



ESTD. 1995

TECHKRITI'24

INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

14TH - 17TH MARCH, 2024

ASIA'S LARGEST TECHNICAL AND ENTREPRENEURIAL FESTIVAL

FESTIVAL AFFAIRS COMMITTEE



Amitabha Bandyopadhyay

FAC Member
Techkriti'24



Dr. Manindra Agrawal

Festival Chairman
Techkriti'24



Dr. Satyaki Roy

FAC Member
Techkriti'24

ODYSSEY OF TECHKRITI

Indian Institute of Technology, Kanpur, celebrated internationally as the center of academic excellence and knowledge exchange, announces the 30th edition of Asia's Largest Technical and Entrepreneurial fest, Techkriti'24.

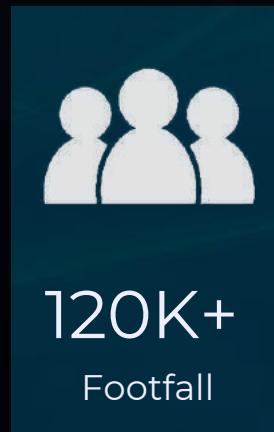
Over the years, Techkriti has inculcated the exponent of exuberance and creativity within every passionate student to develop their technological quotient. It fostered the ray to fortify young entrepreneurs, a substantial indicator for nation-building. Recognized as the precursor of innovative thoughts, the festival has established its position as one of the largest technical festivals in Asia. Techkriti has gained worldwide status as a technical and entrepreneurial symposium for developing cutting-edge technologies and implementations.

The vision of Techkriti'24 is to come up with exemplary innovations and technology that will be instrumental to the central issue pertaining to society, the environment and the present education system. Techkriti also heralds the ideas of "practicality and feasibility"- an essence of innovation and a vibrant community. Techkriti 2023 has worked on every aspect, from inspiring to entertaining students with fascinating talks of Nobel laureates, exhibitions on the latest technology, and competitions that explore one's wisdom and get gut-busting frolic. Techkriti'24, while reminiscing the feat achieved over the years, brings forward an exemplary matrix forged through years of dedication, efforts and innovation. After exposing a plethora of possibilities in the field of science and technology, the time has aligned itself to leap into a fascinating realm where innovation, technology and creative ideas can flourish. So saddle up and prepare your breakthrough spark rolling for a voyage aimed at successfully implementing our vision and brilliance at IIT Kanpur.

"Just as energy is the basis of life itself and ideas the source of innovation, so is innovation the vital spark of all human change, improvement and progress."

WHO WE ARE

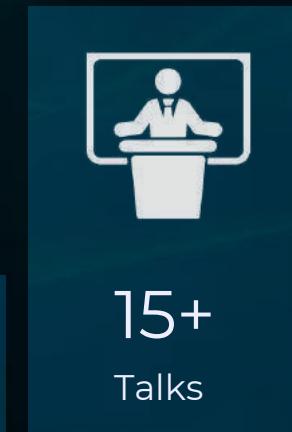
Indian Institute of Technology, Kanpur is one of the world's premier science and engineering schools and undoubtedly the most dignified educational institution in India. Techkriti is the annual Technical and Entrepreneurial festival of IIT Kanpur, which has its roots laid in almost all parts of the country and even internationally. Lately, Techkriti has become one of Asia's most prominent and zestful student festivals.



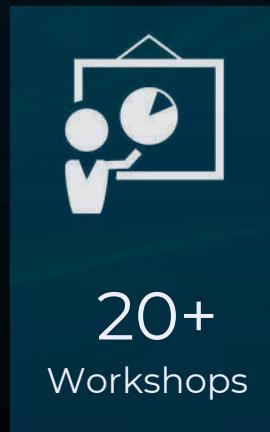
1000+
Ambassadors



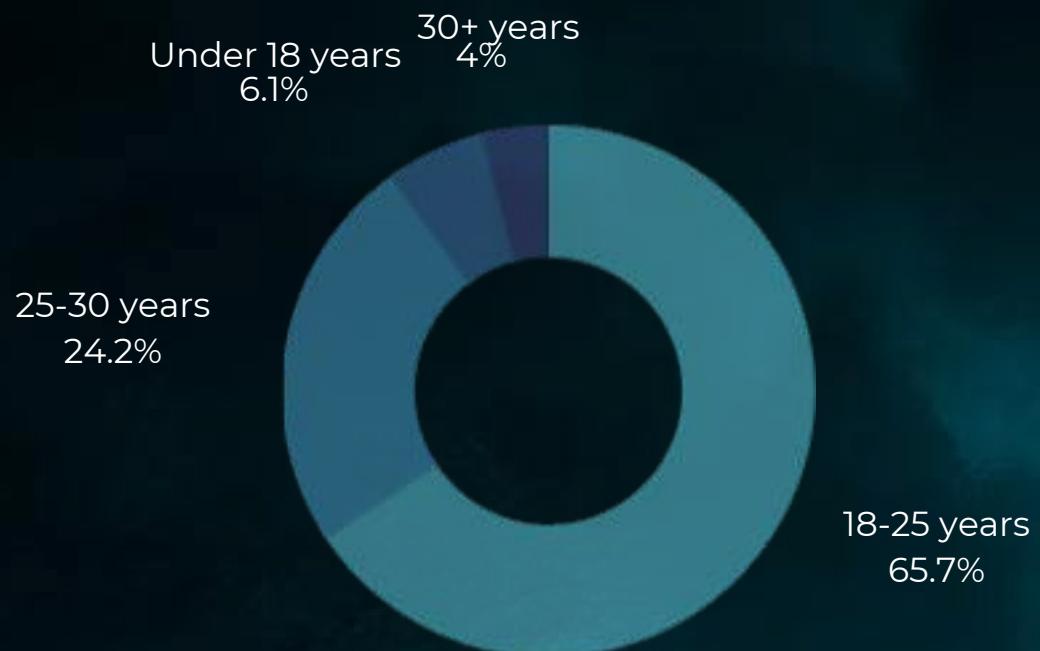
35+
Exhibitions



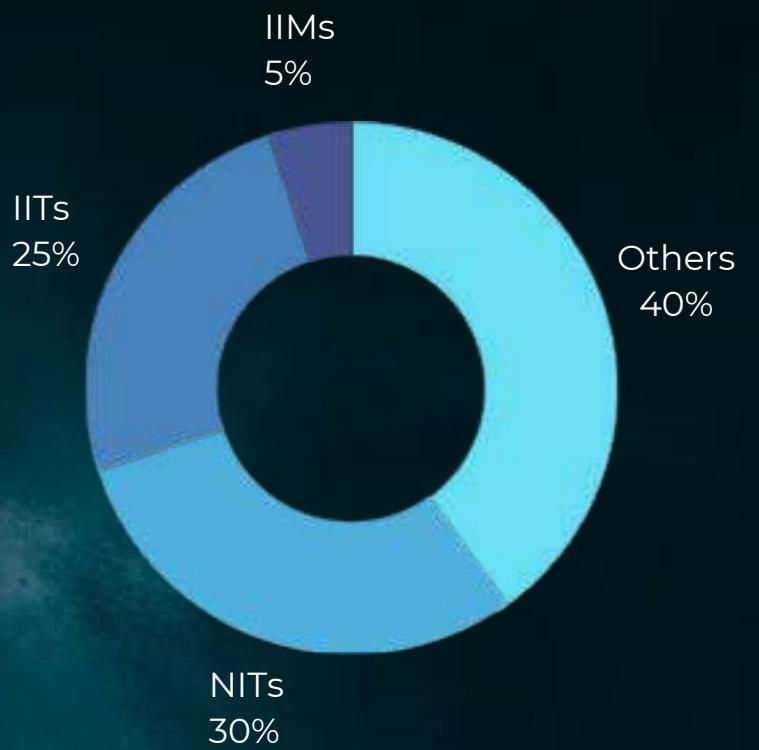
1K+
International
participants



Age wise Distribution



Participant Distribution



A river cuts through a rock
not because of its power but
its persistence.

<<< REACH

120K+

Footfall

15K+

Web and App
users

1M+

Social Media
Reach

925K+

Facebook Likes

30M+

Eyeballs

PATRONAGES BY



<<< SOCIAL CAMPAIGNS

INITIATIVES

BLOOD DONATION

Started for a noble cause, Raktarpan provides a support to solve the problem of blood shortage in the country by uniting youth, organizing camps and running a helpline number.



CYCLOTHON

Cyclothon in the Techkriti family is mainly aimed towards creating awareness about exercise and healthy lifestyle.



HEALTH CAMPS

Health camps aims at building awareness regarding common ailments, nutrition, hygiene and sanitation. These camps provide comprehensive health services free of cost.

MAKE A WISH

A campaign in which we asked each child of an orphanage to 'Make A wish' and gave our best to fulfill those wishes via donations from the benevolent public.

<<< SOCIAL CAMPAIGNS

BLISS

(Brightening Lives by Igniting Social Support)

Our society has a visible dissimilitude between the privileged and underprivileged segments. Techkriti strongly believes that a meaningful and pertinent effort in the direction can bring a radical positive change in society. This year too, we continue the tradition of our social initiative- B.LI.S.S. (Brightening Lives by Igniting Social Support), intending to enlighten and touch the lives of overlooked brackets of society by providing support and care with the belief of spreading smiles.

BLISS started its journey with old age home visits, where we interacted with our senior citizens to make them realize that they are still needed and still there is someone to care for them.

Under the umbrella of BLISS, we also organized a 'Run for a cause' marathon in the wake of recent floods in Kanpur villages. We aimed to reward athletic talent and promote building sports facilities.



Gramin Marathon



Cloth Donation Drive

<<< SOCIAL CAMPAIGNS

HOPE

(Handing Opportunities by Promoting Education)

Techkriti has always been working towards the betterment of society. We have recently launched our social initiative, HOPE (Handing Opportunities by Promoting Education), intending to promote education for all, especially the underprivileged section of society. It primarily aims to promote technical and non-technical education with the opportunities to explore the world.

HOPE started its journey with a theme-based poster-making competition organized for school students in collaboration with Prayas, an IIT Kanpur organization working towards providing education to marginalized kids in and around our campus.

HOPE will continue to nurture the lives of the underprivileged by working on the following events.



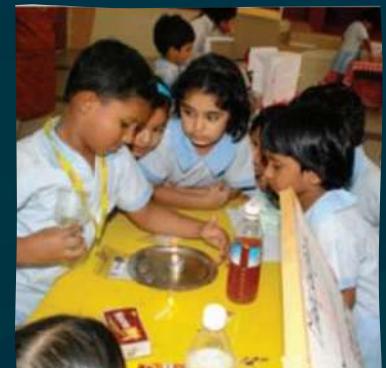
Poster Making Competition



Establishing Computer labs in Schools



Sponsoring Education for Financially Backward Children



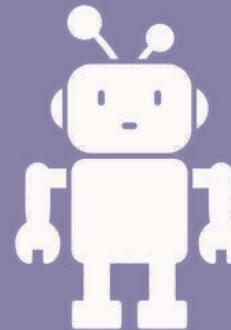
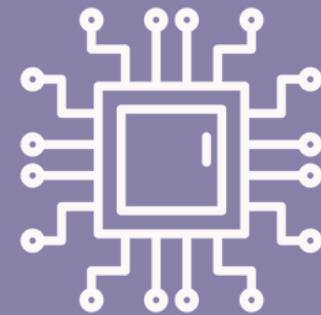
Demonstrating Science Experiments

<<< GLOBAL EVENTS

EVENTS

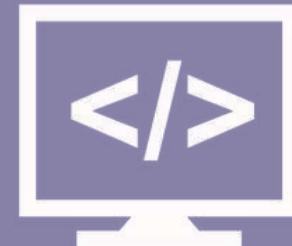
ECDC

Electronics Circuit Design Challenge gives you the opportunity to build your own Embedded Systems and achieve design goals like speed and accuracy.



IOPC

International Online Programming Contest is where each coder whacks his brain to code solutions to given problems.



IARC

International Autonomous Robotics Challenge is one of the flagship events which is based on the concept of line-following, wall following and object counting.

TIC

Techkriti Innovation Challenge encourages an "out of the box" approach in making possible the Impossible where only sky is the limit to your imagination.

««« COMPETITIONS

KEY EVENTS

MASTER TRADER

Build up your portfolio, predict its profit and bring your financial knowledge and technical skills to the fore-front in the search of the true master trader.

ROBO GAMES

Have you ever wondered, when the formidable robots will clash? Test your love for robots and prove your mettle in Asia's largest Robotics Arena.

TAKEOFF

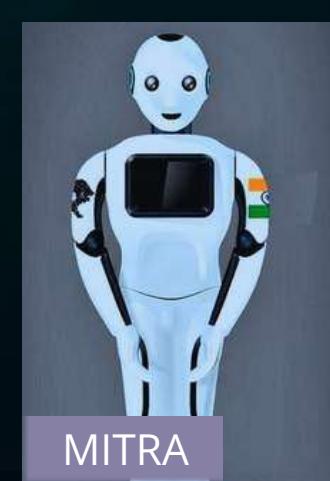
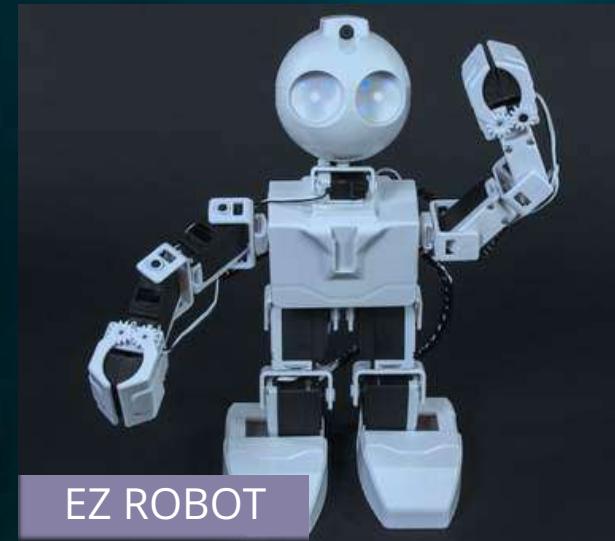
Chase your dreams to fly high with hovercrafts, aircrafts and rockets with huge prizes at stake.

BUSINESS

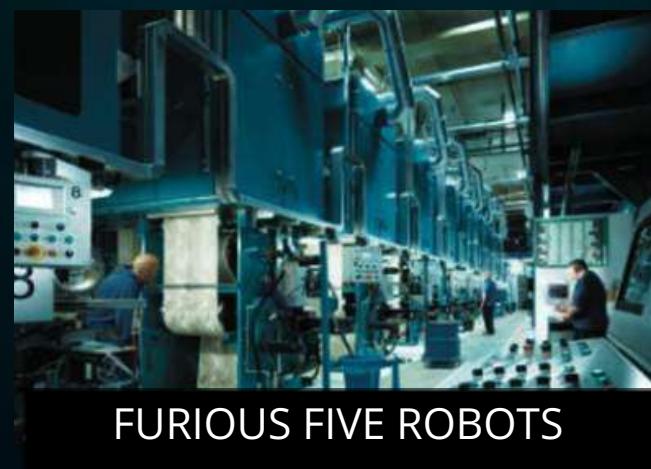
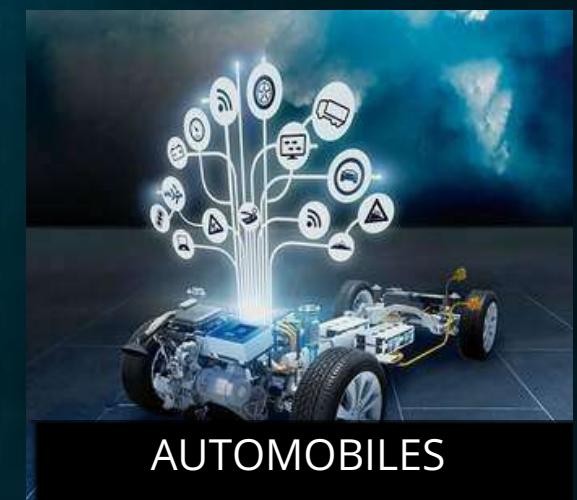
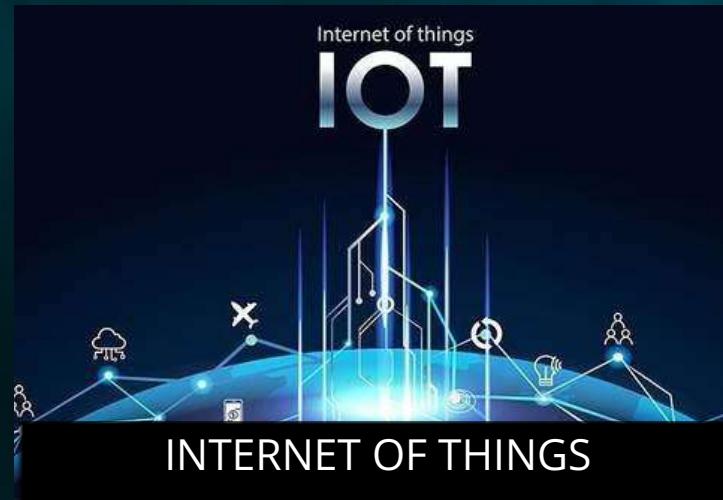
Look at the world from a viewpoint which is beyond the presumed physical laws of thinking outside the box.

EXHIBITIONS

IGNITING SPIRIT OF INNOVATION



<<< WORKSHOPS



INDUSTRY 4.0 SUMMIT

Introduction

An era concludes, and the following groundbreaking epoch surfaces, thus bringing the fourth industrial revolution into the vantage, Industry 4.0. Industry 4.0 encompasses four significant components, namely, cyber-physical systems, the Internet of things, cloud computing and cognitive computing, forming smart factories. Within these modular structured smart factories, cyber-physical systems monitor physical processes, create a virtual copy of the physical world, and make decentralized decisions. Over the Internet of things, the designed cyber-physical systems interact with each other and humans in real-time internally and across organizational services, forming an integral component of the value chain. The next fascination revolves around Artificial Intelligence, the key driving factor behind the Industry 4.0 revolution to spearhead and advance into the future. Techkriti envisions this revolution and brings you the unprecedented technical summit with the theme: Industry 4.0. It will be the most exciting.



8
Talks



4
Workshops



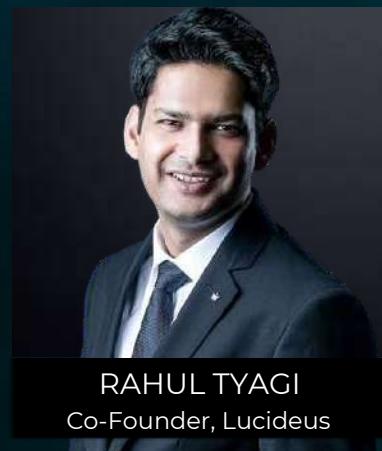
2
Panel
Discussions

INDUSTRY 4.0 SUMMIT

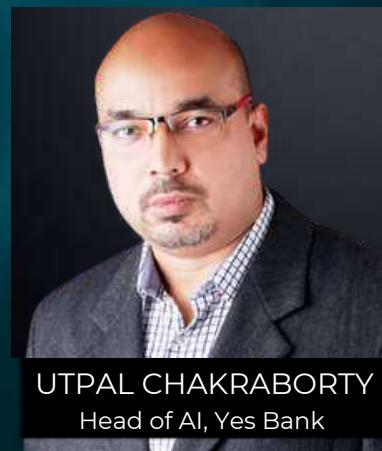
Talks



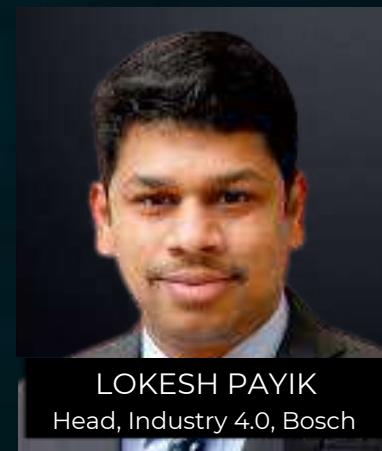
SAINENDRA KUMAR
VP & Chief Evangelist, SAP



RAHUL TYAGI
Co-Founder, Lucideus

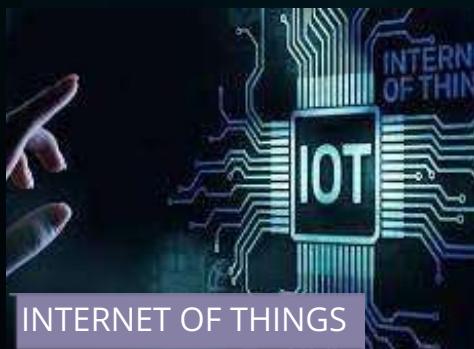


UTPAL CHAKRABORTY
Head of AI, Yes Bank



LOKESH PAYIK
Head, Industry 4.0, Bosch

Workshops



INTERNET OF THINGS



BLOCKCHAINS



CLOUD COMPUTING



DEEP LEARNING



Conducted as a part of the main fest to ignite the spark of entrepreneurship among the youth, organized by Techkriti, IIT Kanpur, which plays a pivotal role in shaping the nation's economy. E-Conclave houses the Talks, Panel Discussions, Workshops, and Competitions revolving around the business and entrepreneurial world.

While *Startup Expos* could be found happening simultaneously around the corner, the Competitions, including *Upstart Pioneer*, *Pitch Premier* and *Stockism*, could be found testing the business acumen of the next generation of Entrepreneurs. Startups had the opportunity to pitch and receive spot funding in the presence of respectable angel investors and Venture Capitalists, Sandeep Singhal, Shashank Randev, Anju Gupta.

VENTURE CAPITALISTS



SANDEEP SINGHAL

Co-founder, Nexus Venture Partners and Senior
advisor at Avaana Capital



SHASHANK RANDEV

Founder VC at 100X.VC



ANJU GUPTA

Co-Founder and President at IvyCamp, and
other dignitaries



Startup Expo



Competitions



Talks



Panel Discussion



Workshops



TECHKRITI OPEN SCHOOL CHAMPIONSHIP

Techkriti Open School Championship is an annual school aptitude examination for classes 6th to 12th, conducted and organized by Techkriti, IIT Kanpur. Our mission is to strengthen and cultivate our nation's talent at the grassroots level. Through a series of events involving mental aptitude, logic and scrutiny, it seeks to provide school students a platform to build real experience and knowledge, exercise coordination skills, and think out of the box.



Cities



Rounds



Schools



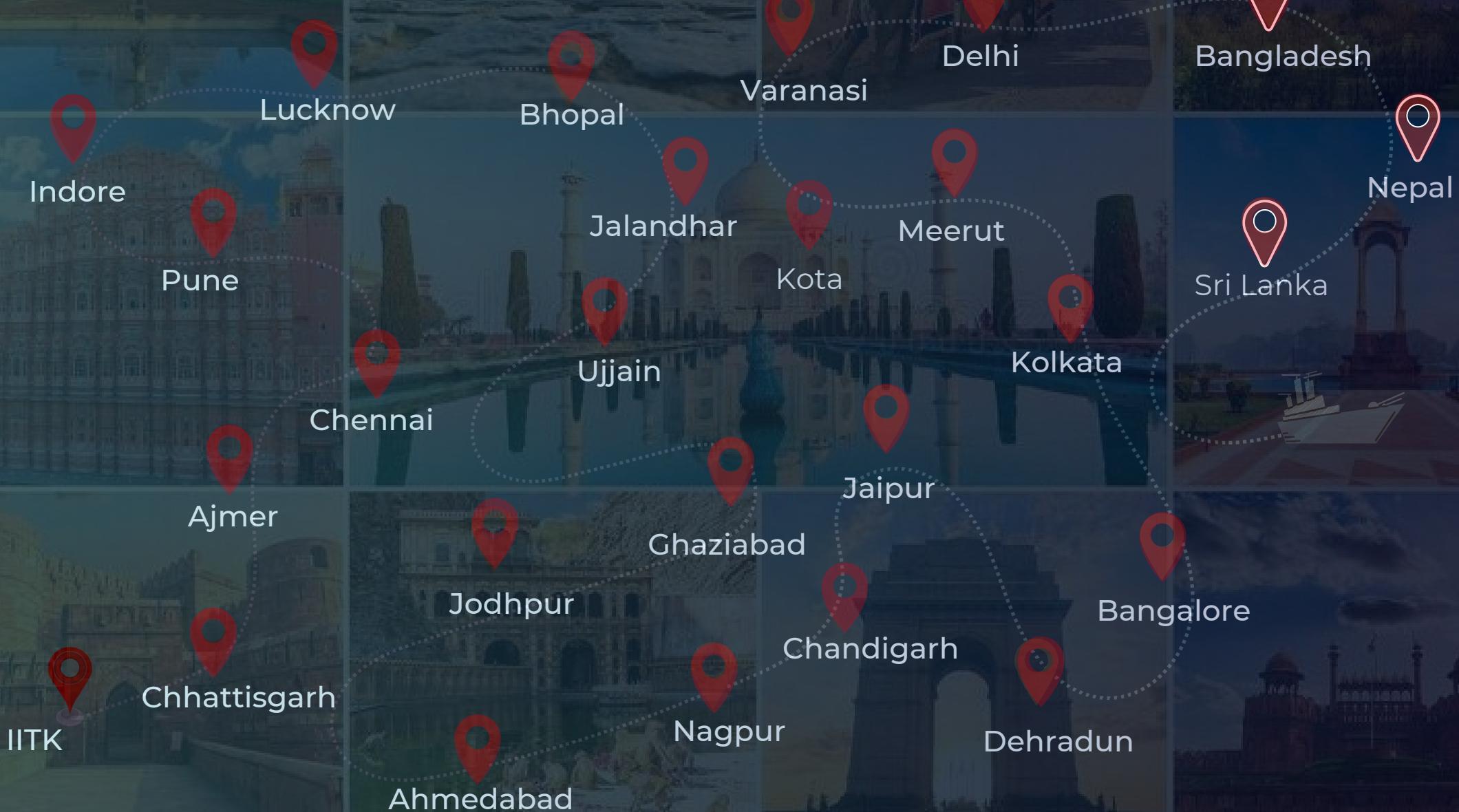
Participants

TECHNOCRUISE

Technocruise is the pre-festival Zonal event of Techkriti which comprises prelims rounds of major competitions and professional technical workshops on cutting-edge technologies. Technocruise spanned over 100 major cities in India in previous years.

In the past editions, we witnessed the participation of over 30,000 in workshops and events from nearly 300 colleges from all over India. This year we are expecting a pulsating boom in this number.

MAJOR LOCATIONS



PRELIMS



IARC



SOCCON



MULTI-ROTOR

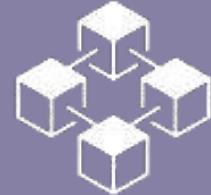


MANOEUVRE

WORKSHOPS



Ethical
Hacking



Block Chain



Bluetooth
Robotics



Internet
of Things

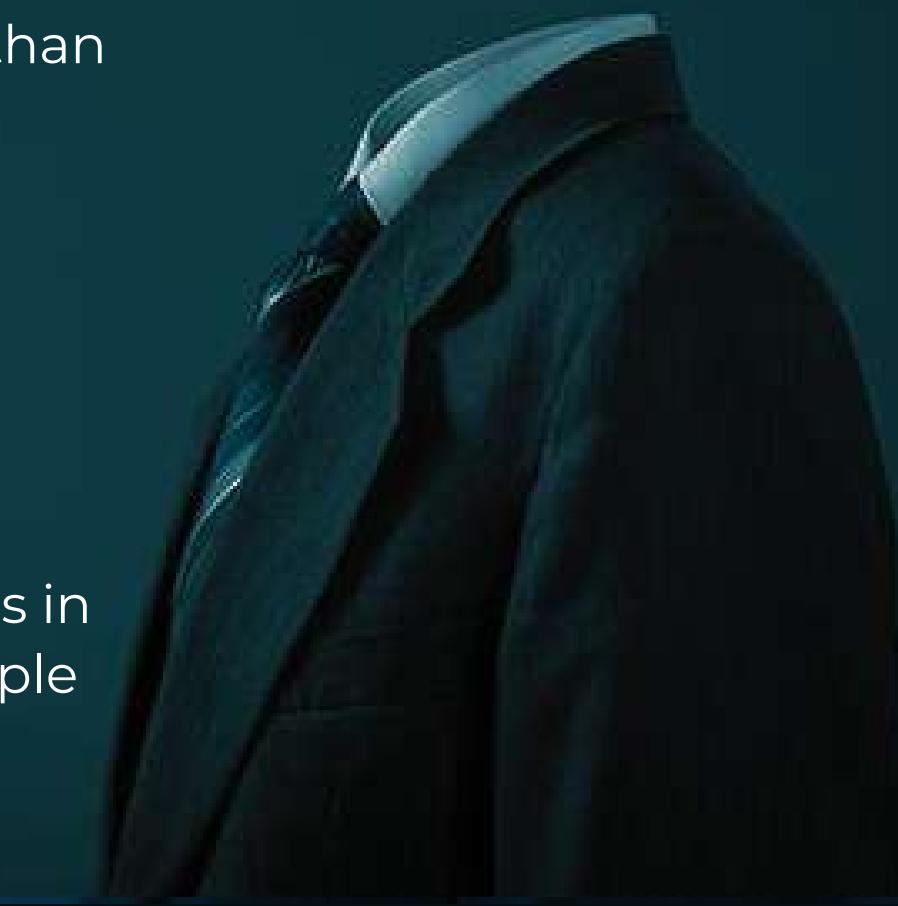
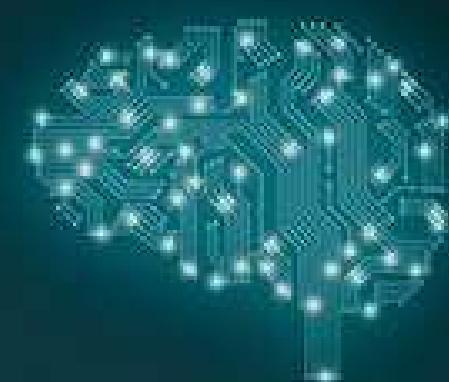


Machine
Learning

CAMPUS AMBASSADOR

The CA programme offers a golden opportunity for students from different colleges to be a part of Asia's Largest Technical and Entrepreneurial festival. Every year, Techkriti appoints more than 1000+ campus ambassadors from various colleges across the nation as part of the CA program.

These ambassadors' primary duty includes promoting Techkriti inside and outside their college while entitling them to hone their management and organizational skills. It aids in fostering the network edifice with other people as well.



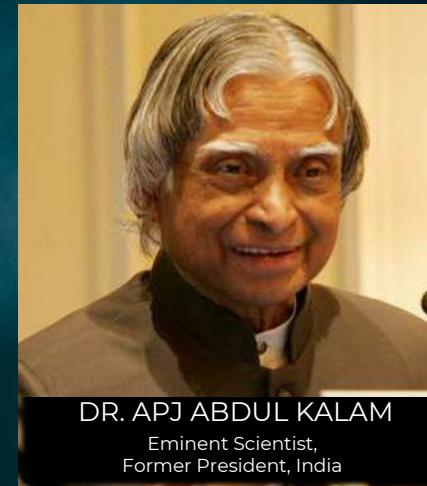
SPREADING EXCELLENCE



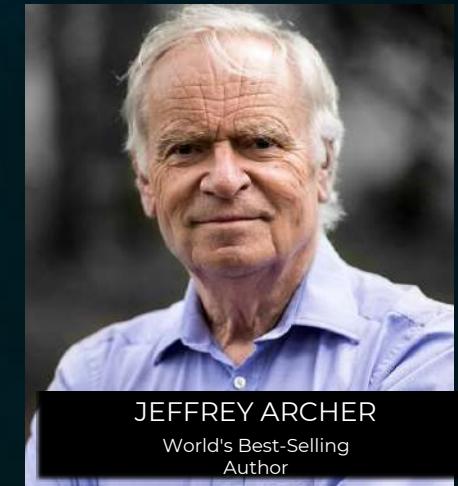
MEDHA PATKAR
Founder member of
Narmada Bachao Andolan



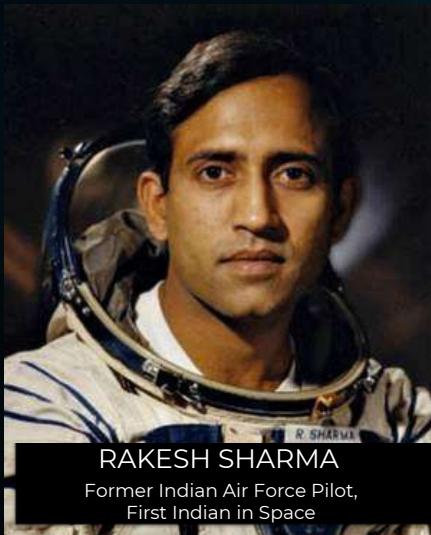
MK AMIR PERETZ
Former Deputy Prime Minister,
Israel



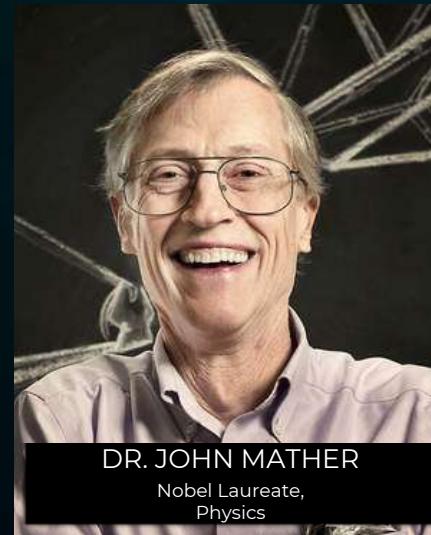
DR. APJ ABDUL KALAM
Eminent Scientist,
Former President, India



JEFFREY ARCHER
World's Best-Selling
Author



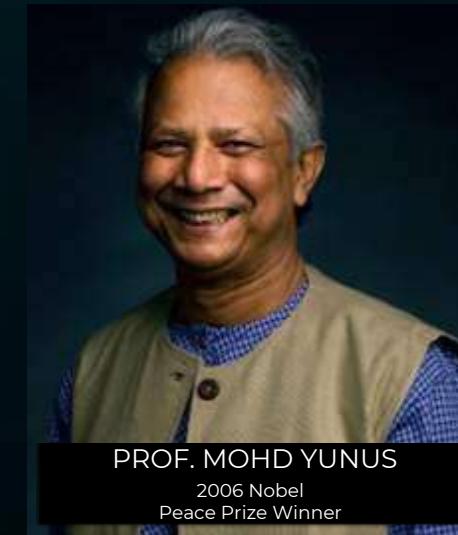
RAKESH SHARMA
Former Indian Air Force Pilot,
First Indian in Space



DR. JOHN MATHER
Nobel Laureate,
Physics



ARCHANA SHARMA
The only scientist involved in
Discovery of God Particle



PROF. MOHD YUNUS
2006 Nobel
Peace Prize Winner

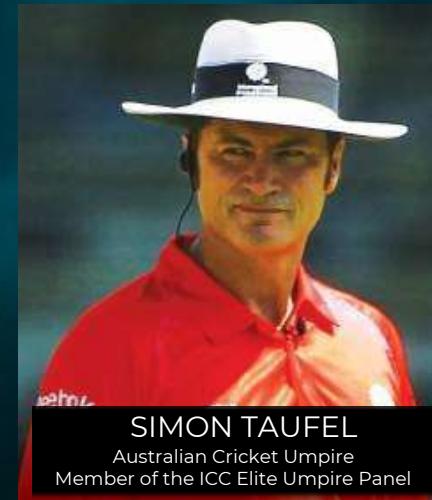
SPREADING EXCELLENCE



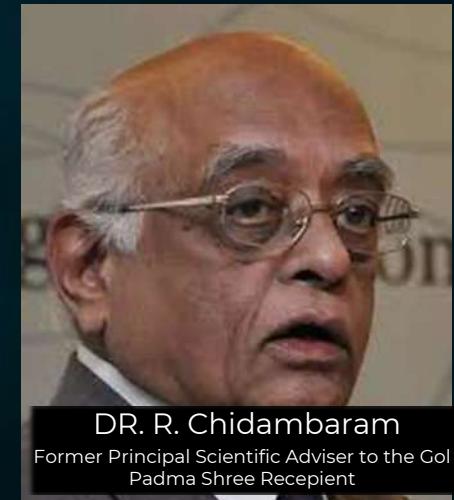
BIRENDER SINGH DHANOA
Air Chief Marshal
Ex-Chief of Air Staff IAF



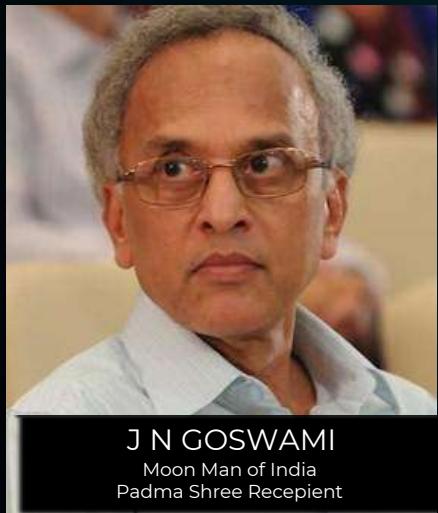
RAJAT SHARMA
Chairman and Editor-in-Chief, India TV
Padma Bhushan Recipient



SIMON TAUFEL
Australian Cricket Umpire
Member of the ICC Elite Umpire Panel



DR. R. CHIDAMBARAM
Former Principal Scientific Adviser to the GoI
Padma Shree Recipient



J N GOSWAMI
Moon Man of India
Padma Shree Recipient



BJARNE STROUSTRUP
Founder of
C++ programming language

BOLLYWOOD NIGHTS

A dynamic night scene at a festival or concert. The sky is filled with bright, colorful lights from fireworks and stage effects. In the foreground, there's a dark, textured surface that looks like a stage or a path through a crowd. The overall atmosphere is festive and energetic.

With music, beats and rhythm proliferating the spirits of the festival, thousands are found swaying in the exuberant ambience fabricated by the Bollywood Nights. Enliven by the aura of famous personalities like Sonu Nigam, Shaan and Farhan Akhtar, the festival sees its nights concluding with a spinning, hopping, and twirling crowd!

<<< PRONITES



SONU NIGAM



FARHAN AKHTAR



KAILASH KHER



KK



BENNY DAYAL



SHAAN



POETS OF THE FALL

EDM NIGHTS



Stirring the mood of celebration all around, the EDM nights are set with its base and beats to give the crowd a rave and the craziest night. Popular DJs furthermore brighten the fire, decorating Techkriti's legacy with yet another tantalizing page.

EDM NIGHTS

TIMELESS CELEBRATIONS



NUCLEYA



MORGAN J



DJ MARNIK



BELTEK



ZEPHYRTONE



WILLY WILLIAMS

COMEDY SHOWS

A photograph of a comedy show. In the foreground, the dark silhouettes of audience members are visible. On the stage, a male comedian with a beard, wearing a patterned shirt and dark pants, stands facing the audience. He holds a microphone in his right hand and has his left hand near his chest. The stage is lit with warm, focused lights, and the background is a dark theater setting.

Techkriti is not unknown to, "*Life is better when you're laughing.*"

Hence, the comedy shows witness the rabble guffawing uproariously alongside witty artists armed with hilarious puns and humorous jests. The only rule being, no holding back anymore when a hearty laugh awaits right ahead!

<<< COMEDY SHOWS

TIMELESS CELEBRATIONS



VIPUL GOYAL



NISHANT SURI



ZAKIR KHAN



SAHIL SHAH



KANAN GILL



SAPAN VERMA

<<< FUN-T



ZORBING



ARCHERY



LASER TAG



PAINT BALL



SUMO WRESTLING



HOT SPOT
WIN BIG MONEY!
ADMIRAL

<<< MEGA WORLD



TREASURE HUNT



TAMBOLA



BLIND DATE



POKER



PUZZLEMANIA

BRANDING AVENUES

Chance Of A Lifetime For The Young Curious Minds To Witness ISRO With TOSC, IIT Kanpur

Kanpur (The Hawk): IIT Kanpur stands tall among the list of premier institutions of the world and has always been a place to drive and support the winds of innovation. It always puts forward one platform or the other for students to showcase their talents. This is evident from all the outstanding achievements in the field of technology. To bring this spirit of innovation to our budding community, i.e., the school students of India, IIT Kanpur, on the 28th edition of its annual technical and entrepreneurial extravaganza, Techkriti '22 brings to you a new and revamped version of Techkriti Open School Championship (TOSC). Contrary to other competitive examinations, instead of just academic aptitude, TOSC focuses on innovation and pragmatism while dealing with real-life problems. It aims at strengthening mental aptitude, logic and scrutiny, providing a platform to build fundamental experience and knowledge, and exercising coordination skills while providing solutions never thought of before. The second edition of the competition was held on 20-21st Jan 2021.

AMU Scientists Invent NEWSPAPER



FLOOR BRANDING



MEGA BANNERS



AUDIENCE

TECHKRITI
TRANSCENDING ORIGINS
24TH - 27TH MARCH

TECH TALKS
Consciousness and Artificial Intelligence
27 MARCH @ 03:00 PM
Susan Blackmore
Psychologist

SPONSORS: GRAVITON, JK SUPER, Mouser, ALTAIR, D-Link, VOUCH PRO, POWERSTARS, BIO

WORKSHOPS

Startup and Entrepreneurship
Robotics
Android Development
Data Analytics
Python Programming
Ethical Hacking
Cryptocurrency
Machine Learning
Artificial Intelligence

Register now at <https://techkriti.org/>

MAGAZINE ADS

BRANDING AVENUES



BANNERS



AIR BRANDING



DROP DOWN



CUBE PYRAMID



HOSPITALITY BOOKLET



HOARDINGS

BRANDING AVENUES



MONSTER GATE



LED SCREEN BRANDING



MONSTER HOARDING



BACK DROP

<<< BRANDING AVENUES



T-SHIRT BRANDING



MARKETING STALLS



FLAG BRANDING

<<< MEDIA COVERAGE

TECHKRITI IN NEWS

The image shows a news article from the 'Higher Education Digest' website. The main headline reads: 'IIT Kanpur's Techkriti'22 explored new horizons in technology and business ecosystem with the presence of Nobel laureates et al'. Below the headline is a photograph of a man speaking into a microphone on stage. To the right of the article are several smaller images of people, likely Nobel laureates, and a sidebar titled 'THE HIGHLIGHTS THIS WEEK'.

The image is a promotional poster for Techkriti 2018. At the top, there are several logos: Reliance, OX LABS, and others. The main title "TECHKRITI" is prominently displayed in large letters, with "PRIDE OF PREDICULATI" underneath. Below the title, there are three sections featuring speakers: "WILL.I.AM" with a stylized "W" logo, "MARNIK" with a portrait of the speaker, and "BISWA KALYAN RATH" with a portrait of the speaker. Each section includes the date "MARCH 18" and the venue "PRONITE GROUND". At the bottom, the dates "15 - 18 MARCH | IIT KANPUR" are written. The poster also features a sidebar with a portrait of Narendra Modi and a banner for "Join Nat". On the right side, there are several logos for sponsors: Reliance, OX LABS, Microsoft, SAP, Mahindra, Airbus, VMware, Intel, Bosch, and others. A small "Press" button is located in the bottom right corner.

A screenshot of the Hindustan Times website homepage. The header includes navigation links like 'Explore', 'Search', 'Gensus', 'ePaper', and 'Log In'. The main headline reads 'Techkriti'22: IIT Kanpur's annual fest explores new horizons in tech.' Below the headline is a brief description and a video thumbnail showing a man speaking.

IIT-K's annual fest explores new horizons in tech, biz eco-system

UKNOW? The Indian Institute of Technology, Kharagpur (IITK), hosted the 28th edition of its annual festival Techkriti '22, which is also Asia's largest technical and entrepreneurship festival, from March 25 to 27 at hybrid (both offline and online) Techkriti has been a platform where ideas are exchanged and discussions take shape to take research and innovation one step further. The amalgamated discussions on the *4Vs* versus the new *4Vs* may resonate with the theme. This would not only zero wealth concentration and zero unemployment.

The prominent participants in this year's event included Nobel laureates, scientists, technocrats and many other dignitaries from across the globe. The conference also sought to groom future leaders but would also give space to contentious ideas of young entrepreneurs and technology enthusiasts."

various fields. With the theme "Transcending Origins", the prestigious institute offers a platform for scholars, practitioners and experts to discuss and explore various crucial aspects of business development, start-ups and entrepreneurial ecosystem and evolving technologies.

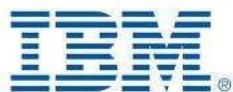
Scheduled for the three-day event where experts from various disciplines and fields share their findings, discussions, and research on "Innovate in Techdriv", Jagatjyoti Nobel Institute, Muhammad Yunus, who was awarded the Nobel Prize for Peace in 2006 for his work on the Grameen Bank and

Faculty coordinator was prof Amritabha Banerjeepathak, department of biological sciences and bioengineering (BSE), IIT Kanpur. Prof Abhay Kumar, director, IIT Kanpur, said, "The three heroes he talked about are zero carbon emission, health and well-being." The three-day event housed various workshops, competitions and exhibitions along with talks in a dynamic virtual platform.

<<< SPONSORS



<<< SPONSORS



<<< MEDIA PARTNERS



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Vihan Kochatta

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vihan@techkriti.org

<<< TESTIMONIALS

An alarm clock that runs on water, robots that play water polo, a plane flying contest. It's not a sci-fi movie, it's all happening at IIT Kanpur's Techkriti.

-CNN-IBN

Techkriti at IIT Kanpur, the birthplace of technology and innovation.

-ET NOW

The program was very educational, worth while diverse. I usually speak at architectural conferences, and to join technology conference that has such diversity of speakers was fantastic. Astronauts to economists, the diversity was great.

-Marshall Sharbala, Architect, Burj Khalifa

One of the biggest Entrepreneurial and Technical festivals in Asia.

-The Times of India