



## Litchi City of India – Muzaffarpur Presents....



*Biotech Development & Research Institute" (BDRI) - A Sister Concern of Sumitra Welfare Foundation (a reg. organization under Act 21, 1860, Govt. of India). BDRI was established in 2006 under Uttar Pradesh jurisdiction and reconstituted in 2013 on all India level and Regional Office has been established in The Legacy Litchi City – Muzaffarpur (Bihar).*

## जैवप्रौद्योगिकी विकास एवं अनुसंधान संस्थान BIOTECH DEVELOPMENT & RESEARCH INSTITUTE

**Regional Office: Kalambag-Khabra Link Road, Kalambag, South of L. S. College,  
Near Pani Tanki, Muzaffarpur 842001 (Bihar)**

**Email: [bdri.india2017@gmail.com](mailto:bdri.india2017@gmail.com)**

**Contact Numbers: +91-9472447576, 7870981477(Call & Whatsapp),**

**Visit : [www.bdriindia.com](http://www.bdriindia.com)**

## ABOUT BDRI

After becoming IT bellwether, India is now shifting its focus to the most promising Biotechnology industry of the future. “**Biotech Development & Research Institute**”(BDRI) - a sister concern of **Sumitra Welfare Foundation** (a reg. organization under Act 21, 1860, Govt. of India). **BDRI** was established in 2006 under Uttar Pradesh jurisdiction which is reconstituted in 2013 on all India level and **Regional Office** has been established in **The Legacy Litchi City - Muzaffarpur** (Bihar). The impact of Biotechnology has already been visible and the efforts illuminating into analysis, product and processes.

### VISION

**BDRI** play a vital role for Biotechnology and Life Sciences with its large pool of scientific talent with world-class information's in technology became “**A Bridge between Academia and industries**” and vibrant significant in the global biotech related area.

### MISSION

The deep involvement of the scientific community through a number of technical task forces and individual experts in Identification, Training, Formulation, Implementation and monitoring of various programs and activities.

The training program based on laboratory manuals should be made available to the participants at the beginning of the courses. Apart from giving detailed protocols for lab exercises, techniques include the practical (Hands-on training, On-Job training) to explain the techniques/protocols, Which are need of the Industries.



## CERTIFICATE OF REGISTRATION

UNDER SOCIETIES REGISTRATION ACT XXI OF 1860

Registration No. S/1249/NE/2013/2012

I hereby certify that SUMITRA  
WELFARE FOUNDATION

Located at C-17/1, (GF), Kh. No. 396/2, Gadi  
No. 1, Bhojanpura, Anand Dhaba, Delhi

has been registered\*  
under SOCIETIES REGISTRATION ACT OF 1860.

Given under my hand at Delhi on this 16<sup>th</sup> day of  
August - Two Thousand Twelve. Thirteen



Smita  
I. S. K. Nigam  
REGISTRAR OF SOCIETIES  
GOVT. OF NCT OF DELHI  
DELHI

\* This document certifies registration under the Society Registration Act, 1860 However any Govt. department or any other association/ person may kindly make necessary verification (on their own) of the assets and liabilities of the society before entering into any contract/assignment with them.)

# OUR TRAINING PROGRAMS

## INTERNSHIP PROGRAM

Internship is one of the important way for professional students who will want to work with an industry or companies in future. Internship provides an opportunity to boost the knowledge practically; it should give a chance to know more about industry internally.

### Why Internship During Course ?

- + Internship is a Test-drive of knowledge and skills might help to find future employer.
- + It develops the work confidence and grooms to a role-model.
- + It can make Strengthen in CV.
- + If Participants do well, they have a good network.
- + It can be the experience of a lifetime.
- + If internship will take every year, easy to stand as start- up.

**Eligibility :** *Pursuing/Passed/Working PhD./ M.Tech./ M.Sc./ B.Tech./ B.Sc./ Diploma in Biotechnology, Food Technology, Industrial Microbiology, Industrial Microbiology, Dairy Technology, Biochemistry, B.Pharma, M.Pharma, Industrial Chemistry, Soil Science, Environmental Science & Agricultural Science etc.*

**Strength of Participants:** *Only 10 participants per batch.*

**Program Duration** : *08 Week to 24 Week.*

**Working Schedule** : *5 days in a week (Mon–Fri) 10:30AM–04:00PM*

**Program Highlights** : *Hands-on Training, Lecture, Industries based protocol, Industrial visit, Industrial Documentation, Record Keeping, Job Assistance.*

## SHORT TERM TRAINING PROGRAMME

### **SUMMER TRAINING/WINTER TRAINING/ON-JOB, (INDUSTRIAL) TRAINING**

BDRI Biotechnology Training programs goal to train all the interested individuals to function as independent researchers/experts in a multidisciplinary environment to achieve them. During college time students learn about various technology and equipment, they only become familiar with them. But here in BDRI, they become friendly with their use and manual guide i.e., how to operate, what type of problems may occur while working, what are their remedies.

**Summer Training** : *March to October.*

**Winter Training** : *November to February.*

**On-Job Training** : *Throughout the year.*

**Eligibility :** *Pursuing/Passed/Working PhD./ M.Tech./ M.Sc./ B.Tech./ B.Sc./ Diploma in Biotechnology, Food Technology, Industrial Microbiology, Industrial Microbiology, Dairy Technology, Biochemistry, B.Pharma, M.Pharma, Industrial Chemistry, Soil Science, Environmental Science & Agricultural Science etc.*

**Strength of Participants:** *Only 10-20 participants per batch.*

**Program Duration** : *02 Week to 04 Week.*

**Working Schedule** : *5 days in a week (Mon–Fri) 10:30AM–04:00PM*

**Program Highlights** : *Hands-on Training, Lecture, Industries based protocol, Industrial visit, Industrial Documentation, Record Keeping, Job Assistanc*

## PROJECT WORK/DISSERTATION

BDRI has been taking up the most challenging industrial projects with the most innovative Research activities. Selection of an Industrial and live project in biotechnology, clinical research, SAS, and related discipline is assisted by our laboratory experts so that a student may meet up the challenges of present Biotechnology and pharma industry. BDRI is one of the most reliable laboratory which is associated with the visiting scientists from almost all the Indian Government Biotechnology and molecular biology labs. This project training period will be very crucial for any student who perusing Industrial Project since he or she will be get aware about live project work and how technology involved in completion of making live projects

**Eligibility :** *Pursuing/Passed/Working PhD./ M.Tech./ M.Sc./ B.Tech./ B.Sc./ Diploma in Biotechnology, Food Technology, Industrial Microbiology, Industrial Microbiology, Dairy Technology, Biochemistry, B.Pharma, M.Pharma, Industrial Chemistry, Soil Science, Environmental Science & Agricultural Science etc.*

**Strength of Participants:** *Only 10-20 participants per batch.*

**Program Duration** : *08 Week to 24 Week.*

**Working Schedule** : *5 days in a week (Mon–Fri) 10:30AM–04:00PM*

**Program Highlights** : *Hands-on Training, Lecture Overview, Industries based protocol, Industrial visit & Documentation, Record Keeping, Job Assistance.*

## WORKSHOP PROGRAMME

Learn research-based strategic learning and teaching practices. This workshop will motivate you to want to teach more, or rejuvenate the reason you became a teacher. It is great to learn better ways to make students more responsible for their own success in college and life. It will give you the best feeling you've had in a long time. Practice practical classroom strategies you can use in your classroom tomorrow towards.

### *"In House Workshop"*

When designing our programmes we are continuously aware to the colleges to balance between theory and practical. In house workshop especially started for far distance colleges and institutions, they have the problem to reach with loss of time and money. During this program you may continue your regular routine study with any place disturbance. All activities will arranged in your college / Institution at per request of College administration anywhere in India.

**Eligibility :** *Pursuing/Passed/Working PhD./ M.Tech./ M.Sc./ B.Tech./ B.Sc./ Diploma in Biotechnology, Food Technology, Industrial Microbiology, Industrial Microbiology, Dairy Technology, Biochemistry, B.Pharma, M.Pharma, Industrial Chemistry, Soil Science, Environmental Science & Agricultural Science etc.*

**Strength of Participants** : *Maximum 100 participants per batch.*

**Program Duration** : *03 Days to 05 Days.*

**Working Schedule** : *As per mutual decision (Between 10:00AM – 04:00PM)*

**Program Highlights** : *Hands-on Training, Lecture, Industries based protocol, Industrial visit, Industrial Documentation, Record Keeping, Job Assistance.*

## ENTREPRENEURSHIP

The current spike in the unemployment rate has seen many government spearheading entrepreneurship development program to equip the population with necessary skills to create and run their own enterprise. Industrialization is key to the faster development of the country. Its mean to prepare them physically and psychologically to navigate the treacherous entrepreneurship path. Up-coming future is based on the great promises of Food & Agro-based industries in India. BDRI is now engaged in encouraging to the Biotech & Life-science professionals to set-up their own enterprise and solve the unemployment problem of the society.

**Eligibility** : Pursuing/Passed/Working PhD./ M.Tech./ M.Sc./ B.Tech./ B.Sc./ Diploma in Biotechnology, Food Technology, Industrial Microbiology, Industrial Microbiology, Dairy Technology, Biochemistry, B.Pharma, M.Pharma, Industrial Chemistry, Soil Science, Environmental Science & Agricultural Science etc.

**Strength of Participants** : 10-20 participants per batch.

**Program Duration** : 04 Week to 08 Week.

**Working Schedule** : 5 days in a week ( 10:00AM – 04:00PM)

**Program Highlights** : Hands-on Training, Lecture Overview, Industries based protocol, Industrial visit, Industrial Documentation, Record Keeping, Job Assistance.

## SCHOOL- LEVEL PROGRAM

"Scientific temper is a way of life"

*An individual and social process of thinking and acting which uses a scientific method which may include questioning, observing reality, testing, hypothesizing, analyzing and communicating. The adventurous and yet critical temper of science, the search for truth and new knowledge, the refusal to accept anything without testing and trial, the capacity to change previous conclusions in the face of new evidence, the reliance on observed fact and not on pre-conceived theory, the hard discipline of the mind—all this is necessary, not merely for the application of science but for life itself and the solution of its many problems.*

"A Statement on Scientific Temper"

According to **Biotech Development & Research Institute(BDRI)**, the sustained growth and many-sided development of modern science and technology in India, as viable instruments of social transformation. The need of the time is the diffusion of science and technology into the societal fabric at all levels. This can only be achieved by promotion of the Scientific Temper – a rational attitude, the importance of which he emphasized time and again. Indeed, the Scientific temper has to be fostered with care at the individual, institutional, social and political levels."

## HANDS-ON TRAINING PROGRAM

**"In House Workshop Program"**

When designing our programmes we are continuously aware to the schools to balance between theory and practical. We have designed two types of program at school level. One of them is In house workshop especially started for far schools, they have the problem to reach with loss of time and money. During this program you may continue your regular routine study without any disturbance. All activities will arranged in your school / Institution at per request of school administration anywhere in India.

Schools / Institutions can avail this program throughout the year.

## **"SUMMER/WINTER CAMP"**

This program has been designed for short period of time during summer and winter vacation accordingly. All activities will arranged at the branches and BDRI laboratories in India. The participants can do Hands-on training on very special topics either from the course syllabus or our daily life consumable products. It is very necessary to know and aware about the quality and viability of our daily common items in our diet, Personal hygiene and environmental hygiene also.

**Students can avail this program as following Schedule;**

**Summer Camp** : **March to July**

**Winter Camp** : **November to January**

## **CONSULTANCY SERVICES**

We are engaged to provide technical and quality guidelines (HACCP, Quality Control, QC lab Set-up and regulation, Manpower training etc.) to make good produces on government standards of India as well as export. Our valuable Clients and their produces are as Follows ;

- 1. ETHNIC FOOD PRODUCTS SOLUTION LIMITED, MUMBAI (MH)**  
*Products : Litchi pulp, Mango pulp, Guava pulp, Apple Juice, Strawberry etc.*
- 2. UNIQUE FOODS, PATAHI, MUZAFFARPUR (BIHAR)**  
*Products : Litchi pulp, Mango pulp, Guava pulp, Apple Juice in all grade.*
- 3. MANAS AGRO FOODS, MOTIHARI (BIHAR)**  
*Products : Litchi pulp (Sulphited, Frozen and Concentrate)*
- 4. RAJSHREE AGRO FOODS, BELA, MUZAFFARPUR (BIHAR)**  
*Products : Litchi pulp (Sulphited), Litchi Canned and Honey.*
- 5. SRI RAM AGRO FOODS, MINAPUR, MUZAFFARPUR (BIHAR)**  
*Products : Litchi pulp (Sulphited)*
- 6. SAI AGRO, RAXAUL (BIHAR)**  
*Products : All types of granular fertilizer, Liquid fertilizers and pesticides.*
- 7. SUPER AGRO, BARDIVAS, NEPAL**  
*Products : All types of Liquid fertilizers, pesticides and Quality seeds.*

## TESTING SERVICES

BDMI engaged in testing services itself as per quality guidelines FSSAI, BIS(ISI), FDA for (HACCP, Quality Control, QC lab Set-up and regulation, Manpower training etc.) to make good produces on government standards of India as well as export. We are doing Testing services as per NABL guidelines with co-ordination of **AGSS Analytical Research Laboratory Pvt. Ltd, Delhi – A NABL ACCREDITED LABORATORY.**

### **Our Valuable Clients with Coordination of BDMI in Bihar ;**

1. Sudha Dairy, Ara & Rohtas (Shahabad Dugdh Utpadak Sahkari Sangh Ltd.), Katira, Ara.
2. Sudha Dairy, Samastipur (Mithila Dugdh Utpadak Sahkari Sangh Ltd.), Samastipur.
3. Sudha Dairy, Supaul (Kosi Dugdh Utpadak Sahkari Sangh Limited), Supaul
4. Mother Dairy (Bapudham Milk Producer Company Ltd.), Motihari.
5. Unique Foods (Integrated Food Processing Unit – Litchi), Patahi, Muzaffarpur.
6. M/S Radha Krishna Agribiz LLP, Muzaffarpur

## PLACEMENT CELL

Placement cell is an integral part of BDMI. It functions to ensure the best placements for the students having On-Job training from BDMI. In BDMI companies on account of its excellent performance through Hands-on training sustained over a long period of time and its strong image. Placement cell works throughout the year and closely coordinates with recruiting team of leading corporate houses to make sure that every students get suitable openings once they finish their training course.

Placement cell has a perfect understanding of how to industries works and this helps in organizing events and programs that provide avenues to the students to get exposed the real works. At present, there is a great demand of trained, knowledgeable, talented and developed people in the exposition.

Placement cell provides assistance to the students and ability to think out of the box as it conduct Internship, training, workshops, In-house training, Industrial tour etc. helpful in polishing their skills before they start their careers.

## PROSPECTIVE TOPICS OF PROGRAMS

1. Quality Control & Food Safety Management System.
2. *Hazard Analysis and Critical Control Point – HACCP.*
3. Quality Controls & Chemical Analysis of Food.
4. Role of Water and their recycling needed in Industries.
5. Ambient air analysis and safety measures.
6. FSSAI – Play a vital role in food safety with specification.
7. Role of Temp. in Microbial growth & Preservation.
8. QC - Microbiological Analysis of Food products.
9. Effect of pesticide with Food products on Human Life.
10. QC – Enteric Bacterial analysis of food products.
11. Role of hygiene making safe food–Good hygiene practices(**GHP**)
12. Role of Quality Lab in Industry- Good Laboratory Practices (**GLP**).
13. Role of Hygiene in Industry- Good manufacturing practices (**GMP**)

# ***BDRI LABORATORY AND PROGRAMS OVERVIEWS***



**BDRI CAMPUS- MUZAFFARPUR**



**BDRI ON GLOBAL SEARCH**



**BDRI ON GOOGLE SEARCH ENGINE**



**WORKSHOP EVENT AT RRIMT, LUCKNOW**



**MOTIVATIONAL SPEECH AND MEDIA PICS**

# **THANK YOU**