



# UTU-NEWSLETTER

An Official e-Newsletter of VMSB-Uttarakhand Technical University, Dehradun



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## EVENTS

# VEER MADHO SINGH BHANDARI UTTARAKHAND TECHNICAL UNIVERSITY

## “KRANTI PATH PLAY“ A TRIBUTES TO SHAHEED BHAGAT SINGH ON HIS BIRTH ANNIVERSARY

The play “Kranti Path” a tribute to Shaheed bhagat singh on his birth anniversary was presented by the artists of “Doon Ghati Rangmanch” in the auditorium of Veer Madho Singh Bhandari Uttarakhand Technical University in which various characters enacted the life struggle of Shaheed Bhagat Singh which included from Jallianwala Bagh to death penalty etc. Before this, the Hon’ble Vice Chancellor Prof. Onkar Singh paid floral tribute to Shaheed Bhagat Singh on his portrait. The Vice Chancellor said that Shaheed Bhagat Singh's contribution in the freedom struggle can never be overstated. Seeing him sacrifice his life, the spirit of revolution was awakened.

On this event Registrar, Prof. Satyendra Singh, Controller of Examination, Dr. V.K.Patel, Finance Controller, Mr. B.S.Jantwal, faculty members and students were present.





# FACULTY OF TECHNOLOGY

## TECHTRAIDS 2024

The 3-day technical event, Techtraids 2024, organized by Techshastra, the technical club of Faculty of Technology, from September 18th to 20th under the guidance of Technical Club coordinator Dr.Sandeep Negi. The event featured a variety of competitions, providing a platform for students to showcase their technical expertise and creativity.

Prof. Manoj Panda, Director of the Faculty of Technology, Faculty of Pharmacy, Faculty of Management and Women Institute of Technology, Campus Institute of VMSB UTU, was Chief Guest for the event. His distinguished presence graced the event, lending significance and prestige to the occasion. He also felicitated the winners.

Techtraids included hackathons, project presentations, and project synopsis, fostering innovation and skill development among participants.

With an impressive turnout and active engagement from students across disciplines, Techtraids 2024 was a resounding success, reinforcing the university's commitment to nurturing technical talent and encouraging collaborative learning.

**The winners of the events were:**

### **I. Presentation Showcase:**

1<sup>st</sup> Prize: Anushka, Aditi

2<sup>nd</sup> Prize: Shubham, Suraj

3<sup>rd</sup> Prize: Vishakha Sharma(WIT)

### **II. Project Synopsis**

1st Prize: Anuj, Devesh, Akhilesh

2nd Prize: Samridhi Gupta, Vanshika, Akansha (WIT)

3rd Prize: Milli, Prachi, Anushka



### **III. Hackathon**

1<sup>st</sup> Prize: Team :-Deepak Joshi, Deepanshu Bhatt, Anurag Goswami, Arnav Thapliyal

2<sup>nd</sup> Prize: Team:- Aditya Kumar, Mohit Thuwal, Mayank Sati, Atulyaa Belwal

3<sup>rd</sup> Prize: Team:- Narendra Singh Rawat, Anuj, Anmol Sati, Mayank Raj



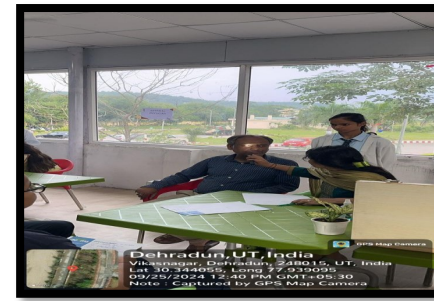


## EVENTS

FACULTY  
OF  
PHARMACY

## FREE HEALTH CHECK UP CAMP ON WORLD PHARMACIST DAY 2024

The Faculty of Pharmacy at Veer Madho Singh Bhandari Uttarakhand Technical University, in collaboration with Civil Defence Dehradun and Graphic Era Institute of Medical Sciences (GIEMS), in celebration of WORLD PHARMACIST DAY as the theme of this year 2024 was "Pharmacist : meeting global health needs", organized a free health check-up camp. The camp witnessed an overwhelming response, with around 200 students, faculty members, university staff and students from affiliated colleges availing expert medical consultations from professionals of GIEMS. This initiative aimed to promote health awareness and provide essential health services within the university community. The event was a significant step towards fostering collaboration between educational and medical institutions for the well-being of all.



## ONE-DAY SEMINAR ON BUILDING ADVERSE DRUG REACTION (ADR) REPORTING CULTURE FOR PATIENT SAFETY AND DIGITAL POSTER MAKING COMPETITION ON THE OCCASION OF 4TH NATIONAL PHARMACOVIGILANCE WEEK 2024

On the occasion of National Pharmacovigilance Week (17<sup>th</sup> to 23<sup>rd</sup> September 2024), the Faculty of Pharmacy at Veer Madho Singh Bhandari Uttarakhand Technical University organized a one-day seminar themed "Building ADR Reporting Culture for Patient Safety." The seminar featured Mr. Vipin Prakash Tamta, Pharmacovigilance Associate at DOON Hospital, as the keynote speaker. Mr. Tamta highlighted the importance of cultivating an adverse drug reaction (ADR) reporting culture to enhance patient safety and improve healthcare outcomes. The event provided valuable insights for students and faculty on the critical role of pharmacovigilance in safeguarding public health.

## EVENTS

## WIT, Dehradun

## REPORT ON INTERNAL SMART INDIA HACKATHON2024

Internal Smart India Hackathon 2024 was conducted in Women Institute of Technology on 10 September 2024. The event was inaugurated by Prof. Manoj Kumar Panda. He motivated the students and encouraged them to bring more fruitful ideas to make this event a successful one. The event was judged by Dr. Ankur Dumka, Dr. Ashish Bagwari, and Dr. Ankur Bisht.

Some of the topics that were selected by jury members include Women Safety Analytics-protecting women from safety threats, Fake Social Media Accounts and their Detection, Direct Market Access for Fairness,

Implementation of Alumni Association Platform for University, Real Time Disaster Information Aggregation Software, Development of portable EMI/EMC induction measurement instruments and so on. Thirty-three teams participated in this event and 20 teams were selected and uploaded their idea on the Smart India Hackathon portal. The event was coordinated By Ms. Jigyasha Arora.



# ACHIVEMENTS

# WIT, DEHRADUN

## WORLD'S TOP 2% SCIENTISTS

On 17<sup>th</sup> September 2024, Stanford University, USA (ranked #2 in QS World University Rankings), and Elsevier Netherland jointly released the list of the World's Top 2% Scientists, which includes 22 scientific fields and 174 sub-fields. The Stanford University ranking identifies the world's top scientists based on standardized citation metrics, reflecting the most influential researchers globally.

It is the privilege of the University that out of the 2,23,252 scientists in the top 2% in the world from across all fields, Dr. Ashish Bagwari HoD, Department of Electronics and Communication Engineering, WIT, Campus Institute VMSBUTU, India is also one of them.

Dr. Bagwari has published over 180+ research articles in the various SCI/ESCI/Scopus indexed journals, transactions, Scopus conferences, book chapters, letters, and technical magazines, and has granted 02 Indian patents. Dr. Bagwari has been invited as a key-speaker, and session chair in various workshops/conferences and delivered 17 expert lectures at different institutions and universities within India and abroad. Dr. Ashish visited China in the year 2007 when he was associated with the Reliance industry, in Mumbai, India. He has written seven books and more than 14 book chapters for reputed international publishers.



## Bagwari, Ashish

Uttarakhand Technical University, IND

Year 2023 Rank: 90946

**Main Field:** Information & Communication Technologies

**Sub Field:** Networking & Telecommunications

**H-index:** 15, **Hm-index:** 6.42

**Rank in the SubField:** 984 out of 206482 authors

**Top 2% Listed Year(s):** 2024



<https://TopResearchersList.com/>

# ACHIVEMENTS

# WIT, DEHRADUN

## MR. AAYUSH JOSHI, ASSISTANT PROFESSOR, CIVIL ENGG. HAS BEEN AWARDED A RESEARCH GRANT FUNDED BY THE UTTARAKHAND STATE COUNCIL FOR SCIENCE AND TECHNOLOGY (UCOST), DEHRADUN

Director WIT, Prof. Manoj Kumar Panda with immense pride and pleasure announced a remarkable achievement of Mr. Aayush Joshi, Assistant Professor in the Department of Civil Engineering at Women Institute of Technology (WIT), a campus institute of Veer Madho Singh Bhandari Uttarakhand Technical University (VMSBUTU). Mr. Joshi has been awarded a research grant funded by the Uttarakhand State Council for Science and Technology (UCOST), Dehradun. This project, titled “**Determination of Residual Stress of Concrete using Ultrasonic Pulse Velocity,**” has been sanctioned with a total grant of ₹7.5 lakhs.

This significant research project aims to address a crucial challenge in civil engineering—assessing the residual stresses in concrete structures. Residual stress, often caused by various factors such as load, shrinkage, or temperature changes, can compromise the structural integrity of concrete over time. Mr. Joshi’s research will employ **Ultrasonic Pulse Velocity (UPV)**, a non-destructive testing method, to measure and evaluate these residual stresses. The findings of this project are expected to contribute significantly to improving the durability, safety, and sustainability of concrete structures, not only in Uttarakhand but also across the country.

The award of this project reflects Mr. Joshi’s dedication to advancing the field of civil engineering through cutting-edge research. His work will not only contribute to academic excellence but also provide practical solutions for the construction industry. The use of UPV to determine stress is a modern, innovative approach that promises to bring new insights into the structural health monitoring of concrete.

Mr. Aayush Joshi has been a valuable member of the faculty at WIT VMSBUTU, known for his passion for research, his commitment to student learning, and his contribution to the civil engineering community. His success in securing this grant from UCOST highlights his expertise in the field and underlines the high academic standards upheld by WIT VMSBUTU.

We extend our heartiest congratulations to Mr. Joshi for this outstanding accomplishment. This achievement not only brings pride to the Women Institute of Technology and VMSBUTU but also serves as an inspiration for other faculty







# INSTITUTE OF PROFESSIONAL STUDIES, ROORKEE

## DEBATE COMPETITION AT IPS LAW COLLEGE

A debate competition on the topic “Impact of AI on Human Intelligence in the Digital Era” was organized at the Institute of Professional Studies (IPS) Law College on 25<sup>th</sup> September 2024. The event was graced by Dr. Gireesh Kumar Kapil, Principal of Chamanlal Law College, as the chief guest, who also served as the judge for the competition. Sixteen students participated in the competition, with Himanshu securing first place, Muskan and Anjali taking second, and Alishan placing third.

Associate Director of the college, Ankur Sharma, mentioned that the aim of the debate competition was to help students understand the judicial system, the importance of reasoning, and the value of debates.





# TRAINING & PLACEMENT

## WIT, Dehradun

### CAMPUS PLACEMENT DRIVE, 2025

WIT started off with its campus placement drive for the B.Tech students passing out in 2025 IN August, 2024 under the mentorship of Prof. M.K. Panda, Director, WIT & Dr. Shilpi Mittal Panwar, Head – Training & Placement Cell.

The first company to conduct the placement drive was **Infosys** which conducted virtual tests and its result is still awaited.

The second company was **Accenture** which started off its first placement drive in Uttarakhand for the year 2025 with WIT which is an achievement for us. After a month of conducting its rigorous virtual test, 2 students, namely Bhavika Bhatt, ECE & Amisha Rawat, CSE have been selected by the company with a package of Rs. 4.5 LPA

The third company was Atlas Copco Group, a global company which came to Uttarakhand from Pune for the first time and visited WIT making it, its maiden campus to conduct the placement drive. It has selected 8 students (Alvina Shah, CSE, Amisha Rawat, CSE, Ankita Joshi, CSE, Jessica Baranwal, CSE, Mishthi dobhal, ME, Suman Panwar, ME, ADITI PUNDIR, CSE & Shalini Rawat, EE from B.Tech. across different branches with a package of Rs. 6.4 LPA.



**RECENT  
NEWS**

- University has scheduled the RDC meetings for PHD scholars which is scheduled from 14 October 2024 to 25.October 2024.
- University has notified for criminal background check system declaration for its affiliated law institutions as per directions of Bar Council of India.
- University has notified regarding filling of regular and back paper Examination forms for session 2024-2025
- Ph.D. Viva voce Examination of Mr. Om Pal Title: “Router Design and Performance Analysis of Zigbee Wireless Protocol Network on Chip (NoC) in Mesh and Star Network” was held on 19th October, 2024.





**वीरमाधो सिंह भण्डारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय**  
(उत्तराखण्ड सरकार द्वारा अधिनियम 415/2005 द्वारा स्थापित पूर्ववर्ती उत्तराखण्ड तकनीकी विश्वविद्यालय)  
**Veer Madho Singh Bhandari Uttarakhand Technical University**  
(Formerly Uttarakhand Technical University Established by Act no. 415/2005 by Uttarakhand Government)  
Chakrata Road, P.O. Chandanwadi, Premnagar, Suddhowala, Dehradun, Uttarakhand (India)  
Tel.No.0135-2774067 Website: [www.uktech.ac.in](http://www.uktech.ac.in)

Ref. No. 17592/PHD/VMSB-UTU/2024

Date: 27/09/2024

**RDC NOTICE FOR PH.D STUDENTS****OCTOBER 2024**

All students registered in PhD programme of VMSBUTU Dehradun are hereby notified the schedule of RDC meetings as detailed below:

SN	Branch	RDC meeting Date	TIME
1	CSE	14-15.10.2024	10.00 A.M.
2	ECE	16.10.2024	10.00 A.M.
3	ME	18.10.2024	10.00 A.M.
4	EE	19.10.2024	10.00 A.M.
5	CIVIL ENGG.	21.10.2024	10.00 A.M.
6	LAW	21.10.2024	10.00 A.M.
7	PHARMACY	22.10.2024	10.00 A.M.
8	MANAGEMENT	23.10.2024	10.00 A.M.
9	MASS COMM.	23.10.2024	10.00 A.M.
10	LIFE SCIENCE	24.10.2024	10.00 A.M.
11	FOOD TECH.	24.10.2024	10.00 A.M.
12	CHEMICAL ENGG.	24.10.2024	10.00 A.M.
13	ENGLISH	25.10.2024	10.00 A.M.
14	EVS	25.10.2024	10.00 A.M.
15	PHYSICS	25.10.2024	10.00 A.M.
16	CHEMISTRY	25.10.2024	10.00 A.M.
17	MATHS	25.10.2024	10.00 A.M.

All students are required to deliver a presentation regarding the progress of their research work on the schedule date as mentioned above in the University. The duly filled progress report in the specified format (available on website) should also be signed by the supervisor and brought for submission in the University along with uploading it on UMS (University Management System) available at [www.uktech.ac.in](http://www.uktech.ac.in).

In continuation to repeated notifications and emails sent to every Ph.D. student to register on UMS compulsorily, it is informed that the progress report is to be essentially uploaded on UMS. The students who have not registered on UMS and not uploaded progress report by 09<sup>th</sup> October, 2024 will not allowed for presentation before RDC. The progress reports submitted on UMS will be assessed before the presentation by respective RDC members.

  
(Dr. V.K. Patel)

**Controller of Examination**

Copy to the following for kind information:

1. Registrar, VMSB UTU, Dehradun
2. Finance Controller, VMSB UTU, Dehradun
3. Ph.D. Coordinator, VMSB UTU, Dehradun for necessary action.
4. Webmaster, VMSB UTU, Dehradun to upload this notice on the University website.
5. Nodal officer, UMS for uploading on student login of Ph.D. students.
6. Guard file

  
(Dr. V.K. Patel)

**Controller of Examination**





**DISTF-2024**

# SCIENCE & TECHNOLOGY

## *Festival*

is coming alive again



**5<sup>th</sup> DEHRADUN INTERNATIONAL  
SCIENCE & TECHNOLOGY  
FESTIVAL 2024**

**20<sup>th</sup> -22<sup>nd</sup> November, 2024**

at

**VMSB Uttarakhand Technical University,  
Dehradun**







We aim to release our Newsletter every fortnightly with maximum coverage of happenings in the University and its institutions . So we request the Directors of affiliated institutes and Campus Institutions to provide us information about the activities which are held in their campus on or before 12<sup>th</sup> and 27<sup>th</sup> of every month at [info@uktech.ac.in](mailto:info@uktech.ac.in) .

Regards,  
Anubhooti Papola  
Anshika Garg  
(Editorial Board,VMSBUTU,Dehradun)

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