

## **Collaborative activity with USERC**

### **JAL VIGYAN WATER TRAINING PROGRAMME ORGANIZED BY**

#### **USERC DEHRADUN**

As a part of three days 'Jal Vigyan' Training Program (19-21 May 2022), on 2<sup>nd</sup> day (20th May 2022) visit of Dolphin (PG) Institute was scheduled. In the morning session expert lectures were conducted.

Dr. Shailja Pant, Professor and Head Department of Microbiology, She gave her lecture on: "Microbial Analysis of water." She described in detail the microbiological tests to check the quality standards of drinking water.

Dr. Bavtosh Sharma, Scientist, USERC, delivered on chemical analysis of water.

Later In the post lunch session students visited Department of Microbiology and Pharmaceutical Chemistry & Chemistry.

Professor Versha Parcha & Dr. Raju Chandra from Dept .of Pharmaeutical Chemistry & Chemistry demonstrated High performance liquid Chromatography (HPLC) and UV Spectrophotometer basic principle and working. Students carried out hands on HPLC loading samples recording graphs and interpretation of Data. Students were made to record UV spectrum of Paracetamol. Student remained inquisitive throughout the lab visit and their queries were explained by the faculty members. Students from different colleges and Institutes from Uttarakhand participated in this 'Jal Vigyan' Training Program. Prof. Versha

Parcha & Dr. Deepak Kumar, Department of Pharmaceutical Chemistry & Chemistry were co-ordinators of the event.

## उत्तराखण्ड विज्ञान शिक्षा एवं अनुसंधान केन्द्र (यू-सर्क)

सूचना एवं विज्ञान प्रौद्योगिकी विभाग, (उत्तराखण्ड शासन)

21/4, ई0 सी0 रोड, देहरादून, ईमेल: u.serc@rediffmail.com, Phone No. 0135 2710302

पत्रांक संख्या- यूसर्क/2022-23/32

दिनांक: 06 मई 2022

प्रेषक,

निदेशक

उत्तराखण्ड विज्ञान शिक्षा एवं अनुसंधान केन्द्र (यू-सर्क)  
देहरादून।

सेवा में,

प्राचार्य

डॉ. लिफ्टिन पी.जी. इन्स्टीट्यूट  
देहरादून।

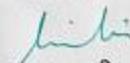
विषय:- यूसर्क द्वारा तीन दिवसीय "जल विज्ञान प्रशिक्षण" कार्यक्रम के अन्तर्गत फील्ड विजिट/प्रयोगशाला भ्रमण के सम्बन्ध में।

यूसर्क द्वारा जल से सम्बन्धित विभिन्न विषयों जैसे- जल संरक्षण, जलगुणवत्ता अध्ययन, जल संवर्द्धन, अपशिष्ट जल प्रबन्धन आदि के महत्व को देखते हुये विगत वर्ष 2021 से उच्च शिक्षा में अध्ययनरत विद्यार्थियों के लिये तीन दिवसीय जल विज्ञान प्रशिक्षण कार्यक्रम का आयोजन किया जा रहा है, जिसके अन्तर्गत विद्यार्थियों को विशेषज्ञ व्याख्यान, हैण्डस ऑन ट्रेनिंग एवं फील्ड विजिट आदि को प्रमुखता से सम्मिलित किया गया है।

उपरोक्त के क्रम में तीन दिवसीय "जल विज्ञान प्रशिक्षण" कार्यक्रम दिनांक 19 से 21 मई 2022 तक यूसर्क द्वारा आयोजित किया जाना प्रस्तावित है। अतः इस तीन दिवसीय जल विज्ञान प्रशिक्षण कार्यक्रम के द्वितीय दिवस में फील्ड विजिट कार्यक्रम के अन्तर्गत विशेषज्ञ व्याख्यान एवं हैण्डस ऑन ट्रेनिंग आदि को आपके संस्थान में आयोजित करने हेतु आपकी संस्था का सहयोग अपेक्षित है।

सादर धन्यवाद सहित।

भवदीया

  
प्रो० (डॉ०) अनीता रावत  
निदेशक



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

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

NAAC Accredited 'B++' (2<sup>nd</sup> Cycle)

Approved by Government of Uttarakhand, IAP and NCTE

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

P/DIBNS/2021-22

Date: 06-05-2022

To

**The Director**  
USERC  
Vasant Vihar  
Dehradun

Respected Sir

Thanking you

Prof. Versha Parcha  
Department of Chemistry & Pharmaceutical Chemistry  
DIBNS Dehradun

Sub: **Nomination for water quality and testing**

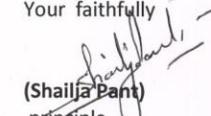
Dear Madam

As per discussion with Dr Bhavtosh Sharma Scientist USERC and training program me coordinator I am here by nominating following students for the above said training from 19<sup>th</sup> May 2022- 21<sup>st</sup> May 2022

S.No	Name Of the Student	Class	Contact number	Email.Id
1	Pintu Kumar Gupta	MSc. Pharmaceutical Chemistry	7903084826	pintukuamargupta13@gmail.com
2	Priyanka Rawat	MSc. Pharmaceutical Chemistry	8126046900	priyankasrawat1997@gmail.com
3	Anchal Chandel	MSc. Chemistry	6396885319	anchalchandel4321@gmail.com
4	Choknya Zirido	MSc. Chemistry	8729930862	choknya08@gmail.com
5	Nikki Aayera Ali	MSc. Chemistry	6398511212	aayeraali24@gmail.com

For any queries kindly contact Dr Versha Parcha Professor Department of Pharmaceutical Chemistry & Chemistry

Your faithfully

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



Dehradun, Uttarakhand, India

9WHQ+8R6, Bhauwala Rajawala Rd, Manduwala,  
Uttarakhand 248007, India

Lat 30.377636°

Long 77.939612°

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**Students of the Department participated Three days water training  
programme of USERC Dehradun**

<b>S. No.</b>	<b>Name of Student</b>	<b>Date of Training</b>
1.	Yashika Sharma	28-30 December 2021
2.	Anurag	28-30 December 2021
3.	Sanjay Tamta	28-30 December 2021
4.	Kanwal Jeet	23-25 February 2022
5.	Krishti Rajput	23-25 February 2022
6.	Anchal Chandel	19-21 May 2022
7.	Nikki Aayera Ali	19-21 May 2022
8.	Pintu Kumar Gupta	19-21 May 2022
9.	Priyanka Rawat	19-21 May 2022



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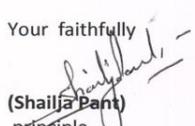
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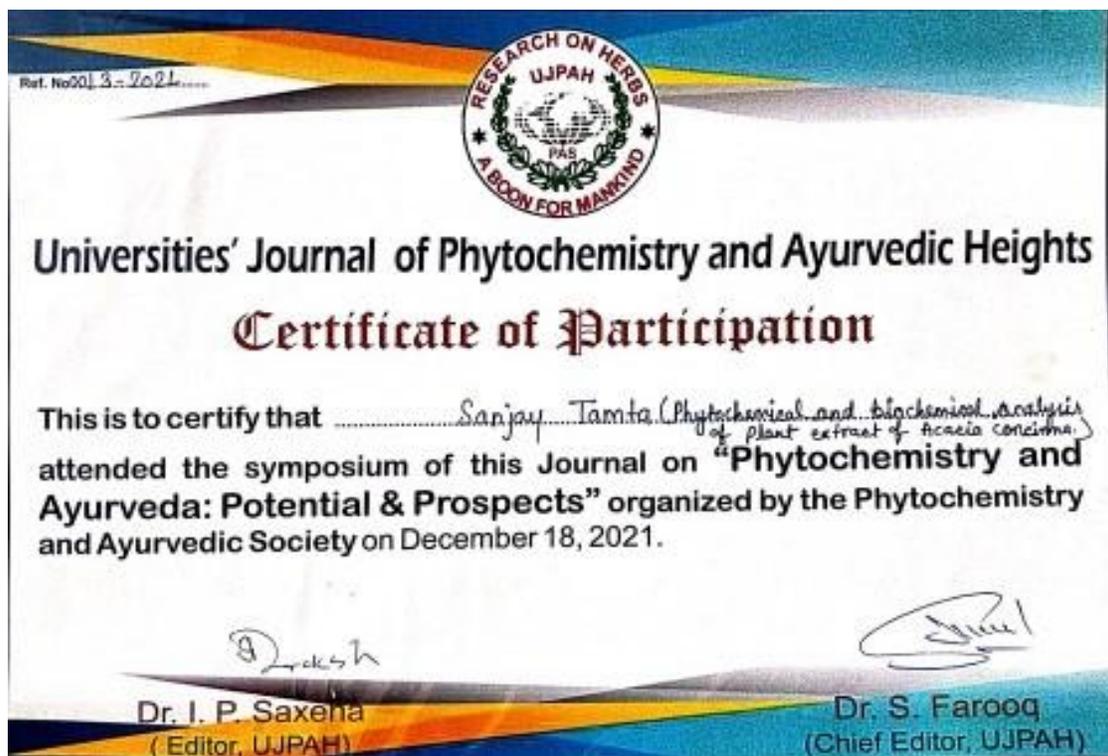
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Your faithfully

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







# THREE DAYS JAL VIGYAN TRAINING PROGRAM

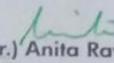
Date: 19-21 MAY 2022

Organised by: Uttarakhand Science Education & Research Centre (USERC), Dehradun,  
Department of Information & Science Technology, Govt. of Uttarakhand

Venue: USERC, Dehradun

## CERTIFICATE

This is to certify that Mrs./Ms./Mr. ANCHAL CHANDEL  
of DOLPHIN P.G. INST. OF BIO & NATURAL SCIENCES has successfully  
participated in Three Days Training Program of USERC and received the training.

  
Prof (Dr.) Anita Rawat  
Director  
USERC, Dehradun



# THREE DAYS JAL VIGYAN TRAINING PROGRAM

Date: 19-21 MAY 2022

Organised by: Uttarakhand Science Education & Research Centre (USERC), Dehradun,  
Department of Information & Science Technology, Govt. of Uttarakhand

Venue: USERC, Dehradun

## CERTIFICATE

This is to certify that Mrs./Ms./Mr. NIKKI AAYERA ALI  
of DOLPHIN P.G. INS. OF BIO & NATURAL SCIENCES has successfully  
participated in Three Days Training Program of USERC and received the training.

  
Prof (Dr.) Anita Rawat  
Director  
USERC, Dehradun





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# शुभारंभ | Web News Uttarakhand |



By webnews

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उत्तराखंड विज्ञान शिक्षा एवं अनुसंधान केन्द्र (यूसर्क) सूचना एवं विज्ञान प्रौद्योगिकी विभाग, उत्तराखण्ड शासन द्वारा आज स्नातक एवं स्नातकोत्तर स्तर के विद्यार्थियों के लिये यूसर्क सभागार में तीन दिवसीय "जल विज्ञान प्रशिक्षण कार्यक्रम का दीप प्रज्ज्वलन कर





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# “तीन दिवसीय जल विज्ञान प्रशिक्षण कार्यक्रम”

आयोजक :

उत्तराखण्ड विज्ञान शिक्षा एवं अनुसंधान केन्द्र (यूसर्क), देहरादून  
सूचना एवं विज्ञान प्रौद्योगिकी विभाग, उत्तराखण्ड शासन





Some facts (2021-22)

- 775 million people, 3 in 10 – lack access to safe water
- 122 million people depend on surface water, like a river, to meet their basic needs
- Nearly 1 million people die each year from water, sanitation and hygiene related diseases
- Every 2 minutes a child dies from a water-related disease
- Lack of safe water, sanitation and hygiene (WASH) services is a major barrier to economic development, food security and social well-being around the world
- Addressing water, sanitation and hygiene is a key priority for the Sustainable Development Goals



**Dehradun, Uttarakhand, India**  
9WHQ+8R6, Bhauwala Rajawala Rd, Manduwala,  
Uttarakhand 248007, India  
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Long 77.939862°  
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