



Institution's Innovation Council
Saurashtra University

Celebration of National Technology Day

SCHOOL TO START UP

“IGNITING YOUNG MINDS TO INNOVATIVE”

11 May 2023

At

Pragati Maidan, New Delhi

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Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

Event Schedule



Event Registration Link

<https://www.youtube.com/watch?v=TWWNzxfufw0>

Brief about Event

Prime Minister Shri Narendra Modi inaugurated the programme marking National Technology Day 2023 at Pragati Maidan in New Delhi on May 11, 2023 from 10:30 am. During the programme the Prime Minister also inaugurated the Expo showcasing scientific & technological advancements made in India Event started by welcome speech. The prime minister was welcomed with a token of gratitude.

Then Dr. Jitendra Singh minister of state for science and technology of India Address the event. Before 2014 in India only 400 start-ups but now more than 97000 start-ups and 115 Unicorns in India. India ranks globally 3rd in start-up ecosystem. India ranked 40th position in the global innovation index. Previous 2014 Indian economy was 10 billion dollars at present it is 80 billion dollars. In 2023 Indian government take important decisions like India's space policy 2023, National quantum mission and also start Atal innovation mission, Atal tinkering lab because from childhood student can think about innovation and start-ups.

After that defence minister of India Shri Rajnath Singh give useful information. he said in 1998 leadership of Atal Bihari Vajpayee under "Operation Shakti" how India showed strength in Pokhran desert. He added Our country is a country of peace loving and cultured civilization. Our country has given the message of peace to the whole world. Peace men like Buddha and Gandhiji are the gift of this country. This country is a country that believes in "Vasudhaiva Kutumbakam" and "Ahinsa Parmo Dharma" religion. Our university has not only taught knowledge to the students of the country but also from abroad, in which the name of Nalanda can be taken prominently. In this country, we have seen that those who hold scriptures in one hand for the spread of knowledge, in the other hand also hold weapons for the destruction of adharma. India, passing through the phase of demographic dividend, possesses a powerful human resource, which has guided it to a respectable position on the world stage. He called for optimum utilization of this human resource to achieve the goal of a strong, prosperous and developed India. Under the leadership of Prime Minister Shri Narendra Modi, we are moving forward with the resolve of "Jai Jawan, Jai Kisan, Jai Vigyan and Jai Anusandhan." We have risen in stature on the global stage and the world is witnessing a new ray of hope in India. Science has a very important role in the progress of any nation and it has been said that science is the source of power. When we promote scientific approach in the country, then the nation not only progresses, but it also inspires our young generation to move forward. We will be fully successful in this vision of ours and will take further steps to build a new India.

Addressing the programme, the Prime Minister said that May 11 is one of the most prestigious days in the history of India. When Indian scientists achieved a spectacular feat in Pokhran that made the entire country proud. I will never forget the day when Atalji announced India's successful nuclear test, the Prime Minister remarked. He said that the Pokhran nuclear test not only helped India prove its scientific capabilities but

also enhanced the nation's global reputation. We have never stopped in our journey and never surrendered to any challenge that came our way. The Prime Minister extended his greetings to every citizen on the occasion of National Technology Day. Speaking about LIGO-India, the Prime Minister described LIGO as one of the leading science and technology initiatives of the 21st century. The observatory will bring new research opportunities for students and scientists. Today in the early period of Amrit Kaal, the goals of 2047 are clear before us. We have to make the nation a developed and self-reliant Prime Minister, emphasizing the need to create an inclusive ecosystem for development innovation and the Sustainable Development Goals. India is proceeding with a holistic and 360-degree approach in this regard. Hon'ble Prime Minister appreciated the theme of the program 'School to Start-ups'. The future of India will be decided by the youth and children of today. India is developing as a knowledge society and it is taking steps with equal force. The Prime Minister said that more than 10 thousand ATAL tinkering labs have become innovation nurseries in 700 districts. Most importantly, 60 percent of these labs are in government and rural schools. He informed that more than 75 lakh students are working on more than 12 lakh innovation projects in Atal Tinkering Lab. He added that India's tinker-pruners will soon become the world's leading entrepreneurs.

The Prime Minister said that measures taken after 2014 have resulted in big changes in the field of science and technology. "Start-up India Campaign, Digital India, and National Education Policy help India in gaining new heights in the field the number of patents has increased from 4,000 per year 10 years ago to more than 30,000 today. Registration of designs has grown from 10,000 to 15,000 in the same period. The number of trademarks has grown from less than 70,000 to more than 2, 50,000, the Prime Minister informed. The number of start-ups in the country has increased from roughly 100 to one lakh recognized start-ups today. He pointed out that the growth took place at a time when the world is dealing with economic uncertainty. he said that technology becomes a powerful tool of empowerment. It becomes a tool for removing imbalance and promoting social justice. The Prime Minister recalled the time when technology was beyond the reach of common citizens and things like debit, credit cards were status symbols. But today, UPI has become a new normal due to its simplicity. Today India is among the countries with the highest data use. Rural internet users number more than urban users. The right use of technology gives new strength to society today the government is using technology for providing services for every stage of life. Online birth certificates, e-Pathshala and Diksha e-learning platforms, scholarship portal, Universal access number during the job period, e-Sanjeevani for medical treatment, and Jeevan Praman for the elderly, such solutions are helping the citizen at every step He also talked about initiatives in easy passports, Digi Yatra, and DigiLocker as examples of enhancing ease of living. India's goal of a self-reliant defense sector, the Prime Minister mentioned Innovations for Defence Excellence (iDEX) and expressed delight that the Ministry of Defence has procured 14 innovations from iDEX worth more than Rs 350 crore. The Prime Minister mentioned initiatives like i-create and DRDO young scientists'

labs and said that these efforts are being given a new direction. Touching upon the new reforms in the space sector, the Prime Minister said that India is emerging as a global game changer and highlighted technologies like SSLV and PSLV orbital platforms. We have to take lead in areas of coding, gaming and programming. Also, he added that policy-level initiatives like the PLI scheme at a time when India is increasing its presence in new avenues like semiconductors. The government is continuously promoting the hackathon culture where students take up new challenges and emphasized the need for hand-holding and creating a framework for this. We similarly identify 100 labs in the country in different areas which should be made youth driven. The special focus areas of clean energy and natural farming, promoting research and technology the Prime Minister stressed.

Key Points

During the session, below mentioned points were discussed:

- ❑ Integrated approach in science & technology for sustainable a future
- ❑ Utilising technology to create a sustainable future.
- ❑ Increasing in start-ups and unicorns
- ❑ Positive Changes in defence sector
- ❑ The goal of a strong, prosperous and developed India
- ❑ Measures taken after 2014 have resulted in big changes in the field of science and technology
- ❑ The right use of technology gives new strength to society today
- ❑ Effective Improvement in space sector
- ❑ India is emerging as a global game changer

Outcome

National Technology Day also highlights the nation's progress in various fields such as space research, defence technology, agriculture, healthcare, and communication. Technology and innovation are essential for boosting economic growth, generating new jobs, and raising living standards. Promote innovation Start-ups and entrepreneurship via intervention at the level of school and teaching institution, a bid to ignite the young minds.

Year 2023 with primary focus on Atal Innovation Mission, programs and showcase innovations from different sectors of the innovation lifecycle with a central theme of 'School to Start-up- Igniting Young Minds to Innovate'.

About the Speaker/Chief Guest



Shri Narendra Modi Hon'ble Prime Minister
India



Shri Rajnath Singh Minister of Defence
India



Shri Jitendra Singh Minister of state for Science and
Technology, India

SCIENCE, TECHNOLOGY AND INNOVATION

FOUNDATION OF NEW INDIA

“ National Technology Day is a tribute to the prowess of India's scientists. It also highlights the exemplary leadership of Atal Ji, who showed unwavering support to our scientists and made India proud at the world stage. Let us make India a global technology leader. ” - NARENDRA MODI

India's scientific prowess gets global recognition

- With the continuous efforts of the country's scientists, India is scaling new heights in every field, successful testing of **Pokhran-II**, which proved India's scientific prowess in front of the world, **completed 25 years**.
- Unprecedented thrust on technology and service driven innovation; India has jumped from 81st position in 2015 to **40th position** today in the **Global Innovation Index**
- India's **space sector** is getting stronger and stronger by opening up to the private sector; **ISRO** created a world record by launching **104 satellites** in one go.
- India's scientific prowess and commitment to global health demonstrated to the world by **indigenous manufacturing of COVID vaccine** and technology-based largest vaccination drive.

Technology made life easier at the grassroots level

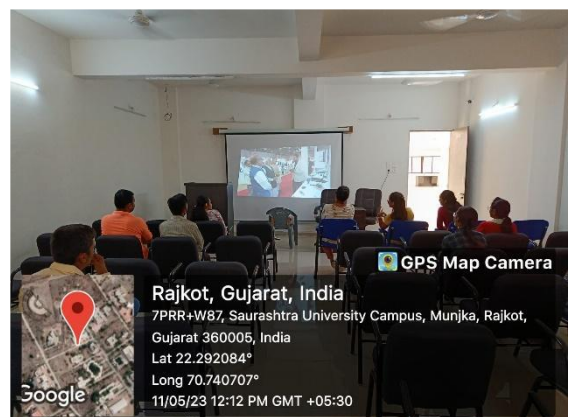
- Integration of health data and services under the **National Digital Health Mission (NDHM)**; telemedicine and Promotion of electronic health records.
- Financial services reach every home through **UPI** and digital payments, **40%** of the world's digital payments are happening in India.
- Services like **Aadhaar based services, DigLocker, DigiYatra** and **Fastag** are making life easier.

India's youth power is making new records in innovation

- More than **75 lakh** students connected with more than **10,000 Atal Tinkering Labs** across the country.
- Between 2015 and 2022, India built the World's Fastest Growing Startup Ecosystem with over **115 Unicorns** and **87,000 Startups** in Last 9 Years.
- Record **50%** increase in patent registrations in last 8 years.
- PM Research Fellowships** fostering high quality research and innovation by attracting the best talent in the country; Amount more than **Rs 50 lakh** in the form of fellowship and research grant.

NATIONAL TECHNOLOGY WEEK 2023
SCHOOL TO STARTUP 'IGNITING YOUNG MINDS TO INNOVATE'
INAUGURATION BY
PRIME MINISTER NARENDRA MODI
11TH MAY 2023, PRAGATI MAIDAN, 10:30 AM

LIVE TELECAST ON DD NEWS



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iic@sauuni.ac.in



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