

**SDG 17**



# DIT University Event Report 2022-23

**T**he advancement of the society in this age is only possible with mutual cooperation, collaboration, extending help to each section of the society and sharing of resources. The efficiency of achieving the SDGs become more while working in collaboration than an individual. This is true whether it is applicable for a person or an organization or a country. Wastage of resources must be zero and at the same time abundant resources must be generously shared with those not having access. This mutual cooperation is the fundamental principle of sustainability with involvement and participation of all. UN SDG17 aims to revitalize the global partnership for sustainable development. In line with UN SDG principle DIT University firmly believes in collaboration be it in research or resource sharing or implementation of its work culture not only inclusive but exclusive of University premises. The supportive and flexible work culture of DIT University essentially lies on the proposition of trust-integrity, employee engagement-opportunities, respect-fairness.

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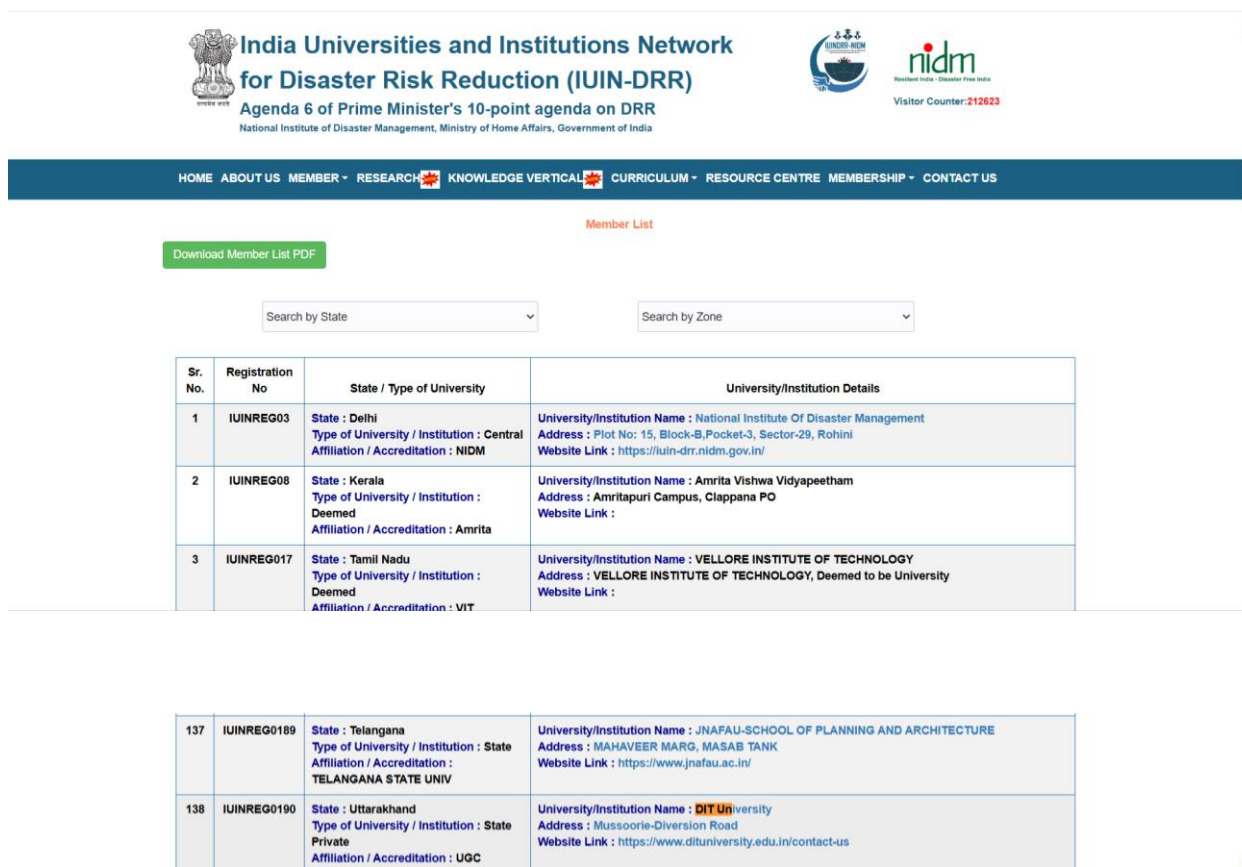
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## Collaborative activities with Government Agencies

DIT University is registered with India Universities and Institutions Network for Disaster Risk Reduction. (IUIINDRR-NIDM), National Institute of Disaster Management with the objective to discuss current challenges in society related to Environment and sustainability and to explore the technological solutions to mitigate the problems. The main focus is to deliberate on disaster management strategies and implementation.



The screenshot shows the website for the India Universities and Institutions Network for Disaster Risk Reduction (IUIINDRR-NIDM). The page header includes the logos of the Government of India, IUIINDRR-NIDM, and NIDM. Below the header is a navigation menu with links: HOME, ABOUT US, MEMBER, RESEARCH, KNOWLEDGE VERTICAL, CURRICULUM, RESOURCE CENTRE, MEMBERSHIP, CONTACT US. The main content area is titled "Member List" and features a "Download Member List PDF" button. There are two search filters: "Search by State" and "Search by Zone". Below these filters is a table listing member institutions.

Sr. No.	Registration No	State / Type of University	University/Institution Details
1	IUIINDRR03	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 : <a href="https://iuiindrr.nidm.gov.in/">https://iuiindrr.nidm.gov.in/</a>
2	IUIINDRR08	State : Kerala Type of University / Institution : Deemed Affiliation / Accreditation : Amrita	University/Institution Name : Amrita Vishwa Vidyapeetham Address : Amritapuri Campus, Ciappana PO Website Link :
3	IUIINDRR017	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	IUIINDRR0189	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 : <a href="https://www.jnafau.ac.in/">https://www.jnafau.ac.in/</a>
138	IUIINDRR0190	State : Uttarakhand Type of University / Institution : State Private Affiliation / Accreditation : UGC	University/Institution Name : <b>DIT</b> University Address : Mussoorie-Diversion Road Website Link : <a href="https://www.dituniversity.edu.in/contact-us">https://www.dituniversity.edu.in/contact-us</a>

<https://iuiindrr.nidm.gov.in/MemberList>

# DIT University Event Report 2022-23



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# DIT University Event Report 2022-23

## DIT University's Engagement with Government on societal upliftment and implementation of SDGs at rural level.

Name of the Event Coordinator/Convenor: Dr. Naveen Singhal	Name of the Event: Tribal youth Day
Name of the Collaborator(if any) : Nehru Yuva Kendra Sangathan (Government of Uttarakhand)	Name of The Resource Person (Multi entry in case of more than one resource) : Former Chief Minister, Dr. Ramesh Pokhriyal Nishank, Uttarakhand Govt.
Start Date and End Date : 02-08.10.2023	No. of Participant (Students and Faculty) : 55

### DETAILS ABOUT THE EVENT:

Event Description
<p><b>Brief text with introduction, event details, content and outcome:</b></p> <p>Relevance with SDG 6, 7, 11, 13: The Event focussed the role and importance of tribal youths for environmental resource management, preserving traditions and local resources, co-existence and social upliftment</p> <p>Celebrating the 15th Tribal Youth Exchange Program! Honoring the rich culture of our nation as tribal youth from 4 states and 10 districts embark on a transformative journey in the enchanting land of Uttarakhand. Former Chief Minister, Dr. Ramesh Pokhriyal Nishank, welcomes them to Devbhoomi, where dedication, sacrifice, and spirituality thrive. Our mission is to empower tribal youth, promote their potential, and preserve their unique heritage. Join us in celebrating unity, growth, and the spirit of Vasudhaiva Kutumbakam - the world as our family</p>
<p><b>Geotagged photograph of the event.</b></p> <div style="display: flex; justify-content: space-around;">   </div>



# DIT University Event Report 2022-23

## Participation in Government Sponsored Conferences related to Water – SDG 3





# DIT University Event Report 2022-23

**Accelerate Vigyan**





THIS CERTIFICATE IS AWARDED TO

**MANISH PANT**

FOR SUCCESSFULLY PARTICIPATED IN

Science and Engineering Research Board (SERB), Government of India (GOI)  
Sponsored "वृत्तिका" VRITIKA (Training and Skill Internship) programme on

**"SPRINGS AND THEIR MANAGEMENT FOR SUSTAINABLE  
WATER SECURITY IN HILLY AREAS"**

*(Smart Mobile Applications for Spring Water Monitoring and Assessment of Water Quality  
Index WQI in Hawalbagh Block, Almora District)*

Duration: Six Weeks (i. e. 16<sup>th</sup> August to 3<sup>rd</sup> September and 12<sup>th</sup> to 30<sup>th</sup> September, 2022)  
Organized by

**G B Pant University of Agriculture and Technology, Pantnagar-263145**

*Jyothi Prasad*  
Dr. (Mrs.) Jyothi Prasad  
Professor  
Department of Civil Engineering  
G. B. Pant Univ. of Agri. & Tech.  
PANTNAGAR-263145 (Uttarakhand)



*Alaknanda Ashok*  
.. 30/9/22  
HEAD OF THE INSTITUTE  
(Alaknanda Ashok)  
DEAN  
College of Technology  
Pantnagar-263145  
Distt. U.S. Nagar (Uttarakhand)

# **DIT University Event Report 2022-23**

## **Collaborative Conference Activity with Government Registered Society and Higher Educational Institutions on SDGs**

Collaborative activities with Government Agencies DIT University frequently organizes various national and international conferences as well as panel discussions jointly with Government Organizations and research institutions to discuss current challenges in society related to Environment and sustainability and to explore the technological solutions to mitigate the problems.

# DIT University

## Event Report

### 2022-23

<b>Name of the Event Coordinator/Convenor:</b> Dr. Surjeet Chahal (Convenor) Dr. Parveen Kumar (Organizing Secretary)	<b>Name of the Event:</b> Two days National Conference on Recent Advances in Materials and Nanotechnology (RAMAN-2023)
<b>Name of the Collaborator(if any) :</b> <ul style="list-style-type: none"> <li>• SPIE DIT University Chapter</li> <li>• Materials Research Society of India (MRSI), Delhi Chapter</li> </ul>	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> Chief guest Dr. Ajay Kumar, Director-IRDE, DRDO, Dehradun. Dr. Chandra Prakash, Former Additional Director, ER & IPR, DRDO; Prof. K.K. Raina, Vice Chancellor, Ramaiah University of Applied Science, Bengaluru Prof. Ramesh Chandra, IIT Roorkee Prof. Sevi Murugavel, University of Delhi Prof. Rajesh Punia, M.D. University, Rohtak; Dr. Sajjan Dahiya, M.D. University, Rohtak; Dr. Parveen Malik, NIT Jalandhar, Punjab; Dr. Pankaj Kumar, Chitkara University; Dr. Parmod Kumar, JCBUST, YMCA; Dr. Sabya Sachi Das, DIT University; Dr. Navish Kataria, JCBUST, YMCA
<b>Start Date and End Date :</b> 07/04/23 to 08/04/23	<b>No. of Participant (Students and Faculty) :</b> Participants: 80

#### DETAILS ABOUT THE EVENT:

Event Description
<p><b><u>Relevance with SDG 6 &amp; 7</u></b></p> <p>Advances in materials and nanotechnology play a pivotal role in addressing Sustainable Development Goals (SDG) 6 (Clean Water and Sanitation) and SDG 7 (Affordable and Clean Energy). For SDG 6, nanotechnology offers promising solutions for water purification and filtration. Nanomaterials, like graphene and carbon nanotubes, can remove contaminants, heavy metals, and pathogens from water more effectively than traditional filters, making clean water more accessible. Additionally, smart materials designed to capture and store rainwater, or enhance soil water retention, improve water availability, especially in arid regions.</p> <p>For SDG 7, materials science and nanotechnology contribute significantly to clean energy advancements. Nanomaterials improve the efficiency of solar cells, making renewable energy more affordable and accessible. Innovations in battery materials enhance energy storage capacity, which is essential for reliable renewable energy use. Furthermore, nanotechnology enables the development of lightweight, durable materials for wind turbines, solar panels, and energy-efficient buildings. These technological advancements help lower the cost of clean energy solutions, thereby making sustainable energy more widely available and accelerating progress toward achieving SDG 6 and 7</p>

# DIT University

## Event Report

### 2022-23

Objective: To provide an opportunity to accomplish a forum for professional interactions and dissemination of information on latest and perspective developments in the emerging fields.

**Brief Description:** Two days National Conference on Recent Advances in Materials and Nanotechnology (RAMAN-2023) was jointly organized by Materials and Nano Engineering Research Laboratory, Department of Physics with SPIE DIT University Chapter and Materials Research Society of India (MRSI), Delhi Chapter on 7<sup>th</sup> and 8<sup>th</sup> April 2023.

The inaugural function was held on 7<sup>th</sup> April and the conference was inaugurated by chief guest Dr. Ajay Kumar, Director-IRDE, DRDO, Dehradun. Prof. G. Raghurama, Vice Chancellor, DIT University presided over the function. Dr. Chandra Prakash, Former Additional Director, ER & IPR, DRDO; Prof. K.K. Raina, Vice Chancellor, Ramaiah University of Applied Science, Bengaluru, and Prof. Ramesh Chandra, IIT Roorkee were special invitees. Prof.

Priyadarsan Patra, Pro Vice Chancellor, DIT University; Dr. Vandana Suhag, Registrar, DIT University; Prof. Naresh Mohan Chadha, Dean, School of Physical Sciences, DIT University; Prof. Surbhi Sachdev, Department of Physics, DIT University; Prof. Manoj Bhatnagar, Department of Physics, DIT University; Dr. R.K. Shukla, Head, Department of Physics, DIT University also graced the occasion. Our chief guest motivated and encouraged the participants, delegates and students of DIT University towards skill India and Make in India schemes of Govt. of India. He also shared the innovative research facilities and the opportunities for the students in various CMET-centres across the country. Dr. Chandra Prakash also gave a brief about MRSI and National and International status of research in the field of Electroceramics and Nano in India.

Around 80 delegates from various National and International universities, institutions and colleges participated in the conference. Five technical sessions were organized. Dr. G. Thakre, Indian Institute of Petroleum, Dehradun delivered the Key note address to the after the inaugural session. Prof. Rajesh Punia, M.D. University, Rohtak; Prof. Ramesh Chandra, IIT Roorkee; Dr. Sajjan Dahiya, M.D. University, Rohtak; Dr. Parveen Malik, NIT Jalandhar, Punjab; Dr. Pankaj Kumar, Chitkara University; Dr. Parmod Kumar, JCBUST, YMCA; Dr. Sabya Sachi Das, DIT University; Dr. Navish Kataria, JCBUST, YMCA; were Invited speakers in different technical sessions. There were about 75 contributory papers for oral and poster presentations.

Valedictory function of the conference was held on 8th April, 2021 and Prof. Sevi Murugavel, University of Delhi was the chief guest. Prof. Priyadarsan Patra, Pro Vice Chancellor, DIT University; Dr. Manoj Bhatnagar, Department of Physics, DIT University; Prof. Surbhi Sachdev, Department of Physics, DIT University graced the occasion. In this function Best Presentations were announced. This conference was thankfully sponsored by DRDO, SERB and CSIR.

Learning Outcome: The event provided a platform for the researchers in the field of nanomaterials for various applications. The invitees from various research background presented how the advancement in the nanomaterials is shaping for energy, water technology drug delivery, catalytic, piezoelectric, and spintronic applications. The research scholars and students interacted with the one of the best Professors/scientists of the field.

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Geotagged photograph of the event.



**Media/News Coverage (if any)**

LinkedIn: [https://www.linkedin.com/posts/surjeet-chahal-a37520148\\_conference2023-raman-scienceandtechnology-activity-7051219107462995968-D93b?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/surjeet-chahal-a37520148_conference2023-raman-scienceandtechnology-activity-7051219107462995968-D93b?utm_source=share&utm_medium=member_desktop)



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