



Indian Institute of Technology Madras  
Office of Alumni and Corporate Relations

# *Celebrating the Generosity of* **Mr. Yogesh Gupta**



**IMPACT OF YOUR GIVING  
IN 2023**



## Director's Message

**Prof. Kamakoti Veezhinathan**  
**Director, IITM**

Greetings!

IIT Madras continues to retain her top position for the eighth consecutive year, in the National Institute Ranking Framework, thanks to the world-class research of its faculty and students. The contribution and support of Alumni and well-wishers like you has crucially helped this standing and stature. Our achievements in research, education, innovation and entrepreneurship have also earned us the recognition of an 'Institute of Eminence' as well as the top position in the Atal Innovation Ranking from the Government of India.

The institute is making an indelible mark with her 'research with impact' in several areas including quantum computing, drinking water technology, industrially relevant mathematical models for governance, rendering cancer-cure more effective. Our centres of excellence, the Center for Innovation, Nirmaan – the pre-incubator, the Incubation Cell, technology centres such as 'IITM-Pravartak' and others, work in unison for not just our nation's building, but societies world-wide. We aspire to be locally impactful and globally relevant through all these efforts.

Towards exploring new research frontiers, a Department of Medical Sciences and Technology has been launched to conjoin medicine and engineering. Similarly, a School of Sustainability is on the horizon to research sustainable practices in the Global South. The campus is moving towards 'carbon-net-zero' goal through water conservation by 100% recycling, efficient garbage disposal, and electrification of vehicles. The traditional education system is undergoing a paradigm shift, with our online Bachelor of Science programme in Data Sciences and the National Program of Technology Enhanced Learning, that have won Gold in the 'Lifelong Learning' category and Silver in the 'Best Online Program' category of the Wharton-QS Reimagine Education Awards 2022 respectively. IIT Madras is leading this revolution from the front.

Such achievements are not possible without the deep-rooted faith and support of alumni and well-wishers such as yourself. We are indebted to you for your generous, bountiful, and impactful contributions. On behalf of IIT Madras, I offer you our deepest gratitude for continuing to strengthen the Institute. Together with your support, we are confident of building an IIT Madras that is more inclusive, diverse, and enabled by an ecosystem to be nationally relevant and globally recognised. Thank you!



## Dean's Message

**Prof. Mahesh Panchagnula**

**Dean, Alumni & Corporate Relations, IITM**

Greetings!

I express my heartfelt gratitude to you for your generous support to IIT Madras. We appreciate your passion in supporting the causes you do and I assure you that your contributions will be optimally utilised.

This report has been compiled to convey how your largesse has touched lives and made a difference at IIT Madras. In keeping with the rapid, contemporary strides in science, technology we have set ambitious goals for ourselves - your continued enthusiasm and support will help us greatly in these endeavours.

IIT Madras is far more diverse in its set of pursuits, more green and more research-focused. And yet, it remains unchanged over these years, it is still the best Institute in the country, and attracts the best students that India has to offer to come and make a mark. I also cordially invite you to visit your campus to see for yourself, the impact of your contribution, and the growth and transformation the Institute has undergone over the years.

We can never express our gratitude enough for all that you have done - Thank You !



**"GIVING IS NOT JUST ABOUT  
MAKING A DONATION -  
IT'S ABOUT  
MAKING A DIFFERENCE"**



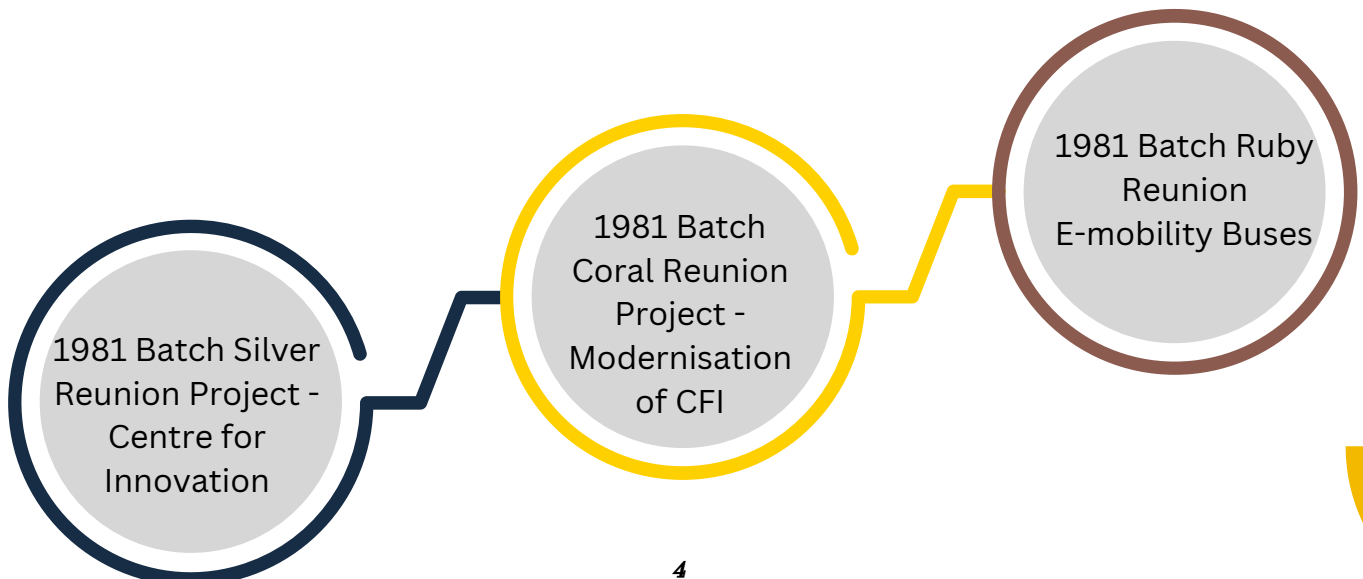
# Mr. Yogesh Gupta

[1981/BT/EE]

Mr. Yogesh Gupta is a visionary software executive and the President and CEO of Progress Software. With a proven record of delivering exceptional shareholder returns through innovative growth strategies and strong execution, Mr. Gupta has established himself as a leader in the enterprise software industry. His expertise spans product management, marketing, technology, and customer relationships, and he excels in building strong teams and optimizing operations. Mr. Gupta holds a Master of Science in Computer Science from the University of Wisconsin-Madison in 1983 and a Bachelor of Technology in Electrical Engineering from the Indian Institute of Technology Madras in 1981. He has also been recognized for his contributions with a **Distinguished Alumnus Award in the year 2021** from the Indian Institute of Technology, Madras.

Mr. Gupta's impact extends beyond his leadership roles. He has significantly contributed to software innovation, exemplified by his patent for "Using Neural Networks for Data Mining." This demonstrates his dedication to leveraging cutting-edge technologies for advanced data analysis and decision-making. With his strategic vision and deep industry knowledge, he continues to drive Progress Software's growth and innovation, inspiring others and shaping the future of enterprise software.

## CAUSES CONTRIBUTED



# 1981 BATCH SILVER REUNION – CENTRE FOR INNOVATION (CFI)

Centre for Innovation (CFI) was seeded in 2008 by the Class of 1981. The center will help students translate their innovative ideas into working prototypes.

## CFI Teams that participate in competitions

### 1. Team Avishkar

*“Developing technologies for the 5th mode of transportation”*



To realize the dream of the Indian Hyperloop, the team is working on technologies like Hyperloop infrastructure, pod, magnetic propulsion, and levitation, with the scalability of systems as the primary objective.

### Achievements:

The latest pod, **Avishkar 5.0**, built during the pandemic through relentless effort, emerged in the **Global Top 5 in three categories** – Electrical Subsystem, Traction Subsystem and the Complete Pod Category in the **European Hyperloop Week 2022**.

Competed virtually in **European Hyperloop Week 2021** and **won the ‘Most Scalable Pod Design’ award** by Zeleros Hyperloop

The only Asian team at the final of **SpaceX Hyperloop Pod Competition 2019**

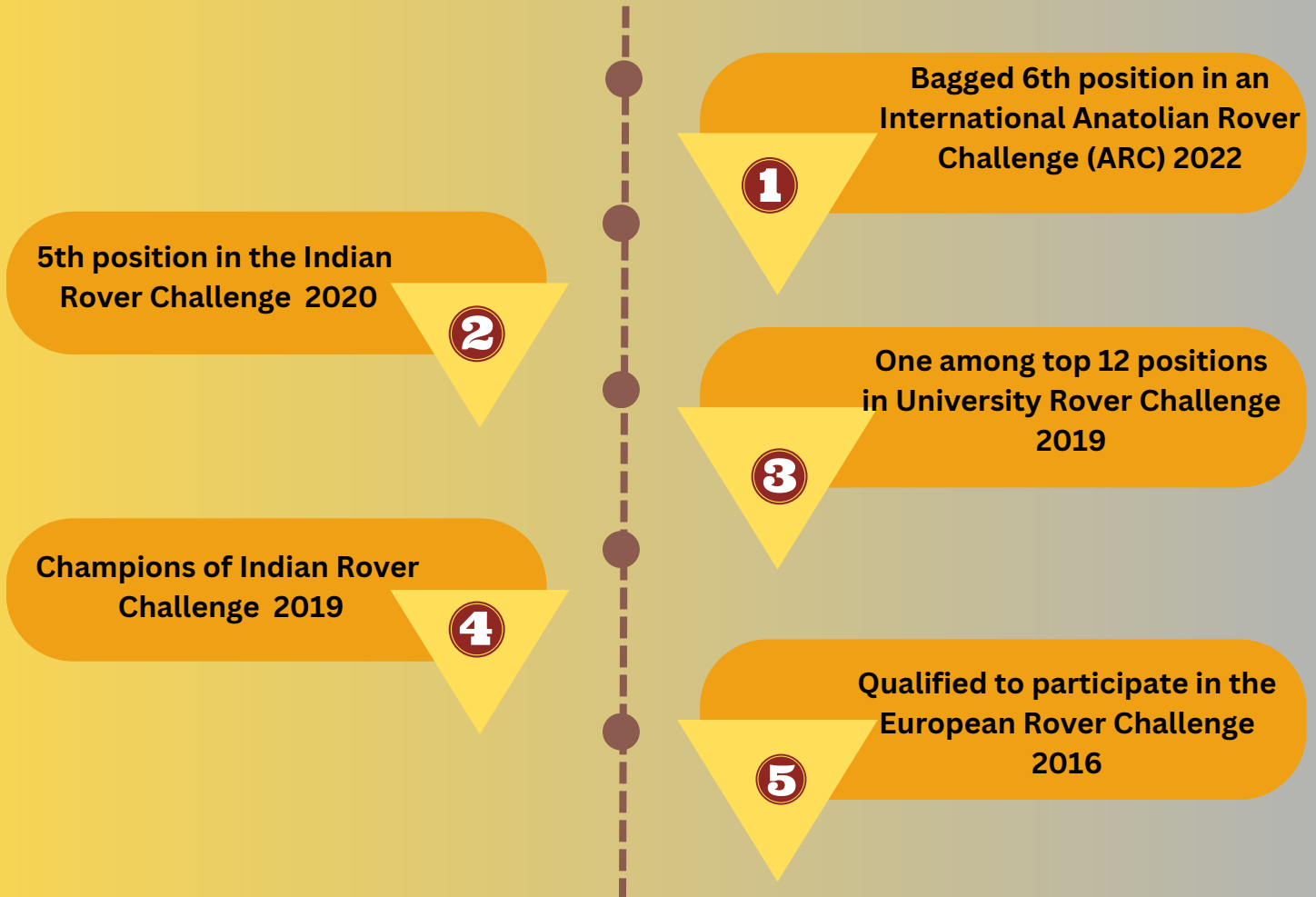


## 2. Team Anveshak

Since its inception in early 2016, the team brings together a set of highly dedicated & skilled students working on mechanical design, system architecture & control, outreach & business relations.



### Achievements:



### 3. Team Raftar

Every year, the team takes up the challenge of building a swift Formula Student race car. It aims to become a globally competitive team and promote the Formula Student culture in India.



### Achievements:

➤ Bagged 2nd place in the Formula Student Electric Vehicle Concept Challenge - 2021 conducted by Formula Bharat.



35+

Awards



13

Competitions



8

Generations



## 4. Team Abhiyaan

Team Abhiyaan is an enthusiastic group of multi-disciplinary students of IIT Madras, committed to building intelligent, robust, precise and safe, ground navigation systems. It provides a platform for realizing creative ideas into ground-breaking product prototypes and revolutionary business models, with mentoring from the industry, faculty and alumni



### Achievements:



**2019-Intelligent Ground Vehicle Challenge**  
Michigan, USA

**2nd Overall**

**Grand Lescoe Trophy**



**Indy Autonomous Challenge**  
2020 -2021 (Event Currently in Progress)

One of the five Asian teams to qualify for the final simulation rounds



**2018-Intelligent Ground Vehicle Challenge**  
Michigan, USA

**10th Overall**



**KPiT Sparkle - Finalist**  
2020

One of the 30 Finalists of India's most prospect ideas for mobility and future

➤ Developed and released an open-source ROS Software driver for the Septentrio Mosaic X5 GNSS module

➤ Project MACRo (Martian Autonomous Core-sampling Rover) in collaboration with ExTeM research group, IIT Madras





# 1981 BATCH CORAL REUNION PROJECT- MODERNISATION OF CFI

CFI is about 10 years old and needed modernization to keep pace with the evolving opportunities. The cause of the Modernization of CFI was supported by the classes of 1981, 1991, 1990 and the Jamuna Hostel inmates of the 1991 Batch.

This new building is called “The Sudha and Shankar Innovation Hub”. It is a veritable boon for the ingenious minds of IIT Madras- offering them a fertile space to harvest their ideas and bring them to life.

The modernized CFI in the new building was inaugurated by the **Hon’ble Vice President of India, Shri. Jagdeep Dhankar** on February 28, 2023.

This innovation hub has been envisioned pioneers, to be the epicenter of all innovation and entrepreneurship and in turn, strategically hosts the following centers:



Centre for  
Innovation

NIRMAAN – The  
Pre-Incubator

Gopalakrishnan-  
Deshpande  
Centre for  
Innovation

Centre for  
Social Innovation  
and  
Entrepreneurship



# 1981 BATCH RUBY REUNION – E-MOBILITY BUSES

The funds received through the 1981 Batch Ruby Reunion is to be used towards the purchase of E-Mobility buses.

The current status of the project is as follows.

- Placed order for 4 E-carts which will be delivered in the First week of July 2023
- E-Bus with li-ion battery specification finalization meeting got over on 16th June 2023
- Tender for E-Bus will be launched shortly.
- Expecting E-Bus on campus in the next Five months.
- Planning to have battery collaboration research with the E-Bus manufacturers.

*A glimpse of amazing memories from the Reunion in December 2022...*





# *We are grateful to you & your family*

## **Mr. Yogesh Gupta**

*We express our heartfelt gratitude for your continued and generous support to IIT Madras throughout the years. We trust that you take great pride in your bond with IIT Madras and the unwavering dedication it has demonstrated towards academic and research excellence since the time of your association.*

*Your invaluable contributions, alongside the support of your family, have played a pivotal role in facilitating this remarkable growth. We are privileged to have you and your family walking with us along this journey. We extend our best wishes to you and your family. We thank you for your continued support to your alma mater.*



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