

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.

DIT University Event Report 2022-23

CONTENTS



S. No.	Topics	Page No.
1.	Preface	1
2.	Guest Lecture on Planning and Urban Design of Bandrakurla Complex, Mumbai	2
3.	Interactive Session on Architecture for Equipose	3
4.	Technical Group Discussion	4
5.	Workshop On Drone Technology	5
6	Engineer's Day	6-7
7	ENVIRONMENTAL CHALLENGES IN THE NET ZERO ERA	8-9

DIT University Event Report 2022-23

University promotes sustainable use of resources on campus through Expert Talks, Guest Lectures, Events etc.

Name of the Event Coordinator/Convenor: Dr. Akhilesh Kumar/ Dr. Ashutosh Joshi	Name of the Event: Guest Lecture on Planning and Urban Design of Bandrakurla Complex, Mumbai
Name of the Collaborator(if any) : Institute of Architecture & Planning, Nirma University	Name of The Resource Person (Multi entry in case of more than one resource) : Dr. Utpal Sharma
Start Date and End Date : 03/03/2023	No. of Participant (Students and Faculty) : 45

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 and 7: The event was aimed to increase knowledge of students of architecture and civil engineering about smart and sustainable design of building, water capacity and energy saving design implementation</p> <p>Brief text with introduction, event details, content and outcome: The guest lecture was conducted to provide an understanding about the various challenges of urban design and planning of a Bandrakurla Complex which is a prominent commercial hub in Mumbai. The master plan of this complex connects the developing northern districts of the city with the historical southern city.</p> <p>Learning Outcome: To understand the challenges involved in an urban design large project and strategy to meet the challenges.</p>
<p>Geotagged photograph of the event.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  </div> <div style="width: 45%;">  </div> </div>

DIT University Event Report 2022-23

Name of the Event Coordinator/Convenor: Ar. Kunuku Tamogna	Name of the Event: Interactive Session on Architecture for Equipose
Name of the Collaborator(if any) : MSA Bangluru	Name of The Resource Person (Multi entry in case of more than one resource) : Prof. Anne Feenstra
Start Date and End Date : 30/01/2023	No. of Participant (Students and Faculty) : 37



DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 and 7: The event was aimed to increase knowledge of students of architecture and civil engineering about smart and sustainable design of building, water capacity and energy saving design implementation</p> <p>Brief text with introduction, event details, content and outcome: Prof. Anne Feenstra is a mountain and sustainability expert, who is also a Laureate of the Global Award for Sustainable Architecture 2012 (Paris) and former Dean of Architecture, CEPT University, Ahmedabad. The seminar predominantly revolved around the ecologically sensitive projects at Afghan Pamirs, Gangotri, Kanchenjunga and Mussoorie where Prof. Anne practiced pro-people and material up-cycle design interventions. The motivating session was a great opportunity for architecture students to learn from one of the best in the fields of Sustainability.</p> <p>Learning Outcome: To learn the pro- people and material up-cycle design interventions for achieving sustainability in building design</p> <p>Geotagged photograph of the event.</p> <div style="display: flex; justify-content: space-around;">   </div>

DIT University Event Report 2022-23

Name of the Event Coordinator/Convenor: 1) Mr. Prakash Abhiram Singh 2) Dr. Shulaluki Pal	Name of the Event: Technical Group Discussion
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in case of more than one resource) : Dr. B. K. Singh Dr. Tarumay Ghoshal Dr. Shubhojit Roy
Start Date and End Date : 14/09/2023	No. of Participant (Students and Faculty) : 12

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6: The event aimed to increase knowledge of students increasing water capacity, increasing water quality and quantity and design of water treatment plants, sustainable city design</p>
<p>Brief text with introduction, event details, content and outcome: Technical group discussion was organised to boost technical skill required for students for Environmental Engineering. Technical topics were selected by judge Dr. Subhojit Roy from a group of topics selected by organising committee on water resource management. Students were given 5 mins for research before starting the round</p>
<p>Geotagged photograph of the event.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>

DIT University Event Report 2022-23

Name of the Event Coordinator/Convenor: Department of EECE, DIT University, Dehradun	Name of the Event: Workshop On Drone Technology
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in case of more than one resource) :
Start Date and End Date : 07th Feb, 2023 Time: 02:00 P.M. – 05:00 P.M.	No. of Participants (Students and Faculty) : Students: 80

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 and 7: The event was aimed to increase knowledge of students and faculty members about use of drone technology to ensure flood management, water pollution abatement and energy saving technology implementation by minimizing mechanical efforts to tackle any disaster problem</p> <p>Brief description: The Department of EECE, DIT University, Dehradun, Uttarakhand, organized a one-day workshop on drone technology, in collaboration with Mega Drones Pvt. Ltd. at the university campus. The workshop was inaugurated by the chief guest, Dr. B.K. Singh, Dean of SoET, DIT University, and HoD of the EECE Dr. Nafees Ahmad, accompanied by Dr. Dhruva Chaudhary,</p> <p>The event focussed on environmental applications of Drones in modern era such as Disaster Management, Water resource Management, Flood Management, Irrigation etc.</p>

Geotagged photograph of the event.



DIT University Event Report 2022-23

Name of the Event Coordinator/Convenor: Dr. Nitin Kumar Gupta	Name of the Event: Engineer's Day
Name of the Collaborator (if any):	Name of The Resource Person (Multi entry in case of more than one resource): 1- Mr. Ram S. Uniyal, Deputy General Manager of IT & e-governance, Uttarakhand 2- Dr. G.D. Thakre, Principal Scientist at the Indian Institute of Petroleum (CSIR-IIP), Dehradun
Start Date and End Date: 15 th September 2023	No. of Participant (Students and Faculty) : 80 apporx.

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 and 7: The event was aimed to increase knowledge of students of engineering about smart and sustainable design of building, water capacity and energy saving design implementation. Also various civil big projects solving water and energy problems of society were discussed.</p> <p>Brief description: The School of Engineering and Technology (SoET) at DIT University organized a celebration of Engineers' Day on 15th September 2023 to honor the contributions of engineers, in memory of Sir Mokshagundam Visvesvaraya. The event, held in the Seminar Hall of the Visvesvaraya Building, featured prominent guests, including Mr. Ram S. Uniyal as the Chief Guest and Dr. G.D. Thakre as the Guest of Honour. The event was designed to highlight the critical role engineers play in societal progress and technical innovation.</p> <p>Event Schedule:</p> <p style="text-align: center;">Schedule of Activities:</p> <p>3:00 PM – Reception of Guests by Dean SoET, Event Coordinator, and HoDs 3:05–3:10 PM – Lamp Lighting Ceremony and Kulgeet by all dignitaries 3:10–3:15 PM – Welcome Address by Dean SoET, Dr. B.K. Singh 3:15–3:20 PM – Life sketch of Sir Mokshagundam Visvesvaraya presented through a video by students 3:20–3:25 PM – Introduction of Chief Guests by the student anchor 3:25–3:55 PM – Speech by Chief Guest, Mr. Ram S. Uniyal 3:55–4:25 PM – Speech by Guest of Honour, Dr. G.D. Thakre 4:25–4:30 PM – Felicitation of the Guests 4:30–4:35 PM – Address by Vice-Chancellor</p>

DIT University Event Report 2022-23

4:35–4:40 PM – Address by Pro-Vice-Chancellor

4:40–4:55 PM – Awards presented to students for technical events conducted by SoET and SoC

4:55–5:00 PM – Vote of Thanks

5:00 PM – High Tea

Content:

The Engineers' Day celebration commenced with the dignitaries lighting the ceremonial lamp and the university's Kulgeet being sung. Following a welcome address by the Dean of SoET, Dr. B.K. Singh, a video was presented on the life of Sir Mokshagundam Visvesvaraya, a notable engineer who continues to inspire generations.

The Chief Guest, Mr. Ram S. Uniyal, delivered a compelling address, focusing on the role of engineers in the field of IT and e-governance in **environmental resource management, irrigation engineering, watershed management**, highlighting the transformative impact of engineering innovations in governance processes. This was followed by the Guest of Honour, Dr. G.D. Thakre, who shared his insights on research and advancements in the energy sector, particularly in petroleum sciences.

After the guest speeches, the dignitaries were felicitated, and the Vice-Chancellor and Pro-Vice-Chancellor of DIT University gave brief addresses, encouraging students to strive for excellence. The program concluded with the distribution of awards to students who excelled in the technical events organized during the Engineers' Day celebration.

Outcome:

The event successfully provided a platform for students to interact with industry leaders, gaining valuable insights into the application of engineering in various fields. It also fostered a sense of pride among future engineers by recognizing their contributions through awards. Overall, the Engineers' Day celebration was a memorable and inspiring event that emphasized the importance of engineering in societal development and technological progress.

Geotagged photograph of the event.



DIT University Event Report 2022-23

Name of the Event Coordinator/Convenor: Dr. Tarumay Ghoshal	Name of the Event: ENVIRONMENTAL CHALLENGES IN THE NET ZERO ERA
Name of the Collaborator (if any):	Name of The Resource Person (Multi entry in case of more than one resource): Honorable Expert: Dr. Upendra Tripathy, former IAS
Start Date and End Date: 30 th January, 2023	No. of Participant (Students and Faculty) : 65

DETAILS ABOUT THE EVENT:

Event Description
<p>Relevance with SDG 6 and : 7 The expert talk was crucial for advancing SDG 6 (Clean Water and Sanitation) and SDG 7 (Affordable and Clean Energy) by addressing sustainable water resource management, pollution reduction, and energy conservation. Discussions on water-saving techniques and clean energy transitions highlighted the link between resource efficiency and sustainable development. By fostering awareness and practical solutions, the event empowered participants to contribute meaningfully to these SDGs.</p> <p>Brief description:</p> <p>https://www.linkedin.com/posts/dr-tarumay-ghoshal-5b6926218_dit-activity-7024780812663283712-iNRF?utm_source=share&utm_medium=member_desktop</p> <p>Honorable Expert:</p> <p>Dr. Upendra Tripathy, former IAS</p> <p>Recipient of the Prime Minister's Award for Excellence in Public Administration First DG of International Solar Alliance, UN Former spearhead of National Solar Mission Adviser to Govt. of Odisha at present</p> <p>Outcome:</p> <p>DIT University organized an insightful expert talk titled "Environmental Challenges in the Net Zero Era," focused on the themes of water conservation, energy conservation, sustainable water resource management, and strategies for reducing waste deposition in water bodies. This event, attended by</p>

DIT University Event Report 2022-23

students, faculty, and experts, highlighted critical environmental issues pertinent to achieving net-zero goals.

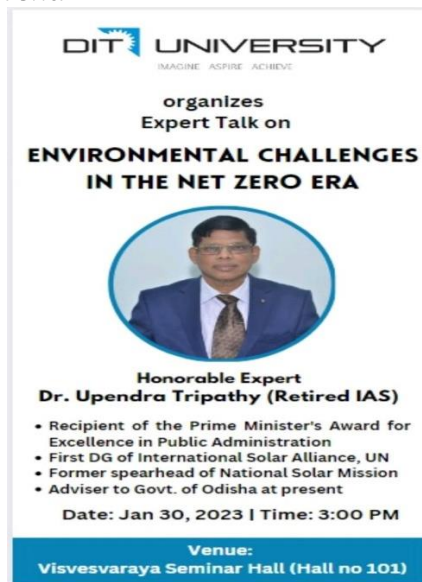
The session commenced with an introduction to the global and local environmental challenges, emphasizing the increasing urgency for innovative approaches to water and energy conservation. The speaker provided a comprehensive overview of strategies to manage and preserve water resources sustainably, discussing the importance of efficient irrigation methods, rainwater harvesting, and advanced filtration techniques. The impact of climate change on water availability and the need for adaptive solutions were also key points of discussion.

Energy conservation was another focal area, with the expert underscoring the importance of transitioning to clean energy sources, improving energy efficiency, and reducing carbon footprints. Best practices in sustainable building design, renewable energy adoption, and the role of smart technologies in energy management were covered, highlighting DIT University's commitment to sustainability in alignment with India's net-zero targets.

An interactive session on minimizing waste deposition in water resources offered actionable insights, such as the adoption of **waste segregation practices, enhanced wastewater treatment, and community involvement in preserving local water bodies**. The expert encouraged participants to consider circular economy principles to reduce pollution and promote sustainability.

This talk not only raised awareness but also equipped attendees with practical knowledge to contribute effectively to environmental protection. DIT University remains committed to fostering dialogues that inspire sustainable practices and support India's journey towards a net-zero future.

Geotagged photograph of the event.



DIT University Event Report 2022-23

