



Dear Friends,

Greetings from IIT Bombay!

Hope you all are healthy and safe.

The cloud seems to be settling on the pandemic situation in the country, and we hope to see better days in the future. The number of vaccinations across the country is inching upward, while the active cases are going down. IIT Bombay Hospital is also a busy vaccination centre now!



But as we know, life is not always fair. With long days on the job, colleagues often become like a second family and saying goodbye to any family member is difficult. IIT Bombay family is deeply saddened by the demise of Prof. Rinti Banerjee, Professor, Biosciences and Bioengineering, due to post COVID complications. Everyone who knew Prof. Rinti will remember her brilliance, charm, and commitment to the field. A much-loved colleague, a great teacher and a prolific researcher, Prof. Rinti was accoladed for several COVID related research projects.

[Read More >](#)

News from IIT Bombay



IIT Bombay Partners with HDFC ERGO to provide long - term Strategic Business Solutions

The Indian Institute of Technology, Bombay has partnered with HDFC ERGO General Insurance, India's leading private sector general insurance company. This alliance is a first in the insurance sector and aims to operationalise high-impact projects across the insurance value chain and develop solutions to relevant business challenges.

[Read More >](#)



A new NFT platform by an IIT Bombay graduate allows everyone to set up their shop online

Toshendra Sharma, an IIT alumnus, wants to democratize the market for non-fungible tokens (NFTs). Rather than have artists list their creations on someone else's marketplace, Sharma's new NFT platform - NFTically - lets artists set up their shop, which also comes with lower fees when making a sale.

[Read More >](#)



Ansys Announces M. Tech Fellowship Awards at IIT Bombay

Ansys, the global leader and an Innovator of engineering simulation software, partnered with the Indian Institute of Technology Bombay to fund M. Tech. students undertaking projects in socially relevant domains. This CSR initiative will accelerate ground-breaking research in socially appropriate forms of technology, including enhancing education, healthcare, helping the cause of the environment, and other aspects addressed directly or indirectly using technology.

[Read More >](#)



IIT Bombay held a talk on 'Mental Health'

IIT Bombay's social body 'Abhyuday', held an Instagram live talk on mental health on July 5, to address various issues faced by the diverse youth of the nation. The talk featured mental health expert Tanuja Babre, actor & philanthropist Darasing Khurana & Mr. India 2017, who moderated the talk & an undergraduate student from IIT Bombay. According to numerous studies, young people have been experiencing increased mental issues, with over 65% of those aged between 18-24 years in India.

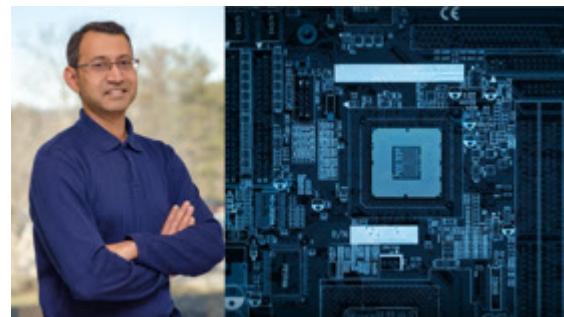
[Read More >](#)



IIT Bombay Alumnus Bhavesh Agarwal's OLA E-Scooter will be Home-Delivered

Ola Electric adopts the direct-to-consumer (D2C) sales model for its e-scooter - Series S. Ola Electric claims to be a tech-mobility start-up instead of a vehicle manufacturer, providing doorstep delivery and servicing its e-scooters. They believe in eliminating the need to set up a conventional dealership network as it is a resource-intensive exercise. The company Chief Bhavish Aggarwal, an alumnus of IIT Bombay, shared that Ola Electric scooter bookings crossed a record of more than 1 lakh in just 24 hours.

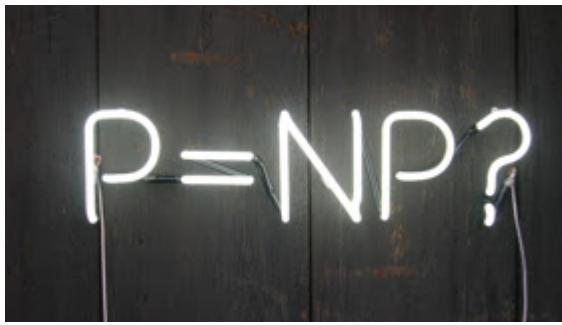
[Read More >](#)



Vinodh Gopal, IIT Bombay's Alum Innovation made Online Shopping Secure

Intel's Vinodh Gopal became the company's Innovator of the Year in 2019. He holds 270 US patents, out of which 93 are deemed critical to the industry and Intel. An IIT Bombay graduate, Gopal joined Intel in the early 2000s with a group developing cryptographic accelerators for network accelerators and looking to develop a programmable processor specialized for public-key encryption. The processors, over the years, have become vital parts of Intel's high-performance cryptographic processors.

[Read More >](#)



IIT Bombay faculty takes a shot at a long-standing problem in Computer Science

Is it a matter of time before efficient algorithms enable a computer to carry out the most creative tasks, including proving mathematical theorems? The key to this question lies in the P versus NP problem in computer science, listed as one of the "millennial problems" and hasn't been solved yet.

[Read More >](#)



IIT Bombay student racing team wins big at Formula Student UK

The student racing team of the IIT Bombay is the first Indian team to win in the overall winners' category at an international Formula Student competition. Formula Student is Europe's most established educational engineering competition organized by the Institution of Mechanical Engineers - a global association of mechanical engineers.

[Read More >](#)

A tribute to a Colleague and Mentor

Prof. Rinti Banerjee

Every day, social media feed shares with us the deadly impact of Covid -19. Although we are aware of the intensity, the pain hits even harder when we lose someone close to the pandemic. Our colleagues often become extended family members, and losing a co-worker fills our hearts with sorrow. Recently, IIT Bombay lost its star scientist, Prof. Rinti Banerjee, to Covid – 19 complications.

[Read More >](#)



Special Alumni Initiative

IIT Bombay Heritage Foundation Celebrates 25 years of Supporting IIT Bombay



Alumni Initiative

IIT Bombay establishes an Endowment Fund to recognize excellence in doctoral research, with donations from Mr. Sandeep Naik and alumnus Mr. Shantanu Rastogi



Faculty Research at IIT Bombay



The focus of New Research is on Applying Engineering Sciences in Life Sciences

It is our honour to present an interview with Prof. Mahesh Tirumkudulu, a Swarnajayanti Fellowship Awardee, who earned his B. Tech from IIT Madras and his PhD. from the University of New York.

An inspiration to many, Prof. Mahesh currently teaches at the Department of Chemical Engineering, IIT Bombay.

[Read More >](#)

In conversation with Alumni



Building the Future Together

A brilliant, 2006 class M. Tech Alumnus from IIT Bombay's Industrial Engineering and Operations Research, Nivesh Kumar was a part of the first interdisciplinary program at IIT Bombay. We recently had an opportunity for an insightful conversation about his generous contribution towards supporting the Industrial Engineering and Operations Research Department and his views on the industry's future.

[Read More >](#)

Upcoming Events

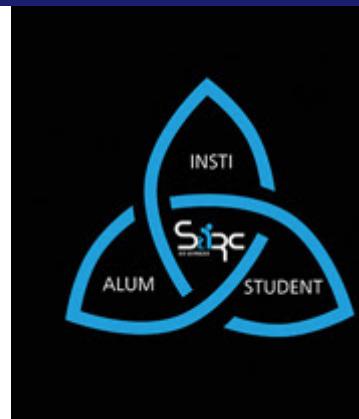
ASMP Launch Event

Topic: Alumni-Student Mentorship Program (ASMP)

Date & Day: August 15, 2021 (Sunday)

Place: SARC

[Register Now >](#)



Birth Anniversary of Prof. N. R. Kamath

Topic: Birth Anniversary of Prof. N. R. Kamath
Date & Day: Sept 08, 2021 (Wednesday)
Time: 6:00 pm – 8:00 pm
Place: Registration link opens shortly. Save the date

[Save the Date >](#)

SAVE THE DATE
08.09.2021

A WEBINAR ON

'CHEMICAL ENGINEERING: CHEMISTRY TO COMPUTERS'
The Indian Institute of Technology Bombay invites you to attend a webinar titled 'Chemical Engineering: Chemistry to Computers' on the occasion of the birth anniversary of Prof N. R. Kamath. Prof. Kamath was a distinguished professor in the Chemical Engineering department. As a respected teacher and educator, Prof. Kamath had a profound impact on the formative years of IIT Bombay as well as the Chemical Engineering profession in India.

Day & date: Wednesday, Sept 08, 2021

Time: 6:00 pm - 8:00 pm

SPEAKERS



PROF. M. M. SHARMA
Institute of Chemical Technology (ICT), Mumbai



DR. H. A. MAHADEVAN
Chairperson, Department of Chemical Engineering,
Motilal Nehru National Institute of Technology,
Sriperumbudur, Tamil Nadu, India
Member, Academic Council, National
Board of Accreditation, and Academic
Review Committee, National Curriculum and
Evaluation Council



PROF. DEVANSHU KHARAKAR
Chemical Engineering at Anna
University, Chennai, India

Changing Role of Chemical Engineers Panel discussion by IITB Chemical Engineering Alumni

Topic: Air Quality – Role of the Chemical Engineer
Date & Day: September 04, 2021 (Saturday)
Time: 7:30 - 9:00 PM IST
Place: Registration link opens shortly. Save the date

[Save the Date >](#)



Student Research activities at IIT Bombay



Evaluation methods for low-cost particulate matter sensors

Name: Vikas Kumar

Department: Climate Studies, First Year

Name of supervisor: Prof. Manoranjan Sahu

Air quality is a global concern worldwide, particularly in developing countries. Under National Clean Air Program, 122 non-attainment cities have been identified across India based on the Air Quality data from 2014-2018. Despite improved air quality monitoring infrastructure in recent years, numerous cities & regional areas lack access to air quality information. Due to this sparsely distributed stationary monitoring station across India, many small cities and regional areas still lack the air quality data necessary to guide air pollution control decisions.

[Read More >](#)

Product & Technology Development at IIT Bombay



[QAWaCh Bio Pvt. Ltd.](#)

Start-up name: QAWaCh Bio Pvt. Ltd.

Inventor/s name: Dr. Rashmi Tambe Shukla

Technology/Product: Affordable and Easy-to-use Quantitative point-of-care diagnostic platform that uses a combination of a test card and smartphone application.

Fostered at: SINE, IIT Bombay

The first inspiration of the team comes from one such highly prevalent condition in critically ill patients in the Intensive Care Unit (ICUs), i.e., Kidney failure. Kidney failure has a tremendous socio-economic impact on both patient and their family. Dr. Rashmi Tambe and the team realized the adversity of the situation in Indian hospitals regarding a lack of easy access to affordable and sensitive early diagnostic tools.

[Read More >](#)

[Pacify Medical Technologies Pvt. Ltd.](#)

Start-up name: Pacify Medical Technologies Pvt. Ltd.

Inventor/s name: Saiprasad Poyarekar and Anmol Zimare

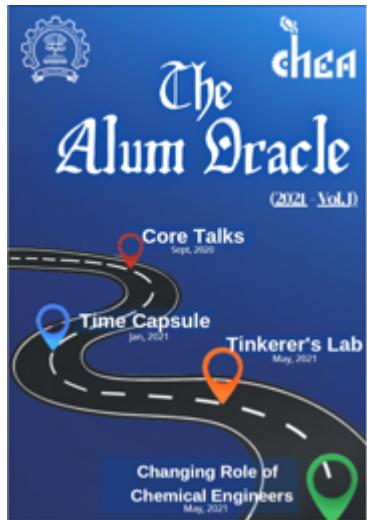
Technology/Product: Skin spray gun for effective healing of large burn wounds

Fostered at: SINE, IIT Bombay

Pacify Medical is a SINE-IITB start-up founded by IITDM Kancheepuram graduate Saiprasad Poyarekar and IIT Bombay graduate Anmol Zimare. The company launched after Saiprasad teamed up with Dr Nikhil Panse, an established Plastic Surgeon, to develop a solution covering large wounds using their patented spray technology. Their device also won the Biotechnology Ignition Grant (BIG).

[Read More >](#)

Exciting News



The Alum Oracle

The first-ever department alumni magazine, "The Alum Oracle" is here.

The Newsletter provides an annual update of the events involving the participation of notable alumni of the department.

Happy Reading!

Update your information with us. #StayConnected



Indian Institute of Technology Bombay
Powai, Mumbai, Maharashtra, India 400076