitions from companies. |
| • July | Online test |
| • August – September | Interviews for selected candidates |
| • September | Allocation of companies |
| • October – November | Commencement of training |
| • March – April | Completion of training |

For further information please visit BCIL website
www.bcil.nic.in or send a mail to

Dr. Vibha Ahuja, Chief General Manager

Biotech Consortium India Limited

Anuvrat Bhawan, 5th Floor, 210, Deen Dayal Upadhyaya Marg, New Delhi - 110 002

Tel: ++91-11-23219064-67 (Ext. 205); 23219059 (D)

Fax No. ++91-11-23219063, Email: vibhaahuja.bcil@nic.in; info.bcil@nic.in