



Dolphin (P.G.) Institute of Biomedical & Natural Sciences

Affiliated to H.N.B. Garhwal Central University, Srinagar, Garhwal, Uttarakhand, India

NAAC Accredited 'B++' (2nd Cycle)

Approved by Government of Uttarakhand, IAP and NCTE

Recognized by Uttarakhand Paramedical Council and Recognized NPTEL - Local Chapter by IIT Madras.

3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the academic year 2019-20.

This is certified that documents from page number 2 to 57 are digitally attested.

List of Activities

2019-20

| S. No. | Name of Activity | Date |
|---------------|---|--------------------------|
| 1. | Workshop –cum-Symposium on Traditional and Modern Animal Taxonomy & IPR Issues for Biodiversity Protection & Conservation | 25-11-2019 to 29-11-2019 |
| 2. | Entrepreneurship development programme on for Innovation and R & D Initiatives | 21-11-2019 to 23-11-2019 |
| 3. | Workshop on Action Research | 18-11-2019 to 25-11-2019 |
| 4. | Agripreneurship- Integrated Farming system For Food Livelihood and Environment Security | 15-11-2019 |
| 5. | IPR and Natural Capital Sustainability | 17-10-2019 |
| 6. | Entrepreneurship development programme on Green Gold Bamboo: Industrially Exploitable Forest Resource | 18-09-2019 |



Dolphin (PG) Institute of Biomedical & Natural Sciences,
V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India
(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Phone No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

Event Report

| | |
|---------------------|---|
| Title | Traditional and Modern Animal Taxonomy and IPR Issues for Biodiversity Protection and Conservation in collaboration with Zoological Survey of India (ZSI) and Indian Institute of Soil and Water Conservation (ICAR-IISWC) |
| Name of Activity | Workshop cum Symposium |
| Date | From 25 th to 29 th November 2019 |
| Venue | Zoology Lab 1 and Zoology Lab2 and Zoological Survey of India (ZSI), Dehradun |
| Resource Persons | Dr. Jagbir Singh Kirti, Professor, Department of Zoology and Environmental Sciences, Punjabi University, Patiala Dr. Sharda Kosankar, Senior Scientist, CSIR-NEERI, Nagpur Dr. Ashish Thapliyal, Professor of Biotechnology, Graphic Era Deemed to be University, Dehradun Dr. Madhu Thapliyal, Associate Professor and Head, Department of Zoology, Govt. PG College, Maldevta, Raipur Dr. M. Muruganandam, Principal Scientist ICAR-IISWC, Dehradun Dr. Anil Kumar, Scientist D, Z.S.I., Dehradun Dr. Gaurav Sharma, Scientist E, Z.S.I., Dehradun Dr. V M Sathish Kumar, Scientist B, Z.S.I., Dehradun Dr. Harsh Mehta, Principal Scientist & Head, Plant Science Division, ICAR-IISWC, Dehradun Dr. Arun Kumar, Director, Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun Dr. Beena Joshi Bhatt Associate Professor & Head, Department of Zoology, Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun |
| No. of Participants | 195 |
| Course Objective | To understand and learn the traditional as well as the modern techniques used in taxonomy. The participants will also understand the importance of IPR in conservation of biodiversity. |
| Course Outcome | Various stakeholders and scholars sensitized on the needs and potentials of |

| | |
|--------------------|---|
| | <p>taxonomic studies, conservation of biodiversity and they were able to understand the various IPR issues and laws for biodiversity protection</p> |
| <p>Photographs</p> | <div data-bbox="532 275 1295 552" data-label="Image"> </div> <p data-bbox="553 541 1284 636">Glimpses of the Workshop cum Symposium on Traditional and Modern Animal Taxonomy and IPR Issues for Biodiversity Protection and Conservation</p> |

Beena

(Dr. Beena Joshi Bhatt)
Organising Secretary & Head
Department of Zoology





Dolphin (PG) Institute of Biomedical & Natural Sciences,
V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India
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Ph. No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

DIBNS/ZOOL/ 2018-19

Date: 16 July 2019

To,

The Principal,
DIBNS,
Dehradun

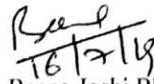
Sub: Permission for organizing Workshop cum Symposium “Traditional and Modern Animal Taxonomy and IPR Issues for Biodiversity Protection and Conservation in collaboration with Zoological Survey of India (ZSI) and Indian Institute of Soil and Water Conservation (ICAR-IISWC)

Respected Madam,

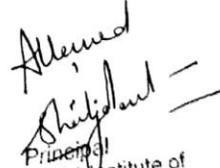
We would like to inform you that Department of Zoology is planning to organize Workshop cum Symposium “Traditional and Modern Animal Taxonomy and IPR Issues for Biodiversity Protection and Conservation in collaboration with Zoological Survey of India (ZSI) and Indian Institute of Soil and Water Conservation (ICAR-IISWC). In this context we request you to allow for same.

Thanking You,

Your's sincerely


16/7/19
Dr. Beena Joshi Bhatt
Program Coordinator & Head
Department of Zoology




Principal
Dolphin (PG) Institute of
Bio-Medical & Natural Sciences,
Manduwala, Dehra Dun



Dolphin (PG) Institute of Biomedical & Natural Sciences,
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Phone No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

DIBNS/ZOOL/ 2018-19

Date: 22 November 2019

CIRCULAR

We are pleased to inform you that, Department of Zoology is planning to organize Workshop cum Symposium "Traditional and Modern Animal Taxonomy and IPR Issues for Biodiversity Protection and Conservation in collaboration with Zoological Survey of India (ZSI) and Indian Institute of Soil and Water Conservation (ICAR-IISWC). You are requested to send the names of interested candidates to programme coordinator.

Beena
22/11/19

(Dr. Beena Joshi Bhatt)
Program Coordinator & Head
Department of Zoology



CC to:

1. Chaiman Office (for kind information please)
2. The Principal Office
3. The Director Office
4. IQAC Coordinator
5. All HODs

**A Workshop cum
Hands-on-Training-Cum-Symposium
on
Traditional & Recent Trends
in Animal Taxonomy and Need of
IPR for its Protection & Conservation**

In Collaboration with
Zoological Survey of India (ZSI) & Indian Council of Agricultural Research-
Indian Institute of Soil and Water Conservation (ICAR-IISWC), Dehradun
(25th to 29th November, 2019)

Organized by
Department of Zoology
Dolphin (PG) Institute of Biomedical & Natural Sciences
Dehradun- 248007 (Uttarakhand)

Introduction

Biodiversity largely means variability in the living organisms and the ecosystems that help maintain ecological balance, many important ecosystem services and evolutionary processes besides bringing direct bearing on food security, agriculture, medicine, industry etc. India has some of the world's most bio-diverse regions or biodiversity hotspots with numerous endemic species such as the Himalayas, the Western Ghats, the Indo-Burma region and the Sundaland including Nicobar group of Islands and wide range of ecozones-deserts, mountains, highlands, tropical and temperate forests, riparian forests, grasslands, swamplands, plains, floodplains, as well as island archipelago. Faunal diversity is the variety of all of the animal life present in any particular region and time. The fauna of India have been studied and recorded over a couple of centuries through taxonomical inputs. Presently, overwhelming emphasis is mounted on the taxonomy across the biological sciences.

Background and context

Taxonomy or systematics is one of the age-old scientific subjects of biology and involves the study of morphological characteristics and phylogenetic relationship of organisms that are crucial for identification, description, classification and naming of living organisms. It is also the basic need for applied biological sciences including medicine, agriculture, forestry and fisheries. During the past 250 years of research, taxonomists have named about 1.78 million species of animals, plants and micro-organisms so far, which is mere 5-10% of the world biota. The total number of unknown species is probably between 5 to 30 million and hence huge number of newer species remains to be identified and named following appropriate taxonomical principles and keys. Also, taxonomic knowledge on identified species is continuing to be far incomplete. Thus, taxonomical contributions towards rapid taxonomic identification and details on hierarchy of life and lineage divergence become critically important. Nonetheless, the importance of taxonomy is less reflected in science planning and management. As a result, funding, medium of communication like impactful journals and manpower for taxonomy and systematics are continuing to be inadequate. Ironically, the subject is gradually losing its importance amongst young biologists and taxonomists are increasingly becoming rare globally and more particularly in India. On the other hand, the general interests on biodiversity, its conservation and action plans, and sustainable exploitation of natural resources are growing up globally including India, which cannot be fully accomplished without adequate taxonomical comprehensions.

At a time when increasing importance for biodiversity assessment and conservation gaining, taxonomic studies assume greater significance. In the context of endemism, increasing concerns of Invasive Alien Species (IAS), losing biodiversity, Plant Variety Protection (PVP), bio-prospecting, patenting, Intellectual Property Rights (IPR), geographical indications, International Trade Agreement and related conflicts and rationalism, the taxonomy assumes even more significance. Focusing on neglected taxonomic groups, networking of people and development of contextual

conservation plans, application of modern technologies and bio-prospecting programs are much needed. Modern taxonomic subjects like tricho-taxonomy, population taxonomy, cyto-taxonomy and micro-taxonomy need to be addressed at great deal. The principles and interfaces between conventional or traditional and modern taxonomical tools and approaches that uses morphological, behavioural, genetic, phylogenetics, cyto-taxonomic, osteological, neurological, myological and biochemical features or attributes to identify, describe and arrange species into taxa needs to be understood and percolated down to the researchers and scholars.

Of late, owing to the advances accrued in the virtual world, the progress in molecular techniques, phylocode and bar-coding, tricho-taxonomy, the development of statistics and phylogeny, the newer taxonomic funding initiatives and global projects are coming up to rebuild the lost significance of the taxonomy and its contributions. Considering the need, Para-taxonomy courses, Para-taxonomists recruits, People's Biodiversity Register (PBR) and village-level Biodiversity Management Committees (BMC) constituted by the State Biodiversity Board of the every State of India that are monitored or coordinated by the National Biodiversity Authority (NBA) established by the Government of India in 2003, mainly to implement Biological Diversity Act, 2002, have been initiated recently in India. In this line, a workshop-cum-training program has been conceived, planned and put in action.

The program

In the backdrop of losing significance of the taxonomy, this workshop-cum-training program has been conceptualized by the Dolphin (PG) Institute of Biomedical and Natural Sciences in collaboration with Zoological Survey of India (ZSI), Northern Regional Centre, Dehradun and the Biological Section of the ICAR-Indian Institute of Soil and Water Conservation (ICAR-IISWC) to comprehend available theoretical and practical knowledge of both traditional and the modern tools, techniques and approaches of animal taxonomy. The program covers areas of traditional and modern taxonomic tools, robust techniques and approaches like DNA bar-coding, habitat ecology and other molecular aspects for easy species identification, inventorisation, biodiversity assessment and formulation of conservation priorities, plans and policies. The program would cater to the needs of the growing attention for the evaluation of biodiversity, and better harnessing the biodiversity of the Country sustainably. Future prospects of taxonomy, prioritization of neglected groups, development of modern tools, techniques and approaches in systematics, and networking of research groups will be aimed at. The hands-on training will benefit the diverse participants including PG students, research scholars, young faculty members and scientists in better comprehending and gaining knowledge over different aspects of animal taxonomy.

Themes and thrust area

1. Principles, concepts and hands-on practice of traditional and modern tools, techniques and approaches in animal taxonomy.
2. Evolving protocols for maintaining database (Log register) of biodiversity of the immediate surroundings like college campus area or villages.

3. Natural and anthropogenic threats and benefits to biodiversity and habitats.
4. The role and implications of IPR in the protection and conservation of biodiversity and bio-resources.
5. Role of modern techniques like Remote Sensing, GIS and GPS in assessing habitat ecology of wild and protective animals or habitats.
6. Role of local people in conservation and protection of biodiversity.

Objectives

- To consolidate principles, concepts, tools, techniques and approaches of various taxonomic and systematic studies.
- To sensitize scholars, researchers, scientists and other participants on the importance of taxonomy and systematics.
- To refresh, introduce and provide newer and established concepts & technologies of taxonomy, terrestrial and aquatic ecosystems, biodiversity assessment and related subjects to achieve improved understandings so as to break existing impasse between the need and the lack of managerial interests or the poor attitude prevailing towards taxonomy.

Outcome

- The Inter-disciplinary comprehension on taxonomy and its inter-dependence with other natural or ecological sciences, and overall knowledge-base and skills on taxonomy be enhanced.
- Various stakeholders and scholars will be sensitized on the needs and potentials of taxonomic studies and conservation of biodiversity and in turn this would bring out ecological literacy, feeling of resources ownership, participatory solutions/designs and compelling public engagements in maintaining balance in biodiversity and ecological components.
- The participants being a cross-section of people/diverse stakeholders including master-trainer professionals, the output would be magnified through snowball/cascade effects to whole Uttarakhand, and other parts of the Country.

Organizer, venue and duration

The Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun during 25-29 Nov. 2019.

About the Institute

The Dolphin (PG) Institute of Biomedical and Natural Sciences, is located in Manduvala on Dehradun - Chakarata Highway, near Suddhohala, about 15 kms. from the Inter State Bus Terminal (ISBT) and Dehradun Railway station. Dolphin (PG) Institute is spread over 7 acres of pure lush green campus on the outskirts of Dehra Dun and surrounded by a thick forest. The Institute is affiliated to H.N.B. Garhwal Central University, Srinagar, Uttarakhand and is accredited by UGC - NAAC. It is also approved and recognized by the State Govt. of Uttarakhand. The Institute is approved by Indian Association of Physiotherapists (IAP) Mumbai, and National Council for Teachers Education (NCTE), Jaipur. Dolphin Institute offers a large number of job/career oriented UGC approved courses in the field of Physiotherapy, Medical Lab Technology,

Microbiology, Medical Microbiology, Botany, Zoology, Agriculture, Biotechnology, Industrial Biotechnology, Biochemistry, Pharmaceutical Chemistry, Chemistry, Forestry and Education. The Institute is committed for providing quality education to the young students and to develop them as professionals in biomedical and natural sciences. The symposium will be held at Conference Hall of the institute.

About the Zoology Department

The department of Zoology offers two year post graduate programme in Zoology. The course content includes Animal Diversity (Lower Non-Chordata), Cell Biology & Molecular Biology, Genetics, Evolution & Taxonomy, Developmental Biology & Parasitology, Animal Physiology and Toxicology, Instrumentation, Computer Application and Biostatistics, Elementary Biotechnology & Microbiology, Animal Diversity (Chordata), Ecology & Wildlife, Entomology, Fish Biology, Environmental Biology, Biological & Radiotracer Techniques, Aquatic Biodiversity, Endocrinology & Animal Behaviour, Biochemistry & Immunology and Dissertation. A post graduate degree in the subject makes the person eligible to opt for a career in teaching or to take up research work in any prominent University. Besides, one can join any reputed organization as Environment consultants, Zoologist, Ecologists, Conservationists, Taxonomist, Geneticist and Biochemist, etc.

About Dehra Dun

Located in the foothills of Himalayas, "The Doon Valley is nestled between two mightiest rivers-the Ganga on the east and the Yamuna on the west. Dehradun is famous for its picturesque landscape and is gateway to the surrounding region. It is well connected to popular tourist destinations such as Mussoorie, Haridwar and Rishikesh. Weather of Dehradun in April is pleasant during days, while mornings nights are cool. Therefore, light woollens are suggested.

Registration Fee (in Rs)

| | |
|------------------------------------|--------|
| PG Students | 1500/- |
| Research Scholar | 2000/- |
| Teachers/Scientist/Govt. Personnel | 3000/- |
| Industrial/NGOs Personnel | 3500/- |

(Note: Registration fee includes registration kit, working lunches, tea/snacks during workshop)

Account details for Online/Cash Transfer

Name of account : Animal Taxonomy Workshop
Account No. : 1101002100005100 IFSC Code: PUNB0110100
Branch : Bank Punjab National Bank,
Bhauwala, Dehradun (Uttarakhand)

Registration fee can be paid as Demand Draft/Online/Crossed Cheque in favour of "Animal Taxonomy Workshop" payable at Dehradun. Registration fee may also be deposited in cash on the spot. Duly filled registration form along with registration fee may be sent to the following address:

Dr. J. A. Johnson, Scientist E, Head, Department of Habitat Ecology, WII, Dehradun
Dr. Vijay Veer, Former Director, Defence Research Laboratory, Tejpur, Assam
Dr. M. Muruganandam, Principal Scientist, ICAR-IISWC, Dehradun
Dr. Gaurav Sharma, Scientist E, Z.S.I. Dehradun
Dr. V. M. Sathish Kumar, Scientist B, Z.S.I. Dehradun
Dr. P. C. Joshi, Prof., Dept. of Zoology & Env. Sciences, GKV, Haridwar (Uttarakhand).
Dr. Madhu Thapliyal, Head, Dept. of Zoology, Govt. Degree College, Raipur, Dehradun
Dr. Ashish Thapliyal, Head, Dept. of Life Sciences and Biotechnology, Graphic Era University, Dehradun
Dr. Harsh Mehta, Head and IPR Nodal Officer, ICAR-IISWC, Dehradun
Dr. Rakesh Kumar, Head, Dept. of Botany, VSP, Govt. (PG) College, Kairana, Shamli (UP)
Dr. R. K. Sharma, Head, Dept. of Life Science, RKSD, College of Education, Kathal, (HR)
Dr. Pankaj K. Tyagi, Asso. Prof., Dept. of Biotechnology, MIET, Meerut (UP)
Dr. (Mrs.) Kanchan Chatterji, HOD, Dept. of Zoology, Doon College of Agriculture Science and Technology Selaqui, Dehradun
Dr. Rajesh Rayal, Senior Asst. Professor, Dept. of Zoology, S.G.R.R. Univ. Dehradun
Dr. Vinay Panwar, Head, Dept. of Zoology, Monad University, Hapur, UP
Dr. Anil Kumar, Asst. Prof., Dept. of Zoology, Kisan (PG) College, Simbhaoli, Hapur, UP
Dr. Harendra Kumar Gaur, Asst. Professor, Sri Varshney College, Aligarh, UP
Dr. Ganesh Datt Bhatt, Professor & Dean, School of Agriculture, Galgotias University, Greater Noida, UP
Dr. D. S. Rawat, Associate Professor, (Life Science & Agriculture), BFIT, Dehradun

Accommodation

Accommodation will be arranged in the hotels and guest houses/hostels on payment basis. Please enquire in advance preferably before 10th November, 2019. Those who are interested to stay in Hotels, they can assess the same online.

Important Deadlines

Conference Dates : 25th - 29th November, 2019
Registration : On or before 25th November, 2019
Abstract submission : Before 5th November, 2019

Scientific Sessions

- Keynote Address
- Plenary Lectures
- Invited Lectures
- Field Visit to Rajaji Tiger Reserve, Chila Range followed by Ganga Arati at Harki Pauri, Haridwar
- Young Scientist Awards (Oral and Poster)
- Animal Photography Competition (Incredible India)

(The applicant for Young Scientist Awards should not be more than 35 years as on 1st November, 2019. The PG students can take part in poster session).

Dr. Beena Joshi Bhatt, Organizing Secretary

Department of Zoology, Dolphin (PG) Institute of Biomedical & Natural Sciences, V.P.O. Manduwala, Chakrata Road, Dehradun-248007 (Uttarakhand), India.
E-mail: drbinajoshi@gmail.com, dineshbhardwaj74@gmail.com
Ph. +91-9568011278, Website: www.dolphininstitute.in

Patron

Shri Arvind Gupta, Chairman

Convener

Dr. Shailja Pant, Principal

Co-convener

Dr. Arun Kumar, Director

Organizing Secretary

Dr. Beena Joshi Bhatt, HOD, Dept. of Zoology

Treasurer

Dr. D. K. Bhardwaj, Dept. of Zoology

Organizing committee

Dr. D. K. Bhardwaj, Assistant Professor, Dept. of Zoology
Dr. Shalini Anand, Assistant Professor, Dept. of Zoology
Dr. Deepali Rana, Assistant Professor, Dept. of Zoology

Technical Coordination

Dr. M. Muruganandam, Principal Scientist,
ICAR-IISWC, Dehra Dun

National Advisory Committee

Dr. Kailash Chandra, Director, Z.S.I., Kolkata, West Bengal
Dr. V.V. Ramamurthy Principal Scientist, IARI, Pusa, New Delhi
Prof. (Dr.) Anita Rawat, Registrar, Uttarakhand Technical University, Dehradun
Dr. Ravi Prakash, Emeritus Scientist & Prof. (CSIR), M.D. Univ., Rohtak (HR)
Dr. Pankaj Tiwari, Director, Central Sericulture Research and Training Institute, Central Silk Board, Ministry of Textiles- Govt. of India, Mysuru, Karnataka
Dr. V.P. Uniyal, Scientist G and Professor, Wild Life Institute, Dehradun
Dr. Jagbir Singh Kirti, Professor (Retd.), Department of Zoology and Environmental Sciences, Punjabi University, Patiala
Dr. Anil Kumar, Scientist D, Office - In-Charge, Z.S.I., Dehradun

REGISTRATION FORM

(Photocopy of the form can also be used)

Traditional & Recent Trends in Animal Taxonomy and Need of IPR for its Protection & Conservation

(25th to 29th November, 2019)

Name: _____

Gender: Male _____ Female _____

Designation: _____

Name of Organization: _____

Address for Correspondence: _____

Mobile No.: _____

E-mail: _____

Status of the participant : Student/Research Scholar/Faculty/Other: _____

Participation in Oral/Poster competition : Yes/No

Details of payment for registration fee:

Dated: _____ Amount: _____ INR/Bankers

Name: _____

Account details for Online/Cash Transfer

Name of account : Animal Taxonomy Workshop
Account No. : 1101002100005100 IFSC Code: PUNB0110100
Branch : Bank Punjab National Bank,
Bhauwala, Dehradun (Uttarakhand)

*A scan copy of duly filled registration form and details of registration fees should be sent through emails :-

drbinajoshi@gmail.com
9568011278

dineshbhardwaj74@gmail.com
9997480434

LIST OF PARTICIPANTS

- Registration For
Animal Taxonomy
- ✓ 1. Dr. D. S. Rawat - 3000/-
 2. Kaushal Kishore Singh - 3000/-
Assistant Professor, Aligarh -
 - ✓ 3. Dr. Neelam Kumar - 1000/- - (a)
 - ✓ 4. Ms. Anshu Chauhan - 1000/-
 - ✓ 5. Dr. Vinila Paul - 1000/-
 - ✓ 6. Fiza Khan - 1000/- (RS)
 - ✓ 7. Mehak Ara - 2000/- (RS)
 - ✓ 8. Lokesh Lodhi - 2000/- (RS)
 - (a) Anju Panwar (D) - 2000/-
 10. Anil Tyagi -
 11. Sarabjeet Kaur Namhi (D)
 - ✓ 12. Pratibha Rani - 1000/-
 13. Dr. S. K. Srivastava
 13. Dr. S. K. Srivastava & Dr. S. S. R. Bopzi
1000/-
 14. Dr. Harendra Kumar Gaur → 1000/-
 15. Dr. Harendra Nath Sharma → 1000/-
 16. Dr. Vivek Sangar → 1000/-
 17. Dr. Kaushal Kishore Singh → 1000/-
 18. Dr. Pratiksha Raghuvanshi → 1000/-
 19. Dr. Manish Gupta → 1000/-
 20. Dr. Nandita Singh → 1000/-
(Dept. of Geography)
 - (2) Dr. Anshu ^{Shamli} ~~Kanhatda Govt. Coll.~~ - 3000/-
↓
Kandhla Govt.
(Govt. Women P.G. College Kandhla Shamli)

M.Sc. I Sem

1. Niharika Semwal ✓ — 2500
2. Sonia Banu ✓ — 500
3. Muminah Nissari ✓ — 2500
4. Ganga Chaudhary ✓ — 500
5. Shubham Bharti ✓ — 500
6. Chamjanlika Daimai — 500
7. Khumbongmayum Alena — 500
8. James — 500
9. Riya Sharma ✓ — 500
10. Karma ✓ — 500
11. A. Johnson ✓ — 500
12. Zaikhete ✓ — 500
13. Nukshila ✓ — 500
14. Wewa-u — 500
15. Khyikhele — 500
16. Ponglen — 500
17. Vanthlangpaukual Hsanli ✓ — 500
18. T-loiine Muehlim ✓ — 500
19. Urvasli ✓ — 500
20. Prakash ✓ — 500
21. Sarita ✓ — 500
22. Fayaz
23. Umur
24. Sunil — 500
25. ~~Karma~~
26. Riya — 500
27. Sujata Subbar — 500
28. Gaura — 500
29. Banju — 500
30. Mayara — 500
31. Nourshien — 500
32. Talat — 500
33. Praveesh Tamang — 500

34. Sheetal — 500

35. Keena — 500

36. Waleeda

37. Ankita — 500

38. Avin — 500

39. Limanep — 500

MBT I

1) Derasheshi Rawat — 500

Diwang

| | | |
|-----|----------------|---------|
| 1) | Suprat Mahata | - 500/- |
| 2) | Wadaman | - 500/- |
| 3) | Arthata | - 500/- |
| 4) | Ubad | - 500/- |
| 5) | Irfan Rustan | - 500/- |
| 6) | Ajxana Nazir | 500/- |
| 7) | Nadica Zargen | 500/- |
| 8) | Jumaid Showkat | - 500/- |
| 9) | Irfan - Rashid | - 500/- |
| 10) | Adil - Ahmad | - 500/- |
| 11) | Sucati Sharma | - 500/- |
| 12) | Ajay Nooral | - 500/- |
| 13) | Hemlata | - 500/- |
| 14) | VARTIKA SINGH | - 500/- |
| 15) | Azad Ahmad | - 500/- |
| 16) | Tawseef Naseer | - 500/- |
| 17) | Suhaib Ahmad | - 500/- |
| 18) | Shalini | - 500/- |
| 19) | Tanvi Badyal | - 500/- |
| 20) | Mehpara | - 500/- |
| 21) | Tonohij | - 500/- |
| 22) | Kashmiri | - 500/- |
| 23) | Tahna | - 500 |
| 24) | Sajma | - 500 |
| 25) | Arcus | - 500 |
| 26) | Nadia Hafeez | - 500 |
| 27) | Rajju | - 500 |
| 28) | Mazjeena | - 500 |
| 29) | Ritika Sharma | - 500 |

| | | |
|-----|-------------------|---------------------|
| 1) | Deepika | 500 |
| 2) | Himani Kumari | 500 |
| 3) | Himani Tanijal | 500 |
| 4) | Rishav Bhattarai | A 30y 500 |
| 5) | Sarajani | 500 |
| 6) | Seniya | 500 |
| 7) | Vibha | 500 |
| 8) | Akshita Bhatt | 500 |
| 9) | Alveena Saher | 500 |
| 10) | Ankita Selakoti | 500 |
| 11) | Archana Negi | 500 |
| 12) | Ashok Dimri | 500 |
| 13) | Deeksha Kapurwan | 500 |
| 14) | Deeksha mentoliya | 500 |
| 15) | Km Rejani | 500 |
| 16) | Priya Kathait | 500 |
| 17) | Ruby | 500 |
| 18) | Sarcasthi (noe) | 500 |
| 19) | Vaishali Shanma | 500 |
| 20) | Vandana Semwal | 500 |
| 21) | Neha Shanma | 90 500 |
| 22) | Sweta Saklan | 500 |
| 23) | Sapna Chauhan | 500 |
| 24) | Kamal Bijlwan | 90 500 |
| 25) | Nidhi Rana A | 29 Kamal Bijlwan A |
| 26) | Nikita Semwal | 2 Deeksha Menghai A |
| 27) | Shilal | 90 |
| 28) | Akash A | 90 |
| | Vaishali Hanbolg | A 30 |
| | Rajesh Royal | A |
| | Manish Dev Shanma | A 84 |
| | Indra Rauteta | A 84 |

| | | |
|-----|-------------------------------------|-----|
| 26) | SAMIT CHAKMA | 500 |
| 27) | AJOY MOGI | 500 |
| 28) | MANISH DEBBARMA | 500 |
| 29) | RAM KOCHO | 500 |
| 30) | KENJINGI TORAM TALI | 500 |
| 31) | PANEY APANG | 500 |
| 32) | SUDIPTA SARKAR | 500 |
| 33) | ANUPAM DAS | 500 |
| 34) | ONESIM LAIT LALTLANZUALA | 500 |
| 35) | SURAJ DEBNATH | 500 |
| 36) | MAYA BATI REANG | 500 |

| S.NO. | Name | Rupees |
|-------|-------------------------|--------|
| 1 | SUPRATIM HALDER ✓ | 500 |
| 2 | BASHMA DEBBARMA ✓ | 500 ✓ |
| 3 | IRISH CHOWDHURY ✓ | 500 |
| 4 | JYELI DEBBARMA ✓ | 500 |
| 5 | JOBLES ✓ | 500 |
| 6 | JESTIN SUNNY ✓ | 500 |
| 7 | NIHARIKA NAYAN ✓ | 500 |
| 8 | NOVAKINGI ✓ | 500 |
| 9 | SUMAN BERA ✓ | 500 |
| 10 | HAREKRISHNA PARAI ✓ | 500 |
| 11 | SUB SUVANKAR MAL ✓ | 500 |
| 12 | SANKAR MAJUMDER ✓ | 500 |
| 13 | VIKHEETO TEBO ✓ | 500 |
| 14 | FORTUNATE L LYNGDOH ✓ | 500 |
| 15 | JUNGI BAHADUR SAHANI ✓ | 500 |
| 16 | AADIL ASSADULLAH KHAN ✓ | 500 |
| 17 | AQEEL HUSSAIN KHAN ✓ | 500 |
| 18 | DUYU RIJA ✓ | 500 |
| 19 | ABHIJIT DAS ✓ | 500 |
| 20 | AJOY DAS ✓ | 500 |
| 21 | RAJDEEP SARKAR ✓ | 500 |
| 22 | SAGAR SARKAR ✓ | 500 |
| 23 | SUPARNA DAS ✓ | 500 |
| 24 | PURBA PAL ✓ | 500 |
| 25 | BISHNU DEB ✓ | 500 |

ZSI

1. Poonima Nailwal (2000)
2. Shivani Sharma "
3. Subhechha Tapaswini "

BFIT (B.Sc. Agriculture)

1. Linto Pauljacob (1500)
2. Sneha Rajan (1500)

Lansdowne

1. Dr. Pawnika (3000) Govt. P.G. College
2. Dr. Mohan Mukherjee (3000) Jaihindhal

→ Dr. Sangeta Rawat (Asst. Prof. Zoology Govt. Degree college Kotkwar) → 2000

→ Dr. Sharda Kumbhar (CSIR, NEERI) → 2000

→ Dr. M.L. Bhargava (P.MRL Degree College (1500) Gangohi, Saharanpur)

Mr. Sudhir Kumar (Bhaula P.G. College, Bhaula (1500) Deoband, Saharanpur)

→ Ram Kishor (S.S.V. P.G. College Hapur) (1500)

| | |
|---------------------|--------|
| Kawal Kishor | |
| Research Scholar | |
| CSA Univ. Kanpur | 2000 |
| Dr. Gansh Bhatt | 1000/- |
| Galgohla University | |
| Dr. Rakhi Dimri | 1000/- |
| Dr. Rashmi Rawat | 1000/- |

Doon (P.G.) College

1. Dr. Kanchan Chatterjee
 2. Mrs. Vandana Tewari
 3. Dr. Prabha Dr. Anand Prapha Rawat
 4. Dr. Meghna Verma
 5. Miss. Pooja Baduni
 6. Dr. Preeti Nathani
 7. Dr. Nandan Pant
- } 5000/-

→ Lokendra Singh (Bhaila) in account → 1000

→ WANSHAPRANNA TIEWSON
Assistant Professor, Doon PG college of
of Agriculture and Allied Science, Dehradun
1000/- account

→ Graman ~~Verma~~ KUMAR 1500
Dept of Entomology
M.Sc Naini University. Kanpur

→ Devendra Singh 2000
C.S.A. University Kanpur Kanpur

→ Narender Kumar 1000

→ Sumit Kumar 3000
Territory Treasury incharge (sales officer)
Indofil Industries Ltd.

Schedule of the Programme

On day 1, 25th November 2019, the inauguration session started at 10:30 am onwards, the Chief Guest was Dr. Dhanjay Mohan, Principal Chief Conservator of Forests, Planning and Financial Management and Chairman of State Biodiversity Board, Uttarakhand, Guest of Honour were Dr. Anil Kumar, Officer in Charge, Z.S.I. Dehradun and M. Muruganandam, Principal Scientist, IISWC, Dehradun.

| Day | Date | Resource person |
|-----|--------------------------------|--|
| 1. | 25 th November 2019 | Dr. Jagbir Singh Kirti, Professor, Department of Zoology and Environmental Sciences, Punjabi University, Patiala |
| | | Dr. Ashish Thapliyal, Professor of Biotechnology, Graphic Era Deemed to be University, Dehradun |
| | | Dr. Madhu Thapliyal, Associate Professor and Head, department of Zoology, Govt. PG College, Maldevta, Raipur |
| 2. | 26 th November 2019 | Dr. M. Muruganandam, Principal Scientist ICAR-IISWC, Dehradun |
| | | Hands-on- Training on Fish Identification at Zoology Laboratory by Dr. Beena Joshi Bhatt, Associate Professor and Head, Department of Zoology, Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun |
| | | Dr. Anil Kumar, Scientist D, Z.S.I., Dehradun |
| 3. | 27 th November 2019 | Dr. Gaurav Sharma, Scientist E, Z.S.I., Dehradun |
| | | Hands on training on “Cyber Taxonomy, DNA Barcoding & BioCorder with Special Emphasis to the Faunal Diversity Research in India” by Dr. V M Sathish Kumar, Scientist B, Z.S.I., Dehradun |
| 4. | 28 th November 2019 | Visit to Rajaji Tiger Reserve, Chila Range followed by Ganga Arati at Harki Pauri, Haridwar |
| 5. | 29 th November 2019 | Dr. Harsh Mehta, Principal Scientist & Head, Plant Science Division, ICAR-IISWC, Dehradun |
| | | Dr. Arun Kumar, Director, Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun |
| | | Valedictory |

Beena

(Dr. Beena Joshi Bhatt)
Organising Secretary & Head
Department of Zoology



Workshop cum Symposium
on

**Traditional & Modern Animal Taxonomy and IPR Issues for
Biodiversity Protection & Conservation**

In collaboration with
Zoological Survey of India (ZSI) & Indian Council of Agricultural Research- Indian Institute
of Soil and Water Conservation (ICAR-IISWC)

(25th to 29th November, 2019)

Organized by: Department of Zoology

Certificate of Participation

This is to certify that Shri / Ms./Dr. Lokendra Singh
representing Department of Botany, P. G. College, Bhaila,
Sahasranpur participated in the A Workshop cum Symposium on *Traditional & Modern
Animal Taxonomy and IPR Issues for Biodiversity Protection & Conservation* on 25th to 29th November, 2019 held at
Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun & presented research paper (Abstract
No. 28).

(Dr. Beena Joshi Bhatt)
Organising Secretary
DIBNS, Dehra Dun

(Dr. M. Muruganidam)
Principal Scientist
ICAR-IISWC, Dehra Dun

(Dr. Shailja Pant)
Principal
DIBNS, Dehra Dun

(Shri Arvind Gupta)
Chairman
DIBNS, Dehra Dun



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

Event Report

| | |
|-----------------------------|--|
| Title | “Forestry and Allied Specific Topics” for Innovation and R&D Initiatives [FAST-2019] |
| Name of the Activity | Entrepreneurship development programme |
| Date | 21 st to 23 rd November, 2019 |
| Venue | Dolphin (P.G.) Institute of Biomedical and Natural Sciences, Dehradun |
| Organized By | Department of Forestry, Dolphin (P.G.) Institute of Biomedical and Natural Sciences, Dehradun |
| Resource Person(s) | <ol style="list-style-type: none">1. Dr. Subhash Ashutosh, IFS, Director General, Forest Survey of India, Dehradun.2. Prof. Ahmad Ainuddin, Director, Institute of Tropical Forestry and Forest Products, University Putra Malaysia.3. Dr. V.K. Chawla, Senior Scientist, Indian Plywood Industries Research and Training Institute (IPIRTI), Govt. of India, Banglore.4. Prof. Jorma Neuvonen, Faculty of Forestry, University of British Columbia, Canada.5. Dr. Trevor Jones, Faculty of Forestry, University of British Columbia, Canada.6. Prof. R.P. Singh, IFS, Director Forestry Education, Govt. of India.7. Dr. K. Ramesh, Senior Scientist, Wildlife Institute of India, Dehradun.8. Mr. Sulayman M S Jegne, Forest Officer, the Gmabia.9. Dr. Aditi Sharma, Senior Veterinary Officer, Rajaji Tiger Reserve, Uttarakhand State Forest Department, Dehradun, India.10. Dr. Anamika Dey, CEO, Grassroots Innovation Augmentation Network (GIAN), Gujarat, India.11. Mr. Shivam Joshi, HESCO, Dehradun. |
| No. of Participants | 147 |
| Objective | <ol style="list-style-type: none">1 To provide a common platform to foresters, scientists and other to interact with the students, faculty and researchers on forestry and allied topics in most congenial atmosphere. |

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Course Outcome

1. Students as well as faculty members will get the knowledge about recent trends and different carrier opportunities in the field of forestry and allied subjects.
2. There shall be an opportunity for the faculties, students of forestry and allied subjects to gather from learned speakers on the subjects of integrated and allied aspects and career opportunities as well.



Photographs



Event Coordinator, & Head



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

To,

DATE: 14/11/2019

The Principal,
DIBNS,
Dehradun.

Sub: Permission for organize one Day Entrepreneurship development programme on "Forestry and Allied Specific Topics" for Innovation and R&D Initiatives [FAST-2019]

Respected Madam,

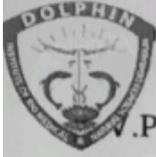
We would like to inform you that Department of Forestry is going to organize Entrepreneurship development programme on "Forestry and Allied Specific Topics" for Innovation and R&D Initiatives [FAST-2019] on 21st - 23rd November, 2019. In this context we request you to allow us for same.

Thanking you.

Your's sincerely.

Dr. Anil K. Uniyal, Head Forestry

Attested
Principal
Dolphin (P.G.) Institute of
Bio-Medical & Natural Sciences,
Manduwala, Dehra Dun



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

CIRCULAR

DIBNS/FOR/PG/2019-20

Date: 16/11/2019

This is to inform you that Department of Forestry is going to organize a three days International Seminar on Forestry and Allied Specific Topics [FAST-2019] for Innovation and R&D Initiative from 21-23 November, 2019. All participants, faculty members and students are requested to participate in this event actively.

Event: International Seminar on Forestry and Allied Specific Topics [FAST-2019]

Guest Speaker:

- Dr. Subhash Ashutosh, IFS, Director General, Forest Survey of India, Dehradun.
- Prof. Ahmad Ainuddin, Director, Institute of Tropical Forestry and Forest Products, University Putra Malaysia.
- Dr. V.K. Chawla, Senior Scientist, Indian Plywood Industries Research and Training Institute (IPIRTI), Govt. of India, Bangalore.
- Prof. Jorma Neuvonen, Faculty of Forestry, University of British Columbia, Canada.
- Dr. Trevor Jones, Faculty of Forestry, University of British Columbia, Canada.
- Prof. R.P. Singh, IFS, Director Forestry Education, Govt. of India.
- Dr. K. Ramesh, Senior Scientist, Wildlife Institute of India, Dehradun.
- Mr. Sulayman M S Jegne, Forest Officer, the Gmabia.
- Dr. Aditi Sharma, Senior Veterinary Officer, Rajaji Tiger Reserve, Uttarakhand State Forest Department, Dehradun, India.
- Dr. Anamika Dey, CEO, Grassroots Innovation Augmentation Network (GIAN), Gujarat, India.
- Mr. Shivam Joshi, HESCO, Dehradun.

Date: 21-23 November 2019

Time: 10 AM to 04 PM

Venue: Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun

Deptt. Of Forestry

CC to:

1. Principal office (for kind information please)
2. The HOD Office

List of Participants/ Attendance sheet

| | NAME | Institute |
|-----|---|---|
| 1. | Jorma Neuvonen | University of British Columbia |
| 2. | Trevor Jones | University of British Columbia |
| 3. | Azamal Husen | Wolaita Sodo University Ethiopia |
| 4. | V.K. Chawla | IPIRTI Bangalore |
| 5. | Shivam Joshi | HESCO |
| 6. | Ramesh Krishnamurthy | WII |
| 7. | Aditi Sharma | Uttarakhand Forest Department |
| 8. | Ahmad Ainuddin Nuruddin | ITFFP, University Putra Malaysia |
| 9. | Chandrima Debi | Woodstock School Mussoorie |
| 10. | Sulayman MS Jagne | Gambia, West Africa |
| 11. | Sas. Biswas | Dolphin |
| 12. | Ritwika Mukhopadhyay | IIRS, Dehradun |
| 13. | Puja Uniyal | Department of Horticulture, Government of Uttarakhand |
| 14. | Ritu Rai | National Rehabilitation University (A State University), Lucknow, UttarPradesh |
| 15. | Izenti Reang | Uttaranchal College |
| 16. | Abhishek Bahuguna Anju Rawat and Izenti Reang | Uttaranchal College |
| 17. | Abhishek Bahuguna, Neelam Devrari and Aparna Rawat | Uttaranchal College |
| 18. | K. K. Vikrant, D.S. Chauhan and R.H. Rizvi | Himalayan College, Roorkee Institute of Technology |
| 19. | Mohammad Faisal Sudhir Singh | Maya Institute |
| 20. | Bhagyashree Debbarma | Maya Institute |
| 21. | Bobbymoore Konsam & Shyam S. Phartyal | HNBGU Srinagar |
| 22. | B. P. Chamola and P. Manori | HNBGU Srinagar |
| 23. | Meena and Munesh Kumar | HNBGU Srinagar |
| 24. | Arti Kala and Rinki Das | WII |
| 25. | Garima Mishra | FRI |
| 26. | Garima Thapliyal | FRI |
| 27. | Aman Dabral | FRI |
| 28. | Smriti Panwar | FRI |
| 29. | Merensangla, Sas. Biswas, B.M. Dimri | FRI |
| 30. | Sunaina | FRI |
| 31. | Vidit Tyagi | Dolphin |

| | | |
|-----|--|-----------------|
| 32. | S. K. Sheel | Dolphin |
| 33. | Abhay Vardhan Pandey and Archana Vaishnava | Dolphin |
| 34. | Versha Parcha, Yogita Dobhal, D C Dhasmana | Dolphin |
| 35. | Mandeep Kaur | Dolphin |
| 36. | Christy Hmingthanzuali and Alok Mishra | Dolphin |
| 37. | Prerna Rima and Sandhya Goswami | Dolphin |
| 38. | K.P. Tripathi | Dolphin |
| 39. | Sanjay Kumar Agarwal | Dolphin |
| 40. | Ajay Kumar Pundir | Dolphin |
| 41. | Rashmi T. Chamoli | Dolphin |
| 42. | AK Uniyal | Dolphin |
| 43. | Vikaspal Singh | Dolphin |
| 44. | Aasheesh Raturi | Dolphin |
| 45. | Sandhya Goswami | Dolphin |
| 46. | Manish Kumar | Dolphin |
| 47. | Tahir Nazir | Dolphin |
| 48. | Nibedita Das | Dolphin |
| 49. | Rahul Bhnadari | Dolphin |
| 50. | Meenakshi Bachheti | Doon University |
| 51. | Jitendra Kumar Meena | Dolphin |
| 52. | Anuj Gupta | Dolphin |
| 53. | Akuminla S Aier | Dolphin |
| 54. | Anmol Dhakal | Dolphin |
| 55. | Ashbin Thapa Manger | Dolphin |
| 56. | Bijoy Limboo | Dolphin |
| 57. | Britain Teron | Dolphin |
| 58. | Jenibemo M Patton | Dolphin |
| 59. | Jirsong Bey | Dolphin |
| 60. | Johny M Humtsoe | Dolphin |
| 61. | Kainatoli Neho | Dolphin |
| 62. | Khotuonuo Rio | Dolphin |
| 63. | Klarbong Ingti | Dolphin |
| 64. | Kutum Milli | Dolphin |
| 65. | Likha Samuel | Dolphin |
| 66. | Lomdik That | Dolphin |
| 67. | Mamum Tayeng | Dolphin |
| 68. | Murhuju J Sangtam | Dolphin |
| 69. | Norimbi N Sangma | Dolphin |
| 70. | Pekiye Chishi | Dolphin |
| 71. | Raju Debbarma | Dolphin |
| 72. | Samden Lepcha | Dolphin |
| 73. | Sangju Sidasow | Dolphin |
| 74. | Siddharth Boro | Dolphin |
| 75. | Barun Niroula | Dolphin |
| 76. | Brij Mohan Sharma | Dolphin |
| 77. | Christy Hmingthanzuali | Dolphin |
| 78. | Clinton Debbarma | Dolphin |
| 79. | Clinton Terang | Dolphin |
| 80. | Jakong Rongpi | Dolphin |
| 81. | John Rymbai | Dolphin |
| 82. | Linjon Badhi | Dolphin |

49

| | | |
|-----|---------------------|---------|
| 83. | Meghna Choudhury | Dolphin |
| 84. | Mrinal Kanti Chakma | Dolphin |
| 85. | Nabam Epo | Dolphin |
| 86. | Ongden Tshering | Dolphin |
| 87. | Simon Debbarma | Dolphin |
| 88. | Sony Riya | Dolphin |
| 89. | Sugbom Kamsi | Dolphin |
| 90. | Superva Chhetri | Dolphin |
| 91. | Tenzin Choeki | Dolphin |
| 92. | Vicky Rai | Dolphin |
| 93. | Vidamo Chuse | Dolphin |
| 94. | Zasera Ronghank | Dolphin |

List of Volunteers

| | Names |
|------|-------------------------|
| 95. | Asif |
| 96. | Chanda |
| 97. | Tsonchumi |
| 98. | Yangkeela |
| 99. | Som Tshering |
| 100. | Abhishek |
| 101. | Andorse Chiri |
| 102. | Fleppy |
| 103. | Meghna |
| 104. | Parvel |
| 105. | Lalin |
| 106. | Thaismidi |
| 107. | Paras Bhatt |
| 108. | Pranjali Bhatt |
| 109. | Shivani Saji |
| 110. | Anandhu PC |
| 111. | Jagananda Paik |
| 112. | Norzom |
| 113. | Anisha |
| 114. | Kukku |
| 115. | Harihara |
| 116. | Favas |
| 117. | Samjhana Kumari Yadav |
| 118. | Asmita Joshi |
| 119. | M. Jayaram Sheshathri |
| 120. | Soumya Pathak |
| 121. | Kalpana Pathak |
| 122. | Pantisingliu Ruangmei |
| 123. | Vishvendra Singh Jadoun |
| 124. | Sangeeta Ghimire |
| 125. | Khoda Bath |
| 126. | Kanika Panwar |
| 127. | Shourya Kumar |
| 128. | Tenzing Samphel Bhutia |
| 129. | Ashwin Panicker |
| 130. | Sadhna Sharma |

Ying

| | |
|------|-------------------|
| 131. | Kuldeep Singh |
| 132. | Pramod Bhat |
| 133. | Bibek Gyawali |
| 134. | Shubham Mishra |
| 135. | Kartik Shahi |
| 136. | Sushilkumar Desai |
| 137. | Siddhant Pant |
| 138. | Bhaskar Bohara |
| 139. | Nandha Jayan |
| 140. | Disha Sharma |
| 141. | Kamal Bdr Shahi |
| 142. | Mahamoda Sultana |
| 143. | Abu Md Zakaria |
| 144. | Prabesh Gyawali |
| 145. | Andreana Tariang |
| 146. | Hanna Basumatary |
| 147. | Varsha Kumari |

Dr. Anil K. Uniyal, Head Forestry

About Dehradun
 Located on the foothills of the Himalayas, the Doon Valley is nestled between two mightiest rivers-the Ganga on the east and the Yamuna on the west. Dehradun is famous for its picturesque landscape and is a gateway to the surrounding region. It is well connected to popular tourist destinations such as Mussoorie, Haridwar and Rishikesh. The weather of Dehradun during November- December is cold, therefore woodens are suggested.

Chief Patron : Shri Arvind Gupta, Chairman, DIBNS
Patron : Dr. Shailja Pant, Principal, DIBNS
Patron : Dr. Arun Kumar, Director, DIBNS
Patron : Smt. Aarti Gupta, OGD, DIBNS

Organizing Committee
Organizing Secretary : Prof. Sas. Biswas
Member : Dr Sandhya Goswami
Member : Dr Anil Kumar Uniyal
Member : Dr Tahir Nasir
Member : Mr Manish Kumar

Technical Committee [Inaugural and Technical Sessions]
Organizing Secretary : Prof. Sas. Biswas
Member : Dr Sandhya Goswami
Member : Dr Rashmi Chammoli
Member : Dr Mandeep Kaur

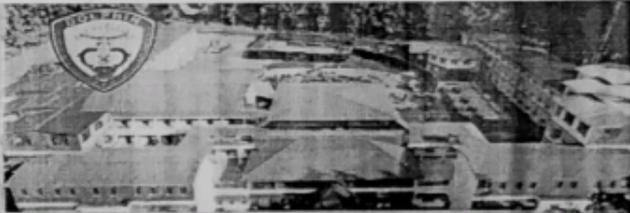
Submission of Abstracts (FOR ORAL/POSTER) : Not exceeding 350 words
Last date : 10th November, 2019
 Abstract selected shall be communicated by 15th November, 2019

Registration Form
 All the participants are requested to fill the registration form (Photocopy of the Form can also be used).
 Registration fee for the students and faculty members is ₹ 500.00 and ₹ 1000.00 respectively.

On-Line-Transaction
Bank Name : Punjab National Bank, Bhowwala, Dehradun
A/c Name : FAST
Account Number : 1101000101064470
IFSC Code : PUN001101100

Contact:
 All correspondence may please be addressed to: International Seminar on "Forestry and Allied Specific Topics [FAST- 2019] for Innovation and R & D Initiatives", 21st - 23rd November 2019.

Conveners:
Prof. Sas. Biswas : biswasss@gmail.com, +919164216173; 9897830409
Co-Conveners: Dr Sandhya Goswami : sandhya.goswami@gmail.com; +919565001286; 9565544752;
 Dr. Anil K. Uniyal : ak22236@gmail.com +91 8279915709



International Seminar
ON
"Forestry and Allied Specific Topics"
for Innovation and R & D Initiatives
[FAST- 2019]

21st - 23rd November, 2019



Organized by
Department of Forestry
 Dehra (P.G.) Institute of Biomedical & Natural Sciences
 Dehradun-248 007 (Uttarakhand) India

Dr. Anil K. Uniyal, Head Forestry

DOLPHIN (P.G.) INSTITUTE

OF BIO-MEDICAL & NATURAL SCIENCES, DEHRADUN, UTTARAKHAND, INDIA

International Seminar

**"Forestry and Allied Specific Topics
for Innovation and, R & D Initiatives [FAST- 2019]"**

ORGANISED BY : DEPARTMENT OF FORESTRY

Certificate

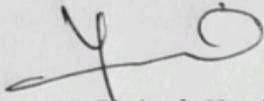
This is to certify that Dr./Mr./Ms. _____
of _____ participated in
International Seminar on **"Forestry and Allied Specific Topics for Innovation
and R & D Initiatives [FAST- 2019]"** on 21st-23rd November, 2019.

He/She participated and/or made a presentation on _____
/worked as volunteer.

(Dr. Sas. Biswas)
HoD, Forestry

(Dr. Shailja Pant)
Principal

(Sh. Arvind Gupta)
Chairman



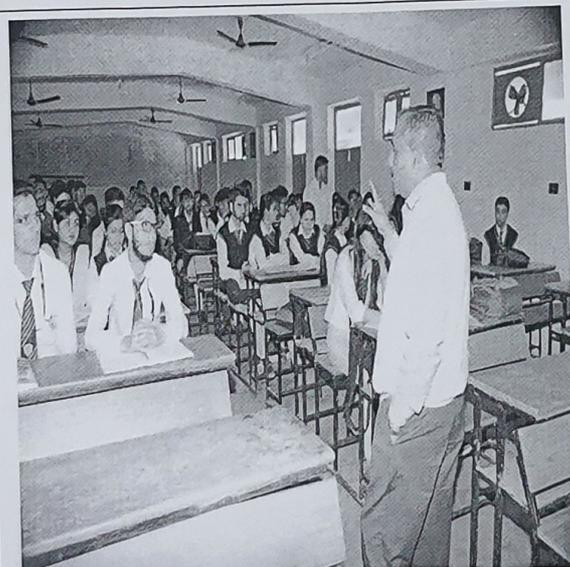
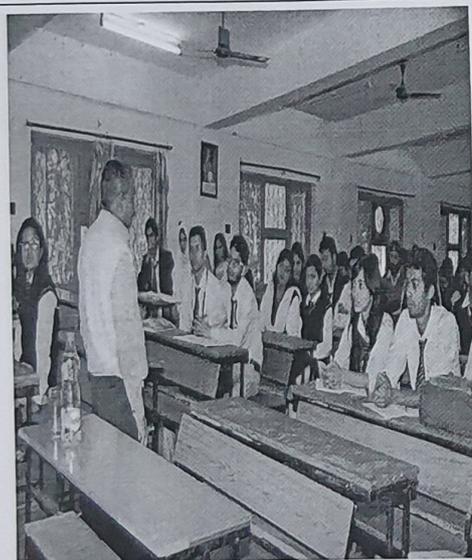
Dr. Anil K. Uniyal, Head Forestry



Dolphin (PG) Institute of Biomedical & Natural Sciences,
V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India
(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand).
Tel No. +91 956800223 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

Event Report

| | |
|-----------------------------|---|
| Title | Workshop |
| Name of the Activity | Action Research |
| Date | 18 Nov.2019, to 25 Nov.2019 |
| Venue | Department of Education-Room No -206 |
| Organized By | Department of Education (B.Ed) |
| Resource Person | Dr. V.K.Rai |
| No. of Participants | 41 Students |
| Objective | 1. To enhance teaching methods and strategies. 2. To enable systematic enquiry to improve the individual student's performance. |
| Outcome | 1.Students develop skills in critical thinking, data analysis, and evidence- based decision-making 2. It identifies learning gaps & implement interventions based on research findings |



Workshop Coordinator: **Dr.G.N.Sinha**



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand).

+91 956800223

E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

DATE: 10.11.2019

To,

The Principal,

DIBNS,

Dehradun.

Sub: Request for Permission to Conduct Workshop on Action Research for B.Ed Students

Respected Madam,

I am writing to seek your approval to conduct a workshop on Action Research for B.Ed students from November 18, 2019, to November 25, 2019. Action Research is a crucial aspect of the B.Ed curriculum, providing students with practical experience and an opportunity to apply theoretical knowledge in real educational settings. The proposed workshop aims to enhance the understanding and skills of our B.Ed students in conducting meaningful and effective action research projects .

The workshop will cover various aspects of action research, including defining research questions, designing methodologies, data collection and analysis, and presenting findings. We have invited experienced facilitators and experts in the field to lead the sessions and provide valuable insights to the participants.

I kindly request your permission and support in allowing us to organize this workshop for the benefit of our B.Ed students. We look forward to your positive response

Thanking you.

Yours sincerely.

(Dr.G.N.Sinha)

HOD, Deptt. Of Education

Approved
Sheela -



Dolphin (PG) Institute of Biomedical & Natural Sciences,

7.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand).

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DIBNS/B.Ed /A-R/2018-19

Date: 10/11/2019

It is to inform all the B.Ed students of session 2018-20 about an upcoming workshop on Action Research scheduled to be held from November 18, 2019, to November 25, 2019. This workshop aims to enhance your understanding and skills in conducting meaningful and effective action research projects fostering a deeper engagement with educational practices

We are honoured to have Dr. V.K. Rai, an esteemed expert in the field, as the facilitator for this workshop. The workshop will cover various aspects of action research, including practical insights into its application within the field of education. It is designed to empower you with the knowledge and tools needed to undertake meaningful research projects that contribute to the improvement of teaching and learning processes.

Details of the workshop are as follows:

Date : November 18, 2019, to November 25, 2019
Venue : B.Ed Department, Room No. 206
Time : 10:00 AM to 03:30 PM

All B.Ed students are required to actively participate in this workshop, as it aligns with your academic requirements and will undoubtedly enhance your professional skills.

(Dr.G.N.Sinha)

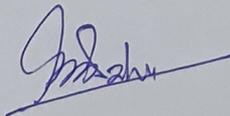
Workshop coordinator

CC to:

1. Chairman office (for kind information please)
2. The Principal Office
3. The Director Office
4. IQAC Coordinator
5. All HODs

B.Ed 18.11.2019 – 25.11.2019

| S.No. | Name of the Student | Department | Attendance |
|-------|---------------------|------------|------------|
| 1 | AISHWARYA CHAUHAN | B.Ed | P |
| 2 | AKANKSHA CHAUHAN | " | P |
| 3 | AMITA RANI | " | P |
| 4 | BARKHA KAINURA | " | P |
| 5 | CHHAYA GURUNG | " | P |
| 6 | DEEPAK ARYA | " | P |
| 7 | DEEPIKA MAKHLOGA | " | P |
| 8 | DIKSHA DEVI | " | P |
| 9 | EKTA RAWAT | " | P |
| 10 | GEETA MOGHA | " | P |
| 11 | GEETANJALI SHARMA | " | P |
| 12 | JAYATI CHAUHAN | " | P |
| 13 | JUGAL | " | P |
| 14 | JYOTI DANU | " | P |
| 15 | KAMLA | " | P |
| 16 | KANCHAN GUSAIN | " | P |
| 17 | KANIKA PAL | " | P |
| 18 | KARTIK DOBHAL | " | P |
| 19 | KIRAN | " | P |
| 20 | KIRAN NEGI | " | P |
| 21 | KIRAN RAWAT | " | P |
| 22 | KM KIRAN NEGI | " | P |
| 23 | KM POOJA SAJWAN | " | P |
| 24 | KM. MADHU | " | P |
| 25 | KM. SHOBHA | " | P |
| 26 | LAXMI NEGI | " | P |
| 27 | MAHENDRA SINGH | " | P |
| 28 | MANISHA BHANDARI | " | P |
| 29 | MANISHA UNIYAL | " | P |
| 30 | MEENU THAPA | " | P |
| 31 | MUKESH | " | P |
| 32 | NEEMA SANGMO LAMA | " | P |
| 33 | POOJA | " | P |
| 34 | PRACHI RAJPUT | " | P |
| 35 | PRACHI SALARIA | " | P |
| 36 | PRAMILA | " | P |
| 37 | PRATIBHA RAWAT | " | P |
| 38 | PRATIBHA THAPA | " | P |
| 39 | PUJA VERMA | " | P |
| 40 | RITU DEVI | " | P |
| 41 | SANDEEP KUMAR | " | P |
| 42 | SANJANA CHETTRI | " | P |
| 43 | SAPNA | " | P |





Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

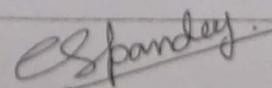
Event Report

| | |
|------------------------------|---|
| Title | Agripreneurship- Integrated Farming system For Food Livelihood and Environment Security |
| Name of the Activity | Guest Lecture |
| Date | 15 th November, 2019 |
| Venue | New Auditorium |
| Organized By | Department of Agriculture |
| Resource Person | Dr. Anil Kumar Shrivastva (Emeritus Scientist, Ex-Director (Retd.) ICAR-VPKAS Domain Expert, ICFRE Advisor- BAIF, CBED) |
| No. of Participants | 50 Students, 03 Faculties |
| Objective of Activity | <ol style="list-style-type: none">1. The benefits and goals of integrated farming aim at enhancing productivity per unit area2. livelihood improvement, fight against deforestation and overall environmental safety3. To increase in Diversification to high value agriculture |
| Outcome of Activity | <ol style="list-style-type: none">1. Participants learned the ways to increase in cropping intensity; crop and livestock productivity2. The course will also enable to develop practical skills on preparation of different extension teaching methods3. The enhancement in knowledge about diversification to high value agriculture.4. To get knowledge on sustainable agricultural practices such as organic farming. |

Photographs



Guest Lecture on- Agripreneurship Integrated Farming system For Food Livelihood and Environment Security



DR. C. S. PANDEY

HEAD, DEPARTMENT OF
AGRICULTURE

Head
Department of Agriculture
Dolphin (PG) Institute of Biomedical
and Natural Sciences, Dehradun





Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

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Tel No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

DATE: 08/Nov/2019

To,

The Principal,
DIBNS,
Dehradun.

Sub: Permission for conducting the Guest Lecture on Agripreneurship

Respected Madam,

We would like to inform you that Department of Agriculture is going to organize Guest lecture on Agripreneurship- Integrated Farming System for Food Livelihood and Environment Security on the date of 15th Nov 2019. In this context we request you to allow us for same

Thanking you.

Your's sincerely,

C.S. Pandey
Head
Department of Agriculture
Dolphin (PG) Institute of Biomedical
and Natural Sciences, Dehradun

Atmendra
Sharma
Principal
Dolphin (P.G.) Institute of
Bio-Medical & Natural Sciences,
Manduwala, Behra Dun

Dr. C.S.Pandey
HOD
Department of Agriculture, DIBNS



Dolphin (PG) Institute of Biomedical & Natural Sciences,

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Tel No. +91 9568002232

E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

CIRCULAR

DIBNS/AGRI/GUEST LECTURE/2019-20

Date: 11/Nov/2019

We would like to inform you that Department of Agriculture is going to organize Guest lecture on Agripreneurship-Integrated Farming System for Food Livelihood and Environment Security on the date of 15th Nov 2019. You are cordially invited and requested to convey to all students of your Department.

Schedule of Guest Lecture:

Topic: Agripreneurship Integrated Farming System for Food Livelihood and Environment Security

Resource person: Dr. Anil Kumar Shrivastva (Emeritus Scientist, Ex-Director (Retd.) ICAR-VPKAS Domain Expert, ICFRE Advisor- BAIF, CBED

Date: 15/11/2019

Venue: New Auditorium

Department: Agriculture

C.S. Pandey

Dr. C.S Pandey
Head
Department of Agriculture
Dolphin (PG) Institute of Biomedical
and Natural Sciences, Dehradun

CC to:

1. Chairman office (for kind information please)
2. The Principal Office
3. The Director Office
4. IQAC Coordinator
5. All HODs

Approved

Principal
Principal
Dolphin (P.G.) Institute of
Bio-Medical & Natural Sciences,
Manduwala, Dehra Dun



Flyer- Guest Lecture



Dolphin (P.G.) Institute

of Biomedical & Natural Sciences, Dehradun

Invited Guest Lecture

on

**Agripreneurship- Integrated Farming System for Food
Livelihood and Environment Security**

by

Dr. Anil Kumar Srivastva

**Emeritus Scientist,
Ex-Director (Retd.) ICAR-VPKAS Domain Expert,
ICFRE Advisor - BAIF, CBED,**

15th November, 2019

Organised by : Department of Agriculture

C. S. Pandey
Head

Department of Agriculture
Dolphin (PG) Institute of Biom
& Natural Sciences, Dehradun

DR. C. S. PANDEY

**HEAD, DEPARTMENT OF
AGRICULTURE**



Attendance sheet

Name of the Course: B.Sc. Agriculture- 5th Sem.

Subject Name: Agripreneurship-Integrated Farming System for Food Livelihood
Room number.....

Time .. and Environment Society New Auditorium
Nov 10 - 15th NOV 2019

| S.No. | Roll No. | Students Name | Signature |
|-------|-------------|-------------------------------|-------------------------|
| 1. | 21209102001 | AASTHA RATHOR | <u>A</u> |
| 2. | 21209102002 | ADITI KUMARI | <u>Aditi Kumari</u> |
| 3. | 21209102003 | ALBY BIJU | <u>Alby</u> |
| 4. | 21209102004 | ALINA NONGTHOMBAM | <u>Alina</u> |
| 5. | 21209102005 | AMBIKA RAWAT | <u>Ambika</u> |
| 6. | 21209102006 | ANISHA KARKI | <u>Anisha</u> |
| 7. | 21209102007 | APURVA | <u>Apurva</u> |
| 8. | 21209102008 | ARYA TIWARI | <u>Arya Tiwari</u> |
| 9. | 21209102009 | BHAWANI KUMARI | <u>Bhawani Kumari</u> |
| 10. | 21209102010 | CHAKUM NGOWA | <u>Chakum Ngowa</u> |
| 11. | 21209102011 | CHANDIKA YOGI | <u>Chandika</u> |
| 12. | 21209102012 | CHINMAYA | <u>Chinmaya</u> |
| 13. | 21209102013 | CHOKCHIME BALTIASA R MARAK | <u>Chokchime</u> |
| 14. | 21209102014 | Christina singpho | <u>Christina</u> |
| 15. | 21209102015 | DAKAPAIA PALA | <u>D. Pala</u> |
| 16. | 21209102016 | DIPTI SINHA | <u>Dipti Sinha</u> |
| 17. | 21209102017 | DIVYA MEHRA | <u>Divya</u> |
| 18. | 21209102018 | GITANJALI SINGH | <u>Gitanjali Singh</u> |
| 19. | 21209102019 | HEMAM JULEE DEVI | <u>Hemam Julie Devi</u> |
| 20. | 21209102020 | INTAJEDA KHAN | <u>Intajeda</u> |
| 21. | 21209102021 | ISHIKA PRIYA | <u>Ishika Priya</u> |
| 22. | 21209102022 | JYOTI YANGFO | <u>Jyoti</u> |
| 23. | 21209102023 | K. LALRINLIANI | <u>K. Lalrinliani</u> |
| 24. | 21209102024 | KHUSHI | <u>Khushi</u> |
| 25. | 21209102025 | KHUSHI SINGH | <u>Khushi</u> |
| 26. | 21209102026 | KIKAJUNGLA | <u>Kikajungla</u> |
| 27. | 21209102027 | KOJ SUMPA | <u>K. Sumpa</u> |
| 28. | 21209102028 | LALMUANZUALI | <u>Lalmuanzuali</u> |
| 29. | 21209102029 | LEKETHONU KOSO | <u>Lekethonu Koso</u> |
| 30. | 21209102030 | LYDIA RUTH CHISI | <u>Lydia Ruth Chisi</u> |
| 31. | 21209102031 | MANSI MEHTA | <u>Mansi Mehta</u> |
| 32. | 21209102032 | MENGNUO PFUSENUO | <u>Mengnuo</u> |
| 33. | 21209102033 | N K KUSUM | <u>N K Kusum</u> |
| 34. | 21209102034 | NIDHI | <u>Nidhi</u> |
| 35. | 21209102035 | NIKITA KUMARI | <u>Nikita Kumari</u> |
| 36. | 21209102036 | OMIT HANGMA SUBBA | <u>Omit</u> |
| 37. | 21209102037 | PEMA YOUDON | <u>Pema</u> |

[Signature]

Head
Department of Agriculture
Dolphin (PG) Institute of Biomedical
and Natural Sciences, Dehradun

| | | | |
|-----|-------------|-------------------------------|-------------|
| 38. | 21209102038 | RIKALIN RABON | Rikalin |
| 39. | 21209102039 | RITIKA | Ritika |
| 40. | 21209102040 | RITWIKA MAITY | Ritika |
| 41. | 21209102041 | RIYA BHANDARI | Riya |
| 42. | 21209102042 | RIYA MORIJU | Riya |
| 43. | 21209102043 | RUBIRANI NINGTHOUJAM | Rubirani N. |
| 44. | 21209102044 | RUCHITA VERMA | Ruchita |
| 45. | 21209102045 | SANJU KUMARI RAY | Sanju |
| 46. | 21209102046 | SEJAL THAPA | Sejal |
| 47. | 21209102047 | SHRISHTI SHARMA | Shrishti |
| 48. | 21209102048 | SHRUTI BUDAL | Shruti |
| 49. | 21209102049 | SHRUTI SINGH | Shruti |
| 50. | 21209102050 | SHUBHA MANI BRAHMA | Shubha |
| 51. | | Pankaj Budakoti (Asst. Prof.) | Pankaj |
| 52. | | Anjeet Johari (Asst. Prof.) | Anjeet |
| 53. | | Upendra Dwivedi (Asst. Prof.) | Upendra |

Total number of students present

Signature of Faculty

C. S. Pandey

Dr. C. S. Pandey
CHODS, Agriculture
Dehradun

Head
Department of Agriculture
Dolphin (PG) Institute of Biomedical
and Natural Sciences, Dehradun

U. Dwivedi
Upendra Dwivedi



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India
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Event Report

| | |
|-----------------------------|---|
| Title | Seminar on IPR and Natural Capital Sustainability |
| Name of the Activity | One Day Seminar |
| Date | 17.10.2019 (Thursday) |
| Venue | New Conference Hall, DIBNS Dehradun |
| Organized By | Department of Botany |
| Resource Person | Prof. Y.K. Sharma , Former HOD Botany, University of Lucknow, Lucknow, Uttar Pradesh, |
| No. of Participants | 78 |
| Course Objective | The major objective of this conference is to aware the participants about the IPR and Natural Capital Sustainability. |
| Course Outcome | 1.The participants were learn about the basic and applied knowledge of IPR and Natural Capital Sustainability. 2.They were also learn about the importance and various aspects of the conservation of natural capital. |



Photograph: One day Seminar on IPR and Natural Capital Sustainability - an Overview


 (Dr.K.P. Tripathi)
 Organizing Secretary
 Head, Botany Department



Dolphin (PG) Institute of Biomedical & Natural Sciences,

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Tel No. +91 9568002232 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

Date: 09.09.2019

**Subject: Permission for OneDay Seminar on “IPR and Natural Capital Sustainability”
on 17.10.2019 (Thursday).**

Respected Madame,

The department of botany going to organize a one day seminar on “IPR and Natural Capital Sustainability” on 17.10.2019 (Thursday) in the institute. Therefore, it is requested to you to kindly allow and approve the scheduled program and oblige.

The schedule of the program is as under:

Theme: Seminar on IPR and Natural Capital Sustainability
Date: 17.10.2019 (Thursday)
Venue: New Conference Hall
Programme: Invited lecture on IPR and Natural Capital Sustainability

Organizing committee:

Dr. K.P. Tripathi (Organizing Secretary)
Dr. Vidit Tyagi (Member)
Dr. A.K. Pundir (Member)
Ms. Prema Bahuguna (Member)

(Dr. K. P. Tripathi)
Organizing Secretary, Seminar 2019
Head, Department of Botany
DIBNS, Dehradun (UK)

CC To,
Chairman (For information pl.)
Principal office
Director office
OSD office
IQAC
Notice Board
Hostel (Boys & Girls)

Approved
Dr. K. P. Tripathi
9/9/19



Dolphin (PG) Institute of Biomedical & Natural Sciences,
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Tel No. +91 9568002232 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

Circular

DIBNS/BOT/SEM/2019-20

Date: 01.10.2019

Dear All,

The department of Botany is going to organize One Day Seminar on “**IPR and Natural Capital Sustainability**” on 17th October, 2019 (Thursday) in conference hall of the institute.

You are cordially invited in this programme and also requested to convey to all students and faculties of your department for their presence and participation in the programme and oblige.

Theme: IPR and Natural Capital Sustainability
Date: 17.10.2019 (Thursday)
Speaker: Prof. Y.K. Sharma, Former HOD Botany, University of Lucknow,
Lucknow, Uttar Pradesh,
Venue: New Conference Hall
Target group: UG , PG students, Research scholars and Faculties.

(Dr. K.P. Tripathi)
Organizing Secretary, Seminar 2019
Head, Department of Botany
DIBNS, Dehradun (UK)

CC To,
Chairman (For information pl.)
Principal office
Director office
IQAC
Notice Board
Hostel (Boys & Girls)

Contact Information :

All correspondence may please be addressed to:

Dr. K. P. Tripathi, FAPS

Organizing Secretary, Seminar 20019

Head, Department of Botany

Dolphin (PG) Institute of Biomedical and Natural Sciences,
Manduwala, Near Suddhowala, Chakrata Road, Dehradun-248007 (UK)

Mobile No: 91-9568011293

E-mail: tripathikp2001@rediffmail.com

Website: www.dolphininstitute.in

Registration Fee: Nil

Venue of the Seminar:

The Seminar will be held at New Conference Hall, Dolphin (PG)
Institute of Biomedical and Natural Sciences, Manduwala, Dehradun,
Uttarakhand.



Seminar on

IPR and Natural Capital Sustainability

17.10. 2019 (Thursday)

Organizer : Department of Botany



Introduction

Department of Botany, Dolphin (PG) Institute of Biomedical and Natural Sciences, Mandawala, Dehradun, Uttarakhand, organizing One day seminar on 17.10.2019 (Thursday) on the topic IPR and Natural Capital Sustainability. The seminar was emphasized to learn about the basic level of IPR and Natural Capital Sustainability and awareness among the students, research scholars and other participants. The seminar was also provide an important information about basics of the Intellectual Property Right, Natural Capital of the Nation and their sustainability. Student participants were learn about the IPR and its procedure, Criteria, PBR, Patent, Copyright, Trademark etc. which is very useful and important for students.

Objectives of the Seminar

The objective of this one day seminar was to provide a basic knowledge of the IPR and Natural Capital Sustainability, and awareness among the students, research scholars and other participants. The seminar was also provide an important information about the Intellectual Property Right, Biological diversity of the Nation. It also provides common platform and an opportunity for young researcher, post graduate and under graduate students of the concerned area to interact with senior scientists, experienced professors to exchange their views regarding IPR, study of biological diversity of the area, Natural Capital and their Sustainability.

Targeted Participants

Research scholars, faculties, post graduate and under graduate students of botany, agriculture, forestry, microbiology and biotechnology.

Resource Person

1. Prof. Y.K. Sharma, Former Head, Deptt. of Botany, Lucknow University, Lucknow, UP.
2. Prof. Sas Biswas, HOD Forestry, DIBNS, Dehradun, Uttarakhand.

About the Institute

The Dolphin (PG) Institute is spread over on 07 acres of pure lush green belt in the outskirts of Dehra Dun and surrounded by a thick forest cover. The Institute is affiliated to H.N.B. Garhwal Central University, Srinagar, Uttarakhand and is accredited by UGC-NAAC B++ (2nd cycle). It is also approved and recognized by the State Govt. of Uttarakhand. The Institute is approved by Indian Association of Physiotherapists (IAP) Mumbai, and National Council for Teachers Education (NCTE), Jaipur. Dolphin Institute offers a large number of job/career oriented UGC approved courses in the field of Physiotherapy, Medical Lab Technology, Microbiology, Medical Microbiology, Botany, Zoology, Agriculture, Horticulture, Biotechnology, Industrial Biotechnology, Biochemistry, Pharmaceutical Chemistry, Chemistry, Forestry, Physics, Education and Commerce. The institute is committed for providing quality education to the young students and to develop them as professionals in biomedical and natural sciences.

About the Department of Botany

The department of Botany offers post graduate programme in Botany for two years (four semester). The course content includes Mycology and Microbiology, Phycology and Bryology, Pteridology, Gymnosperms and Palaeobotany, Taxonomy and Diversity of Flowering plants, Plant development and reproductive biology, Resource utilization, IPR, and Ethnobotany, Cytogenetics and molecular biology, Plant breeding and biostatistics, Plant physiology and Biochemistry, Ecology and Remote sensing, RDT/ Forest Ecology, Plant Health management, Conservation Biology, Biotechnology, Genetic engineering, Applied plant anatomy, Seed pathology, Environment Management with reference to Western Himalaya and Dissertation. A post graduate degree in the subject makes the person eligible to opt for a career in teaching or to take up research work in any prominent University. Besides, one can join any reputed organization as environment consultants, plant explorers, ecologists, conservationists, taxonomist, horticulturist, genetics, and plant biochemist, etc.

Chief Patron Shri Arvind Gupta, Chairman
Patron: Dr. Shailja Pant, Principal
Patron: Smt. Aarti Gupta, OSD

Organizing Committee

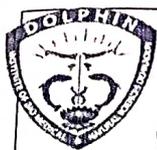
Organizing secretary: Dr. K.P. Tripathi, HOD, Botany
Member: Dr. Vidit Tyagi, Associate Professor, Botany
Member: Dr. A.K. Pundir, Associate Professor, Botany
Member: Ms. Prerna Bahuguna, Assistant Professor, Botany

Technical Committee

Dr. H.B. Vashistha, Former Scientist, FRI, Dehradun
Dr. Naina Srivastava, Assit. Prof., Botany Deptt., DAV PG College, Dehradun

Advisory Committee

Dr. S.K. Srivastava, Former Scientist In-charge, BSI, Dehradun, UK
Prof. N.S. Bistha Former Head, Department of Botany, HNBGU, Srinagar, Garhwal, UK
Prof. P.N. Sharma, Department of Botany, University of Lucknow, UP
Dr. Sas Biswas, HOD, Forestry, DIBNS, Dehradun, UK
Dr. A.B. Bajpai, Head, Botany Deptt. DBS PG College, Dehradun
Dr. Poonam Srivastava, Deptt Botany, SGRR PG College, Dehradun, Uttarakhand
Dr. Puneet Kumar, Scientist, BSI-NRC, Dehradun.



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Program Schedule

Date: 15.10.2019

Program: **One day Seminar on IPR and Natural Capital Sustainability**
Time: 10.00 AM to 4.30 PM
Date: 17.10.2019 (Thursday)

| S.No. | Schedule | Time |
|-------|---|------------------|
| 1 | Registration | 10.00 to 11.30am |
| 2 | Guest on the dais | 11.40am |
| 3 | Lamp Lightening by chief guest | 11.45 am |
| 4 | Welcome to the guest on dais | 11.50 |
| 5 | Introduction of the chief guest by Dr. A.K. Pundir | 12.00 am |
| 6 | Theme introduction by Dr.K .P. Tripathi, Organizing secretary | 12.10pm |
| 7 | Address by Principal | 12.20pm |
| 8 | Address by chief guest Prof. Y.K. Sharma | 12.45pm |
| 9 | Lunch break | 2.00pm |
| 10 | Report presentation by Dr. K.P. Tripathi | 2.45pm |
| 11 | Certificate distribution to participants | 3.30pm |
| 12 | Students feed back | 4.10pm |
| 13 | Vote of thanks by Ms Prerna Bahuguna | 4.30pm |

Dr. (K.P. Tripathi)
Organizing Secretary
DIBNS, Dehradun (UK)



Dolphin (PG) Institute of Biomedical & Natural Sciences,
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Tel No. +91 9568002232 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

Attendance Sheet/List of Participants

Program: One day Seminar on IPR and Natural Capital Sustainability

Date: 17.10.2019 (Thursday)

| S.No. | Name of Participants | Department/Class | Attendance |
|-------|--------------------------|----------------------------------|------------|
| 1 | JAKSRAMCHI B SANGMA | M.Sc.Botany 3 rd Sem. | P |
| 2 | AFSANA KASANCHI K SANGMA | M.Sc.Botany 3 rd Sem. | P |
| 3 | AMY GLORYA B MARAK | M.Sc.Botany 3 rd Sem. | P |
| 4 | ANORI NIKATCHI N MARAK | M.Sc.Botany 3 rd Sem. | P |
| 5 | BAMELU PUL | M.Sc.Botany 3 rd Sem. | P |
| 6 | CHANDRA KALA GURUNG | M.Sc.Botany 3 rd Sem. | P |
| 7 | DIMRE N ARENGH | M.Sc.Botany 3 rd Sem. | P |
| 8 | GEETANJALI | M.Sc.Botany 3 rd Sem. | P |
| 9 | HIMANI | M.Sc.Botany 3 rd Sem. | P |
| 10 | HUIDROM ABESANA MANGANG | M.Sc.Botany 3 rd Sem. | P |
| 11 | KISHORI MAJHI | M.Sc.Botany 3 rd Sem. | P |
| 12 | MONAMMIT LEPCHA | M.Sc.Botany 3 rd Sem. | P |
| 13 | NEHA SHARMA | M.Sc.Botany 3 rd Sem. | P |
| 14 | NESHA SUBBA | M.Sc.Botany 3 rd Sem. | P |
| 15 | NGAMGUANGLIU KAMEI | M.Sc.Botany 3 rd Sem. | P |
| 16 | OSARA R MARAK | M.Sc.Botany 3 rd Sem. | P |
| 17 | RITIKA RANI | M.Sc.Botany 3 rd Sem. | P |
| 18 | RUPSIKA INGTIPI | M.Sc.Botany 3 rd Sem. | P |
| 19 | SALIMA RAI | M.Sc.Botany 3 rd Sem. | P |
| 20 | SIMPURI CH MARAK | M.Sc.Botany 3 rd Sem. | P |
| 21 | SORAISHAM JULLITA DEVI | M.Sc.Botany 3 rd Sem. | P |
| 22 | SRIJANA RAI | M.Sc.Botany 3 rd Sem. | P |
| 23 | SUDIPA BHATTACHARYA | M.Sc.Botany 3 rd Sem. | P |
| 24 | SUNISHA ACHARYA | M.Sc.Botany 3 rd Sem. | P |
| 25 | TASHI DOMA SHERPA | M.Sc.Botany 3 rd Sem. | P |
| 26 | TSHERING CHODEN BHUTIA | M.Sc.Botany 3 rd Sem. | P |
| 27 | MITIN PADUN | M.Sc.Botany 3 rd Sem. | P |
| 28 | PHURBA TENZING BHUTIA | M.Sc.Botany 3 rd Sem. | P |
| 29 | TEMO HANG LIMBOO | M.Sc.Botany 3 rd Sem. | P |
| 30 | TENZING SHERAB SHERPA | M.Sc.Botany 3 rd Sem. | P |
| 31 | ANJALI | M.Sc.Botany 1st Sem. | P |
| 32 | ASMA TABASSUM | M.Sc.Botany 1st Sem. | P |
| 33 | AVANTIKA SHUKLA | M.Sc.Botany 1st Sem. | P |
| 34 | BALIKA RAI | M.Sc.Botany 1st Sem. | P |
| 35 | DAGBOM RIBA | M.Sc.Botany 1st Sem. | P |
| 36 | DIANA MAISNAM | M.Sc.Botany 1st Sem. | P |
| 37 | KH ALIJA CHANU | M.Sc.Botany 1st Sem. | P |

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| 38 | KM. ASTHA | M.Sc.Botany 1st Sem. | P |
| 39 | LINA NYORI | M.Sc.Botany 1st Sem. | P |
| 40 | LOHRII KOSHUA | M.Sc.Botany 1st Sem. | P |
| 41 | MANVI BHUTYAL | M.Sc.Botany 1st Sem. | P |
| 42 | MEMSHA LIMBOO | M.Sc.Botany 1st Sem. | P |
| 43 | NABAM RUPA | M.Sc.Botany 1st Sem. | P |
| 44 | NAMRIEZEULE | M.Sc.Botany 1st Sem. | P |
| 45 | NUTU TEKHIL | M.Sc.Botany 1st Sem. | P |
| 46 | SIMRAN MANGER | M.Sc.Botany 1st Sem. | P |
| 47 | VANSHIKA | M.Sc.Botany 1st Sem. | P |
| 48 | Y. KOMUHA RUTH | M.Sc.Botany 1st Sem. | P |
| 49 | YASHITSUNGLA | M.Sc.Botany 1st Sem. | P |
| 50 | AKIRAM PERME | M.Sc.Botany 1st Sem. | P |
| 51 | POLEM ANANJOY SINGH | M.Sc.Botany 1st Sem. | P |
| 51 | ADIBA ANJUM | B.Sc.Biotechnology 1 st Sem. | P |
| 52 | ARANSHI UPRETI | B.Sc.Biotechnology 1 st Sem. | P |
| 53 | KANAK AGGARWAL | B.Sc.Biotechnology 1 st Sem. | P |
| 54 | KRITIKA | B.Sc.Biotechnology 1 st Sem. | P |
| 55 | MANPREET BHATIA | B.Sc.Biotechnology 1 st Sem. | P |
| 56 | NANG SUGANDHA CHAUHAI | B.Sc.Biotechnology 1 st Sem. | P |
| 57 | PRATIKSHA CHAUHAN | B.Sc.Biotechnology 1 st Sem. | P |
| 58 | SIMRAN | B.Sc.Biotechnology 1 st Sem. | P |
| 59 | URVI VERMA | B.Sc.Biotechnology 1 st Sem. | P |
| 60 | VAIBHAVI THAPA | B.Sc.Biotechnology 1 st Sem. | P |
| 61 | DEEPAK THAPA | B.Sc.Biotechnology 1 st Sem. | P |
| 62 | PRAJWAL SINGH | B.Sc.Biotechnology 1 st Sem. | P |
| 63 | PRAKHAR SINGH | B.Sc.Biotechnology 1 st Sem. | P |
| 64 | ADITI GUPTA | B.Sc.Biotechnology 3 rd Sem. | P |
| 65 | DIVYANSHI TYAGI | B.Sc.Biotechnology 3 rd Sem. | P |
| 66 | KHUSHBOO SHARMA | B.Sc.Biotechnology 3 rd Sem. | P |
| 67 | MAMTA RAWAT | B.Sc.Biotechnology 3 rd Sem. | P |
| 68 | MANSI PAL | B.Sc.Biotechnology 3 rd Sem. | P |
| 69 | SANYA ASHISH SINGH | B.Sc.Biotechnology 3 rd Sem. | P |
| 70 | SHILPI | B.Sc.Biotechnology 3 rd Sem. | P |
| 71 | SHWETA | B.Sc.Biotechnology 3 rd Sem. | P |
| 72 | HABIB UR RAHMAN | B.Sc.Biotechnology 3 rd Sem. | P |
| 73 | KHUNDRAKPAM BASKER SINGH | B.Sc.Biotechnology 3 rd Sem. | P |
| 74 | MOHAN YADAV | B.Sc.Biotechnology 3 rd Sem. | P |
| 75 | MOHD SAIF | B.Sc.Biotechnology 3 rd Sem. | P |
| 76 | PIYUSH PANDEY | B.Sc.Biotechnology 3 rd Sem. | P |
| 77 | PRIYA RANJAN | B.Sc.Biotechnology 3 rd Sem. | P |
| 78 | SACHIN KUMAR | B.Sc.Biotechnology 3 rd Sem. | P |



(Dr. K.P. Tripathi)
Organizing Secretary,
Head, Department of Botany



Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehradun

Affiliated to H.N.B. Garhwal Central University, Sitnagar, Garhwal, Uttarakhand

Approved by Government of Uttarakhand, IAP and NCTE

Recognized by Uttarakhand Paramedical Council, Registered by UGC u/s. 2(f)

CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Ms./ Mr./Mrs.
has attended One day Seminar on IPR and Natural Capital Sustainability on 17.10.2019
(Thursday) organized by Department of Botany, Dolphin (P.G.) Institute of Biomedical and
Natural Sciences, Dehra Dun, Uttarakhand.

(Shri Arvind Gupta)
Chairman

(Dr. Shailja Pant)
Principal

(Dr. K.P. Tripathi)
Organising Secretary
& HOD Botany



(Signature)



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232

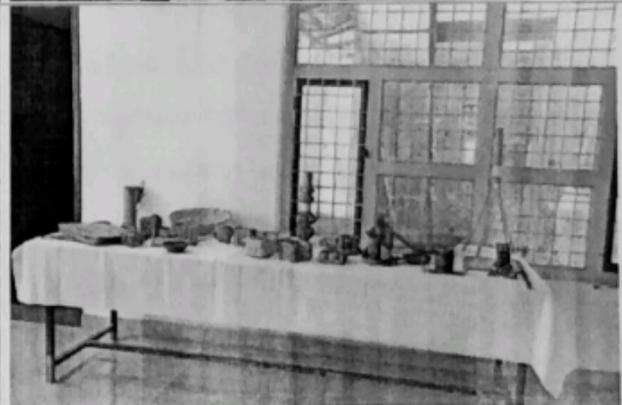
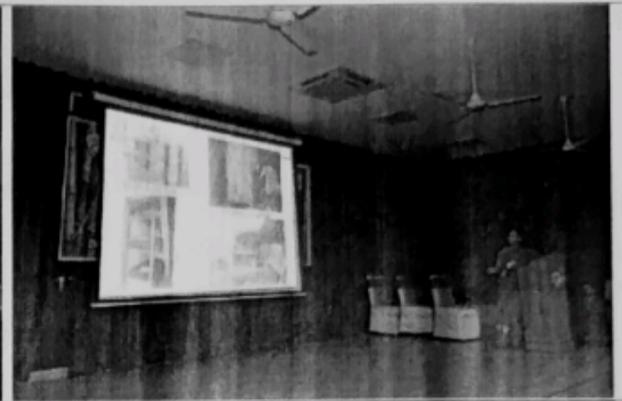
E-mail: mail@dolphininstitute.in

Website: www.dolphininstitute.in

Event Report

| | |
|-----------------------------|---|
| Title | Entrepreneurship development programme on Green Gold Bamboo: Industrially Exploitable Forest Resource - 2019 |
| Name of the Activity | Entrepreneurship development programme |
| Date | 18 th September, 2019 |
| Venue | New Auditorium, Dolphin PG Institute, Dehradun |
| Organized By | Department of Forestry |
| Resource Person | 1. Dr. Meena Bakshi, Retd. Scientist E, Plant Physiology Division, Forest Research Institute, Dehradun 2. Mr. Dinesh Joshi, Programme Manager, Uttarakhand Bamboo & Fiber Development Board, Indira Nagar, Dehradun |
| No. of Participants | 215 Students/ All faculty members |
| Course Objective | To understand all possible domestic and industrial utilization of different varieties of Bamboos. To learn about scientific techniques of bamboo planting. |
| Course Outcome | Students will be able to understand the bamboo based raw material turns a potential resource in industrial application and products manufacturing. Guest speakers have highlighted the infinite uses of Bamboo not only as handicraft but also in big industries like paper industry, textile industry, construction industry etc. Resource person's highlighted that the "poor man's timber" bamboo has become "rich man's luxury". |
| Photographs: | |

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Dr. Anil K . Uniyal

HOD/Event Coordinator

From

Dr Anil K. Uniyal
Course Coordinator
Department of Forestry
Dolphin PG Institute of Biomedical & Natural Sciences, Manduwala
Dehradun-248007, Uttarakhand

Date: 16th September, 2019

To

Dr Meena Bakshi
Retd Scientist E
Plant Physiology Division
Forest Research Institute, Dehradun

Subject: Invitation to be "Chief Guest" and to give a talk in Seminar "Green-Gold Bamboo: Industrially Exploitable Forest Resource" on 18th September 2019.

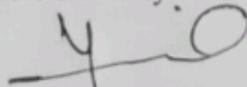
Respected Madam

On 18th September, 2019 Dolphin PG Institute of Biomedical & Natural Sciences, Manduwala, Dehrdaun organizing a **Seminar on "Green-Gold Bamboo: Industrially Exploitable Forest Resource"** to celebrate World Bamboo Day-2019. In an attempt to bring the potential of bamboo to a more elevated exposure, we have planned to have effective discussions among the academicians, industry persons and students participants, an Exhibition of bamboo products and Bamboo Planting Ceremony.

On behalf of institute, I would take the opportunity to invite you to deliver a talk on the Seminar's theme.

I would be highly obliged if you accept to be the "Chief Guest" of the event.

Yours sincerely,


Dr. Anil K. Uniyal

From

Dr Anil K. Uniyal
Course Coordinator
Department of Forestry
Dolphin PG Institute of Biomedical & Natural Sciences, Manduwala
Dehradun-248007, Uttarakhand

Date: 16th September, 2019

To

Mr Dinesh Joshi
Programme Manager
Uttarakhand Bamboo & Fiber Development Board
Watershed Management Directorate
Indira Nagar, Forest Colony,
Dehrdaun-248006

Subject: Invitation for giving a talk in Seminar "Green-Gold Bamboo: Industrially Exploitable Forest Resource" on 18th September 2019.

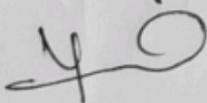
Respected Sir

On 18th September, 2019 Dolphin PG Institute of Biomedical & Natural Sciences, Manduwala, Dehrdaun organizing a **Seminar on "Green-Gold Bamboo: Industrially Exploitable Forest Resource"** to celebrate World Bamboo Day-2019. In an attempt to bring the potential of bamboo to a more elevated exposure, we have planned to have effective discussions among the academicians, industry persons and students participants, an Exhibition of bamboo products and Bamboo Planting Ceremony. Programme will start at 10:30 am.

On the behalf of institute, I would take the opportunity to invite you to **deliver a talk on the Seminar's theme.**

I would be highly obliged if you accept to be the **"Guest of Honour"** of the event.

Yours sincerely



Anil K. uniyal



Dolphin (PG) Institute of Biomedical & Natural Sciences,

V.P.O.-Manduwala, Chakrata Road, Dehradun – 248 007 (Uttarakhand) India

(Affiliated to H.N.B. Garhwal Central University, Srinagar, Approved by Government of Uttarakhand)

Tel No. +91 9568002232 E-mail: mail@dolphininstitute.in Website: www.dolphininstitute.in

To,

DATE: 14/09/2019

The Principal,
DIBNS,
Dehradun.

Sub: Permission for organize one Day Entrepreneurship development programme on Green Gold Bamboo: Industrially Exploitable Forest Resource - 2019

Respected Madam,

We would like to inform you that Department of Forestry is going to organize Entrepreneurship development programme on Green Gold Bamboo: Industrially Exploitable Forest Resource - 2019 on 18th September, 2019. In this context we request you to allow us for same.

Thanking you.
Your's sincerely.

Dr. Anil K. Uniyal
Head Forestry

Approved

Principal
Dolphin (P.G.) Institute of
Bio-Medical & Natural Sciences,
Manduwala, Dehra Dun

Department of Forestry

Dolphin (P.G.) Institute of Bio-medical & Natural Sciences, Dehradun, Uttarakhand

CIRCULAR

Forestry/DIBNS/ SeminarWBD-2019

Dated : 16/9/2019

With a view to celebrate the “World Bamboo Day” on 18th September, 2019 Department of Forestry of the institute is organizing a Entrepreneurship development programme on

“Green Gold Bamboo: Industrially Exploitable Forest Resource”

Programme outline is as following:

A. Two Invited lectures will be delivered on the Seminar’s theme.

Speakers are:

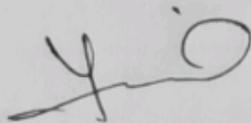
1. Dr Meena Bakshi, Retd. Scientist E, Plant Physiology Division, Forest Research Institute, Dehradun
2. Mr Dinesh Joshi, Programme Manager, Uttarkhand Bamboo & Fiber Development Board, Indira Nagar, Dehradun

B. Exhibition of Bamboo Products (made by B Sc Forestry students during Industrial training).

C. Ceremonial Bamboo Planting.

Time: 11:00 am to 2:30pm

Venue: New Auditorium, DIBNS, Manduwala, Dehradun



Program Coordinator

List of participants/ Attendance sheet:

| S. No. | Name of the participants | Name of the Dept., if student from DIBNS | Name of other College/ Organization |
|---------------|---------------------------------|---|--|
| 1 | Abu MD Zakaria | Department of Forestry | NIL |
| 2 | Aashish Nath Yogi | | |
| 3 | Adarsh Tamang | | |
| 4 | Akum A. | | |
| 5 | Andreana Tariang | | |
| 6 | Apeksha Pradhan | | |
| 7 | Ashwin Panicker | | |
| 8 | Bhaskar Bohara | | |
| 9 | Bibek Gyawali | | |
| 10 | Chandreyee Paul | | |
| 11 | Charu Anga | | |
| 12 | Cherian Embly A. Sangma | | |
| 13 | Chinar Mukherjee | | |
| 14 | Devangsh Rai | | |
| 15 | Disha Sharma | | |
| 16 | Gaurang Bhardwaj | | |
| 17 | Gaurav Bahuguna | | |
| 18 | Hakawapaia Shyrmang | | |
| 19 | Hanna Basumatary | | |
| 20 | Hibu Konya | | |
| 21 | Hitesh Kumar | | |
| 22 | Imlitenzuk | | |
| 23 | Jatwang Ramwa | | |
| 24 | K D Haoreilu | | |
| 25 | Kalzang Dadul Bhutia | | |
| 26 | Kamal Bahadur Shahi | | |

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|----|-----------------------------|--|--|
| 27 | Karmo Tsering Sopung | | |
| 28 | Khwairakpam Lanchenba Singh | | |
| 29 | Kuldeep Singh | | |
| 30 | Laishrom Priyanka | | |
| 31 | Lakleichan Mahungwo | | |
| 32 | Loktongbam Martin Singh | | |
| 33 | Longkiri Rongpi | | |
| 34 | Mahmoda Sultana | | |
| 35 | MD Yaseer Ahmed | | |
| 36 | Mebashan Ranee | | |
| 37 | Moasung Lemtor | | |
| 38 | Monirul Islam Faruque | | |
| 39 | Monirul Islam Mollah | | |
| 40 | Muni Jebisow | | |
| 41 | Nabam Adap | | |
| 42 | Nandha Jayan | | |
| 43 | Nitash Nirola | | |
| 44 | Nungsangmanen Walling | | |
| 45 | Oinam Chaoba Devi | | |
| 46 | Pema Thinley Dorjee Bhutia | | |
| 47 | Pema Zangmu Bhutia | | |
| 48 | Prabesh Gyawali | | |
| 49 | Pragya Gurung | | |
| 50 | Pramila Sharma | | |
| 51 | Pramod Bhat | | |
| 52 | Priya Meto | | |
| 53 | Rajani Chhetri | | |
| 54 | Reewangla Bhutia | | |
| 55 | Richel Sangla | | |
| 56 | Rijiedskhem Khyndeit | | |

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|----|--------------------------|--|--|
| 57 | Ruplin Timungpi | | |
| 58 | Sadhana Sharma | | |
| 59 | Sahil Sharma | | |
| 60 | Sangay Lhamu Bhutia | | |
| 61 | Shamim Aktar Ahmed | | |
| 62 | Shreya Sonali | | |
| 63 | Shubham Mishra | | |
| 64 | Siddhant Pant | | |
| 65 | Soraisham Suryadas Singh | | |
| 66 | Sourav Gurung | | |
| 67 | Sushilkumar .S. Desai | | |
| 68 | Swarnadeep Chettri | | |
| 69 | Tago Tana | | |
| 70 | Tenzin Tsomu | | |
| 71 | Thingnamhor Muinao | | |
| 72 | Tsering Drema | | |
| 73 | Varsha Kumari | | |
| 74 | Yemjong B | | |
| 75 | G. Rohit Singh | | |
| 76 | Abishek Lopchan | | |
| 77 | Ajay Kumar | | |
| 78 | Aneela Bhutia | | |
| 79 | Anisha Pradhan | | |
| 80 | Anjali Giri | | |
| 81 | Arambam Shaklemba Singh | | |
| 82 | Arju Awasthi | | |
| 83 | Bidesh Tripura | | |
| 84 | Bie | | |
| 85 | Binita Konsam | | |
| 86 | Charu Yalum | | |

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|-----|----------------------------|--|--|
| 87 | Chiten Lepcha | | |
| 88 | Deepak Rebe | | |
| 89 | Dheeraj Thakur | | |
| 90 | Ha Parung | | |
| 91 | Himanshu Rana | | |
| 92 | Hisniawki Sungoh | | |
| 93 | Imnajungla Jamir | | |
| 94 | Indra Dhakal | | |
| 95 | Jagananda Paik | | |
| 96 | Juli Basumatary | | |
| 97 | Kaokhumba Chang | | |
| 98 | Kevingoto Sothu | | |
| 99 | Khaidem Nandini Devi | | |
| 100 | Krishna Saxena | | |
| 101 | Kukku Chaitom | | |
| 102 | Leiyapam Chamroy | | |
| 103 | Mahesh Parajuli | | |
| 104 | Masmidi Kempriai | | |
| 105 | Momansham Charanga | | |
| 106 | Monisa Bashir | | |
| 107 | Nima Dorjee | | |
| 108 | Norzom Dolma Bhutia | | |
| 109 | Paras Bhatt | | |
| 110 | Powell Sharma Phurailatpam | | |
| 111 | Pranjali Bhatt | | |
| 112 | Pritika Pradhan | | |
| 113 | Priyanka Pradhan | | |
| 114 | Pulak Roy | | |
| 115 | Puskar Raj Bhatt | | |
| 116 | Raymon Reang | | |

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| | | | |
|-----|-------------------------|--|--|
| 117 | Sanghamitra Hapila | | |
| 118 | Serlyn Beypi | | |
| 119 | Shadeep Kumar Rai | | |
| 120 | Shagolsem Henthoi Chanu | | |
| 121 | Shivani Nautiyal | | |
| 122 | Sivani Shaji | | |
| 123 | Sochingphi Horam | | |
| 124 | Sovan Dakua | | |
| 125 | Tamana Bandral | | |
| 126 | Tatung Tomsom | | |
| 127 | Tatung Yami | | |
| 128 | Teresa Taku | | |
| 129 | Thaismaidi Langthasa | | |
| 130 | Thejavilie Luho | | |
| 131 | Thiyam Silbia Devi | | |
| 132 | Toko Takum | | |
| 133 | Tsering Tashi Bhutia | | |
| 134 | Uday Nath Yogi Tharu | | |
| 135 | Vikepo Neikha | | |
| 136 | Vishal Thakur | | |
| 137 | Vivili Kahoto | | |
| 138 | Yasap Joram | | |
| 139 | Zingran Canaan Kharei | | |
| 140 | Akuminla S Aier | | |
| 141 | Chanda Gurung | | |
| 142 | Kainatoli Neho | | |
| 143 | Tsonchumi Odyuo | | |
| 144 | Yangkeela Bhutia | | |
| 145 | Aasif Hussain Paray | | |
| 146 | Abhishek Saraswat | | |

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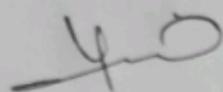
| | | | |
|-----|------------------------|--|--|
| 147 | Anmol Dhakal | | |
| 148 | Ashbin Thapa Manger | | |
| 149 | Bijoy Limboo | | |
| 150 | Samden Lepcha | | |
| 151 | Som Tshering Tamang | | |
| 152 | Kutum Milli | | |
| 153 | Sangju Sidasow | | |
| 154 | Feppy Tayam | | |
| 155 | Superva Chhetri | | |
| 156 | Androse Chiri | | |
| 157 | Arindam Ardao | | |
| 158 | Barun Niroula | | |
| 159 | Brij Mohan Sharma | | |
| 160 | John Rymbai | | |
| 161 | Mrinal Kanti Chakma | | |
| 162 | Ongden Tshering Lepcha | | |
| 163 | Vidamo Chuse | | |
| 164 | Savio Tisso | | |
| 165 | Aitidoris Marshra | | |
| 166 | Asmita Joshi | | |
| 167 | Banshika Pradhan | | |
| 168 | Bhageshwari Chauhan | | |
| 169 | Cindy Luanhoihkim | | |
| 170 | Dahunshisha Khongwar | | |
| 171 | Kanika Panwar | | |
| 172 | Kili Zhimom | | |
| 173 | Ming Dam Bhutia | | |
| 174 | Pantisingliu Ruangmei | | |
| 175 | Pranaya Lata Rai | | |
| 176 | Pura Kanio | | |

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|-----|----------------------------|--|--|
| 177 | Samjhana Kumari Yadav | | |
| 178 | Sangeeta Ghimire | | |
| 179 | Sapana Rawal | | |
| 180 | Shalini | | |
| 181 | Aakash Bohara | | |
| 182 | Alfred Jemy | | |
| 183 | Athokpam Saroj Singh | | |
| 184 | Bam Bahadur Budha | | |
| 185 | Binod Bhattarai | | |
| 186 | Bitto Baby | | |
| 187 | Chakpu Rajesh | | |
| 188 | Dhanlal Bhandari | | |
| 189 | Hidangmayum Loveson Sharma | | |
| 190 | Ichchhuk Gautam | | |
| 191 | Indra Rawal | | |
| 192 | Jotam Toko Tapa | | |
| 193 | Khoda Bath | | |
| 194 | Khullakpam Fanish Shaha | | |
| 195 | Kunzang Namdrol Rijiju | | |
| 196 | Langkung Teron | | |
| 197 | Leichombam Thomas Meitei | | |
| 198 | Lemba Khaba Ingudam | | |
| 199 | M.Jayaram Sheshathri | | |
| 200 | Mac Derric K Ryntong | | |
| 201 | Millan Thongram | | |
| 202 | Mohan Budha | | |
| 203 | Myingthungo Z Tsopoe | | |
| 204 | Sandeep Bahuguna | | |
| 205 | Sangey Wangchuk | | |
| 206 | Sar Acho Rongpi | | |

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| | | | |
|-----|-------------------------|--|--|
| 207 | Shourya Kumar | | |
| 208 | Soumya Pathak | | |
| 209 | Sudarshan Pandey | | |
| 210 | Surjamani Yumnam | | |
| 211 | Tame Pupu Tarh | | |
| 212 | Tapish Mendhe | | |
| 213 | Tshering Topden Bhutia | | |
| 214 | Vishvendra Singh Jadoun | | |
| 215 | Dhanlal Bhandari | | |



Program Coordinator