

**DIT University
Event Report
2022-23**

SDG-6



DIT University Event Report 2022-23

Water is essential requirement of life. If water is pure it can sustain lifeforms on the other aspect, polluted water is the cause of disaster. UN SDG 6 promotes 'Clean Water and Sanitation' ensuring access to water and sanitation for all. All stakeholders of society are having the fundamental rights to access this resource in easily accessible and clean form. Also the society must ensure the water as resource must not be polluted by human activities. Wastage must be eradicated. At present, it is becoming very difficult to obtain sufficient quantity and good quality water. All this is due to unscientific usage. Also the resource is continuously diminishing at various sources and going out of access to certain sections of society. So it is our duty to ensure the sustainability of water through pollution mitigation, judicious usage and environmental awareness. DIT University promotes this objective through its policy of sustainable water usage, reuse of waste water, conservation principle and promoting same through research and outreach activities.

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Collaborative activities on Water Security

DIT University through its centers of Excellence is extensively involved in research activities at global, national and regional scale with Government agencies and National, International Institutes of eminence for collaborative research on water issues and developing technological solutions. Also University organizes various events and activities throughout year as part of club and departmental initiatives that focus on Water security, water management and pollution abatement

DIT University Event Report 2022-23

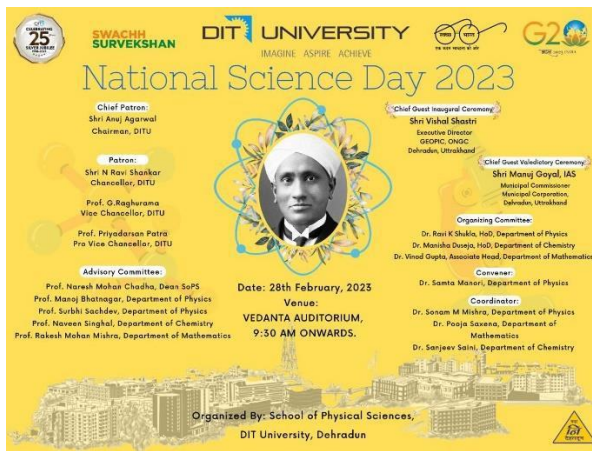
Collaborative activities with local and regional government agencies on Water Security

Name of the Event Coordinator/Convenor: Dr. Samta manori	Name of the Event: National Science Day-2023
Name of the Collaborator(if any) : ONGC, Dehradun Dehradun Municipal corporation (Local and Regional Govt bodies)	Name of The Resource Person (Multi entry in case of more than one resource) : Mr. Vishal Shastri, ONGC, Dehradun Mr. Manuj Goyal, Municipal Commissioner, Dehradun
Start Date and End Date : 28-2-2023	No. of Participant (Students and Faculty) : 150

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 : The event's focus on environmental conservation, pollution control, and rejuvenation of water bodies aligns with SDG 6 by promoting clean water access, protecting water-related ecosystems, and reducing contamination. Collaboration between educational institutions and government bodies supports water security, sustainable sanitation, and resource management, vital for achieving SDG 6 goals.</p> <p>Brief text with introduction, event details, content and outcome:</p> <p>The nation celebrates 28th February as National Science Day in Commemoration of Sir C.V. Raman's world-famous discovery "Raman's Effect" published on the same day in the year 1928. School of Physical Sciences, DIT University organized a programme to celebrate "National Science Day 2023" on 28th February, 2023. There were invited lectures along with the number of educational activities like Quiz, Debate and Poster making competition involving the students from various departments of the University and students from Him Jyoti and Pestle Weed School. The theme for this year's National Science Day as released by Govt. of India was "Global Science for Global Well Being".</p> <p>The event started with a warm welcome to the Chief Guest Mr. Vishal Shastri, Executive Director, GEOPIC, ONGC,</p> <p>Mr. Manuj Goyal, Municipal Commissioner, Dehradun was chief guest for the valedictory ceremony of the Program. He motivated the students with his words of wisdom.</p> <p>There was book revealing of the book authored by Prof. Naveen Singhal on Environmental Science. The Program concluded with Prize distribution and vote of thanks by Prof. Naveen Singhal.</p> <p>The speakers stressed on Environmental conservation, pollution mitigation, local water bodies rejuvenation, protection of water resources, solid waste management also stressed that educational institutions and Government bodies must collaborate together to fight for water security, energy savings, solid waste management.</p>

Geotagged photograph of the event.



DIT University

Event Report

Name of the Event Coordinator/Convenor: Dr. Tarumay Ghoshal	Name of the Event: Smart Cities and Role of Civil Engineers in Future
Name of the Collaborator (if any) : Government of Uttarakhand	Name of The Resource Person (Multi entry in case of more than one resource) : Dr. Tarumay Ghoshal
Start Date and End Date : 06-11-2023	No. of Participant (Students and Faculty) : 10000

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 : The event’s emphasis on water resource management, sewage design, rainwater harvesting, and water reuse align closely with SDG 6 by addressing key targets for sustainable water access, quality improvement, and efficient water use. The efforts were to educate students on these areas support SDG 6’s aim for sustainable water management and sanitation, essential for smart city development and infrastructure planning.</p> <p>Brief text with introduction, event details, content and outcome:</p> <p>https://www.linkedin.com/posts/dr-tarumay-ghoshal-5b6926218-i-am-extremely-happy-to-contribute-to-the-activity-7127254920545677312-6-0l?utm_source=share&utm_medium=member_desktop</p> <p>Dr. Tarumay Ghoshal, HoD Civil Engineering, DIT University elaborated on Smart Cities and roles of Civil Engineers in planning effective water resource management, building design, sewage system design, Rainwater harvesting, Water reuse mechanism as the potential fields to students to choose their career. Through Government of Uttarakhand initiates, and ICT arrangement more than 10000 students all over Uttarakhand were provided awareness and about 17 sustainable development goals. Dr. Ghoshal also reminded all students importance of each SDG in planning and execution of Government policies and infrastructure development.</p>

Geotagged photograph of the event.



DIT University




Event Report

Name of the Event Coordinator/Convenor: Dr. Himanshu Pratap	Name of the Event: Visit to Water Treatment Plant
Name of the Collaborator (if any) : Uttarakhand Jal Sasthan, Government of Uttarakhand	Name of The Resource Person (Multi entry in case of more than one resource) : Dr. Himanshu Pratap
Start Date and End Date : 09-11-2023	No. of Participant (Students and Faculty) : 35

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 : The event’s emphasis on water treatment and supply of pure drinking water thus related to SDG 6 by addressing Engineering aspects of Water Treatment</p> <p>Brief text with introduction, event details, content and outcome:</p> <p>Department of Civil Engineering in collaboration with Uttarakhand Jal Sansthan arranged a visit of Water treatment plant where all water treatment process related activities were displayed on ground and explained to students. Students, Faculty members and Staffs of the Uttarakhand Jal Sansthan also took pledge of Sustainability and to protect water resources and mother nature. Also Students promised to apply their knowledge for betterment of Society.</p>

DIT University Report

 कार्यालय अधिशासी अभियन्ता (दक्षिण) उत्तराखण्ड जल संस्थान 32-राजपुर रोड, देहरादून। जल संघय-जीवन संघय	
E-mail:- cesouth-ujs-uk@nic.in Phone No:-0135- 2742028	
पत्रांक: 2155 / अधि.अभि. (द.) / डब्ल्यूटीपी / 2023-24	दिनांक: 01/11/2023
सेवा में, Assistant Professor, Department of Civil Engineering DIT University, Uttarakhand, India.	
विषय- दिनांक 09 नवम्बर, 2023 को दिलाराम स्थित डब्ल्यूटीपी में बी.टेक सिविल इंजीनियरिंग छात्रों को Visit कराये जाने के सम्बन्ध में।	
महोदय, उपरोक्त विषयक आपके द्वारा प्रेषित ई-मेल दिनांक 27 अक्टूबर, 2023 का सन्दर्भ ग्रहण करने का कष्ट करेंगे। प्रेषित ई-मेल के क्रम में, दिनांक 09 नवम्बर, 2023 को दिलाराम स्थित डब्ल्यूटीपी में बी.टेक सिविल इंजीनियरिंग छात्रों को Visit हेतु अनुमति प्रदान की जाती है।	
भवदीय  (आशीष मट्ट) अधिशासी अभियन्ता (दक्षिण)	
प्र0सं0 एवं दिनांक तदैव। प्रतिलिपि- 1. श्री राघवेंद्र डोमाल, सहायक अभियन्ता (दक्षिण), उत्तराखण्ड जल संस्थान, देहरादून को इस निर्देश के साथ है कि उक्त तिथि में दिलाराम स्थित डब्ल्यूटीपी में बी.टेक सिविल इंजीनियरिंग छात्रों को Visit कराना सुनिश्चित करें।	
 अधिशासी अभियन्ता (दक्षिण)	

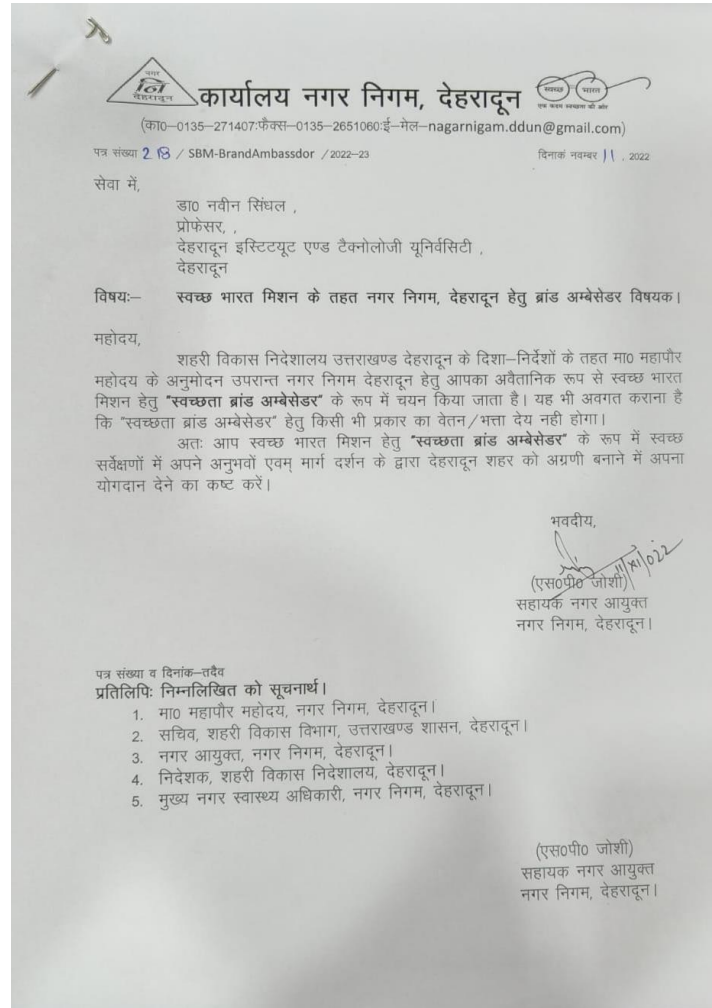
Office Order of Visit from Uttarakhand Jal Sansthan (Government of Uttarakhand)

DIT University Report



University's Contribution to Local Government Agencies about Environmental Awareness and Achievement

Dr. Naveen Singhal, Dean Alumni, DIT University has been awarded as 'Swachhta' (Cleanliness) Brand Ambassador by Dehradun Nagar Nigam (Dehradun Municipal corporation) under the mission: 'Swachh Bharat Mission' (Campaign Clean India) for his enormous contributions in eradicating plastic pollution from Dehradun city and helping in forming policy and implementation of policies at Dehradun Nagar Nigam. Dr Singhal has also contributed in guiding the government officials about Generating energy from waste and to reduce the waste from various parts of Dehradun Uttarakhand.



DIT University Report

Name of the Event Coordinator/Convenor: Dr. Naveen Singhal Dr. Tarumay Ghoshal	Name of the Event: Waste Collection Center at DIT University 'Mera Swachh Shehar' Campaign
Name of the Collaborator(if any) : Dehradun Municipal Corporation	Name of The Resource Person (Multi entry in case of more than one resource) : <Name>
Start Date and End Date : 05.06.2023	No. of Participant (Students and Faculty) : <Separate Count>


DETAILS ABOUT THE EVENT:

Event Description
<p>Brief text with introduction, event details, content and outcome:</p> <p>Relevance with SDG 6 & 7 :</p> <p>Cleanliness drives contribute to cleaner cities, which improves air quality and overall energy efficiency. Also it ensures to minimize waste and non-recyclable products getting mixed with local water bodies thus reducing water pollution.</p> <p>A new purpose, a new initiative</p> <p>Reduce, Reuse, Recycle (RRR) Center now in DIT University in joint initiative with Dehradun Municipal Corporation to implement Environmental Conservation principles</p> <p>RRR Center opened in DIT Campus under the leadership of DIT University Professor and Dehradun Municipal Corporation's Brand Ambassador, Mr. Naveen Singhal.</p> <p>https://www.instagram.com/p/Cs3uh_IP5sj/?igshid=NzJjY2FjNWJiZg%3D%3D&fbclid=IwY2xjawGG7RpleHRuA2F1bQIxMAABHeoVkgjwhflsh40-jvwWBU5GUIAhcTjSKloDmukbxer5M8zdzzX0I2Uypg_aem_c_JAIRvPoUWEYxnkY9taA</p>
<p>Geotagged photograph of the event.</p>



DIT University Report



Collaboration with National Government Agencies on Disaster management and Water Security



**India Universities and Institutions Network
for Disaster Risk Reduction (IUIN-DRR)**
Agenda 6 of Prime Minister's 10-point agenda on DRR
National Institute of Disaster Management, Ministry of Home Affairs, Government of India

Visitor Counter: 212623

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Sr. No.	Registration No	State / Type of University	University/Institution Details
1	IUINREG03	State : Delhi Type of University / Institution : Central Affiliation / Accreditation : NIDM	University/Institution Name : National Institute Of Disaster Management Address : Plot No: 15, Block-B, Pocket-3, Sector-29, Rohini Website Link : https://iuin-drr.nidm.gov.in/
2	IUINREG08	State : Kerala Type of University / Institution : Deemed Affiliation / Accreditation : Amrita	University/Institution Name : Amrita Vishwa Vidyapeetham Address : Amritapuri Campus, Ciappana PO Website Link :
3	IUINREG017	State : Tamil Nadu Type of University / Institution : Deemed Affiliation / Accreditation : VIT	University/Institution Name : VELLORE INSTITUTE OF TECHNOLOGY Address : VELLORE INSTITUTE OF TECHNOLOGY, Deemed to be University Website Link :
137	IUINREG0189	State : Telangana Type of University / Institution : State Affiliation / Accreditation : TELANGANA STATE UNIV	University/Institution Name : JNAFAU-SCHOOL OF PLANNING AND ARCHITECTURE Address : MAHAVEER MARG, MASAB TANK Website Link : https://www.jnafau.ac.in/
138	IUINREG0190	State : Uttarakhand Type of University / Institution : State Private Affiliation / Accreditation : UGC	University/Institution Name : DIT University Address : Mussorie-Diversion Road Website Link : https://www.dituniversity.edu.in/contact-us

<https://iuin-drr.nidm.gov.in/MemberList>

DIT University Report

Appreciation from Central Government for Initiatives of DIT University for Clean City Mission for reducing pollutants to water resources



DIT University Report

Collaborative research on Water Security with Uttarakhand Pollution Control Board (State Government Agency)

(Published in 2023)

1. **Subudhi, S. P.**, Kansal, A., Pandey, P., Ghoshal, T., & Singhal, N. (2023). Impact Examination of the Lockdown on the Status of the Heavy Metal Pollution Index and Health Risk of Ganga River Water Quality. *Environmental Engineering Research*, 28(5). **(Published), SCIE indexed, Journal Paper**
2. **Subudhi, S. P.**, Kansal, A., Ghoshal, T., Singhal, N., & Rana, D. (2023, April). Recent Trends of Temporal and Spatial Variation in Waste Generation and Its Impacts on River Water Quality: Special Emphasis on Suswa and Song Rivers of Uttarakhand. In *Advances in Waste Management: Proceedings of the International Conference on Advances and Innovations in Recycling Engineering (AIR-2021)* (pp. 129-140). Singapore: **Springer Nature Singapore.**, **(Published) (Conference Paper)**

DIT University Report

Research Funding Project Obtained from National Agencies related to Environmental Pollution Management

Uttarakhand State Council for Science and Technology
Department of Information and Science Technology (Govt. of Uttarakhand)
VIGYAN DHAM, Jhajra, Chakrata Road, Dehradun-248015 (UK)
[Email: rmd.ucost@gmail.com]

Dated: 26-09-2023

No.- UCS&T/R&D-28/23-24/ 2459011

ORDER

Sanction of sanction Rs 4,00,000/- (Rupees Four Lakh only) and release Rs 3,20,000/- (Rupees Three Lakh Twenty Thousand only) for implementation of the project titled "Exploring the Potential of Renewable Waste Cooking Oil for Biolubricant Formulations: A Case Study" to 'DIT University Grant Account Dehradun' over a duration of 01 year.

The items of expenditure for the total tenure of 01 year for which the total allocation has been approved are given below:-

S. No	Account Head	Sanction 1 st Year (in Rs.)
6.	Non-Recurring (equipment, accessories, etc.)	56,000.00
7.	Manpower- JRF-01 @ Rs. 12,000/pm	1,44,000.00
8.	Consumables	1,50,000.00
9.	Travel	30,000.00
10.	Contingency	20,000.00
	Total	4,00,000.00

On the basis of Council's policy, the sanction and release of funds for the 1st year of the project is proposed hereunder:-

(i)- Total amount proposed for 1 st Year	4,00,000
(ii)- Amount proposed to be released for 1 st Year	3,20,000
(iii)- Balance	(i-ii) 80,000

Balance amount may be paid later on after receiving Progress Report of the project and requisition for funds (if required/requested).

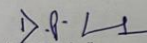
Grant is being released to the Vice Chancellor, "DIT University Grant Account Dehradun" through RTGS/NEFT in Punjab National Bank; Makkawala; Account Number: 15262413000051; IFSC PUNB0152610; GST No: 05AAAAI0193D2Z7; Mobile: 9812428464.

☞ Above grant is subject to the terms and conditions available at our webpage link: <http://ucost.in/grants/forms.html>.

☞ PI must submit "Date of Start Intimation Form" to the Council.

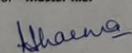
☞ PI will strictly follow the terms and conditions.

☞ This order is being issued as per approval accorded by Director General, UCOST.


(Dr D.P. Uniyal)
Joint Director

No. and Date as above
Copy for information and necessary action to:

- The Vice Chancellor, DIT University, Dehradun-248009 (Uttarakhand).
- Dr Suheel K. Porwal, Assistant Professor, Department of Chemistry, School of Physical Sciences, DIT University Dehradun Pin 248009 (Uttarakhand), [PI of the project]
- Dr Jyoti Porwal, Senior Technical Officer, CSIR-MRED, CSIR-IIP, Dehradun-248005 (Uttarakhand). [Co-PI of the project]
- Dr Naveen Singhal, Professor, Department of Chemistry, DIT University, Dehradun-248009 (Uttarakhand). [Co-PI of the project]
- Accounts Section for release of above amount, debitible under R&D head.
- Master file.


(Dr Aparna Sharma)
Sr. Scientific Officer

DIT University Report

