



**VEER MADHO SINGH BHANDARI  
UTTARAKHAND TECHNICAL UNIVERSITY**

# **NEWSLETTER**

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# University Events- VMSBUTU



## One-Day Workshop on Startup Ecosystem Organized at UTU

On February 15, 2025 – Veer Madho Singh Bhandari Uttarakhand Technical University (VMSB UTU), in collaboration with Decode Pro Softwares, Dehradun, successfully hosted a one-day workshop, for motivating and advising for resilience and growth Marg 1.0, focusing on fostering a startup ecosystem. This initiative aimed to provide students with a deeper understanding of entrepreneurial thinking, strategic business planning, and the essential skills required to navigate the startup landscape.

### Inauguration and Keynote Address

The workshop commenced with an inaugural session led by Prof. V.K. Tiwari, the founder Hon'ble Vice-Chancellor of UTU. In his keynote speech, he emphasized the growing significance of startups in the modern economy and encouraged students to go beyond traditional learning by integrating entrepreneurial strategies into their career planning. He urged students to proactively build a roadmap for their future ventures alongside their academic pursuits.

Prof. Onkar Singh, the Hon'ble Vice-Chancellor of UTU, reinforced this vision by motivating students to engage in startups, innovation, and research-oriented projects. He assured students that UTU I-Hub, a dedicated startup incubation center at the university, is committed to offering resources, mentorship, and financial assistance to promising entrepreneurial ideas.

### Industry Experts and Valuable Insights

The workshop featured seasoned entrepreneurs and industry leaders, who shared their personal experiences, challenges, and key insights into the startup ecosystem:

Rahul Rawat, Founder & CEO of Digantara Research and Technology, Bangalore, provided an in-depth analysis of the startup lifecycle, covering critical aspects such as ideation, funding, market adaptation, and scaling.

Robin Nagar, Founder & CEO of Valley Culture India, Dehradun, presented real-life challenges encountered in the startup domain and the strategic approaches to overcoming them.

The interactive Q&A session that followed enabled students to directly interact with industry professionals, seek guidance, and clarify their doubts regarding startup development, investment strategies, and market positioning.

### Comprehensive Learning and Entrepreneurial Skill Development

The session was designed to equip students with a structured approach to launching, managing, and sustaining a startup. Industry experts highlighted the importance of adaptability, resilience, and data-driven decision-making in the entrepreneurial world. Additionally, students were introduced to UTU's startup-support framework, which includes mentorship programs, funding opportunities, and networking events.

A special segment of the workshop focused on innovation-driven entrepreneurship, where students were encouraged to brainstorm unique business ideas and explore how technology can be leveraged for startup growth. Several students showcased their concepts, receiving valuable feedback from the experts.

### Organizing Team and Participation

The successful execution of the event was made possible through the efforts of Deepak Rajput and Roshni Monga, Founders of Decode Pro Softwares, along with Dr. Manoj Kumar Panda, Director of Women Institute of Technology/Faculty of Technology/Faculty of Pharmacy/Faculty of Management, and other distinguished faculty members.

The workshop witnessed active participation from a diverse group of students and faculty members, fostering a culture of collaborative learning and entrepreneurial enthusiasm. Attendees expressed their appreciation for the insightful discussions and practical knowledge shared during the sessions.

### Future Prospects and UTU's Commitment to Entrepreneurship

This event marks a significant step toward strengthening UTU's entrepreneurial ecosystem, with plans to organize more interactive sessions, mentorship programs, and startup incubation opportunities in the future. The university remains dedicated to empowering students with the necessary tools and guidance to turn their innovative ideas into successful businesses.

The workshop aligns with UTU's ongoing mission to cultivate entrepreneurial skills among students. With continued support and future initiatives, UTU aims to be a leading hub for startup innovation and business excellence.



# University Events- VMSBUTU



## FIRST SESSION OF DEBATE SPARKS IN 2025

On February 15, 2025, the Manthan Debate Society organized the first session of Debate Sparks in the Student Lounge at 2:00 PM. The debate was conducted in Hindi on the topic “उत्तराखंड में लागू यूसीसी (समान नागरिक संहिता) कानून के समाज पर प्रभाव” (The Impact of the Uniform Civil Code in Uttarakhand on Society). Unlike the conventional opposition-proposition format, the debate followed an individual speaker-based approach, focusing on three key themes: constitutional challenges, the impact on culture and tradition, and political and social reforms.



The session was structured into three rounds. In the first round, each speaker was given ninety seconds to present their perspective. The second round allowed for an open deliberation, where participants engaged in a five-minute discussion, critically analyzing and defending their viewpoints. The final round encouraged audience interaction, providing them the opportunity to question the speakers and further explore the arguments presented.



The debate saw an equal representation of views, with three speakers advocating for the Uniform Civil Code in Uttarakhand and three opposing its implementation. Discussions delved into critical aspects such as intermarriage laws, religion-specific legal provisions including the ban on triple talaq, and the government's role in regulating live-in relationships. The audience actively contributed to the discourse, raising concerns regarding the implications of a uniform legal framework on religious communities.

The session concluded with the broad acknowledgment that while the Uniform Civil Code promises significant societal reforms and could contribute to national progress, Uttarakhand may not yet be prepared for its immediate implementation. The Manthan Debate Society extends its appreciation to the moderator, judges, participants, and audience for their enthusiastic engagement, and looks forward to hosting more such thought-provoking discussions in the future.

# University Circulars



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- University has uploaded the Odd Semester Examination 2024 schedule for GBPIET Pauri for B.Tech, MCA and M.Tech courses.
- University has issued direction regarding uploading of attendance for classes of Even semester for session 2024-25 on UMS portal.
- University has instructed the faculty members of its affiliated institutes for evaluation of answer sheets for Odd Semester 2024-25.

# Mrs. Jigyasa Arora

Assistant Professor, Computer Science & Engineering  
Women's Institute of Technology Campus Institute of  
VMSBUTU

## Rust: A Fast, Safe, and Growing Technology



Rust is a modern programming language that's all about speed, safety, and reliability. It was originally developed by Mozilla and is now managed by the Rust Foundation. Unlike languages like C and C++, Rust helps developers write high-performance code without worrying about common issues like memory leaks or crashes.

### Why Rust Stands Out:

- No More Memory Bugs - Rust prevents errors like buffer overflows and null pointer issues.
- Handles Multiple Tasks Smoothly - Its ownership system makes multi-threading safer.
- As Fast as C/C++ - It gives you direct control over hardware without sacrificing safety.
- Great Developer Tools - With tools like Cargo (package manager) and Clippy (code checker), Rust makes coding easier.
- Expanding Ecosystem - Rust is now used in areas like blockchain, web development, and even AI.

### What's the Future Like for Rust Developers?

1. Building Operating Systems - Rust is being used for safer and more reliable OS components, even in Linux.
2. Blockchain & Web3 - Frameworks like Polkadot's Substrate make Rust a key player in blockchain tech.
3. Cybersecurity - Since Rust prevents many security vulnerabilities, companies use it for secure software.
4. IoT & Embedded Systems - Rust works great with tiny devices like sensors and microcontrollers.
5. Cloud & Web Services - Companies like AWS and Microsoft use Rust for fast and scalable web services.
6. Game Development - Rust-based game engines like Bevy are gaining traction.
7. AI & Machine Learning - Rust is starting to make an impact in AI with libraries like Burn and Candle.

### Job Opportunities & Career Growth:

- Top Companies Using Rust - Google, Microsoft, AWS, Mozilla, Dropbox, Discord, and many more.
- High-Paying Roles - Rust developers are among the highest-paid in tech, with salaries often exceeding \$100K/year.
- Career Paths - You can work in systems programming, blockchain, security, cloud computing, and even AI.

# Students Corner



## National Women's Day

In India, National Women's Day is celebrated on February 13th every year to honour the birth anniversary of Sarojini Naidu, one of the country's most inspiring female leaders.

### Why February 13th?

Sarojini Naidu wasn't just an incredible poet that's why she's called the "Nightingale of India", she was also a trailblazer in politics and social reform. She was the first Indian woman to become the President of the Indian National Congress and later, the first female Governor of an Indian state that was Uttar Pradesh. Her life was dedicated to India's freedom movement and empowering women.

### Why National Women's Day Matters?

While women in India have come a long way, challenges like gender inequality, workplace discrimination, and safety concerns still exist. National Women's Day isn't just about remembering Sarojini Naidu—it's a reminder that we still have work to do to create a fairer world for women.

A Small Step, A Big Change, National Women's Day isn't just a day—it's a movement. Let's use this occasion to reflect, take action, and uplift the women around us. Read and share stories about inspiring Indian women. Speak up for gender equality at home, school, or work. Appreciate the women in your life—sometimes, a kind word means a lot. Support women-led businesses and initiatives. Because when women rise, society rises with them.

Happy National Women's Day!

**By- Om Mishra [2nd Yr- CYBER SECURITY (FOT)]**

## National Women's Day

### The Irony of India's National Women's Day

On March 13, 2022, India commemorates the birth anniversary of Sarojini Naidu—a literary icon, a fearless freedom fighter, and a staunch advocate for women's rights—as National Women's Day. This day is meant to highlight the vital contributions of women to India's social, cultural, economic, and political fabric. It is a day of celebration, a promise to safeguard their future, and a recognition of their role as pillars of society.

In a disturbing contradiction, on February 12, 2025 – the Chhattisgarh High Court overturned the conviction of a man accused of forcing unnatural sex on his wife, an act that allegedly led to her death. The ruling cited the "marital rape exception", arguing that a wife's consent loses legal significance after the age of 15. A heinous crime dismissed on a technicality—a loophole that openly strips women of bodily autonomy within marriage.

A nation that honors one of its bravest women with a national day in her name also absolves a rapist and murderer in the same breath. The message this ruling sends is clear: A woman's suffering within marriage is secondary to the sanctity of the institution itself. While anti-feminists relentlessly claim that women enjoy "privileges," this judgment exposes the grim reality—where is that privilege when the law itself refuses to protect them?

India remains one of 32 countries yet to criminalize marital rape, yet it finds time to censor comedians and police women's clothing in the name of culture. Consent is the basis of equality, it is a human right that the judiciary of India apparently considers "unimportant" for women. In a country where girls are married off before they can even vote, and adult women are denied agency within marriage, the question remains: where does India truly stand on gender equality?

Until these injustices are met with appropriate legal reform and accountability, India's so-called "celebration" of women remains a hollow gesture.

**BY - IPSHA SINGH (WIT CSE 3RD YEAR)**

# Students Corner



## NO POVERTY: A STEP TOWARDS GLOBAL CHANGE

In a world where progress and inventions are taking place, poverty remains a daunting challenge. As per sustainable development goals, by 2030 it aims to annihilate extreme poverty, ensuring that every individual has access to basic needs, resources and opportunities for a better future. According to the World Bank, around 9.2% of the population lives in extreme poverty, surviving on less than 180 to 200 rupees per day.

Factors like unemployment, inadequate education and economic instability continue to increase the gap between the privileged and underprivileged. Government organisation and individual must work together to implement solution for sustainable development. We should encourage entrepreneurship, fair wages and skill development: can uplift communities, better education facilities should be provided individually. There should be policies for food security programs, free healthcare in hospitals and financial inclusion are essential.

We should invest in clean energy, agriculture and infrastructure can enhance were economic stability. Individuals should contribute by donations, advocating for policies and should support local business. By collaborating efforts, we can transform lives ensuring that no one left behind. We all should join for this change.

"EVERY INDIVIDUAL MATTERS"

By- ANJALI NAINWAL(Cyber Security 2nd year)

## NO POVERTY: A STEP TOWARDS GLOBAL CHANGE

"The measure of a society is found in how they treat their weakest and most helpless citizens."-Jimmy Carter.  
Sustainable Development Goal: No Poverty  
Eradicating extreme poverty for all people everywhere by 2030 is a pivotal goal of the 2030 Agenda for Sustainable Development. Poverty affects every being in the society and the one suffering from poverty are the most hurt for mostly they are homeless, suffering diseases, mental stress and countless issues. Among 17 SDG goals one goal is SDG-No Poverty.it is a universal call to action adopted by United Nations Member States in 2015 to eradicate poverty by 2030.

Role Of NITI Aayog  
NITI Aayog, the think tank of the GOI, plays a vital role to make policies and implement them to achieve SDG: No Poverty in India. Policies like Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), Aspirational Districts Programme (ADP), Collaboration with the United Nations Development Programme (UNDP) and the Oxford Poverty and Human Development Initiative (OPHI) under ADP have been helpful to improve the score by 12 points from 2020-21 (Index 3) to 2023-24 (Index 4), advancing India from Performer to Front Runner category. According to a report by NITI Aayog in January 2024, over the years 2014-2022, a total population of 24.82 crore people in India came out of poverty, dropping India's poverty rate from 29.17% to 11.28% which is likely to cut in half by 2030. The report looks beyond income and considering things like health, education other livelihoods.

Condition Of Poverty in India Then Vs Now  
Anyone saying that extreme poverty has been nearly eliminated in India may not be completely right. India is still a poor country, it's just a lot less poor than it was 20, 30 years ago. Poverty can only be eradicated when uprooted from the base, when everyone is provided with their basic amenities like education, healthcare, clean water and sanitation, electricity, internet and digital access, and housing.

The pandemic-induced recession had a severe impact, reversing progress in poverty reduction. According to Pew Research Center, the number of poor in India (with income of \$2 per day or less in purchasing power parity) more than doubled from 60 million to 134 million in just a year due to the economic downturn caused by COVID-19. This means India returned to a situation where it was called a "country of mass poverty" after 45 years. However, long-term indicators still show improvement. Adult literacy increased from about 68-70% in 2015-16 to 77% in 2023, while life expectancy rose from approximately 66-67 years in 2015 to 70.6 years in 2021, and infant mortality fell from 36 deaths per 1000 live births in 2015 to about 27 per 1,000 in 2021. Access to electricity improved from roughly 88% in 2015 to nearly 99.6% in 2021. Internet penetration grew significantly from 15.1% in 2015 to 46.3% in 2021, mainly due to Reliance Jio's entry in 2016. The percentage of households living in permanent or semi-permanent (pucca/semi-pucca) houses increased from around 85% in 2015-16 to 95.4% in 2019-21.

While the pandemic temporarily worsened poverty levels, India's broader economic and social indicators suggest a continued long-term decline in poverty. Addressing gaps in employment, healthcare, and social security is still necessary to ensure that progress remains steady. The data comes from the World Bank, Our World in Data, Jal Jeevan Mission, National Health Mission, State Bank of India (SBI) Research, and NITI Aayog: Reason Of Poverty in India

Problems like population growth, unemployment, underemployment, inflation, British rule de-industrialising India, Natural Disasters all the affect the weakest section of society first making them vulnerable to first hand changes. In the past 45 years, India has risen at an average rate of 2.2% per year, adding about 17 million people annually increasing the demand for resources, jobs, and public services, making poverty alleviation more challenging. Limited access to Education, Unequal Distribution of Wealth and Resources as the wealthiest 10% of people in India hold 77% of the nation's wealth whose wealth continues to grow at disproportionate rates.A poverty trap is a vicious cycle where low income leads to insufficient investment in essential services, which in turn perpetuates poverty. In this cycle, low income means that households can barely afford education and healthcare, resulting in a low level of human capital. With poor human capital, productivity remains low, which means incomes do not rise. Low income then leads to minimal savings, which in turn results in low investment in businesses and infrastructure, further stifling economic growth. The cycle repeats itself, making it extremely difficult for individuals and communities to escape poverty without significant external intervention or structural changes.

Solution to Poverty  
Eradicating poverty in India requires a approach that tackles both structural and immediate challenges. Investing in quality education is key to building human capital and breaking the poverty trap. Ensuring everyone has access to essential amenities—such as healthcare, clean water and sanitation, reliable electricity, widespread internet and digital access, and proper housing—will empower individuals and communities to improve their livelihoods. Strengthening targeted government policies and social protection schemes, particularly for vulnerable and marginalized groups, is critical for reducing regional disparities and fostering inclusive growth. Additionally, supporting authentic charities and local campaigns through donations—whether it be clothes, books, or food supplies—can help meet immediate needs and contribute to long-term development. Together, these measures not only work toward eradicating poverty but also directly align with the global commitment of SDG 1: No Poverty

Shivansh Pokhriyal  
2nd year(Comp Sc)  
On SDH-No poverty



## उत्तराखण्ड तकनीकों विवि में स्टार्टअप इको सिस्टम कार्यशाला आयोजित

यूटीयू आई-हब के माध्यम से स्टार्टअप को छात्रों को मिलेगा हरसम्भव सहयोग: कुलपति



**उत्तर उजाला ब्यूरो**  
देहरादून। वीर माधो सिंह भंडारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय (यूटीयू) एवं डिक्कोड प्रो.सॉफ्टवेयरस देहरादून के तत्वाधान में आज दिनांक 15 फरवरी, 2025 को स्टार्टअप इको सिस्टम पर एक दिवसीय सत्र मार्ग 1.0 का आयोजन किया गया।

इस कार्यक्रम में विश्वविद्यालय के संस्थापक कुलपति प्रो.वीके तिवारी ने बतौर मुख्य अतिथि शिरकत कर दीप प्रज्वलित करते हुए वर्कशॉप का शुभारंभ किया गया। प्रो. तिवारी ने कार्यक्रम में छात्र-छात्राओं को सम्बोधित करते हुए कहा कि कक्षाओं में अध्ययन के अलावा अतिरिक्त समय में भविष्य की योजनाओं का

रोडमैप भी तैयार किया जाना जरूरी है। प्रो. तिवारी ने छात्र-छात्राओं को स्टार्टअप के महत्व के बारे में जानकारी दी। सत्र के दौरान छात्रों से प्रश्नोत्तरी कार्यक्रम भी आयोजित किया गया जिसमें छात्रों ने बड़ चढ़कर भाग लिया और अपनी स्टार्टअप संबंधी समस्याओं को विशेषज्ञों के समुच्चय रख कर समाधान ढूँढने का

स्टार्टअप के क्षेत्र में अपने विचार अनुभव छात्रों से साझा किये। वहीं रौविन नागर फाउंडर एण्ड सीईओ-वैली कल्चर इण्डिया देहरादून ने कार्यक्रम में शामिल होकर छात्रों के बीच अपने वास्तविक जीवन में आयी विभिन्न समस्याओं के बारे में बताया और फिर उन समस्याओं से निपटने के समाधान स्टार्टअप के माध्यम से

प्रयास किया ढूँढने के तरीके छात्र-छात्राओं से साझा किये। कार्यक्रम में राहुल रावत फाउंडर एण्ड सीईओ-दिगानर रिसर्च एण्ड टैकनोलॉजी, बंगलौर जो कि अ 1 न ल। इन माध्यम से कार्यक्रम में शामिल हुए और स्टार्टअप के क्षेत्र में अपने विचार अनुभव छात्रों से साझा किये। वहीं रौविन नागर फाउंडर एण्ड सीईओ-वैली कल्चर इण्डिया देहरादून ने कार्यक्रम में शामिल होकर छात्रों के बीच अपने वास्तविक जीवन में आयी विभिन्न समस्याओं के बारे में बताया और फिर उन समस्याओं से निपटने के समाधान स्टार्टअप के माध्यम से

## छात्राओं को अपने प्रोजेक्ट की इंजीनियरिंग सिखाएगा यूयूसडीए

अमर उजाला ब्यूरो

देहरादून। उत्तराखण्ड तकनीकी विश्वविद्यालय संघटक महिला तकनीकी संस्थान की छात्राओं को उत्तराखण्ड शहरी क्षेत्र विकास एजेंसी (यूयूसडीए) के अधिकारी इंजीनियरिंग सिखाएंगे।

10 दिवसीय प्रशिक्षण कार्यक्रम पांच फरवरी से शुरू होगा। प्रशिक्षण के दौरान छात्राओं को साइट विजिट भी करवाया जाएगा, जिसमें वे पेयजल और सीवरेज अभियांत्रिकी (इंजीनियरिंग) का अध्ययन करेंगी। प्रायोगिक तौर पर ऑनसाइट जाकर तकनीकी

बारीकियों को समझेंगी। यूयूसडीए वर्तमान में एडीबी के वित्त पोषण से देहरादून, हल्द्वानी, विकासनगर, नैनीताल, चम्पावत, किच्छा आदि नगरों में पेयजल और स्वच्छता की मूलभूत सुविधाओं को उच्चोत्कृष्ट करने के लिए काम कर रहा है।

प्रशिक्षण में पेयजल वितरण प्रणाली के तहत सर्वेक्षण, डाटा एनालिसिस, प्रपोजल तैयार करना, परियोजना प्लानिंग, डिजाइनिंग, फार्म्यूलेशन, सोर्स एनालिसिस, ट्रीटमेंट, ट्रांसमिशन, डिस्ट्रिब्यूशन, वाटर क्वालिटी टेस्टिंग, तकनीकी समीक्षा, अभिलेखों का सत्यापन और स्वीकृति की जानकारी दी जाएगी।

## छात्र भविष्य की योजनाओं का रोडमैप करें तैयार

देहरादून। वीर माधो सिंह भंडारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय (यूटीयू) में स्टार्टअप इको सिस्टम पर कार्यशाला का आयोजन किया गया। शनिवार को कार्यशाला में विवि के संस्थापक कुलपति प्रो. वीके तिवारी ने बतौर मुख्य अतिथि शिरकत की।

उन्होंने कहा, कक्षाओं में अध्ययन के अलावा अतिरिक्त समय में भविष्य की योजनाओं का रोडमैप भी तैयार करें। उन्होंने छात्र-छात्राओं को स्टार्टअप के महत्व के बारे में भी बताया।

ऑनलाइन माध्यम से जुड़े निजी कंपनी के सीईओ राहुल रावत ने स्टार्टअप के क्षेत्र में अपने विचार व अनुभव साझा किए। रौविन नागर ने स्टार्टअप में आने वाली समस्याओं व उनके निपटारे के समाधान बताए। विवि के कुलपति प्रो. ओंकार सिंह ने कहा, छात्र स्टार्टअप के माध्यम से अपने भविष्य की कार्ययोजना पर काम करें।

विवि की ओर से स्टार्टअप के लिए यूटीयू आई-हब के माध्यम से हर संभव सहयोग किया जा रहा है। इस मौके पर दीपक राजपूत, डॉ. मनोज कुमार पाण्डा, प्रो. रश्मि पटेल, डॉ. विशाल रमोला, डा. रश्मि सैनी आदि मौजूद रहे। मा.सि.रि.

## छात्रों को बताया स्टार्टअप का महत्व

देहरादून। वीर माधो सिंह भंडारी उत्तराखण्ड तकनीकी विवि (यूटीयू) एवं डिक्कोड प्रो.सॉफ्टवेयरस के तत्वावधान में शनिवार को स्टार्टअप इको सिस्टम पर एक दिनी वर्कशॉप का आयोजन किया गया। मुख्य अतिथि विवि के संस्थापक कुलपति प्रो.वीके तिवारी ने छात्रों को स्टार्ट अप के महत्व की जानकारी देते हुए कहा कि अध्ययन के अलावा अतिरिक्त समय में योजनाओं का रोड मैप तैयार किया जाना जरूरी है।

बंगलौर के दिगांतर रिसर्च एंड टेक्नोलॉजी के सीईओ राहुल रावत ने स्टार्ट अप को लेकर अपने अनुभव रखे। रौविन नागर ने विचार रखे।

## डब्ल्यूआईटी की छात्राओं को यूयूसडीए करेगा प्रशिक्षित

जागरण संवाददाता, देहरादून: वीर माधो सिंह भंडारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय (यूटीयू) से संबद्ध महिला प्रौद्योगिकी संस्थान (डब्ल्यूआईटी) की छात्राओं को उत्तराखण्ड अर्बन डेवलपमेंट एजेंसी (यूयूसडीए) के अधिकारी प्रशिक्षण देंगे। 10 दिवसीय प्रशिक्षण कार्यक्रम पांच से 17 फरवरी तक चलेगा। प्रशिक्षण के दौरान छात्राओं को साइट विजिट करवाया जाएगा, जिसमें वह पेयजल और सीवरेज अभियांत्रिकी का अध्ययन करेंगी और प्रायोगिक तौर पर तकनीकी बारीकियों को समझेंगी।

यूयूसडीए के अंतर्गत वर्तमान में एडीबी वित्तपोषण से राज्य के देहरादून, हल्द्वानी, विकासनगर, नैनीताल, चंपावत, किच्छा आदि नगरों में पेयजल और स्वच्छता की मूलभूत सुविधाओं को उच्चोत्कृष्ट किए जाने का कार्य गतिमान है। इसी क्रम में यूयूसडीए की ओर से परियोजना कार्य के संबंध में अभियांत्रिकी में महिला प्रतिभाग को बढ़ावा देने के लिए महिला प्रौद्योगिकी संस्थान की छात्राओं को प्रशिक्षण प्रदान किया जा रहा है। प्रशिक्षण के दौरान पेयजल वितरण प्रणाली के तहत सर्वेक्षण, डाटा एनालिसिस, प्रपोजल तैयार करना, एनालिसिस, डिजाइनिंग, फार्म्यूलेशन, सोर्स एनालिसिस, ट्रीटमेंट, ट्रांसमिशन, डिस्ट्रिब्यूशन, वाटर क्वालिटी टेस्टिंग, तकनीकी समीक्षा, अभिलेखों का सत्यापन और स्वीकृति आदि विभिन्न सत्रों के अंतर्गत यूयूसडीए के अभियंता व विशेषज्ञों की ओर से प्रशिक्षित किया जाएगा।

इसके अतिरिक्त स्वच्छता और सीवरेज नेटवर्क प्रणाली के तहत वेस्ट वाटर इंजीनियरिंग सर्वेक्षण, डाटा कलेक्शन, टोपोग्राफी सर्वे, जियो टेक्नीकल एनालिसिस, परियोजना फिजिबिलिटी के विषय में

- यूयूसडीए के अधिकारी छात्राओं को पांच से 17 फरवरी तक प्रशिक्षण देंगे
- तकनीकी शिक्षा के साथ प्रयोगात्मक प्रशिक्षण से महिला सशक्तीकरण को संवल मिलेगा

व्यवहारिक जानकारी प्रदान की जाएगी। साथ ही निर्माण सामग्री एवं निर्मित इंफ्रस्ट्रक्चर की क्वालिटी का अध्ययन करेगी और स्काटा तकनीकी में आटोमेशन की भूमिका के बारे में बताया जाएगा।

प्रशिक्षण के लिए छात्राओं की संख्या को ध्यान में रखते हुए दो बैच तैयार किए गए हैं। दोनों बैचों के तकनीकी पाठ्यक्रम की छात्राओं को बंगलावाला क्षेत्र में गतिमान पेयजल और सीवरेज परियोजनाओं में प्रैक्टिकल फील्ड ट्रेनिंग दी जाएगी। जहाँ वे निर्माणधीन पेयजल परियोजना के तहत ओवरहेड टैंक सहित ऑफिस कम्प्लेक्स, डिस्ट्रिक्ट मीटर एरिया के पेयजल नेटवर्क के अलावा निर्मित सड़कों में वाटर ड्रेनेज के संबंध में ज्ञान प्राप्त करेंगे। यूयूसडीए के अपर कार्यक्रम निदेशक विनय मिश्रा ने बताया कि इस प्रकार के कार्यक्रम आगे भी आयोजित किए जाते रहेंगे, ताकि राज्य में अभियांत्रिकी शिक्षा में महिला सहभागिता को बढ़ावा मिल सके। यूयूसडीए का उद्देश्य यह भी है कि महिलाएं परंपरिक व्यावसायिक कार्यों के इतर तकनीकी एवं प्रौद्योगिकी के क्षेत्र में भी बड़ चढ़कर प्रतिभाग करें।

## भविष्य की योजनाओं के लिए रोडमैप तैयार करना जरूरी

■ सहारा न्यून ब्यूरो

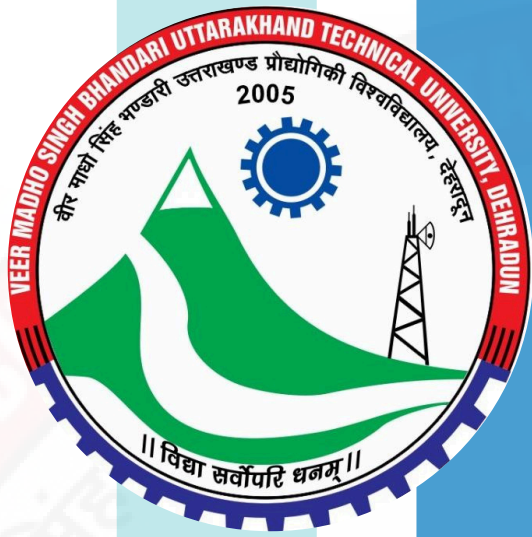
देहरादून। वीर माधो सिंह भंडारी उत्तराखण्ड प्रौद्योगिकी विश्वविद्यालय (यूटीयू) और डिक्कोड प्रो.सॉफ्टवेयरस देहरादून के तत्वावधान में शनिवार को स्टार्टअप इको सिस्टम पर एक दिवसीय सत्र मार्ग 1.0 का आयोजन किया गया।

कार्यक्रम में फाउंडर एंड सीईओ-दिगानर रिसर्च एण्ड टेक्नोलॉजी बंगलौर राहुल रावत ने अपने अनुभव छात्रों से साझा किये। वहीं, रौविन नागर फाउंडर एंड सीईओ-वैली कल्चर इण्डिया ने छात्रों के बीच अपने वास्तविक जीवन में आयी विभिन्न समस्याओं के बारे में बताया और फिर उन समस्याओं से निपटने के समाधान स्टार्टअप के माध्यम से ढूँढने के तरीके छात्र-छात्राओं से साझा किए। विवि के कुलपति प्रो. ओंकार सिंह ने

स्टार्टअप इको सिस्टम पर एक दिवसीय सत्र मार्ग 1.0 का आयोजन

कार्यक्रम में फाउंडर एंड सीईओ-दिगानर रिसर्च एण्ड टेक्नोलॉजी बंगलौर राहुल रावत ने अपने अनुभव छात्रों से साझा किये। वहीं, रौविन नागर फाउंडर एंड सीईओ-वैली कल्चर इण्डिया ने छात्रों के बीच अपने वास्तविक जीवन में आयी विभिन्न समस्याओं के बारे में बताया और फिर उन समस्याओं से निपटने के समाधान स्टार्टअप के माध्यम से ढूँढने के तरीके छात्र-छात्राओं से साझा किए। विवि के कुलपति प्रो. ओंकार सिंह ने

कहा कि स्टार्टअप के माध्यम से अपने भविष्य की कार्ययोजना पर काम करें। उन्होंने छात्रों को स्टार्टअप, इन्वेस्टमेंट और रिसर्च पर कार्य करने को प्रोत्साहित किया और विश्वविद्यालय की तरफ से स्टार्टअप के लिए यूटीयूआई-हब के माध्यम से हरसंभव सहयोग का आश्वासन दिया। कार्यक्रम में दीपक राजपूत, रौशन मोंगा फाउंडर्स डिक्कोड प्रो. सॉफ्टवेयरस देहरादून, महिला प्रौद्योगिकी संस्थान निदेशक डॉ. मनोज कुमार पाण्डा, परीक्षा नियंत्रक प्रो. वीके पटेल, डॉ. विशाल रमोला, डा. रश्मि सैनी, विवि के शिक्षक व छात्र-छात्राएं मौजूद थे।



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