उत्तराखंड शासन

DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India

ONGC
ENERGY: Now AND Next

UPES
UNIVERSITY OF TOMORROW

Research Innovation Science Technology
विद्यामृतमश्नुते

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL (6th DISTF-2025)

Executive SUMMARY

6TH DISTF-2025 Glimpses





BRIDCUL

we build Nations

BRIDGE, ROPEWAY, TUNNEL AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION OF UTTARAKHAND LIMITED











B R I D C U L

Awasthapna Bhawan , Opposite Government ITI Niranjanpur,Majra,
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Tel : 0135-2522941, Fax : 0135-2522941 | E mail ID : bridcul@gmail.com

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

GOVERNMENT OF UTTARAKHAND

ONGC ENERGY: Now AND Next

UPES UNIVERSITY OF TOMORROW

Theme

IDEAS TO INNOVATE

Science & Technology for People

SCIENCE POSTER COMPETITION

SCIENCE Written Quiz

MAGIC OF MATHS

4th YOUNG SCIENTIST & STARTUP Conclave

2nd MEDI-TECHCON Conference on Advanced Technology in Modern Healthcare

WORKSHOP ON ROBOTICS

MEET THE SCIENTIST

STEM WORKSHOP

3rd BIO TECHNOLOGY Conclave

5th GREEN ENERGY CONCLAVE

TEACHER OF THE YEAR 2025

5th CONSTA-25 Conference on Science Technology & Agriculture

hi-fyh Aeromodelling Workshop

SEMINAR ON CYBER SECURITY

MODEL ROCKETRY WORKSHOP

3rd IPR CONCLAVE INTELLECTUAL PROPERTY RIGHTS

International Workshop on UAV UNMANNED AERIAL VEHICLE (DRONE) Technology

3 RURAL ENTREPRENEURSHIP & STARTUP Conclave

STUDENTS' INNOVATION EXHIBITION

EXECUTIVE SUMMARY

http://dehradunsciencefest.org

SOCIETY FOR RESEARCH AND DEVELOPMENT IN SCIENCE, TECHNOLOGY & AGRICULTURE

Registered Office: 02, Raj Residency, Raja Ram Vihar, Sahastradhara Road, Dehradun-248001 (Uttarakhand)

Website: http://dehradunsciencefest.org I Email: sradstauk@gmail.com | Contact: +91 9410353164, +91 8433456398

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

MENTORS

Chief Patron



Sh. Pushkar Singh Dhami

Hon'ble Chief Minister
Uttarakhand

Patron



Sh. Anand Bardhan, IAS

Chief Secretary
Uttarakhand

Chairman
6th DISTF Advisory Board



Dr. R Meenakshi Sundaram, IAS

Principal Secretary
Planning, Energy & Housing,
CEO, CPPGG
Govt. of Uttarakhand

Chairman
6th DISTF Steering Committee



Prof. Dr. Durgesh Pant

Director General
Uttarakhand Council for Science & Technology (UCoST) Dehradun

Organising Secretary
6th DISTF Steering Committee



Dr. Kunwar Raj Asthana

President
Society for Research and Development in Science, Technology & Agriculture

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL (6th DISTF-2025)

In Joint Association with:

Supported By:

Knowledge Partners:

Radio Partner

Media Partner

Hospitality Partner

LT GEN GURMIT SINGH
PVSM, UYSM, AVSM, VSM (Retd)
GOVERNOR UTTARAKHAND

सत्यमेव जयते

LOK BHAWAN
UTTARAKHAND
Phone: 0135-2757400
2757403

06 February, 2026

MESSAGE



I am pleased to note the successful organisation of the 6th Dehradun International Science & Technology Festival held at the UCOST premises, Vigyan Dham, Jhajra, Dehradun.

Platforms such as this festival play an important role in fostering scientific temper, innovation, and collaboration. By bringing together scientists, researchers, industry experts, and students, such initiatives encourage the exchange of ideas and promote solutions to contemporary challenges in areas such as climate change, energy, and emerging technologies.

It is encouraging to see young minds actively engaging with science and technology, as they will shape the future of innovation and development in the country. Uttarakhand, with its growing academic and research ecosystem, is well positioned to contribute meaningfully to this national effort.

I commend the organisers and partner institutions for their collective efforts in organising this festival and for their continued commitment to advancing science, technology, and research.

Gurmit

Lt Gen Gurmit Singh
PVSM, UYSM, AVSM, VSM (Retd.)

पुष्कर सिंह धामी

मुख्यमंत्री, उत्तराखण्ड

उत्तराखण्ड सचिवालय देहरादून- 248001
फोन: 0135-2650433 0135-2716262
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संदेश



मुझे यह जानकर अत्यन्त हर्ष हो रहा है कि विगत वर्ष 2025 में दिनांक 12 से 14 नवम्बर तक देहरादून में आयोजित छठें देहरादून अंतरराष्ट्रीय विज्ञान एवं प्रौद्योगिकी महोत्सव से सम्बन्धित स्मारिका का प्रकाशन किया जा रहा है। विज्ञान प्रौद्योगिकी और नवाचार आज भारत के विकास के सबसे महत्वपूर्ण आधार बन चुके हैं तथा उत्तराखण्ड के युवा वैज्ञानिक, शोधकर्ता, उद्यमी और स्टार्टअप अपने विचारों और क्षमताओं से प्रदेश की प्रगति में निरन्तर योगदान दे रहे हैं। इस प्रकार के आयोजन विज्ञान और तकनीकी से जुड़े सभी उत्साही लोगों के लिए एक विशेष मंच है, जहाँ नई सोच, नई तकनीकें और नए नवाचार एक साथ देखने को मिलते हैं। समाज के विभिन्न वर्गों की सक्रिय भागीदारी यह दर्शाती है कि विज्ञान आज हमारे जीवन का अभिन्न हिस्सा बन चुका है और जन-जन तक इसकी पहुँच निरन्तर बढ़ रही है। इस आयोजन में अनेक विषयों पर आधारित विविध कार्यक्रम आयोजित किए गए, जिनका उद्देश्य वैज्ञानिक संवाद को बढ़ावा देना, नवीन अनुसंधान और तकनीकी प्रगति को प्रदर्शित करना तथा युवाओं में नवाचार और उद्यमिता की भावना को सशक्त करना है। मुझे आशा है कि इस प्रकार के आयोजनों से विद्यार्थियों, शोधकर्ताओं, वैज्ञानिकों, तकनीकी विशेषज्ञों तथा विज्ञान और नवाचार में रुचि रखने वाले सभी नागरिकों के लिए यह अवसर अत्यन्त उपयोगी एवं प्रेरणादायक सिद्ध होगा।

मेरी ओर से इस महोत्सव के सफल आयोजन के लिए सभी आयोजकों, प्रतिभागियों, वैज्ञानिकों, विशेषज्ञों, विद्यार्थियों, स्वयंसेवकों तथा सहयोगी संस्थाओं को हार्दिक बधाई और शुभकामनाएं।

(पुष्कर सिंह धामी)

आनन्द बर्द्धन
Anand Bardhan

मुख्य सचिव
Chief Secretary

उत्तराखण्ड शासन
Government of Uttarakhand
नेताजी सुभाष बन्द बोस भवन
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January 2026

MESSAGE



The successful conduct of the three days 6th Dehradun International Science and Technology Festival (DISTF) from 12-14 November 2025 at UCOST, Vigyan Dham reflects the collaborative efforts to promote science, technology, and innovation. The festival provided a meaningful platform to inspire youth and enhance scientific awareness.

I congratulate the organizing team and collaborating organizations for their commendable efforts and wish DISTF continued success in advancing science and technology in Uttarakhand.

(Anand Bardhan)

R. Meenakshi Sundaram, IAS
Principal Secretary

Govt. of Uttarakhand

Department of Energy & Renewable Energy, Planning, Housing.
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Uttarakhand Secretariat, Dehradun

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MESSAGE



It is a matter of great pleasure to know that the Society for Research & Development in Science, Technology and Agriculture (SRADSTA) had organized the 6th Dehradun International Science and Technology Festival in joint collaboration with the Uttarakhand State Council for Science and Technology (UCOST) in Dehradun from 12th-14th November, 2025 with the overarching theme "Ideas to Innovate: Science & Technology for Pepole"

The scientific movement shows the path of knowledge and will be the great sign towards the VIKSIT BHARAT. Indiciplinary kind of such scientific events in knowledge domain always shows the path of the overall development and upliftment of the citizens, societies, of the country. Green Energy has focused on the Emerging Uttarakhand as a Hub of Green Energy Source.

I extend a heartfelt welcome to all organizers and collaborative partners for organizing a successful mega event. My sincere appreciation and best wishes to the organizers for the grand success of the DISTF.

(R. Meenakshi Sundaram)

Prof. Durgesh Pant
Director General

UTTARAKHAND STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Department of IT, Suraj & Science Technology
Government of Uttarakhand
Vigyan Dham, Jhajra, Chakrata Road,
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MESSAGE



It's truly inspiring to witness the success of the 6th Dehradun International Science and Technology Festival, held from November 12th to 14th, 2025. This event has provided an exceptional platform for thousands of students, researchers, and scientists to connect, share knowledge, and learn from one another.

The impressive participation, with approximately 7,000 registrations for 30+ events and involvement from 81 scientific organizations and educational institutions, clearly demonstrates the growing enthusiasm for science and technology among Uttarakhand's youth.

The festival's strong emphasis on hands-on training, workshops, and interactions with leading scientists is particularly commendable. Nurturing a scientific mindset and curiosity in our young people is essential for our future, and this festival is making a significant contribution to that vital goal.

My sincere congratulations to the organizing committee, participants, and all stakeholders who have worked so hard to make DISTF such a resounding success. We eagerly anticipate seeing the positive outcomes of this festival translate into innovative solutions and discoveries that will benefit our state and the wider world.

Warm regards,

(Prof. Durgesh Pant)
Director General

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL-2025

MESSAGE FROM ORGANISING SECRETARY



The successful conduction of three days 6th Dehradun International Science and Technology Festival (DISTF) from 12 – 14 November 2025 at Uttarakhand Council for Science & Technology (UCOST) premises showcased the collaborative efforts for advancing scientific temper, technology, and innovation. This festival created an opportunity for participants to be aware of scientific and technological developments for exploring solutions to problems around us. The perseverance behind DISTF is helping to create an eco-system for scientific and technological developments in Uttarakhand. The coming together of multiple organizations of state and central government and public sectors with the UCOST in holding DISTF demonstrates the collective commitment to nurturing science and technology amongst youth for the overall good of society. 6th DISTF marked another milestone in advancing India's scientific capabilities and attempt to inspire the next generation of innovators.

On behalf of the Organising Committee of DISTF, I heartily congratulate all the mentors, organizing team and collaborating organizations for their wholehearted support and hope that the DISTF will continue its mission of spreading science and technology in Uttarakhand state.

(Dr. Kunwar Raj Asthana)

6TH DISTF-2025 | 12-14 NOV, 2025

6TH DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL (6th DISTF-2025)

12th-14th November, 2025

UCOST, Vigyan Dham, Dehradun

ABOUT THE DISTF-2025

Presenting the 6th DISTF 2025 the Science and Technology mega festival with the extreme pleasure and enthusiasm. Dehradun International Science and Technology Festival DISTF is one of its kind a unique event that is continuously organized to provide a platform to everyone from the population of scientific and technological enthusiasts. The past five versions have witnessed the huge participation where the society has been benefitted with the plethora of events suited to cater the thirst and hunger for science and technology. Here we put the numbers of past year's participation and the number of events organized with whom and benefitting whom. As the betterment and growth is a natural phenomenon and so applies to the DISTF and hence this year 20,000+ visitors was participated the event from across the state physically and more than 1,00,000+ from across the Himalayan States virtually.

The plethora of events can benefit the science and technology community including the School going students, Science, Engineering, Medical students, Scientific Authors, Science & Technology Bloggers and Vloggers or News Broadcast/ Podcasts, Teachers, Technocrats, Communicators, Scientists, Researchers, Venture Capitalist, Artists, Writers, Journalists, Administrators, Policy Makers and many more Citizens amongst the others having temperament for Science and Technology all are welcome.

The fabric of the 6th DISTF-2025 was full three days during 12th-14th November, 2025 assimilating 30+ vibrant events encompassing the every wavelength in the world of the science and technology. There two main categories of the events, the 'centralized events' spanning the full day activities and the 'specialized events' for a specific interest group spanning through the particular duration.

PARTICIPATION

Students from Schools, Engineering/Medical/ Science Institutions/Universities, Science Communicators, Scientists, Technocrats, Teachers, Artists, Journalists, Young/ Budding Authors, Researchers, other Science Enthusiasts, Science Policy makers and Citizens–all was invited to participate 6th DISTF-2025.

Approximately 20,000 Students/Science lover has visited DISTF-2025 in three days. 20+ events has organised in three days event.

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

A BRIEF REPORT

The sixth Dehradun International Science and Technology Festival-2025, held from 12th-14th, November, 2025, organized more than 20 different programs including conclaves, workshops, seminars, summits, conferences, hands-on training, quizzes, competitions, exhibitions, etc. Around 5000 students from more than 150 educational institutions enrolled themselves to participate in various programmes. In addition, more than 15,000 students visited the Science and Technology exhibition. 80 scientific, technological and start-ups including UCoST, Indian Institute of Petroleum, Department of Biotechnology, Council for Scientific & Industrial Research, Uttarakhand Biotechnology Council, Zoological Survey of India, Botanical Survey of India, Nehru Institute of Mountaineering, SDRF, UJVNL, UREDA, Forest Research Institute, IIT Roorkee, UPES, Center for Aromatic Plants, Uttarakhand Organic Commodity Board, Uttarakhand Police Telecom, Software Technology Parks of India, Special Task force on Cyber Crime, Green Energy Pavilion, Science Models Pavilion and Himalayan Rural Technology Pavilion and startups participated in the exhibition.

More than 5000 students participated in Science Poster Competition, Science Quiz, Magic of Math and Quiz, Meet the Scientist, Young Scientist Conclave, Aeromodeling Workshop, Drone Workshop, Robotics Workshop, Green Energy Conclave, CONSTA, IPR Workshop, Rural Entrepreneurship & Startup Conclave, Model Rocketry Workshop, Electronic Circuit Board Design Workshop, Cyber Security Conclave, Students Innovation Exhibition, Medical-Technology Conclave etc. Apart from this, more than 15,000 students from schools, colleges, medical colleges, nursing colleges, universities of Dehradun, Haridwar, Roorkee and Tehri district visited the Science and Technology Exhibition and Students' Innovation Exhibition.

Three-days 6th Dehradun International Science & Technology Festival was organized in joint collaboration with UCOST, ONGC, Department of Biotechnology Government of India, University of Petroleum, UREDA, UJVNL, UPCL, JSW Power and supported by various state government/central government department & various universities/Institutions. This year, the DISTF was hosted by Uttarakhand State Council for Science & Technology.

DISTF is a flagship programme of UCOST, Department of Science & Technology, Government of Uttarakhand, which has been designed and implemented by Society for Research & Development in Science, Technology & Agriculture. For the successful conduct of this event, all the scientific institutions including Technical Education Department, School Education Department, Health, Medical and Education Department, Industrial Development Department and Uttarakhand Startup Council, ITDA Space Application Center, Rural Business Incubator, Biotechnology Council, THDC etc. contribute itself for its' success.

This year, the poster of DISTF was launched by the Hon'ble Chief Secretary of Uttarakhand Sh. Anand Bardhan, IAS while the 6th DISTF-2025 was inaugurated by Hon'ble Minister for Technical Education, Forest & Parliamentary Affairs Sh. Subodh Uniyal. Renowned Environmentalist Padam Bhusan Dr. Anil Prakash Joshi and the Director/Head of 10 scientific organisation of Government of India was also witness of the inaugural ceremony. More than 400 students served as volunteers. More than 150 teachers were present on the occasion. In addition, about 100 persons were assigned other responsibilities.

In the three-day program, more than 40 scientists from the state government and central government scientific departments delivered lectures and interacted with students. Secretaries and additional secretaries from Uttarakhand Government for the Energy, Medical Education, School Education, Information and Technology departments, Technical Education, Higher Education, State Policy Commission and many other departments along with directors/heads of departments and managing director-level officials of PSUs, also participated in various DISTF programs.

The DISTF was concluded by the former Head of Forest/ Principal Chief Conservator of Forest Mr. Jairaj, IFS (Retd.) . The "8th State Level Teachers of the Year-2025" was also awarded at the concluding level.

The three-days 6th Dehradun Science and Technology Festival-2025 was significant in many ways. The increasing participation of students and science lovers in DISTF is a testimony to the fact that scientific aptitude is increasing among the students and youth of the state. DISTF is contributing to the development of the state as a platform for awakening scientific temper among students and developing and conductor of scientific temper. DISTF is a mega celebration of science, technology and innovation which has emerged as the biggest platform not only in Uttarakhand but also in the neighbouring states. Every year this event is awaited in the entire state and various institutions and universities are ready to host this event.

OUTCOME OF DISTF-2025

The plethora of events can benefit the science and technology community including the School Students, Science, Engineering, Medical students, Scientific Authors, Science & Technology Bloggers and Vloggers or News Broadcaster/ podcasters, The Teachers, Technocrats, Communicators, Scientists, Researchers, Venture Capitalist, Artists, Writers, Journalists, Administrators, Policy Makers and many more Citizens amongst the others having temperament for Science and Technology all are welcome.

The fabric of the 6th DISTF-2025 was full three days during 12th-14th November, 2025 assimilating 20+ vibrant events encompassing the every wavelength in the world of the Science and technology. There two main categories of the events, the Centralized Events spanning the full day activities and the Specialized Events for a specific interest group spanning through the particular duration. 39 students were awarded in the science poster competition & 39 students were awarded in Science Quiz. 05 School team for their best innovative ideas for startups was awarded Rs. 10,000/- each team. 300 students were gifted free aeromodelling kit and given training to make the model planes, 100 students were gifted free electronic circuit unit and given training to make the 05 different projects. Total 30 students present their research papers. The complementary lunch/breakfast has been provided to more than 5000 students who have participated in workshops and conclave.

Total 50 Teachers were conferred in different category by "8th Teacher of the Year Award-2025"

ABOUT THE ORGANISING INSTITUTIONS

Uttarakhand State Council for Science & Technology | UCOST

Uttarakhand State Council for Science and Technology is an autonomous body of the Government of Uttarakhand, Department of Information & Science Technology. UCOST started its activities from last quarter of year 2005, However it was registered under the Registration of Societies Act, 1860 in November 2002. The Council plays a catalytic role for the promotion of S&T in the state and supplement /complement the developmental programmes of the state in different sectors. UCOST is nodal agency of Department of Science and Technology, Government of India.

Oil & Natural Gas Corporation | ONGC

The Oil and Natural Gas Corporation Limited (ONGC) is an Indian central public sector undertaking which is the largest government-owned oil and gas explorer and producer in the country. It accounts for around 70 percent of India's domestic production of crude oil and around 84 percent of natural gas. Headquartered in Delhi, ONGC is under the ownership of the Government of India and administration of Ministry of Petroleum and Natural Gas. It was founded on 14 August 1956 by the Government of India. In November 2010, the Government of India conferred the Maharatna status to ONGC. ONGC conducts its business as a responsible corporate and believes in holistically addressing all issues related to People, Planet and Profit for a sustainable business and better future for all living beings and is committed to achieve inclusive growth of the marginalized and deprived sections of the society through its CSR initiatives to be implemented within the geographical boundaries of India.

Department of Biotechnology | DBT

The Department of Biotechnology (DBT) is under the Ministry of Science and Technology, Government of India, responsible for administrating development and commercialisation in the field of modern biology and biotechnology in India. It was set up in 1986. Biotechnology is a frontline area of science with immense potential for the benefit of the human kind. The Department shall devote wholly to achieve excellence in the promotion of biotechnology in the country. The Department shall provide services in the areas of research, infrastructure, generation of human resource, popularization of biotechnology, promotion of industries, creation of centers of excellence, implementation of biosafety guidelines for genetically modified organisms and recombinant DNA products and biotechnology-based programs for societal benefits. Bioinformatics is a major mission to establish an information network for the scientific community, nationally and internationally.

Uttarakhand Jal Vidyut Nigam Limited | UJVNL

UJVN Ltd. is a wholly owned Corporation of the Government of Uttarakhand. Today, UJVN Ltd. operates hydropower plants ranging in capacity from 1.5 MW to 304 MW, totaling to 1420.60 MW. UJVN Ltd. is committed to develop new power stations in an early and efficient manner for economic well-being and growth of the State and its people. UJVN Limited has commissioned solar PV based power plants across its different offices/ Project areas totalling an installed capacity of 26.540 MW. UJVN Ltd. is currently exploring the feasibility of setting up additional solar PV based power plants in its offices/ Project areas across Uttarakhand.UJVN Ltd. is also exploring the promotion of Bagasse based co-generation in sugar mills. In this connection, UJVN Ltd. is in the process of setting up co-generation plants at Nadehi (installed capacity - 16 MW) and Bazpur (installed capacity - 22 MW). UJVNL is committed for operating its core business in a socially responsible way, by taking into consideration the wider interests of the community and the environment, with a vision of promoting sustainable development. The Company is committed towards its social responsibilities and had been contributing to the society on a constant basis much before the compulsory allocation of CSR came in the force.The Company has its own CSR policy that has been framed in lines with provision/rules,

as prescribed under The Companies Act, 2013. All the items that are permitted under the Companies Act, 2013 have been incorporated therein in the policy.

Uttarakhand Renewable Energy Development Agency | UREDA

Uttarakhand Government considers science, technology and innovation to be excellent vehicles for developing the national knowledge economy and towards that end has invested heavily in them. As part of this policy UREDA has been encouraged to take a leading role in the development of the renewable energy sector in line with the guidance of Ministry of New and Renewable Energy and the conductive platform for the promotion of energy conservation. Uttarakhand state came into existence as a new state on Nov. 9, 2000 by bifurcation of Uttar Pradesh. It is a leading state of the country in non - conventional energy resources applications. In Uttarakhand, operation and execution of various schemes based on non - conventional energy resources is handled by Uttarakhand Renewable Energy Development Agency (UREDA) through local Panchayat, volunteer organizations and district administration. Since 2008 UREDA is also spearheading the activities of Energy Conservation as a state designated agency of BEE. The implementation of renewable energy programmes in the state of Uttarakhand, conferences and workshop conducted towards awareness and technological modifications, Provision of promotional measures for the renewable energy development and other activities carried out, all have been successful in meeting their objective.

Uttarakhand Power Corporation Limited | UPCL

Uttarakhand Power Corporation Limited (UPCL), a Government of Uttarakhand Undertaking is a sole electricity distribution licensee of the state. Today, UPCL is supplying electricity to its 2.9 million consumers across the State . The turnover of the Company during Financial Year 2024-25 was Rs. 10,609 Cr. UPCL is committed to supply quality and reliable power to its consumers at affordable cost.The history of Uttarakhand Power Corporation Limited (UPCL) can be traced back to erstwhile U.P. State Electricity Board (UPSEB). The erstwhile U.P. State Electricity Board was trifurcated pursuant to enactment of U.P. Electricity Reforms Act, 1999. U.P. State Electricity Reforms Transfer Scheme, 2000 was promulgated for execution of the trifurcation of erstwhile UPSEB into U.P. Power Corporation Limited (UPPCL), U.P. Jal Vidyut Nigam Limited (UPJVNL) and U.P.Rajya Vidyut Utpadan Nigam Limited. The State of U.P. was bifurcated by enforcement of U.P. Reorganization Act, 2000 (In short Reorganization Act) as a result thereof the State of Uttarakhand came into existence. UPCL was incorporated under the Companies Act, 1956 on 12-02-2001. UPCL was initially entrusted with the work of transmission and distribution of electricity in the State of Uttarakhand. As per the mandate of Electricity Act, 2003, the transmission business was transferred to a newly formed State owned company named as “Power Transmission Corporation of Uttarakhand Limited” from 01-06-2004. Since then UPCL is a sole distribution licensee for distribution of electricity in the state.In the first ever Distribution Utility Ranking (DUR) released by the Ministry of Power, UPCL secured the first position among Special Category DISCOMs and Uttarakhand became the second-best state in the country.

JSW Energy Limited | JSW

JSW Energy Limited is a top renewable energy company in India and a leading power generation company in India. Committed to the efficient utilization of all available resources, JSW Energy stands out in the private sector as a prime example of sustainable growth. The company expertly manages operations to enhance social and economic benefits while minimizing environmental impacts through cutting-edge innovation. Over the years, JSW Energy has grown steadily and strongly, becoming a prominent energy company in India. Today, JSW Energy not only has a significant presence across various Indian states but also holds stakes in natural resource companies in South Africa, showcasing its expansion in power generation and distribution on a global scale. JSW Foundation is the social development arm of the JSW Group. It has a long track record and a rich legacy of empowering rural communities

to enrich their lives since the last three decades. JSW Foundation's focus areas are Education; Health and Nutrition; Skill Development; Livelihoods; Water, Environment and Sanitation; Waste Management; Sports Promotion; and Art, Culture and Heritage. Through a strong field presence, it operates across 17 states and 38 districts around JSW's plant & port locations. JSW Foundation also reaches out to communities beyond these locations to contribute towards India's social development in a meaningful way. JSW Foundation's holistic life-cycle based interventions have positively impacted more than 2 million individuals across India.

University of Petroleum & Energy Studies | UPES

Established through the UPES Act, 2003, of the State Legislature of Uttarakhand, UPES is a top-ranked, UGC-recognised, private university. As per the National Institutional Ranking Framework (NIRF) 2025, the Ministry of Education, Government of India, UPES has been ranked 45 among universities, with a rank of 18 in Law, 36 in Management, and a rank of 43 in Engineering. As per the Times Higher Education (THE) World University Rankings 2026, UPES now stands in the 501-600 band globally and 5th in India, improving from 7th in 2025. Notably, in Research Quality, UPES jumped 57 positions in just one year to be ranked 299 globally. In addition to this, the university has been ranked the No.1 private university in academic reputation in India by the QS World University Rankings 2025. It is among the top 2% of universities in the world. UPES has also been accredited by NAAC with a grade 'A' and has received 5 stars on Employability (placements) by the globally acclaimed QS Rating. The university has had 100% placements over the last five years. 50+ faculty members from UPES feature among the world's top 2% researchers as per the Stanford University list. The UPES family includes 19100+ students, 1,500+ faculty and staff members, and a thriving community of 38000+ alumni.

Society For Research and Development In Science, Technology & Agriculture | SRADSTA

Society For Research and Development In Science, Technology & Agriculture developed the idea of engaging youth and students by organising science and technology festivals to create a scientifically tempered society. Now the idea has become successful. Students, youth, entrepreneurs enjoy science and technology as a festival. They learn scientific principles and technology through practical training, interaction with scientists and technocrats.

SOCIETY FOR RESEARCH AND DEVELOPMENT IN SCIENCE TECHNOLOGY AND AGRICULTURE (SRADSTA) is registered under the Societies Registration Act in 2020, by a group of developmental professionals for undertaking creative and innovative developmental initiatives in the development science and technology sector. SRADSTA is a not for profit, non-political, non-governmental organization, and has been working for protection and enhancement for Science, Technology, Agriculture, Horticulture, Allied Agricultural Activities, Art, Literature, Media, Environment, culture and Heritage. The entire team at SRADSTA is constantly seeking ways to improve pre-existing services and processes, anticipate changes and respond to any such changes proactively. Immense value is laid on human dignity and teamwork is encouraged for better performance.

SRADSTA firmly believes that our country cannot be achieved the status of Vishwaguru till our society become a scientific tempered society. SRADSTA works to develop scientific temperament among the youth and school going students well over for last three years. We have to retrieve our ancient heritage of knowledge and take it forward through research and innovations. With this, SRADSTA which was initially conceptualized as an institution dedicated to the development of scientific consciousness broadened its scope of activity to Women Empowerment, Welfare, Information and Communication, Skill Development, Educational Leadership building, Agriculture & Technology, Green Energy, Education Excellence, faculty development, himalayan culture and heritage, conservation and promotion of heritage of traditional knowledge and other such areas. We believe in "walking the extra mile" in delivering quality to meet the Public expectations, both expressed and implied.

SOCIAL MEDIA ADVERTISEMENT/POSTRER











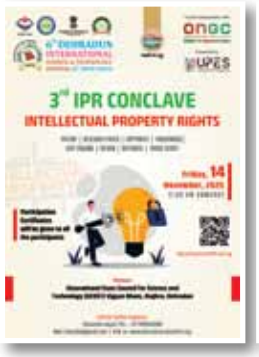












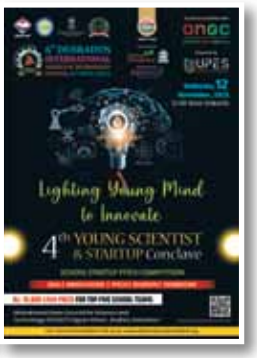
















AWARD CERTIFICATES
















ONGC
6th DEHRADUN INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
हिमालयी शैक्षिक उत्कृष्टता अवार्ड-2025
HIMALAYAN EDUCATION EXCELLENCE AWARD-2025
is conferred on
for
EXCELLENCE IN GREEN CAMPUS INITIATIVE
OF THE YEAR-2025
& Contribution in spreading Science and Technology vibrations in the state
on Friday, 14th November 2025
During
8th Himalayan Educator's Summit & Felicitation Ceremony
at
Uttarakhand State Council for Science & Technology
Vigyan Dham, Jhajra, Dehradun


ONGC
6th DEHRADUN INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
CERTIFICATE OF
APPRESHATION
is presented to
in view of his outstanding contribution
in the domains of
Science, Technology & Innovation
Awarding on 12th November, 2025
during Inaugural Ceremony of 6th DISTF- 2025
at
Uttarakhand Council for Science & Technology (UCOST)
Vigyan Dham, Jhajra, Dehradun


Certificate of Participation
STUDENTS' INNOVATION EXHIBITION


Certificate of Participation
6th DISTF-2025 EXHIBITION
12th to 14th November, 2025


Certificate of Participation
3rd BIO TECHNOLOGY Conclave


Certificate of Participation
GREEN ENERGY Conclave


Certificate of Appreciation
3rd RURAL ENTREPRENEURSHIP & STARTUP Conclave


Certificate of Participation
WORKSHOP ON ROBOTICS


Certificate of Participation
MAGIC OF MATHS Written Math Quiz


Certificate of Participation
SEMINAR ON CYBER SECURITY


Certificate of Participation
MODEL ROCKETRY WORKSHOP


Certificate of Appreciation
4th YOUNG SCIENTIST & STARTUP Conclave


Certificate of Participation
3rd INTELLECTUAL PROPERTY RIGHTS CONCLAVE


Certificate of Participation
UAV


Certificate of Participation
2 MEDI-TECHCON


Certificate of Participation
STEM WORKSHOP







AWARD MEMENTOS









BRANDING


WELCOME
ONGC
UPES


6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
WAY TO
DISTF EXHIBITION


विज्ञान धाम


ENROL NOW
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Dehradun's Biggest
Science & Technology
Festival
12-14
NOVEMBER
2025
UCOST
Shri Pushkar Singh Dhami


6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
ONGC
UPES
Virtual Chief Guest
Shri Pushkar Singh Dhami
Hon'ble Chief Minister
Uttarakhand
12 NOVEMBER, 2025


6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
ONGC
UPES
IDEAS TO INNOVATE
FOR PEOPLE


ONGC
UPES
WELCOME TO
Dehradun's Biggest
Science & Technology Festival
6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
12-14 NOVEMBER, 2025
UCOST


DIT
UNIVERSITY
WELCOMES YOU
6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
MAYA DEVI
UNIVERSITY
WELCOMES YOU
WELCOMES YOU


6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL (6th DISTF-2025)
WAY TO
REGIONAL SCIENCE CENTRE


6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL
WAY TO
PARKING


ONGC
UPES
UCOST


UPES
SBTC


WELCOME


MAYA DEVI
WELCOMES YOU
WAY TO
DISTF EXHIBITION

WEBSITE


Dehradun International
Science & Technology
Festival 2025
Conclaves | Exhibitions | Conferences | Awards & More...


12th-14th November, 2025
DISTF 2025
Conclaves | Exhibitions | Conferences | Awards & More...


6th DEHRADUN
INTERNATIONAL
SCIENCE &
TECHNOLOGY
FESTIVAL 2025
HOME
ABOUT
PROGRAMME
DISTF GLIMPSES
VENUE
CONTACT


DISTF 2024
Highlights
DISTF 2023
Highlights
DISTF 2022
Highlights
DISTF 2021
Highlights


DISTF 2025
Organised by
ONGC
UPES

PRESS CLIPPINGS/MEDIA COVERAGE



PRESS CLIPPINGS/MEDIA COVERAGE



PRESS CLIPPINGS/MEDIA COVERAGE



विज्ञान-प्रौद्योगिकी की रोशनी में चमका देहरादून

विज्ञान एवं प्रौद्योगिकी ही है विकास का आधार





कम्फर्ट टाइम्स

विज्ञान-प्रौद्योगिकी की रोशनी में चमका देहरादून



भारत की बढ़ती प्रतिष्ठा के पीछे विज्ञान व प्रौद्योगिकी की भूमिका अहम : सुबोध

माई सिटी रिपोर्टर

देहरादून। यूकॉस्ट झाझरा में छठा अंतरराष्ट्रीय विज्ञान एवं प्रौद्योगिकी महोत्सव का आगाज हो गया है। वन एवं तकनीकी शिक्षा मंत्री सुबोध उनियाल ने महोत्सव का शुभारंभ किया।

मंत्री सुबोध उनियाल ने कहा कि भारत की विश्व स्तर पर बढ़ती प्रतिष्ठा के पीछे विज्ञान एवं प्रौद्योगिकी की महत्वपूर्ण भूमिका है। ज्ञान ऐसी संपत्ति है जो बांटने से बढ़ती है। हर व्यक्ति किसी भी आयु में सीख सकता है। हेस्को के संस्थापक पद्मभूषण डॉ. अनिल प्रकाश जोशी ने कहा कि विज्ञान एवं प्रौद्योगिकी ही किसी राष्ट्र की आर्थिक प्रगति का आधार है।

अंतरराष्ट्रीय विज्ञान एवं प्रौद्योगिकी महोत्सव का आगाज

यूकॉस्ट के महानिदेशक डॉ. दुर्गेश पंत ने बताया कि संस्था जन-जन को विज्ञान एवं तकनीक से जोड़ने का कार्य कर रही है। पहले दिन साइंस पोस्टर प्रतियोगिता, यंग साइंटिस्ट एवं स्टार्टअप कॉन्क्लेव और रोबोटिक्स तथा एयर मॉडलिंग कार्यशाला आयोजित हुई। 2000 से अधिक छात्रों ने साइंस एंड टेक्नोलॉजी प्रदर्शनी का भ्रमण किया। यह आयोजन आगामी दो दिनों तक चलेगा।

कार्यक्रम में उत्तराखंड के विकास में योगदान देने वाली वैज्ञानिक संस्थाओं के प्रमुखों को सम्मानित किया गया। इसमें डॉ. हरिंदर सिंह बिष्ट, नौरंज कुमार शर्मा, डॉ. संदीप सिंघल, डॉ. नृपेंद्र चौहान, पंकज यादव, डॉ. संजय गुप्ता, डॉ. गौरव शर्मा, ज्ञान भद्र कुमार शामिल हैं।



अविकल उत्तराखंड



जियो थर्मल पॉलिसी बनाने वाला उत्तराखंड देश का पहला राज्यः डॉ. आर. बीनाक्षी सुंदरम



विज्ञान



दिव्य हिमगिरि

जियो थर्मल पॉलिसी बनाने वाला उत्तराखंड देश का पहला राज्यः डॉ आर बीनाक्षी सुंदरम

PRESS CLIPPINGS/MEDIA COVERAGE



PROGRAM CALENDER 6TH DISTF 2025

<table>
<tr><th colspan="5">Day 01 (12 November, 2025)</th></tr>
<tr><th>Time</th><th>Event 1</th><th>Parallel Event 2</th><th>Parallel Event 2</th><th>Centralized Event</th></tr>
<tr><td>10:00 AM-11:00 AM</td><td rowspan="4">Inaugural Ceremony

“Ideas to Innovate: Science & Technology for People ”

VENUE:
Auditorium, Regional Science Centre Main Building

10:00 AM Onwards</td><td rowspan="2">On Spot Registration for Science Poster Competition from 10:00 - 11:00 AM
Science Poster Competition at 11:30 AM to 1:00 PM

VENUE:
(Open Space at Exhibition Area)</td><td rowspan="2">Workshop on Robotics
12:00 Noon Onwards

VENUE:
Innovation Centre Ground Floor, Regional Science Centre</td><td rowspan="3">Exhibition Full Day Centralized Event</td></tr>
<tr><td>11:00 AM-12:00 NOON</td></tr>
<tr><td>12:00 NOON-1:00 PM</td></tr>
<tr><td>1:00 AM-2:00 PM</td><td>Work shop on Aero modelling
11:00 AM
to 2:00 PM

VENUE:
(Open Space)</td><td>Young Scientist Startup Conclave
12:00 Noon onwards

VENUE:
Vimarsh Conference Hall
1st Floor,
UCOST Admin Building</td></tr>
<tr><td colspan="5"></td></tr>
<tr><td>3.00 PM-4.00 PM</td><td rowspan="3"></td><td></td><td rowspan="3">CONSTA
03:00 PM Onwards

VENUE:
Conference Hall DG Secretariat,
1st Floor,
UCOST Admin Building</td><td rowspan="3"></td></tr>
<tr><td>4.00 PM-5.00 PM</td><td></td></tr>
<tr><td>5.00 PM-6.00 PM</td><td></td></tr>
</table>

PROGRAM CALENDER 6TH DISTF 2025

Day 02 (13 November, 2025)				
Time	Event 1	Parallel Event 2	Parallel Event 2	Centralized Event
10.00 AM-11.00 AM	**Rural Entrepreneurship & Start-up Conclave-2025 10:00 AM -12:30 PM** **VENUE:** Auditorium, Regional Science Centre Main Building	**Seminar on Cyber Security 11:00 AM Onwards** **VENUE:** Vimarsh Conference Hall 1st Floor, UCOST Admin Building	On Spot Registration for **Science QUIZ** from 10:00 AM -11:00 AM **Science QUIZ** Starts at 11:30 AM -12:15 PM **VENUE:** (Open Space at Exhibition Area)	**Exhibition Full Day Centralized Event**
11.00 AM-12.00 PM 12.00 PM-1.00 PM 1.00 PM-2.00 PM	**Model Rocketry Workshop 11:00 AM Onwards** **VENUE:** Open Space Exhibition Area UCOST Main Building	**Magic of Math & Math Quiz 12:00 Noon Onwards** **VENUE:** Meeting Hall, Regional Science Centre Building	**STEM Workshop *Electronic Circuit Board Design* 12:00 Noon Onwards** **VENUE:** Innovation Centre Ground Floor, Regional Science Centre	
2.00 PM- 4.00 PM 4.00 PM- 5.00 PM 5.00 PM- 6.00 PM	**Green Energy Conclave 02:30 PM Onwards** **VENUE:** Auditorium, Regional Science Centre Main Building	**CONSTA 03:00 PM Onwards** **VENUE:** Conference Hall DG Secretariat, 1st Floor, UCOST Admin Building	**BIO-TECHNOLOGY Conclave-2025** 2:30 PM Onwards **VENUE:** Bhakuni Hall, Ground Floor, UCOST Admin Building	

PROGRAM CALENDER 6TH DISTF 2025

<table>
<tr><td colspan="5">Day 03 (14 November, 2025)</td></tr>
<tr><td>Time</td><td>Event 1</td><td>Parallel Event 2</td><td>Parallel Event 2</td><td>Centralized Event</td></tr>
<tr><td>10.00 AM-11.00 AM</td><td rowspan="4">Inauguration of Medi-tech Conclave
10:00 AM -01:30 PM

VENUE:
Auditorium, Regional Science Centre Main Building</td><td></td><td>Meet the Scientist
10:00 AM-11:00 AM

VENUE:
Bhakuni Hall, Ground Floor, UCOST Admin Building</td><td rowspan="4">Exhibition Full Day Centralized Event</td></tr>
<tr><td>11.00 AM-12.00 PM</td><td rowspan="3">Workshop on UAV Technology
12:00 Noon Onwards

VENUE: Vimarsh Conference Hall , 1st Floor, UCOST Admin Building</td><td rowspan="3">IPR Workshop
11:00 AM Onwards

VENUE:
Meeting Hall Ground Floor, Regional Science Centre Building</td></tr>
<tr><td>12.00 PM-1.00 PM</td></tr>
<tr><td>1.00 PM-2.00 PM</td></tr>
<tr><td colspan="5"></td></tr>
<tr><td>3:00 PM- 4:00 PM</td><td colspan="3" rowspan="4">Valedictory Ceremony Followed By Himalayan Educator Summit and Educational Award

2:30 PM Onwards

Venue:
Auditorium,
RegionalScience Centre Main Building</td><td rowspan="4"></td></tr>
<tr><td>4:00 PM- 5:00 PM</td></tr>
<tr><td>5:00 PM- 6:00 PM</td></tr>
<tr><td></td></tr>
</table>

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

POSTER LAUNCHING CEREMONY

OF 6th DISTF 2025





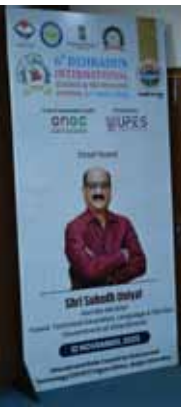


6th DISTF-2025 Poster was released by Chief Secretary of Uttarakhand Shri Anand Bardhan, IAS, Padmbhusan Shri Anil Prakash Joshi, Vice Chancellor of UPES Dr. Ram Sharma, Secretary to Government of Uttarakhand Shri Chandresh Yadav, IAS, Dr. R. Rajesh Kumar, IAS, Shri Deependra Chaudhary, IAS, Head of Corporate Administration ONGC Shri Neeraj Kumar Sharma & Organising Secretary of DISTF Dr. Kunwar Raj Asthana, jointly on 9th October, 2025 at Doon Library and Research Centre Dehradun in the presence of scientific fraternity.

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

INAUGURATION
OF 6th DISTF 2025
















6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

6th DISTF 2025
SCIENCE & TECHNOLOGY EXHIBITION














TO DEHRADUN


CYBER CRIME
POLICE STATION




SDRF
STATE DISASTER RESPONSE FORCE




UTTARAKHAND FILM
DEVELOPMENT COUNCIL


EXHIBITION


38
UTTARAKHAND ORGANIC
COMMODITY BOARD
ORGANIC FARMING


45
GANGA MAITI PARIWAR




34
SOCIETY OF POLLUTION AND ENVIRONMENTAL CONSERVATION SCIENTISTS, (SPECS)


31
SPEC


StartUp
STPI
STPI






37
CENTRE FOR AROMATIC PLANTS (CAPs)
CENTER FOR AROMATIC PLANTS




ZOOLOGICAL SURVEY OF INDIA,




UCOST TRC
KRISHIVAN DOON


UTTARAKHAND STATE AIDS CONTROL SOCIETY


ACIC MIET MEERUT FOUNDATION


UCOST TRC
GRAMOTTHAN SANSTHAN, RISHIKESH




NEHRU INSTITUTE OF
MOUNTAINEERING (NIM)




ICAR-Indian Institute of
Soil & Water Conservation




DIRECTORATE OF INFORMATION &
PUBLIC RELATION, UTTARAKHAND


UTTARAKHAND JAL VIDYUT
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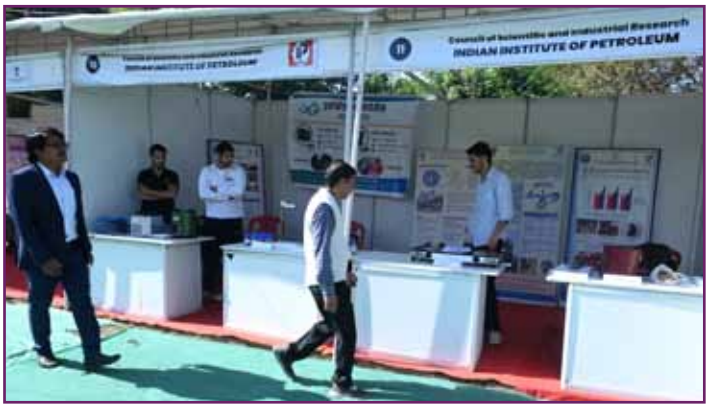

उत्तराखण्ड
अक्षय ऊर्जा विकास
अभिकरण
(उरेडा)
देहरादून


NDA CDSE AFCAT
SSB AGNIVEER
Foundation Course
Merchant Navy


17 GOVERNMENT POLYTEHNIC, RANIPOKHRI


14 GOVERNMENT POLYTEHNIC, AMWALA


05 ZOOLOGICAL SURVEY OF INDIA,
NORTHERN REGIONAL CENTRE, DEHRADUN


11 INDIAN INSTITUTE OF PETROLEUM






UTTARAKHAND FILM
DEVELOPMENT COUNCIL
UTTARAKHAND URJA VIDYUT
NIGAM LTD.
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6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

DIFFERENT PROGRAMS AT A GLANCE | DAY- 1

SCIENCE POSTER COMPETITION

The DISTF-2025 Science Poster Competition, a much-anticipated event, was successfully conducted on 12th November, 2025 at the Open Space Exhibition Area of UCOST (6th Dehradun International Science and Technology Festival). The event was part of the DISTF's efforts to foster enthusiasm for science among students and the general public. The Science Poster Competition aimed to encourage young students to showcase their innovative ideas and findings in a visual format. The competition provided participants with a platform to present their research, exchange ideas, and enhance their communication skills. This year's event focused on the theme "Health, Environment, Sustainable Food Habits, Conservation Efforts, and Climate Change".

Event Highlights

The competition featured three distinct groups of participants, categorized as:

1. Group A (Junior Category): School students from Grades 6–8.
2. Group B (Intermediate Category): High school students from Grades 9–12.
3. Group C (Senior Category): College and university students.

The poster competition attracted an overwhelming response, with over 480 participants registering for the event representing schools, colleges, and educational institutions from across the Dehradun and nearby regions.

The event timings were from 11:30 A.M. to 1:00 P.M.

Competition Format

Each category participated in the Science Poster Competition aims to promote awareness about the critical issues related to health, environment, sustainable food habits, conservation efforts, and climate change. Participants also expressed their creativity and knowledge by designing informative and visually compelling posters that highlight the importance of these issues and suggest possible solutions. It was judged by Dr. Hariom Shankar, Associate Professor in the Department of Drawing & Painting at DAV PG College and Dr. Rita Tiwari, Head, Department of Drawing & Painting at RBB Shubharti University, Dehradun. The whole event was conducted by Mrs. Samta Goel, Head, Department of Painting at The Pestleweed College, Dehradun.

Poster Evaluation Criteria

Posters were judged based on the following criteria:

a) Scientific Quality: Clarity, relevance, and originality of the research.
b) Visual Appeal: Design, layout, and overall aesthetics.
c) Clarity of Communication: Ability to convey complex ideas in a clear and engaging manner.
d) Impact: Potential real-world applications and contributions to sustainability and innovation.
e) Presentation: Ability to explain the poster content to judges and audience members.

Conclusion

The DISTF-2025 Science Poster Competition was a resounding success, showcasing the impressive work being done by the students. We extend our congratulations to all the participants for their hard work and dedication. The event underscored the importance of science communication and its role in driving global change. We look forward to the continued growth of this competition in future years and encourage more participants to engage with the science community through similar events.

Knowledge Partner

Shivalik College NAAC GRADE A+

LIST OF AWARD WINNERS OF SCIENCE POSTER MAKING COMPETITION

Group A (6th - 8th Class)

Position	Student Name
1st	Anuj Rawat
2nd	Samrat Bali
3rd	Vijay Pant
Consolation	Manuj Rawat
Consolation	Manasvi Punder
Consolation	Sonal Upadhaye
Consolation	Avika Sharma
Consolation	Samiksha
Consolation	Gevansh Sankas
Consolation	Akshita
Consolation	Swati
Consolation	Akarit Sani
Consolation	Abhinav Maurya

Group B (9th - 12th Class)

Position	Student Name
1st	Avantika
2nd	Ananya Sanata
3rd	Shagung Purohit
Consolation	Priyanshi Negi
Consolation	Aditya Sonke
Consolation	Yash Panwar
Consolation	Samridh Gera
Consolation	Vanshika Thapa
Consolation	Samridhi
Consolation	Reema
Consolation	Deepika Gusain
Consolation	Mohd Umar Malik
Consolation	Ashmita Rana

Group C (College Students)

Position	Student Name
1st	Avantika
2nd	Ananya Sanata
3rd	Shagung Purohit
Consolation	Priyanshi Negi
Consolation	Aditya Sonke
Consolation	Yash Panwar
Consolation	Samridh Gera
Consolation	Vanshika Thapa
Consolation	Samridhi
Consolation	Reema
Consolation	Deepika Gusain
Consolation	Mohd Umar Malik
Consolation	Ashmita Rana




6th DEHRADUN
INTERNATIONAL
SCIENCE & TECHNOLOGY
FESTIVAL
UPES
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6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

WORKSHOP ON ROBOTICS

The Robotics Workshop was conducted for students to introduce them to practical robotics and automation through hands-on demonstrations and interactive learning sessions on 12th November 2025 at Innovation Center, Regional Science Center, UCOST, Vigyan Dham, Dehradun during 6th Dehradun Science and Technology Festival-2025.

Mentor:

The workshop was conducted by ISRO Space Tutor Mr. Raghav Sharma, who guided students through concepts, working mechanisms, and real-life applications of robots. Scientist from UCOST Dr. O.P. Nautiyal organise the whole event with the help of his colleague Mr. Sidhant Uniyal, Mrs. Sonia Bhandari and Saurabh Chamoli.

Workshop Overview:

Introduction: Students were introduced to robotics, automation, and their growing role in industry and daily life.

Principles: Basic concepts of mechanics, electronics, sensors, and control systems were explained in simple terms.

Robot Types: Demonstrations included a robotic arm, mini humanoid robot, obstacle detection robot, 6-wheel robot, and remote control robot.

Assembling & Working: Students learned how different components like motors, sensors, controllers, and power systems work together.

Testing & Simulation: Live testing of robots helped students understand movement, balance, and obstacle avoidance.

Creativity & Engagement: Interactive sessions encouraged curiosity, logical thinking, and innovation.

Skill Development & Scientific Temperament: The workshop promoted problem-solving skills, teamwork, and a strong scientific mindset.

Outcome

Participants gained hands-on exposure to multiple robotic systems, improved their technical understanding and creativity, and showed high enthusiasm during demonstrations. Feedback indicated increased interest in robotics, AI, and STEM-based learning.






WORKSHOP ON
ROBOTICS




EXPLORING THE
WORLD OF
ROBOTS


EXPLORING THE
WORLD OF
ROBOTS

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

AEROMODELLNG WORKSHOP

The Aeromodelling Workshop took place on Wednesday, 12th November 2025, from 11:00 AM to 2:00 PM. The workshop was held at the Veer Madho Singh Bhandari Uttarakhand Technical University, Sudhowala Dehradun Campus, which provided an ideal setting for both theoretical and hands-on activities related to aeromodelling. The spacious campus allowed participants to engage in model aircraft construction and flight testing in an open, well-equipped environment.

The 6th Dehradun International Science and Technology Festival organized the event, in collaboration with experts and facilitators in the field of aeromodelling. The workshop was attended by a diverse group of participants, including students, hobbyists, and professionals with varying levels of experience. The expert for this workshop is Mr. Arvind Gupta from hi--fyh zone .Workshop coordinated by Mr. Manoj Kanyal, Mr. Ramdev Guniyal, Mr. Sohan Singh Negi from UCOST.

The Aeromodelling Workshop was designed to introduce participants to the fascinating world of aerodynamics and model aircraft construction. The workshop included the following key activities:

- **Introduction to Aerodynamics:** Participants were briefed on the basic principles of aerodynamics, including lift, thrust, drag, and gravity, and how these concepts apply to model aircraft.
- **Building and Assembling Aeromodells:** Attendees engaged in hands-on activities to build their own model aircraft using provided kits and materials. They learned about various materials such as balsa wood, foam, and lightweight plastics.
- **Flight Testing:** After constructing their models, participants had the opportunity to test their aircraft. Expert facilitators guided them through the process, helping to troubleshoot any issues that arose during the test flights.
- **Open Space for Creativity:** The workshop provided an open space for participants to explore and experiment with their own aeromodelling ideas, fostering innovation and collaboration.

The primary objectives of the Aeromodelling Workshop were:

- **Educational Engagement:** To provide hands-on learning experiences in the field of aerodynamics and aircraft design, allowing participants to apply theoretical knowledge practically.
- **Skill Development:** To enhance participants' skills in building, assembling, and flying model aircraft.
- **Promote Scientific Curiosity:** To inspire curiosity and interest in the fields of science, technology, and engineering, particularly aerodynamics and model aviation.
- **Encourage Collaboration and Networking:** To provide an opportunity for participants to connect with peers, experts, and professionals, fostering collaboration and future engagement in the field.

Outcome

The workshop was highly successful, with several key outcomes:

- **Enhanced Practical Knowledge:** Participants gained valuable insights into aerodynamics and hands-on experience in building and flying model aircraft. They were able to connect theoretical knowledge with practical applications.
- **Successful Flight Demonstrations:** The models constructed during the workshop were successfully flown, and adjustments were made based on flight performance data, showcasing participants' growing understanding of aeromodelling principles.
- **Innovation and Creativity:** The open space session encouraged participants to experiment with new ideas and share innovative approaches

to model aircraft design.

- **Positive Participant Feedback:** The workshop received enthusiastic feedback from participants, who expressed satisfaction with the hands-on approach, expert guidance, and collaborative environment.
- **Continued Engagement:** Several participants expressed interest in attending future workshops and continuing to explore the field of aeromodelling.

The Aeromodelling Workshop was a highlight of the 6th Dehradun International Science and Technology Festival, contributing to the festival's mission of promoting education, innovation, and scientific exploration.









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6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

4TH YOUNG SCIENTIST AND STARTUP CONCLAVE

The 3rd Young Scientist and Startup Conclave was organised on 12th November, 2025, in joint collaboration with UCOST and the Uttarakhand Startup Council at Vimarsh conference hall, UCOST. The knowledge partner of this event was Runway Incubators, University of Petroleum & Energy Studies, Dehradun. The theme of this conclave was "Lightning Young Mind to Innovate." 100 students from 20 schools participated in this conclave. 20 teams comprising 5 students in each team presented their startup ideas, and a total of 04 teams were selected. Every team has got an award certificate and Rs. 10,000/- as a prize money. Mr. Mohit Nagpal, Sr. Manager, Runway Incubator, was the Chief Coordinator of this conclave, & Mr. Manish Kumar, Add. Director, Software Technology Parks of India, participated as Chief Guest and Chief Judge. Uttarakhand Startup Council & Runway Incubators will mentor and give further assistance to develop awarded ideas into startups. Conclave was coordinated by Dr. Bhavtosh Sharma, Mr. Santosh Rawat, Mr. Rajdeep Jung, Mr. Dheeraj Sharma from UCOST.

LIST OF AWARD WINNERS OF 4TH YOUNG SCIENTIST AND STARTUP CONCLAVE

S. No.	Name of Team	Prize Money
1	Ann Mary School, Dehradun	10,000/-
2	St. Joseph Academy, Dehradun	10,000/-
3	Vantage Hall GirlsResidential School, Dehradun	10,000/-
4	St. Kabeer Academy, Dehradun	10,000/-




6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL (6th DISTF-2025)
in joint association with
ONGC
Powered by
UPES
Startup Uttarakhand
runway
Lighting Young Mind to Innovate
4th YOUNG SCIENTIST & STARTUP Conclave
Wednesday, 12 November, 2025
12:00 Noon Onwards
Uttarakhand State Council for Science and Technology (UCOST) Vigyan Dham, Jhajhra, Dehradun




Eco-Toie


Lighting Young Mind to Innovate

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

5TH CONSTA
Conference on Science, Technology & Allied
12-13 November 2025

CONSTA-2025 (Two-Day Event Summary)

The two-day CONSTA-2025 Conference was successfully organized in hybrid mode, featuring a balanced combination of offline and online research presentations. The event provided a vibrant platform for researchers to present innovative ideas and exchange interdisciplinary knowledge.

Day 1 – 12th November 2025

The first day of the conference witnessed 5 offline research presentations covering diverse and emerging domains such as Artificial Intelligence, Internet of Things (IoT), Edge Computing, Healthcare Analytics, and Multi-Modal Data Classification.

The sessions were highly interactive, encouraging meaningful discussions between presenters and participants, thereby fostering academic engagement and collaborative learning.

Day 2 – 13th November 2025

On the second day, 8 offline papers were presented, addressing advanced research areas including Neurolinguistic Interfaces, Hybrid Emotion Recognition Systems, Deep Learning for Disease Detection, Sustainable Agriculture using AI, and Machine Learning-based Smart Farming Systems.

The presentations demonstrated strong research depth and practical relevance, contributing significantly to the academic richness of the event.

Online Presentations:

In addition to the offline sessions, several papers were presented online, enabling participation from researchers across different geographical locations. The coordination of both offline and online sessions was seamless, ensuring smooth execution and active engagement throughout the conference.

Best Paper Award:

Among all the presentations across the two days, Ms. Swati Mishra was conferred with the Best Paper Award for her outstanding research titled "Agricultural Land Testing & Analysis Device", recognizing the quality, innovation, and societal relevance of her work.

Distinguished Guests and Session Chairs:

The success of CONSTA-2025 was greatly enriched by the presence and guidance of eminent academicians and experts:

- **Dr. Rajesh Singh**, Professor and Director – Research & Innovation, Uttaranchal University, delivered valuable insights and motivated participants with his expert guidance.
- **Dr. Sumit Chaudhary,** Director, Uttaranchal Institute of Technology, Uttaranchal University, served as the Internal Session Chair. His excellent coordination, academic expertise, and calm leadership ensured the smooth conduct of all sessions.
- **Dr. Ankur Dumka,** Professor, WIT, Dehradun, India, served as the External Session Chair, contributing significantly through precise evaluation and constructive feedback to the presenters.

On the second day, the conference was further honored by the presence of:

- **Prof. Tanupurlya Choudhury,** Professor, SoCS, UPES Dehradun
- **Dr. Madhu Krola,** HoD, CSE, Uttaranchal Institute of Technology

- **Dr. Gunjan Chhabra,** Associate Professor, SRHU, Dehradun

Their academic leadership, insightful remarks, and active participation enhanced the overall quality and impact of the sessions.

Conference Leadership and Organization:

The grand success of CONSTA-2025 would not have been possible without the exceptional leadership and dedicated efforts of Dr. Manmohan Rawat and Dr. Kapil Joshi. Their meticulous planning, strong coordination, and tireless commitment ensured the flawless execution of all aspects of the event, including technical sessions, guest management, and overall coordination.

Their vision, problem-solving approach, and team-oriented spirit played a pivotal role in making CONSTA-2025 a highly impactful, well-organized, and academically enriching conference.







6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

DIFFERENT PROGRAMS AT A GLANCE | DAY- 2

3RD RURAL ENTREPRENEURSHIP & STARTUP CONCLAVE

Name of Project:
Rural Entrepreneurship & Startup Conclave (Rural Livelihood Ecosystem through Innovation, Start-Up & Traditional Technologies)

With Theme
"Himalayan Rural Technologies: Strengthen Livelihood Ecosystem in Himalayan Rural Area" Under "6th Dehradun International Science & Technology Festival (DISTF-2025)"

Organised by Society For Research and Development In Science, Technology & Agriculture

in joint collaboration with Center for Public Policy and Good Governance, Department of Planning, Government of Uttarakhand

Knowledge Partner: DIT University, Dehradun

Dates: 12th-14th of November, 2025

Venue: USOCT, Vigyan Dham, Jhajra, Chakrata Road, Dehradun

Objectives:
Dehradun International Science & Technology Festival DISTF 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.

Project background Note:
Uttarakhand hilly state of India, located in the northwestern part of the country. It is bordered to the northwest by the Indian state of Himachal Pradesh, to the northeast by the Tibet, to the southeast by Nepal, and to the south and southwest by the Indian state of Uttar Pradesh. Its capital is the northwestern city of Dehradun. Total area of Uttarakhand is 19,739 square miles (51,125 square km) and according to 2011 Census total population of uttarakhand is 10,116,752. Although roughly three-fifths of the working population of Uttarakhand is engaged in agriculture, less than one-fifth of the total area of Uttarakhand is cultivable. Steep slopes require careful terracing and irrigation, with water drained from the upper levels used to irrigate the lower ones. This method of terrace cultivation allows fields to be sown more than once per year. Wheat is the most widely cultivated crop, followed by rice and various types of millets, which are planted on the drier leeward slopes. Sugarcane is grown extensively in the gently rolling foothills of the southern region. Other important crops include pulses (legumes) such as peas and chickpeas, oilseeds such as soybeans, peanuts, and mustard seeds, and assorted fruits and vegetables.

Many farmers of Uttarakhand practice animal husbandry. The largest concentration of cattle to support dairy farming is found in the southern foothills. Goats and sheep are more common in the mountainous areas, although some cattle are kept in every village. The search for flourishing grassland has resulted in a tradition of transhumance, whereby livestock are led to graze in the mountain pastures during the warmer months but are transferred to the lower elevations for the winter. Some communities in the Siwalik Range historically have specialized in

such seasonal herding.

Forests in Uttarakhand provide timber for construction, fuel wood, and various manufacturing activities, including handicrafts. Reforestation programs sponsored by the state government have moderately increased production, which, in turn, has facilitated development of additional forest-based industries.

Uttarakhand lacks mineral and energy resources sufficient for rapid industrialization. Perennial rivers fed by the perpetual snowfields of the Great Himalaya and the Zaskar ranges carry tremendous potential for the generation of hydroelectric power.

Manufacturing activities have continued to expand in Uttarakhand; within just a few years of attaining statehood, the contribution of the sector to the state's gross product, at about 25 percent, had exceeded that of agriculture. The government assists agriculture-based and food-processing industries such as sugar milling, as well as the manufacture of wood and paper products, woolen garments, and leather goods. Among Uttarakhand's other notable manufactures are cement, pharmaceuticals, automobiles and other transportation equipment, and electrical products.

The government of Uttarakhand has invested heavily in the services sector, particularly in the development of the information-technology and tourism industries. In the first decade of the 21st century, the sector already accounted for more than half of the state's gross product. The tourism industry has shown significant growth, as the state's snow-capped peaks, glaciers, lush green river valleys, waterfalls, lakes, flora and fauna, wildlife sanctuaries, and pilgrimage sites attract a large number of domestic and international visitors.

Through the protection of Himalayan traditional knowledge & heritage of rural technologies and use them to create a ecosystem of livelihood in neighbourhood, We have plan 3rd Rural Entrepreneurship & Startup Conclave (Rural Livelihood Ecosystem through Innovation, Start-Up & Traditional Technologies) With Theme "Himalayan Rural Technologies: Strengthen Livelihood Ecosystem in Himalayan Rural Area". Where we shall organize dialogue session on relevant topics and provide an exhibition area for showcase of heritage of Himalayan science, technology and knowledge.

Participation:

S&T capable NGOs and Knowledge Institutions for collaborative S&T research and interventions involving other Community based organizations viz. Self-Help Groups (SHGs), Farmer Producer Organizations (FPOs), Social entrepreneurs, Incubators, Start-ups, Policy making Institutions, Educational Institutions, Students and community are welcomed.

Exhibition:

A separate exhibition along with science and technology exhibition has installed. This exhibition fully dedicated to start-ups based on Himalayan Rural Technologies. More than 20 start-ups exhibit their innovative products, technologies and activities. The Hon'ble Cabinet Minister for Technical Education, Forest & Parliamentary Affairs was inaugurate the exhibition. More than 20,000 students visited the exhibition in 02 days DISTF. The conclave provided a platform to promote entrepreneurial initiatives and startup ventures focusing on rural development. It inspired discussions on harnessing local resources, technology integration, and sustainable practices to drive economic growth in rural areas.

Dignitaries Present: • **Chief Guest: Director, Department of Planning, Govt of Uttarakhand** Dr. Manoj Pant

Guest of Honour: • Joint Director, Industries, Govt. of Uttarakhand, Dr. Deepak Murari

• **Panel Discussion:** The panel discussion focused on the topic "Building Resilient Rural Enterprises: Challenges and Solutions" and featured the following panellists:

1. **Dr Juhi Garg:** Dr. Juhi has diverse experience of 20 years in industry and academia and has been a seasoned higher education academician, researcher, and leader in academic administration, entrepreneurship development, women empowerment, CSR, and business development.

3. **Ms. Sikha Agrawal:** Founder, DIVYAMOL: Discussed innovative communication strategies and platforms to connect rural businesses with urban markets and foster collaboration across geographies.

4. **Mr. Mohit Nagpal,** Senior Manager Incubation, UPES: Addressed the importance of

incubation centers in nurturing rural startups, providing mentorship, funding, and access to resources to overcome challenges.

TEAM

Moderator: Dr. Amit Agrawal
Coordinator(s): 1. Dr Piyush Joshi
Co-Coordinators: 1. Mr. Devendra Singh
2. Badri Pasad

Main recommendation of this conclave was

1. Regulatory reforms, tax incentives, and enhancing the startup ecosystem in terms of compliance should be consider to provide a more flexible and conducive environment for startups.
2. Rural Livelihood Ecosystem through Innovation, Start-Up & Traditional Technologies and Himalayan Rural Technologies for Strengthen Livelihood Ecosystem in Himalayan Rural Area should be encouraged.
3. The RPL, Recognitions of Prior Learning & Recognitions of Himalayan Indigenous Knowledge System should be implemented for Strengthen Livelihood Ecosystem in Himalayan Rural Areas.
4. Incubators should be contact with the scientific agencies to give scientific inputs to startups in terms of up gradation and maintain the standard values fixed by government of india.
5. Incubators should also be organise the Intellectual Property Rights workshop so that startups could be aware about trademark, copyright, patient, geo-tagging and other.

OUTCOME

The conclave aimed to inspire participants to develop sustainable and innovative entrepreneurial practices in rural areas. It encouraged collaboration among stakeholders, including policymakers, industry leaders, and academicians, to address key challenges and unlock the untapped potential of rural resources. The Rural Entrepreneurship & Startup Conclave emphasized the importance of innovation and collaboration in solving rural challenges. The event underlined the role of startups in empowering rural communities, fostering economic independence, and enhancing the quality of life. Key takeaways included the integration of local knowledge with modern technology, government support through policy frameworks, and the need for sustainable solutions.

The event successfully showcased innovative ideas, policy frameworks, and technological solutions, creating a roadmap for sustainable rural development. It fostered collaboration between participants, offering them opportunities to transform their ideas into impactful ventures.




DIVYAMOL
SCIENCE & TECHNOLOGY COUNCIL
UTTARAKHAND












Organic Nettle Tea




6th DEHRADUN INTERNATIONAL
SCIENCE & TECHNOLOGY FESTIVAL (6th DISTF-2025)
ONGC
UPES runway
DIT UNIVERSITY
3rd RURAL ENTREPRENEURSHIP & STARTUP Conclave
Rural Livelihood Ecosystem through Innovation, Start-Up & Traditional Technologies
STARTUPS | INNOVATIONS | EXHIBITIONS
Thursday, 13 November, 2025
(10:00 AM Onwards)
Uttarakhand State Council for Science and Technology (UCOST) Vigyan Dham, Jhajra, Dehradun

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

Knowledge Partner

CYBER SECURITY CONCLAVE

An engaging seminar on "Cyber Security" was organized successfully as part of the 5th Dehradun International Science & Technology Festival (6th DISTF) in joint collaboration with Mayadevi University, Dehradun, on 13th November 2025. More than 100 students registered for the event that took place in the Auditorium of the University's Main Building and witnessed an enthusiastic gathering of students and faculty members from institutions across the Dehradun district.

The seminar was graced by the esteemed presence of SSP, Special Task Force (STF) Government of Uttarakhand, Mr. Navneet Bhullar, IPS, as the Chief Guest. Vice President of Mayadevi University Dr. Tripti Juyal Semwal, Pro Vice-Chancellor of Mayadevi University, Dr. Sandeep Vijay, served as the Guest of Honor. The event featured one distinguished guest/ experts Shri Ravi Shankar Singh, (Head, SeMT Uttarakhand, National E-Governance Devision, NeGD, MeitY, Govt. of India) and one another Col. Manish, Cyber Expert, Mayadevi University who shared their deep insights and expertise in the field of cyber security.

The event served as a comprehensive platform to enhance students' understanding of cyber threats, digital safety, and emerging technological challenges. Throughout the event, participants engaged in intensive knowledge-sharing sessions led by experts from the Meity. Mr. Ravi Shankar conducted in-depth discussions on cyber awareness, digital hygiene, and strategies to combat online security challenges.

The seminar's need arose from the increasing complexity of digital threats and the critical importance of equipping students with robust cyber security knowledge. By bringing together academic institutions and cyber security professionals, the event aimed to bridge the gap between theoretical understanding and practical application of digital safety strategies.

Key highlights of the seminar included:

- Expert-led sessions on emerging cyber threats
- Interactive discussions on digital security strategies
- Insights into the importance of cyber awareness and online safety
- Networking opportunities between students and cyber security professionals

The esteemed guest Mr. Navneet Bhullar, IPS, SSP, STF, Government of Uttarakhand, shared her real life experiences of combating cyber security threats and emphasized the significance of early response when facing a cyber-attack.

Outcomes of the event:

The event yielded significant outcomes, including enhanced awareness among students about digital security challenges and strategies. Participants gained valuable insights into protecting themselves and organizations from potential cyber threats, thereby contributing to a more secure digital ecosystem. The seminar not only expanded participants' knowledge but also set a strong foundation for understanding the critical role of cyber security in an increasingly digital world, inspiring students to become more proactive in digital safety and security.


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6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

SPACE SCIENCE QUIZ

The Space Science Quiz, a much-anticipated event, was successfully conducted on 13th of November, 2025 at the Open Exhibition Area of DISTF (6th Dehradun International Science and Technology Festival). The event was part of the DISTF's efforts to foster enthusiasm for space science among students and the general public.

Event Highlights: The quiz featured three distinct groups of participants, categorized as:

1. Group A (Junior Category): School students from Grades 6–8.
2. Group B (Intermediate Category): High school students from Grades 9–12.
3. Group C (Senior Category): College and university students.

The quiz attracted an overwhelming response, with over 450 participants registering for the event representing schools, colleges, and educational institutions from across the Dehradun and Nearby regions. The event timings were from 11:30 A.M. to 12:15 P.M.

Competition Format: Each category participated to test their knowledge of space exploration, astronomy, and physics. The Question paper was designed by experts from Indian Space Research Organisation (ISRO).

Closing Remarks: The event was graced by eminent guests from the field of space science, who encouraged participants to explore careers in STEM and contribute to the field of astronomy and space exploration. The Space Science Quiz not only celebrated intellectual curiosity but also provided a platform for students to showcase their potential.

The overwhelming participation and enthusiasm have set the stage for making this quiz an annual feature at DISTF.







LIST OF AWARD WINNERS OF SCIENCE QUIZ COMPETITION

Group A (6th - 8th Class)

Position	Student Name
1st	Sneha Pundir
2nd	Virat Dixit
3rd	Anant Ramani
Consolation	Surbhi Mittal
Consolation	Manasvi Pundir
Consolation	Nidhi Adhikari
Consolation	Hitesh
Consolation	Adarsh Jain
Consolation	Aadhira Bhandari
Consolation	Vania Attri
Consolation	Prinan Bhattacharya
Consolation	Piyush Bhatt
Consolation	Avika

Group B (9th - 12th Class)

Position	Student Name
1st	Sohil Pundir
2nd	Ananya Bhatt
3rd	Divyansh Mamgain
Consolation	Vidhan Rawat
Consolation	Asmita Rana
Consolation	Alok Rawat
Consolation	Akshit Rauthan
Consolation	Niyati Uniyal
Consolation	Anjali Nautiyal
Consolation	Alok Mishra
Consolation	Sarthak Dhasmana
Consolation	Astha Dhiman
Consolation	Tripti Maurya

Group C (College Students)

Position	Student Name
1st	Sakshi
2nd	Shameem
3rd	Rupesh Yadav
Consolation	Aman Kumar
Consolation	Arpit Singh
Consolation	Aarshu Kumar
Consolation	Keshav Mishra
Consolation	Divya Thapliyal
Consolation	Anjali Negi
Consolation	Kanika
Consolation	Simran Tomar
Consolation	Mohammad Uvesh Aizaz
Consolation	Aditya Pal

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6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

WORKSHOP ON MODEL ROCKETRY

The Model Rocketry workshop was successfully conducted on 13th of November, 2025 from 11:00 A.M. to 01:00 P.M. at the open space in exhibition area of science and technology expo of 6th DISTF, UCOST premises. The event was part of the DISTF's efforts to foster enthusiasm for space technology among students and the general public.

Workshop purpose is to encourage children to learn and innovate through practical sessions. It will give them insights into rocketry and space technology and ignite passion for space exploration. We believe that empowering these young innovators today would lead them to contribute to make India a global leader in the space arena. This workshop aims to install a culture of innovation and critical thinking and inspire our youth to pursue a career in aerospace engineering, thereby contributing to our nation's growth in this domain. On completion of this workshop students will able to know

- What is rocket?
- How rocket works in space?
- Different types and parts of rockets.
- How rockets can launch into space?
- The Do It Yourself (DIY) model rocket, it's part and launching, ignition system.

Event Highlights

The workshop featured 6th to 12th class participants. The workshop attracted an overwhelming response, with over 120 participants registering and attended for the event representing schools and educational institutions from across the Dehradun and Nearby regions. The Expert for this event is Mr. Raghav sharma, Director, Smart circuit Innovation PVT. LTD., Yamuna Nagar. Event coordinated by Dr. Dr. Rajendra Rana, Dr. Manju Sundriyal, and Dr. Dr. Sidhant Uniyal from UCOST. Event is started with welcome and Introduction of expert and coordinator then Brief introduction to the workshop and objectives can be mentioned. Then expert told about overview of space exploration and the importance of rockets in modern science. The Event progressed in following 4 sessions.

Session 1: Basics of Space and Rocket Science

Introduction to space exploration: milestones and famous missions, Explained Fundamental concepts of rocketry: thrust, propulsion, and aerodynamics.

Session 2: Understanding Rocket Anatomy

Explanation of rocket parts: nose cone, body tube, fins, engine, and recovery system, Discussion on how each part contributes to the rocket's functionality.

Session 3: Building and Preparing a Model Rocket

Hands-on activity to design and assemble a model rocket, Explanation of safety protocols and pre-launch preparations, Checklist for ensuring the rocket is launch-ready.

Session 4: Rocket Launch Demonstration

Launch of the model rocket with active student participation, Discussion on observations and real-life applications of rocket launches.

Post-Workshop Activity:

Q&A session to address student queries & distribution of participation certificates

Outcome

The Model Rocketry Workshop successfully engaged participants in hands-on learning, providing an enriching experience for both beginners and seasoned rocketry enthusiasts. Over the course of the event, attendees built and launched model rockets, learning essential principles of aerodynamics, propulsion, and safety protocols. Expert Mr. Raghav Sharma instructors guided the participants through the process, emphasizing the importance of precise assembly and testing. The workshop also fostered teamwork, as participants collaborated to troubleshoot challenges and refine their rockets for optimal flight. The event culminated in an exciting series of rocket launches, with

some reaching impressive altitudes, providing a thrilling sense of accomplishment for everyone involved. The workshop concluded with a reflection on the key takeaways and an emphasis on pursuing further exploration in rocketry, with many participants expressing interest in advancing their knowledge through additional training or involvement in rocketry clubs. Overall, the workshop inspired curiosity and innovation, leaving a lasting impact on all attendees.













6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

MAGIC OF MATHS

The event "Magic of Maths" was successfully organized during the Dehradun International Science and Technology Festival (DISTF-2025) from 123th-14th November 2025 at UCOST, Vigyan Dham, Dehradun.

The event attracted 100 enthusiastic students from various schools in Dehradun, demonstrating their keen interest in mathematics. A quiz competition tailored for students of classes 6 to 8 was one of the highlights, with the winners receiving books and certificates as a token of recognition, fostering their passion for learning and academic excellence.

The Resource Person, Mr. Chandan Singh, a renowned mathematics educator from The Doon School, Dehradun, graced the event and delivered an engaging session. Mr. Naresh Chandra, Mr. Santosh Rawat, Mr. Nalin Sharma the Coordinator from the UCOST, Vigyan Dham, Dehradun, played pivotal roles in coordinating the event. The Chief Guest Prof. Dr. Vijay Pandey former HoD, Department of Mathematics, Kumoun University has distributed the awards to successful students in math quiz.

The program commenced with a warm welcome to the Resource Person by Mr. Naresh Chandra & Mr. Santosh Rawatr from UCOST and skilfully hosted the event. The "Magic of Maths" successfully ignited curiosity and interest in mathematics among young minds, marking a memorable chapter in the DISTF-2025 festival.

The valedictory session of the "Magic of Maths" event was graced by the esteemed presence of Mr. Kunwar Asthana, President of SRADSTA, Uttarakhand. Their encouraging words highlighted the importance of fostering mathematical curiosity among young learners and appreciated the collaborative efforts of the organizers. Their presence added great value to the event, leaving the participants inspired and motivated to explore the fascinating world of mathematics further. The session concluded with a formal Vote of Thanks delivered by Mr. Nalin Sharma, appreciating the efforts of all participants, organizers, and contributors.




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6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

WORKSHOP ON STEM

The STEM Workshop was conducted to provide students with hands-on exposure to electronics and circuit-based learning through practical activities and demonstrations on on 12th November 2025 at Innovation Center, Regional Science Center, UCOST, Vigyan Dham, Jhajra, Chakrata Road, Dehradun. The event was a key segment of the 6th Dehradun International Science & Technology Festival (DISTF-2025) and was led by renowned STEM expert Mr. Sourabh Kaushal and Ravi Sharma, who guided students throughout the learning and building process.

Mr. Sourabh Kaushal, a distinguished Electronics and Communication Engineer and Space Explorer, was the chief speaker for the event. With accolades such as the "Dr. Kalpana Chawla Young Scientist Award" and recognition from institutions like NASA and ISRO, Mr. Kaushal brought a wealth of knowledge and experience to the workshop. His inspirational journey, spanning over a decade of research in space science and technology, set the tone for the day. Dr. Vinod Ojha from UCOST supervised the lab arrangements, ensuring the smooth execution of the event with his colleagues Mr. Vikas Nautiyal, Mr. Pankaj Rawat, Mr. Dheeraj Sharma.

The workshop primarily targeted students from Grades 8 to 12, providing them with hands-on learning experiences. Participants engaged in a variety of activities designed to foster problem-solving skills, creativity, and a passion for STEM fields. The workshop emphasized the importance of STEM in addressing real-world challenges, preparing students for future careers in these fields.

Workshop Overview

Introduction: Students were introduced to STEM concepts with a focus on electronics and real-world applications.

Principles: Basic principles of electricity, circuits, sensors, and components were explained in a simple and engaging way.

Assembling: Students assembled different STEM-based circuits using electronic components such as LEDs, resistors, sensors, and connectors.

Projects: Hands-on projects included light sensor circuits, touch sensor circuits, and various LED-based models.

Testing & Experimentation: Students tested their circuits, observed outputs, and learned troubleshooting techniques.

Creativity & Engagement: The workshop encouraged innovation, logical thinking, and active participation.

Skill Development & Scientific Temperament: It promoted problem-solving skills, practical learning, and a strong scientific approach.

Distribution of DIY kits to each participant, enabling them to design and execute simple electronic projects.

The increasing demand for STEM professionals in addressing global challenges underscored the necessity of this workshop. It aimed to inspire the next generation of innovators and equip them with the skills required to excel in science and technology domains. The event was meticulously planned with the support of ISRO-certified STEM tutors. A structured two-hour session was enriched with hands-on activities, a takeaway kit for participants, and networking opportunities. Certificates of participation were awarded to all attendees, making the event both educational and rewarding.

Outcome

The workshop successfully ignited curiosity and enthusiasm among young minds. Participants gained practical knowledge, developed critical thinking skills, and became more aware of the endless possibilities within STEM fields. It also laid a strong foundation for students to pursue innovative and impactful careers, ensuring they contribute meaningfully to the advancement of science and technology.


Dehradun, Uttarakhand, India
Vigyan Dham, Premnagar, Jhajra, Dehradun,
Uttarakhand 248015, India
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6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

Our Collaborators

UTTARAKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY

Quantum UNIVERSITY ROORKEE, UTTARAKHAND

UJVN Limited (A Govt. of Uttarakhand Enterprise)

adani Power Adani Power Limited

JSW Energy

GREEN ENERGY CONCLAVE

"Green Energy and Sustainable Development: Issues, Challenges and Prospects specially focusing on the Emerging Uttarakhand as a Hub of Green Energy Source"

On Thrusday 13th, November, 2025 the second day of the 6th DISTF-2025 5th Green Energy Conclave was conducted in joint collaboration with Uttarakhand Renewable Energy Development Agency (UREDA) and with knowledge partnership of Quntum University, Roorkee.

Chief Guest: Dr. R. Meenakshi Sundaram, IAS, Principal Secretary, Government of Uttarakhand

Keynote Speaker: Er. Sanjay Mukherjee, Chief General Manager of ONGC,

Distinguished Guest: Dr. Vivek Kumar, Vice Chancellor, Quantum University, Roorkee

OUTCOME:

Uttarakhand Renewable Energy Development Agency (UREDA) successfully sponsored and participated in the Green Energy Conclave held during the 6th Dehradun International Science & Technology Festival, bringing together leading policymakers, scientists, and industry experts to discuss the future of sustainable and renewable energy in Uttarakhand. Speaking as the chief guest at the Green Energy Conclave held on the second day of the 6th Dehradun International Science and Technology Festival, Dr. R. Meenakshi Sundaram, IAS, the Principal Secretary for Energy, Planning and Housing said that Uttarakhand is the first state in the country to formulate a Geothermal Energy Policy. He informed that based on this policy, the Government of India has also started working on a national geothermal policy. Dr. Sundaram stated that to fulfill the dream of becoming a developed nation by 2047, the most primary requirement will be energy, and we will have to increase energy production exponentially. Keeping this in mind, work is underway across the country on non-conventional sources of green energy that have no carbon footprint. He explained that solar energy is a very large source of green energy, but we cannot utilize solar energy at night. As soon as we convert solar energy into battery-based energy, its cost increases significantly. Research is currently underway on how to store solar energy and utilize it at night without increasing its cost. Er. Sanjay Mukherjee, Chief General Manager of ONGC, informed that ONGC has identified 62 locations in Uttarakhand where geothermal energy sources exist, and work is underway to harness geothermal energy from these sources. UREDA (Uttarakhand Renewable Energy Development Agency) gave a presentation detailing the work done in developing solar energy across the state.


GREEN
ENERGY
CONCLAVE
















6th DEHRADUN
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Thursday, 13 November, 2025

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

3RD BIOTECH CONCLAVE

Introduction:

3rd BIO TECHNOLOGY CONCLAVE - 2025 (BIOCON-2025) organized at Dr. Vinod Bhakuni Hall, UCOST Premisis, Vigyan Dham, Dehradun from 12th-14th November, 2025, in joint collaboration with Department of Biotechnology, Government of India, Uttarakhand Biotechnology Council and Bhartiy Chikitsa Parishad, Government of Uttarakhand under the aegis of 6th Dehradun International Science and Technology Festival. The main objective of this conclave was to attract investors and invite them to invest in the Biotechnology sector. Various biotech entrepreneurs, academicians, industry professionals and biotechnology policy makers can be brought together on one platform. This conclave is being organized to provide a platform to entrepreneurial ideas in key biotechnology sectors like bio-pharma, bio-agriculture, bio-industrial, bio-services, bio-engineering etc. Apart from representatives of biotechnology, agriculture department, industry department and other departments, representatives of biotechnology and pharma industry, students & researchers from various universities were invited to be a part of this conclave.

3rd Biotechnology Conclave was beneficial for the educational institutions, students, researchers, industries and startups. This conclave helped to fill the gap between Industry-Academia. Biotechnology exhibition provided a platform to the startups to exhibit its ideas and success story. This platform provided a connectivity platform. This conclave was relevant to the thrust areas of Biotechnology and its development. 3rd Biotechnology Conclave helped to promote research in biotechnology and establishment of incubation centers.

Target Group:

School students, engineering students, science & medical students, nursing and pharma students, science communicators, scientists, technocrats, teachers, artists, journalists, young and budding authors, researchers, other faculty members, industries, government departments, startups, science enthusiasts, science policy makers and citizens–all are welcome.

The 3rd Biotech Conclave was held on Nov 13th, 2025, at the Dr. Vinod Bhakuni Seminar Hall, attracting a total of 190 students from various institutions. The event aimed to provide a platform for students and professionals to engage in insightful discussions and gain knowledge about the latest developments in the biotechnology sector.

Inaugural Session

The conclave was graced by distinguished speakers, starting with the Chief Guest, Dr. Dr. J.N. Nautiyal Chairman (State Minister Level), Bhartiya Chikitsa Parishad, Government of Uttarakhand. Dr. Kandwal addressed the gathering on the critical topic of “Wellness through Ayurvedic Pharmaceutical Biotechnologys ”.

Keynote Speeches

The first Keynote Speaker, Dr. Piyush Goel, a Senior Scientist from the Department of Biotechnology, Government of India, New Delhi, delivered an insightful talk on the emerging trends and innovations in biotechnology.

The second Keynote Speaker, Dr. Rajeecv Kurele, Associate Professor at Uttarakhand Ayurvedic University Manager at the DBT-CTEP Management Cell, Biotech Consortium India Limited, New Delhi, spoke about the ongoing efforts to foster innovation in biotechnology.

BioTech Exhibition:

Department of Biotechnology, Govt. of India and Uttarakhand Council for Biotechnology has display an exhibition in science and technology exhibition area at VMSB Uttarakhand Technological University. The biotech exhibition was displayed for 04 days from 20th-23rd

November. More than 21,000 students from various pharmacy colleges, medical colleges and nursing colleges, schools, higher education institutions, engineering colleges and universities visited the exhibition. Mr. Bhavya Shanker from Department of Biotechnology has deputed for DBT pavilion and Ms. Sakshi Panyuli has deputed for UCB pavilion.

Outcome

The 2nd Biotech Conclave proved to be a resounding success, offering an enriching experience for students and professionals alike. The event served as a valuable opportunity for the participants to expand their knowledge and network with experts in the field. It also helped raise awareness on pressing issues like antimicrobial resistance and the future potential of biotechnology in solving global challenges. The 2nd Biotech Conclave helped to build and strengthen a strong biotechnology education, research and translation ecosystem across the country. It helped to create and nurture a vibrant biotechnology related start-ups, entrepreneurial and industrial base in Uttarakhand, connecting the academia and industry. It helped to strengthen the link between research and commercialisation. It also helped to encourage participants for indigenous bio-resource based biotechnological activities for the promotion of village level industries in the state.

The event was well-received and provided a platform for discussions on the significant contributions that biotechnology can make in the world today.











6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

DIFFERENT PROGRAMS AT A GLANCE | DAY- 3

2ND MEDI-TECHCON

(Conference on advance technologies in Modern Healthcare)

Introduction

MediTechCon-2025 aims to bring together leading medical professionals, healthcare innovators, and technology experts to explore the latest advancements in medical technology. The event will provide a platform for knowledge exchange and will focus on innovation, research, and practical applications that can shape the future of healthcare. It is designed to promote the integration of cutting-edge medical technologies into everyday healthcare practices.

Participation and Certification

The conference saw an enthusiastic participation of 180 medical and paramedical students, along with faculty members from various colleges and universities. To acknowledge their involvement, each participant was awarded a certificate, which holds academic value and counts as a credit toward their respective courses. The opening session set the stage for an insightful and engaging conference, fostering learning, collaboration, and innovation in the field of healthcare and medical advancements.

Inaugural Session:

The Meditech Conference commenced with a traditional Saraswati Vandana in the Regional Science Center Auditorium, setting a spiritual and auspicious tone for the event. This was followed by the guest notes and a welcome address by Organising secretary DISTF Mr. Kunwar Raj Asthana. Programme conducted by Dr. Amit Agrawal and Dr. Ashutosh Mishra, who warmly greeted all attendees and highlighted the significance of the conference. Distinguished guests were welcomed with a splendid gesture and presented with a welcome memento as a token of appreciation. Additionally, each participant received a conference kit, which included a jute bag, notebook, and pen to facilitate note-taking and engagement throughout the sessions. In inaugural session Secretary Health, Dr. R Rajesh Kumar IAS, Vice Chancellor RBB Subharti University Dr. Himanshu Aeron and Dr. D.P. Uniyal. Joint Director, UCOST has joined the dais.

The one day Meditech Conclave focused on "The Importance of Robotic Surgery," **"Holistic Healthcare", "Innovative Healthcare Solutions" "Green Health Technology", "AI in Healthcare and Tele medicine".**

Outcome of the Meditech Conference Sessions

The Meditech Conference brought together a diverse group of 180 medical and paramedical students, along with faculty members from various institutes and universities. The event provided a rich learning experience, covering cutting-edge topics such as AI in Healthcare, Telemedicine, Holistic Healthcare, Green Health Technology, and Robotic Surgery.

Key Outcomes of the Sessions:

1. Enhanced Knowledge and Awareness
   - Participants gained deep insights into emerging healthcare technologies and innovative medical practices.
   - The sessions provided a broader perspective on the integration of AI, robotics, and sustainability in healthcare.
2. Technological Advancements in Healthcare
   - The discussions on AI in healthcare and telemedicine highlighted how machine learning and digital platforms are transforming patient care.
   - Participants understood how remote healthcare solutions are improving accessibility and reducing the burden on traditional healthcare systems.
3. Integration of Holistic and Sustainable

Practices

- Sessions on Holistic Healthcare and Green Health Technology encouraged the adoption of a patient-centered approach that prioritizes mental, physical, and emotional well-being.
- Awareness was raised about eco-friendly healthcare solutions, such as reducing medical waste and promoting sustainable hospital infrastructure.

4. Application of Robotic Surgery in Medicine

- The discussion on robotic surgery helped participants understand its role in minimally invasive procedures, improved precision, and faster patient recovery.
- The session emphasized the need for continuous research and training in robotic assisted medical techniques.

5. Interdisciplinary Collaboration and Networking

- The conference facilitated collaboration between students, faculty, and medical professionals from different institutions.
- Participants engaged in discussions on future innovations, research opportunities, and career pathways in healthcare technology.

6. Engaging and Innovative Experience

- The event was highly interactive and engaging, allowing participants to ask questions, share insights, and exchange ideas.
- Many attendees described the conference as a transformative learning experience, reinforcing the importance of integrating technology and holistic care into modern medicine.











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6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

MEET THE SCIENTIST

Keynote Spaeker: Professor Dr. Vinod Chandra Tewari Formerly, Senior Scientist 'G' and Head, Sedimentology Group, Wadia Institute of Himalayan Geology , Dehradun -248001, Uttarakhand.

Title of Key Note: ORIGIN AND EARLY EVOLUTION OF LIFE ON EARTH ,EXTREME PALEOCLIMATE AND ASTROBIOLOGICAL IMPLICATION

Summary:

"Meet the Scientist" organized at Dr. Vinod Bhakuni Hall, UCOST Premisis, Vigyan Dham, Dehradun on 14th November, 2025, during 6th Dehradun International Science and Technology Festival. The main objective of this program was to make the new generation aware of the history of science and the development of life on Earth. 150 students from various medical & nursing colleges has attend this session.

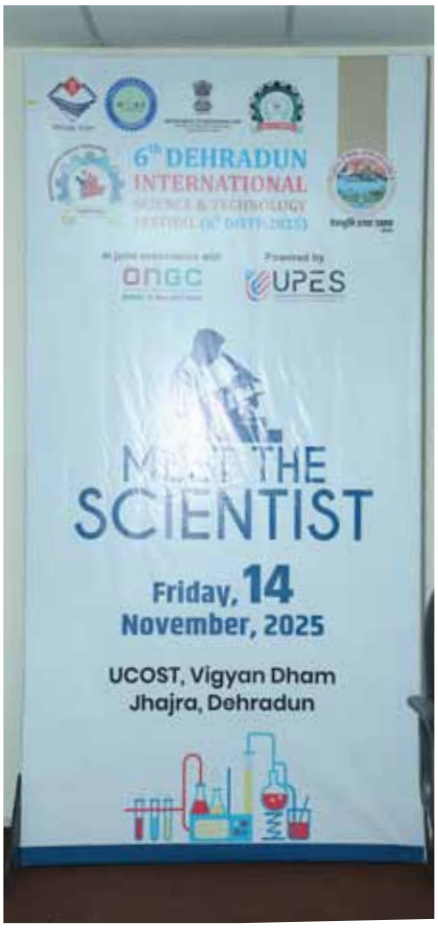
Professor Tiwari starts his lecture with the discovery of double helix structure of DNA by Professor James D.Watson (1928-2025). He point out that the discovery of double helix structure of DNA has revolutionized biology and genetics.

Dr. Tiwari says "Recent discovery of all the four bases in DNA and RNA have now been found in meteorites older than oldest rocks on Earth (4.2 to 4.4 billion years).The record of 4.5 billion years old amino acids ,organic biomolecules and possible evidence of earliest life is recorded from the meteorites falling on Earth from asteroid belt between Mars and Jupiter. Meteorite hold many unidentified organic compounds. Filamentous, rod shaped, spheroidal microorganisms and nanobacteria and magnetic bacteria etc. have been reported from Murchison, ALH, SNC and Didwana-Rajod meteorites. Amino acids in Murchison meteorite which is believed to have formed when the proto solar system was born. These compelling evidences strongly suggest that life must have originated in the universe and brought to Earth through meteorites."

Dr. Tiwari says "Recent research from India and other parts of the world is quite significant to understand the fossilized early life on Earth and their paleobiological evolution, global paleoclimatic conditions and Astrobiological implication. The oldest known rocks today on Earth are dated by the mineral Zircon (4.4. billion years from Australia and 4.2 billion years from Odisha in India). The oldest known fossilized megascopic life on Earth is known as Stromatolites (formed by interaction of microbes with Sediments). In India , the earliest stromatolites and cyanobacterial microfossils are 3.0 billion years old recorded from the Dharwar Craton (Sandur Schist Belt limestones and cherts) in Karnataka. There is a paleoglacial climate record at 2.7 billion years ago from Karnataka Craton recorded in Talya Quartzite (diamictite) which is the first record of cool climate in late Archean era. The Paleoproterozoic phosphatic stromatolites and cyanobacteria is known from the Aravali phosphorite in Rajasthan , Western India. The diversification of stromatolites has been recorded in the phoshorite rather than in carbonate and a distinct morphology is very characteristic."

In this popular lecture Dr. Tiwari describe origin and early evolution of life on earth, extreme paleoclimate and astrobiological implication. Dr. O.P. Nautiyal welcomed Dr. V.C. Tiwari by giving a plant, and Dr. Kunwar Raj Asthana honored him with a memento. Dr. Jagbir Aswal conducted the program with the help of his colleagues Mr. Manoj Kumar Singh and Mr. Manoj Kumar Gooniyal.


MEET THE SCIENTIST
6th DEHRADUN INTERNATIONAL
MEET THE SCIENTIST


6th DEHRADUN INTERNATIONAL
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MEET THE SCIENTIST
Friday, 14
November, 2025
UCOST, Vigyan Dham
Jhajra, Dehradun






MEET THE SCIENTIST
MEET THE SCIENTIST

6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

Knowledge Partner

JB Institute of Technology DEHRADUN
Inspiring Minds... Transforming Lives...

WORKSHOP ON UAV (UNMANNED AERIAL VEHICLE)

An Interactive Workshop on UAV (Unmanned Aerial Vehicle) Technology was successfully organized on Wednesday, 14th November 2025, at the Vimarsh Hall, UCOST, Vigyan Dham, Dehradun. The event aimed to provide an in-depth understanding of UAV technology, its applications, and its potential impact on various sectors. The event brought together students, researchers, and industry professionals for a day of knowledge-sharing and interactive discussions.

The workshop featured three technical sessions by eminent speakers:

Session-01: The opening session was led by Group Captain NP Praveen (Retd), CEO of Unmanned Warriors, conducted the second session. Drawing from his extensive experience in the defense sector, he delved into the strategic and industrial applications of UAVs. As a knowledge partner with the AARTI Foundation and IIT Roorkee, he highlighted the growing importance of collaboration between academia and industry to foster innovation in drone technology.

Session-02: Mr. Kushagra Sharma, a Robotics and Drone Technology Expert from Ensino Research and Development Private Limited. He shared his expertise on the fundamental principles of UAVs, their design, and emerging trends in drone technology. His session included demonstrations and practical insights, emphasizing the significance of drones in fields like agriculture, surveillance, and disaster management.

Session-03: The final session was delivered by Dr. S.K. Singh, Former Director of the Survey of India. He provided insights into the use of UAVs in geospatial mapping, urban planning, and infrastructure development. His extensive expertise enriched the participants' understanding of UAVs' potential in national development projects.

The workshop took place on 14th November 2025, at the well equipped Vimarsh Seminar Hall of UCOST, known for hosting significant academic and technological events. The event was attended by over 150 participants, including students, faculty members, and professionals from various engineering and technology disciplines. Renowned UAV experts and industry professionals conducted the sessions, sharing their expertise and practical insights into drone technology. The workshop featured informative lectures, live demonstrations, and interactive Q&A sessions on UAV technology. Topics included the fundamentals of drone design, components, and functioning, as well as applications in agriculture, disaster management, logistics, and surveillance. Participants also explored the latest advancements, regulations, and ethical considerations associated with UAV usage. The workshop was organized to familiarize attendees with emerging technologies in the field of UAVs, equipping them with the skills and knowledge required to explore this rapidly growing sector. The initiative aimed to inspire innovation and bridge the gap between theoretical learning and practical application.

The workshop concluded with an inspiring address by the Hon'ble Chief Guest, Sh. R.P. Gupta, Director of Technical Education, Government of Uttarakhand. He emphasized the importance of integrating UAV technology into academic curricula and research, fostering innovation for societal benefit. The event successfully provided a platform for participants to explore the transformative potential of UAV

technology, setting a benchmark for future technical workshops

Outcome

The workshop proved to be highly beneficial for the attendees. Participants gained practical exposure to drone assembly and operations, enabling them to understand UAV systems better. Faculty members expressed their intention to incorporate UAV technology into research projects, while students were motivated to pursue careers and entrepreneurial opportunities in this domain. The event also strengthened collaborations between academia and industry, laying the groundwork for future technological advancements and workshops. The successful completion of this workshop marked a significant step towards fostering innovation and technological excellence among the attendees.













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6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

WORKSHOP ON IPR (INTELLECTUAL PROPERTY RIGHTS)

An Interactive Workshop on IPR (Intellectual Property Rights) was successfully organized on 14th November 2025, at the Vimarsh Hall, UCOST, Vigyan Dham, Dehradun. The event aimed to provide a comprehensive understanding of IPR, its applications, and its impact on fostering innovation and protecting creativity in various sectors.

The event brought together students, educators, and professionals for a day of knowledge-sharing and interactive discussions about IPR.

Keynote Speaker: IPR Expert Dr. DP Uniyal, from UCOST (Uttarakhand State Council for Science and Technology),

Guest of Honor: Shri Ravi Vijarniya, Deputy Director, Directorate of Information & Broadcasting.

IPR expert Dr. Uniyal provided a detailed explanation of the processes involved in patent filling and trademark registration. He outlined the common legal challenges faced by businesses and innovators, such a jurisdictional complexity, and provided practical solution to navigate these issues. The session also highlighted the role of trademarks in building brands identity and the value of copyrights in protecting digital media and content. The seminar on Intellectual Property Rights(IPR) successfully brought together students, faculty and professionals to explore the importance of IPR in safeguarding innovation.

The workshop took place on 14th November 2025, at the well- equipped Seminar Hall of UCOST, known for hosting significant academic and technological events. The event was attended by over 150 participants, including students, faculty members, and professionals from various engineering and technology disciplines. Renowned IPR experts conducted the sessions, sharing their expertise and practical insights. The seminar featured detailed lectures, real-world case studies, and interactive Q&A sessions on IPR. Topics included: Fundamental of IPR, importance of patents, copyrights and trademarks, recent trends, advancements and global IPR regulations. The workshop aimed to familiarize attendees with the significance of IPR in today's world and equip them with the knowledge to protect their innovations and creations. This initiative also sought to inspire participants to contribute to research, entrepreneurship, and innovation while adhering to intellectual property laws.

The Workshop concluded with a motivational address by Dr. DP Uniyal, UCOST. He emphasized the role of Intellectual Property Rights in fostering innovation and strengthening the economy. His insights encouraged participants to apply the knowledge gained during the seminar in their academic and professional pursuits. The event successfully provided a platform for participants to understand the transformative potential of IPR, setting a benchmark for future seminars on similar themes.

Outcome

The seminar proved highly beneficial for the attendees. Participants gained a clear understanding of (IPR) Intellectual Property Rights and their practical applications. Faculty members expressed their intention to integrate IPR education into curricula, while students showed enthusiasm for pursuing careers and research in this field. The event also fostered collaborations between academia and industry, paving the way for advancements in the domain of intellectual property rights.

The success of the event was made possible by the dedicated efforts of the organizing committee, whose meticulous planning ensured a seamless experience. Special Thanks, extended to the coordinator's and volunteers for their enthusiastic support.




3rd IPR CONCLAVE
INTELLECTUAL PROPERTY RIGHTS









6TH DISTF-2025 | 12-14 NOV, 2025

6th DEHRADUN INTERNATIONAL SCIENCE & TECHNOLOGY FESTIVAL 2025

STUDENT INNOVATION EXHIBITION

The Student Innovation Exhibition 2025 was held from November 12th to 14th, 2025, in the open space area of the UCOST, Vigyan Dham, Dehradun. This three-day event brought together students, faculty, researchers, industry experts, and representatives from various companies. The exhibition was inaugurated by the Hon'ble Minister for technical education, forest & parliamentary affairs, Govt. of Uttarakhand with senior officials from state government and senior scientist and environmentalist. It served as a platform for students to showcase their innovative projects, ranging from smart solutions to cutting-edge technologies like artificial intelligence, machine learning, and the Internet of Things (IoT).

Throughout the event, various activities were organized to engage participants. Experts conducted evaluation sessions where students received constructive feedback on their projects. Motivational sessions by industry leaders highlighted the importance of innovation and the role of technology in shaping the future. Workshops and panel discussions provided practical insights into promoting startups and leveraging emerging technologies. Live demonstrations allowed visitors to interact with students and experience their creations firsthand, while networking sessions bridged the gap between academia and industry.

The need for such an event arose from the desire to nurture students' innovative abilities and align their academic projects with industry demands. The exhibition offered students a unique opportunity to gain exposure to real-world applications of their ideas and connect with professionals who could help them transform these ideas into viable business solutions. It also aimed to familiarize students with the latest trends in technology and research, enhancing their employability and entrepreneurial skills. The event was meticulously planned, with the organizing committee inviting project submissions from students weeks in advance. Spaces were allocated for displays, and technical support was provided for seamless live demonstrations.

The exhibition yielded significant outcomes, including collaboration opportunities for over 50+ student projects with industry partners. This experience boosted students' confidence and equipped them with insights into the commercialization of innovations, setting a strong foundation for their careers and contributing to a culture of innovation within the university.




TO DEHRADUN


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DIT UNIVERSITY
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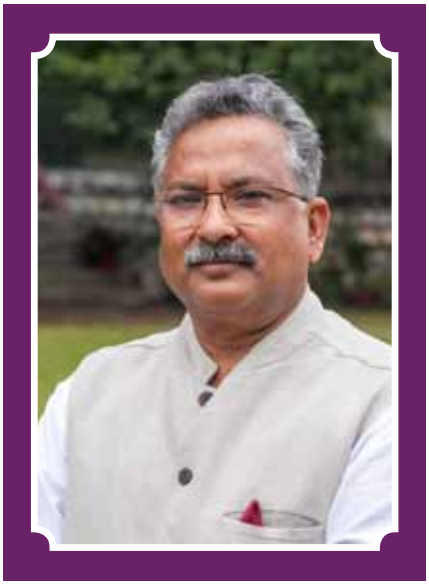

21
MAYA DEVI UNIVERSITY







STEERING COMMITTEE



Prof. Dr. Durgesh Pant

Director General
Uttarakhand Council for Science & Technology (UCoST)
Dehradun



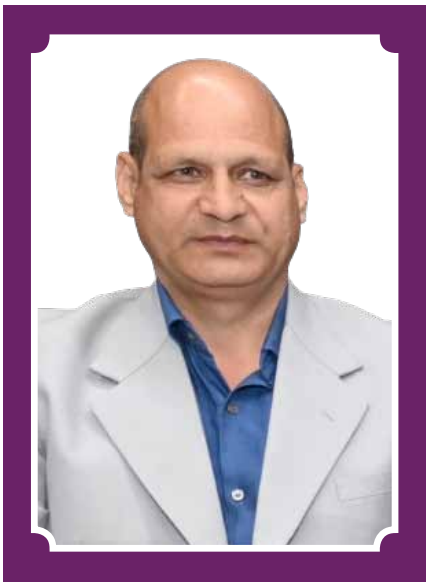
Dr. Ram Sharma

Vice Chancellor
UPES
Dehradun



Dr. Kunwar Raj Asthana

President
Society For Research And Development In Science, Technology & Agriculture



Dr. D. P. Uniyal

Joint Director
Uttarakhand Council for Science and Technology
Govt. of Uttarakhand



Prof. Amit Aggrwal

Director
VMSB Uttarakhand Technical Universtiy Campus
Gopeshwar



Prof. Naveen Singhal

Dean (AR) & Chief Proctor
DIT University
Dehradun

ESTEEMED GUESTS & RESOURCE PERSONS



Mr. Subodh Uniyal

Hon'ble Cabinet Minister
(Technical Education, Forest, Parliamentary Affairs)
Uttarakhand Government



Sh. Anand Bardhan, IAS

Chief Secretary
Uttarakhand



Sh. N. Ravi Shankar, IAS (Retd.)

Chairman, Uttarakhand State Sixth Finance Commission
Former Chief Secretary, Uttarakhand



Dr. R Meenakshi Sundaram , IAS

Principal Secretary, Govt. of Uttarakhand
Planning, Energy & Housing, CEO, CPPGG



Mr. Abhinav Kumar, IPS

Director General
Security, Intelligence & Prison
Uttarakhand Police



Dr. R Rajesh Kumar, IAS

Secretary, Govt. of Uttarakhand
Medical, Health & Family Welfare, [Commissioner, Food & Drug Administration]

ESTEEMED GUESTS & RESOURCE PERSONS



Sh. Vinay Shankar Pandey, IAS

Secretary to Chief Minister
Secretary, Govt. of Uttarakhand
(Industrial Development)
Commissioner, Garhwal



Dr. Pankaj Kumar Pandey, IAS

Secretary
Govt. of Uttarakhand
Public Works Department



Sh. Deependra Chaudhary, IAS

Secretary
Govt. of Uttarakhand
Ayush & Ayush Education
Soldier Welfare, Secretariat Ad.



Sh. Bansidhar Tiwari IAS

Aldn. Secretary to Chief Minister
Director General, DIPR
CEO, UFDC
Govt. of Uttarakhand



Sh. Navneet Bhullar, IPS

Senior Superintendent of Police
Special Task Force
Uttarakhand Police



Dr. J. N. Nautiyal

Chairman
(State Minister Level)
Bhartiya Chikitsa Parishad
Govt. of Uttarakhand

ESTEEMED GUESTS & RESOURCE PERSONS



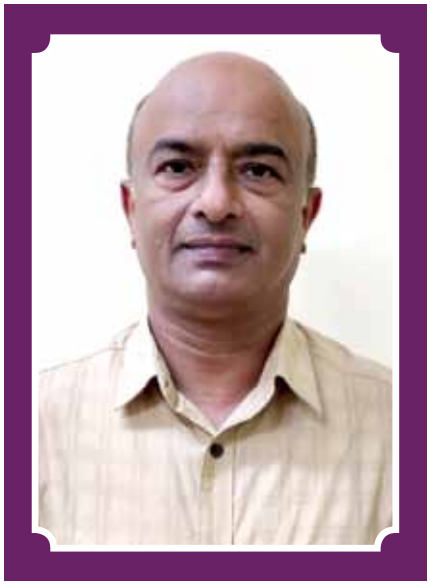
Dr. Anil Joshi
Padamashri, Padmabhushan

Eminent Environmentalist
& Founder HESCO



Er. Neeraj Kumar Sharma

Head Corporate Administration
& HR Services
ONGC Ltd., Dehradun



Dr. Sandeep Singhal

Managing Director
Uttarakhand Jal Vidyut Nigam
Ltd. (UJVNL)
Govt. of Uttarakhand, Dehradun



Dr. Harender Singh Bisht

Director
CSIR- Indian Institute of
Petroleum (IIP-Dehradun)
Govt. of India



Sh. Anil Kumar Yadav

Managing Director
Uttarakhand Power Corporation
Ltd. (UPCL)
Govt. of Uttarakhand, Dehradun



Dr. Purnima Sharma

Chief Executive Officer
Biotechnology Consortium
of India Ltd., New Delhi
DST, Govt. of India

ESTEEMED GUESTS & RESOURCE PERSONS



Dr. Nirpendra Chauhan

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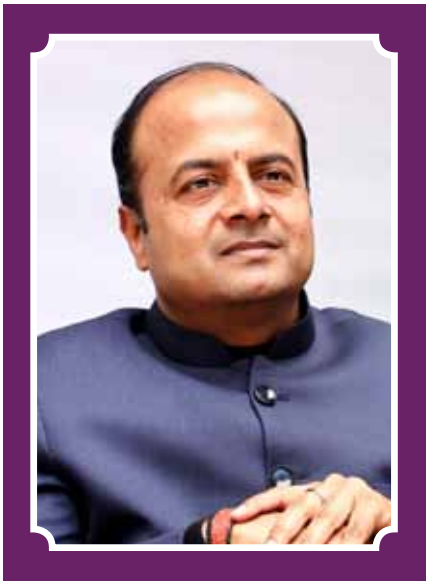
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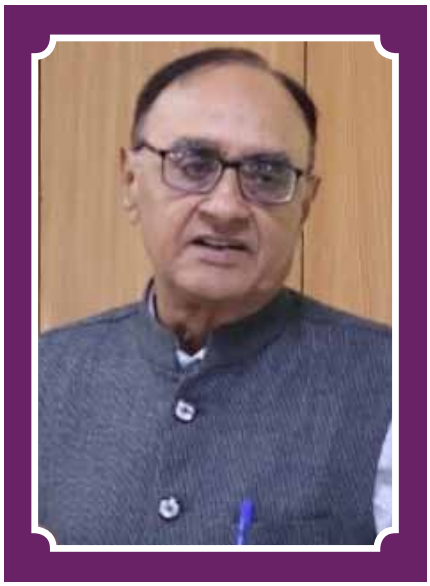
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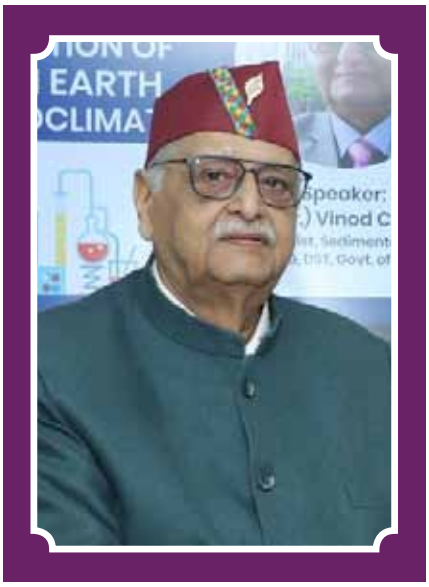
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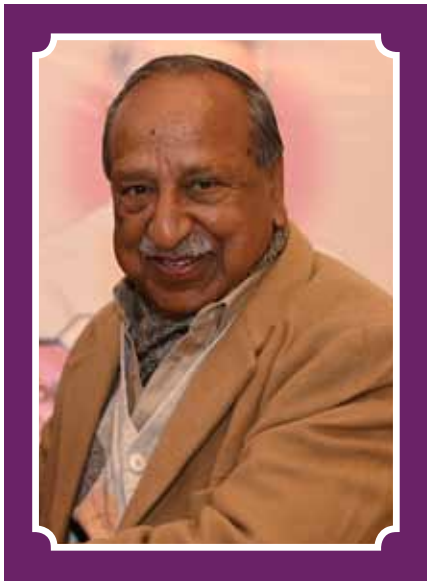
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