



# Annual Activity related to SDG-17





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

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

#### DETAILS ABOUT THE EVENT:

Event Description

Brief text with introduction, event details, content and outcome:

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

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





Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Surjeet Chahal (Convenor)	Two days National Conference on Recent
Dr. Parveen Kumar (Organizing Secretary)	Advances in Materials and Nanotechnology
	(RAMAN-2023)
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
SPIE DIT University Chapter	case of more than one resource) :
Materials Research Society of India	Chief guest Dr. Ajay Kumar, Director-IRDE,
(MRSI), Delhi Chapter	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
Start Date and End Date :	No. of Participant (Students and Faculty) :
07/04/23 to 08/04/23	Participants: 80

#### DETAILS ABOUT THE EVENT:

**Event Description** 

#### Relevance with SDG 6 & 7

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.

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



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 Bhatanagar, 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.





Media/News Coverage (if any) LinkedIn: <u>https://www.linkedin.com/posts/surjeet-chahal-a37520148\_conference2023-raman-scienceandtechnology-activity-7051219107462995968-</u> D93b?utm\_source=share&utm\_medium=member\_desktop



Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Naveen Singhal	National Youth Day
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
NSS Council and Youth Red Cross	case of more than one resource) :
	Dr. Naveen Singhal
Start Date and End Date :	No. of Participant (Students and Faculty) :
12.01.2023	55

#### DETAILS ABOUT THE EVENT:

**Event Description** 

Brief text with introduction, event details, content and outcome:

Relevance with SDG 3, 4, 5: The teachings of Swami Vivekananda relates to building strong and sound health, moral character and learning lessons from Philosophy and Science so related to SDG 3, 4, 5

Swami Vivekananda was a monk, philosopher, author, religious teacher, and the primal disciple of the Indian mystic Ramakrishna. On the account of his 160th birth anniversary, National Youth Day is observed on January 12, every year. This day is also prominently known as the Vivekananda Jayanti.

This year at DIT University, the NSS Council and Youth Red Cross commemorated the anniversary. The words of Swami Vivekananda continue to inspire people till this date.

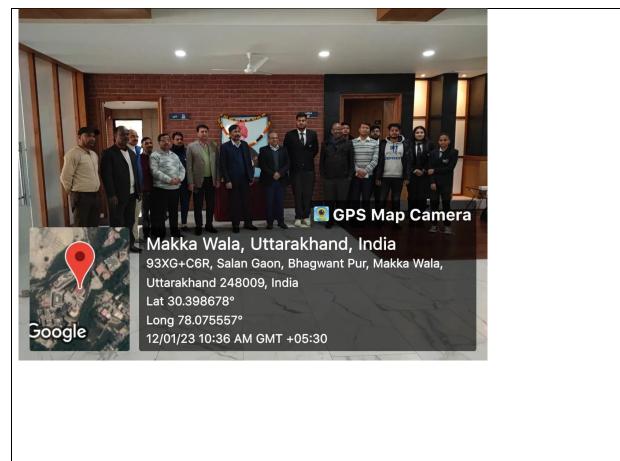
"Strength is Life, Weakness is Death. Expansion is Life, Contraction is Death. Love is Life, Hatred is Death."

- Swami Vivekananda











Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Naveen Singhal	Yuvah Diwas
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
	case of more than one resource) :
Youth Welfare and PRD, Uttarakhand.	Dr. Naveen Singhal
Start Date and End Date :	No. of Participant (Students and Faculty) :
06.12.2023	55

#### DETAILS ABOUT THE EVENT:

Event Description Brief text with introduction, event details, content and outcome:

Relevance with SDG 3: Dr. Naveen Singhal, Chief Proctor is always involved in community services related to health, environment, helping needy people. By receiving the award from Government of Uttarakhand, he has uplifted the recognition of DIT University for contributions to SDG 3, 11, 13

On 04<sup>th</sup> Jnauray, 2023 Dr. Naveen Singhal, Dean, Alumni Relations & Chief Proctor, DIT University was felicitated by the NSS Directorate, Uttarakhand for noteworthy service during the COVID-19 pandemic.

The award was presented to the dignitary by Jitendra Kumar Sonkar, Director, Youth Welfare and PRD, Uttarakhand.







Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Naveen Singhal	Blood Donation Camp
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
Devbhoomi Vikas Sansthan	case of more than one resource) :
	Dr. Naveen Singhal
Start Date and End Date :	No. of Participant (Students and Faculty) :
12.09.2023	105

#### DETAILS ABOUT THE EVENT:

Event Description

Brief text with introduction, event details, content and outcome:

Relevance with SDG 3: Blood Donation camp ensures timely supply of blood during emergency. DIT University always promotes SDG 3 byy arranging frequent blood donation camps jointly with various government and non-government organizations at Dehradun both on and Off Campus

Students and teachers of DITU came out in large numbers to donate blood on September 13, 2023 in a bid to fight the dengue epidemic. All donors received certificates.

The camp was inaugurated by former Chief Minister and Chief Guest, Trivendra Singh Rawat, Director of CMI Hospital, Dr. RK Jain, and DITU Vice Chancellor, Dr. G. Raghurama. A lamp lighting ceremony was held in the presence of the Vice Chancellor, Registrar Dr. Samuel, DEAN Alumni Dr. Naveen Singhal, as well as Dr. Jabrinder Singh, Saurabh Mishra, Manjula Khulbe, and leading blood donors Mrs. and Mr. Anil Verma.

A special mention to the girl students who showed great enthusiasm at the camp!

As part of the camp, a session was organized with nursing and paramedical students, where Dr. RK Jain shared important insights into how girl students can increase their hemoglobin by keeping their diet and daily routine balanced.

In his address, the Chief Guest said: "You are the future of India. You have to keep the society healthy while staying healthy yourself. Society should come forward to ensure that there is not a single death due to anemia in this dengue epidemic. During the Covid-19 period, on the call of the Prime Minister, the whole country came together to save society. This is the social responsibility of all of us." He added that tree plantation and organ donation are important needs and called upon the youth to come forward.







# Celebration of Dehradun International Science & Technology Festival (DISTF)-2023 with NGOs and Government agencies

Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Tarumay Ghoshal	Dehradun International Science & Technology
	Festival (DISTF)-2023
Name of the Collaborator (if any) :	Name of The Resource Person (Multi entry
	in case of more than one resource) :
Society for Research and Development in Science,	
Technology, and Agriculture	
Start Date and End Date:	No. of Participant (Students and Faculty):
27-29.10.2023	500

#### DETAILS ABOUT THE EVENT:

#### **Event Description**

#### Brief text with introduction, event details, content and outcome:

Dehradun International Science & Technology Festival (DISTF)-2023 was organized jointly by Uttarakhand State Council for Science & Technology (Govt. of UK) & Society for Research & Development in Science Technology and Agriculture (SRADSTA) in joint association with SEED, Department of Science & Technology, Govt. of India, Oil & Natural Gas Corporation Ltd. (ONGC), Uttarakhand Science Education & Research Center and DIT University, Dehradun supported by different Govt. Departments of Uttarakhand. DISTF-2023 is a first of its kind event organized to provide a platform to everyone from the population of scientific and technological enthusiasts. The motivation behind the event is to have a centre stage to promote, learn and nourish the brilliance of youngsters and achievers. Approximately twenty thousand plus (50,000+) visitors has participated the event from across the state physically and enjoy the Science & Technology Exhibition.



#### Photograph of the event.





Name of the Event Coordinator/Convenor:	Name of the Event:
Teaching and Learning Center DIT University	Meet Your faculty – Outreach Educational
	Program for Wider community
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 :	No. of Participant (Students and Faculty) :
2023	Open to all through online

#### DETAILS ABOUT THE EVENT:

**Event Description** 

#### Relevance with UN SDGs

The educational outreach programs organized by DIT University touched on several UN Sustainable Development Goals (SDGs), given their focus on innovative technology, social justice, and sustainable development. The following SDGs were particularly relevant:

#### SDG 4: Quality Education

Through live streaming and webinars focused on career counseling and educational opportunities, DIT University directly contributed to enhancing inclusive and equitable education. By providing access to knowledge on emerging fields and global issues, the initiative supports lifelong learning opportunities for students.

#### SDG 8: Decent Work and Economic Growth

Topics such as economic growth and career counseling encouraged students to explore career paths and understand the role of sustainable economic practices. This aligns with promoting sustained, inclusive economic growth and productive employment for all.

#### SDG 9: Industry, Innovation, and Infrastructure

Discussions on smart and sustainable cities, energy-efficient technologies, and applications of AI, ML, and cybersecurity reflect a strong focus on innovation, infrastructure, and industrial growth, all of which are essential for achieving resilient and sustainable cities and economies.

#### SDG 10: Reduced Inequalities

By providing equal access to educational opportunities through accessible online platforms, the programs contributed to reducing inequalities in access to information, skills, and career guidance, benefiting students from various socioeconomic backgrounds.

#### SDG 11: Sustainable Cities and Communities

The focus on smart and sustainable city development aligns directly with the goal of making cities inclusive, safe, resilient, and sustainable. Topics included planning for urban spaces that prioritize environmental sustainability and quality of life.

#### SDG 13: Climate Action

Energy conservation and efficient technologies are directly related to climate action, as they help reduce greenhouse gas emissions and promote sustainable energy practices. By educating students on these topics, DIT University supports awareness and action on climate issues.

SDG 16: Peace, Justice, and Strong Institutions



E-governance and social justice topics were central to the discussions, linking to SDG 16's focus on promoting transparent institutions, reducing corruption, and ensuring access to justice for all.

#### SDG 3: Good Health and Well-Being

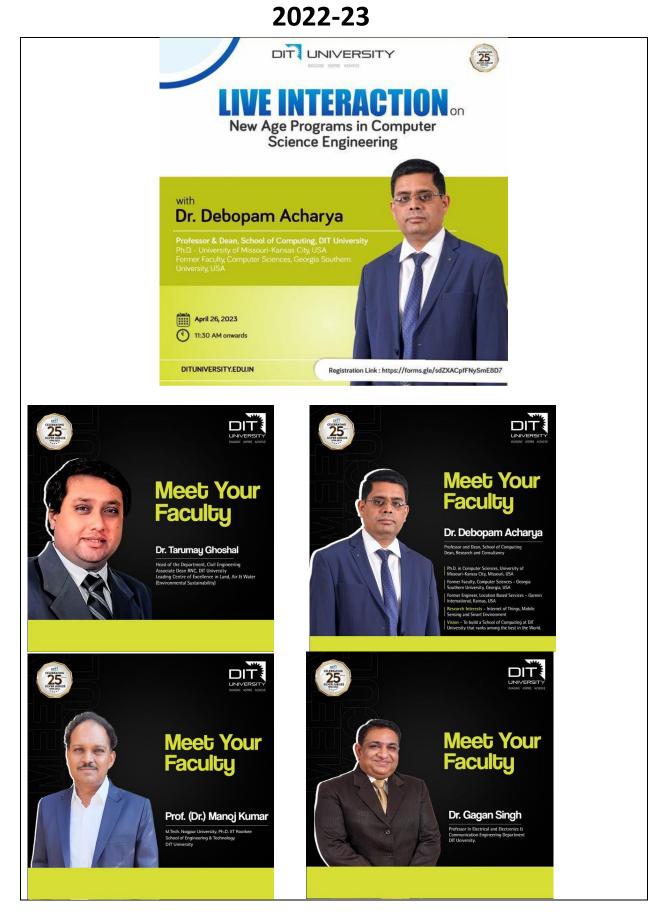
With sessions on health monitoring, pharmaceutical reforms, and new medical technologies, the webinars aimed to improve healthcare knowledge and accessibility. These align with the goal of ensuring healthy lives and promoting well-being for all ages.

These SDGs form a critical part of DIT University's efforts to address the complexities of sustainable development through educational outreach, preparing students to engage with and solve future global challenges.

#### Brief text with introduction, event details, content and outcome:

DIT University organized a series of comprehensive educational outreach programs through live streaming and webinars, designed to guide and inspire aspiring students on career counseling and the vast educational opportunities available to them. These sessions covered critical and forward-looking topics, including the development of smart and sustainable cities, highlighting the future of urban design and environmental considerations. They explored the transformative role of AI, machine learning, and cybersecurity, emphasizing how these technologies are shaping the digital landscape. Discussions extended to e-governance, where students learned about technology's potential to improve transparency, efficiency, and citizen engagement within government systems. Social reform and justice were prominent themes, underscoring the importance of building equitable and inclusive societies. Economic growth was also a focal point, emphasizing strategies for sustainable economic development. On the front of environmental responsibility, sessions on energy conservation and energy-efficient technologies showcased modern innovations that can lead to significant cost savings and reduced environmental impact. In the fields of health and medicine, the webinars discussed recent advancements in pharmaceuticals, health monitoring, and medical technologies that aim to improve healthcare accessibility and effectiveness across all socioeconomic groups. These outreach programs reflect DIT University's commitment to equipping students with the knowledge and skills needed to excel in a rapidly changing world while fostering an understanding of critical global challenges and innovations.











Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Naveen Singhal	"Swachhta Hi Seva" - "Cleanliness is Service."
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
NSS council	case of more than one resource) :
	<name></name>
Start Date and End Date :	No. of Participant (Students and Faculty) :
01.10.23	135

#### DETAILS ABOUT THE EVENT:

#### **Event Description**

Relevance to UN SDGs: The "Swachhta Hi Seva" event aligns closely with Sustainable Development Goal 6: Clean Water and Sanitation and SDG 11: Sustainable Cities and Communities. By focusing on cleanliness and pollution prevention of air, water, and soil, the initiative supports clean water resources, sustainable urban environments, and community wellbeing, contributing to healthier ecosystems and quality of life.

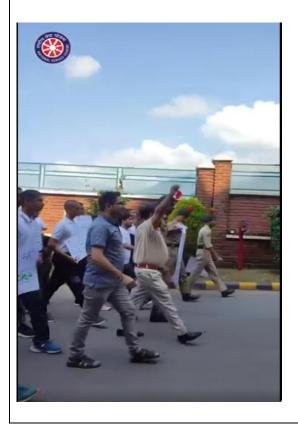
Brief text with introduction, event details, content and outcome:

DIT University recently organized an educational outreach program as part of the national campaign "Swachhta Hi Seva" - "Cleanliness is Service." The event brought together local residents of Dehradun, along with students and faculty, in a collective effort to promote environmental responsibility. With a shared commitment to maintaining cleanliness and preventing pollution of air, water, and soil, participants engaged in various activities to clean up local areas and raise awareness about sustainable practices. The program emphasized the importance of individual and community actions in preserving natural resources and enhancing the overall quality of the environment.













Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Naveen Singhal	Blood Donation Camp
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in case of more than one resource) : <pre><name></name></pre>
Start Date and End Date :	No. of Participant (Students and Faculty) :
25.09.2023	135

#### DETAILS ABOUT THE EVENT:

**Event Description** 

Relevance to UN SDGs: The contributions and community service done by Dr. Naveen Singhal is related to SDG 3: Good health and wellbeing and show DIT University always encourages faculty members to be in forefront of community service

Brief text with introduction, event details, content and outcome:

Dr. Naveen Singhal, Chief Proctor, DIT University was felicitated by the honorable Governor of

Uttarakhand Shri Lieutenant General Gurmit Singh (Retd.) on the occasion of the birthday of

our Honorable Prime minister Shri Narendra Modi ji and the first anniversary of the T B Mukth

Bharat Campaign at Rajbhawan, Dehradun, for his exemplary work in providing blood and

arranging voluntary blood donation camps for needy people. He also motivated and educated

#### people to do service selflessly.

DIT University applauds his great contribution to society and this memorable Felicitation.

#### https://www.facebook.com/photo/?fbid=737582861739865&set=a.655039983327487







Name of the Event Coordinator/Convenor:	Name of the Event:
Dr. Tarumay Ghoshal	Interactive sessions with distinguished alumni
Name of the Collaborator(if any) :	Name of The Resource Person (Multi entry in
<name.></name.>	case of more than one resource) :
	<name></name>
Start Date and End Date :	No. of Participant (Students and Faculty) :
22.09.22	41

#### DETAILS ABOUT THE EVENT:

#### **Event Description**

#### Relevance with SDGs:

The Department of Civil Engineering's outreach activities at DIT University align with several Sustainable Development Goals (SDGs), particularly those related to education, economic growth, and community development:

#### SDG 4: Quality Education

By organizing interaction sessions between distinguished alumni and current students, the department contributes to inclusive, quality education and promotes lifelong learning opportunities, offering career counseling and practical insights into the profession.

#### SDG 8: Decent Work and Economic Growth

Career counseling sessions and advice from successful alumni support students' pathways to productive employment and economic growth, preparing them for career success and contributing to a skilled workforce.

#### SDG 9: Industry, Innovation, and Infrastructure

Civil engineering is foundational to sustainable infrastructure and urban planning. Alumni interaction sessions allow students to understand innovations in the field, aligning with goals of sustainable industry and resilient infrastructure development.

Brief text with introduction, event details, content and outcome:

The Department of Civil Engineering at DIT University is dedicated to supporting student development through educational outreach and alumni engagement. It organizes interactive



sessions where distinguished alumni share valuable career insights, guidance, and industry knowledge with current students, fostering a collaborative learning environment. Additionally, the department celebrates the achievements of its alumni by offering words of appreciation and formal congratulatory letters, recognizing their professional milestones and societal contributions. These initiatives strengthen the bond between alumni and the university, creating a robust support network that benefits both students and alumni in their career and personal growth.

