



# Celebrating the Generosity of

## **Mr. MAHESH WAGLE**

Impact of your giving in 2024



# Director's Message

## Prof. Kamakoti Veezhinathan

Director, IIT Madras

Greetings!

IIT Madras continues to retain her top position for the ninth consecutive year, in the National Institute Ranking Framework, thanks to the world-class research, unwavering dedication and creative mindset of its faculty and students. The contribution and support of Alumni and well-wishers like you have 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.

IIT Madras is making an indelible mark in promoting and providing education to students from the length and breadth of India to areas beyond Indian territory, through her initiatives in rural developmental educational programs, international, interdisciplinary M.Tech courses, and online diploma courses. The popularity and reach of our online courses can be gauged by the fact that around 25000 students in ages ranging from 17 to 82, have enrolled for these courses across national boundaries, and about 30% are from rural India. The institute, in a first-ever initiative by an IIT, has consolidated its position on the world map by establishing her international campus in Zanzibar, Africa where about 45 students have been admitted to different programs.

Innovation and entrepreneurship are ingrained in all our endeavours – our ambitious ventures in rocket and space explorations, the development of lab-grown diamonds, hyperloop, the Brain Research Centre etc, are a testimony to this. The start-up ecosphere is also a reflection of this spirit, wherein last year, 70 startups came to fruition, successfully nurtured by our centres of excellence, the Centre for Innovation, Nirmaan – the pre-incubator, the Incubation Cell, technology centres such as 'IITM-Pravartak' at the IIT Madras Research Park and others. This year, our target is to incubate at least a 100 Start-ups in various sectors. It is expected that at least 20% of the passing out students will be proud CXOs of their own ventures! The year 2023 also saw 221 national and 105 international patents from our Institute and we are looking to closing this current financial year with 366 patents, to account for 'a patent a day'.

Towards promoting inter-disciplinary research and exploring new frontiers, a Department of Medical Sciences and Technology was launched in May 2023, a School of Sustainability in Oct 2023, a Department of Data Science and Artificial Intelligence in Nov 2023 and a new Interdisciplinary Dual Degree program on Quantitative Finance in Dec 2023 through the synergy of the departments of Management Studies, Computer Science and Engineering and Mathematics. Our School of Sustainability has signed MoUs for collaborations with Tel Aviv University, Israel and Technische Universität Dresden, Germany, with the aim of being recognized as a leader for sustainability teaching and research in the global south.

Lofty ambitions and achievements are impossible without the deep-rooted faith and support of alumni and well-wishers like yourself. We are indebted to you for your bountiful, impactful contributions and the faith reposed on us. On behalf of IIT Madras, I express my 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 seized of tomorrow's needs to be nationally and globally relevant.

Thank you!



### **Prof. Mahesh Panchagnula**

Dean, Alumni & Corporate Relations, IITM

#### **Greetings from the Office of Alumni and Corporate Relations!**

Please accept my sincere appreciation for the unwavering support you continue to provide to IIT Madras. Your generosity is the cornerstone of our success, and we are truly grateful for your commitment to the causes that are important to the students and faculty of IIT Madras. This report is a testament to the profound impact your contributions have had –by transforming the lives of students, supporting research, augmenting Institute infrastructure, enhancing learning or through supporting other myriad causes. Your trust in us propels our ambitions, and we are committed to ensuring that your donations are utilized to their fullest potential.

In a world evolving rapidly in science and technology, we have set ambitious goals for ourselves. Your enduring enthusiasm and support provide fillip to our efforts. IIT Madras stands as a beacon of diversity, sustainability, innovation and research excellence. While we have transformed over the years, our commitment to being a premier institute in the country and abroad, remains steadfast, attracting the brightest minds from across the globe. I cordially invite you to visit the campus, witness first-hand the salutary impact of your contributions, and observe the Institute's growth and evolution over the years.

Your generous gifts have made an incredible difference in our Institute's aspirations – Thank you! Your continued partnership is invaluable as we navigate the exciting journey ahead, shaping the future of India and the world together.



## Mr. Mahesh Wagle

1976/BT/ME

Director , Cybernetik Technologies Pvt. Ltd.

Shri. Mahesh Wagle is an entrepreneur and an investor. He is one of the founders and Director of Cybernetik Technologies. His passion and vision for engineering is one of the reasons for establishing Cybernetics as a significant contender in the Automation Industry.

After completing his Bachelors from IIT Madras (Mechanical Engineering) he obtained his Masters from University at Buffalo, New York. He is a Distinguished Alumnus Awardee of IIT Madras for the year 2020.

The report presents the impact that your contributions have made for the below causes

**M.A. Parameswaran  
Institute Chair**

**1976 Batch Ruby  
Reunion - Merit Cum  
Means Scholarship  
Endowment**

**Engineering Design  
Lab ED106**

**1976 Batch Sapphire  
Reunion - Hospital  
Infrastructure  
Upgradation at  
IIT Madras**

# M.A. Parameswaran Institute Chair



**Prof. M. A. Parameswaran**

Professor Parameswaran was well-known for his dedication to teaching mechanical design courses. He is also specialized in the area of material handling problems. With his excellent teaching, he endeared himself to many students. He had been a visiting Professor at the University of Technology, Malaysia, and also visited National University, Singapore in 1993. Professor Parameswaran was involved in many consultancy projects with PSUs such as Neiveli Lignite Corporation. He is known among his peers as a designer par excellence. Professor Parameswaran was President of the IIT Madras Alumni Association in the 1990s.

He was instrumental in Alumni Silver Unions during that time. He was one of the first trustees for the IIT Madras Alumni Charitable Trust, formed in 1993. Students of Prof. Parameswaran instituted this chair in his memory.

## ABOUT THE CHAIR OCCUPANT

### ACADEMIC BACKGROUND:

- » Ph.D. in Internal Combustion Engines (1990) from the Indian Institute of Technology Madras

### RESEARCH INTERESTS:

- » Combustion and emission control in Internal combustion engines
- » Hybrid electric drives for automotive applications
- » Alternative fuels and novel combustion systems
- » Gasoline Direct
- » Injection and hot surface ignition.

Prof. A. Ramesh has more than 15 years of academic experience and has guided several students toward their Ph.D. and Master's degrees and has published more than 185 research papers in Journals and Conferences. He works on several projects jointly with Automotive Industries. He has also undertaken several sponsored projects and has played a key role in the establishment of the Automotive Laboratories at NCCRD at IIT Madras. He is currently working on projects like the Development of a Hot Surface Ignition Engine Running on neat methanol For Automotive Applications, A Novel Biofuel Based Twin Injector Multi-mode Genset Engine for High Performance and Low NO<sub>x</sub> Emissions - Development and Demonstration, Development and validation of a cost-effective hybrid electric drive solution for small two wheelers for reducing CO<sub>2</sub> emission (HERCET), and Studies on combustion chamber development for GDI engines.

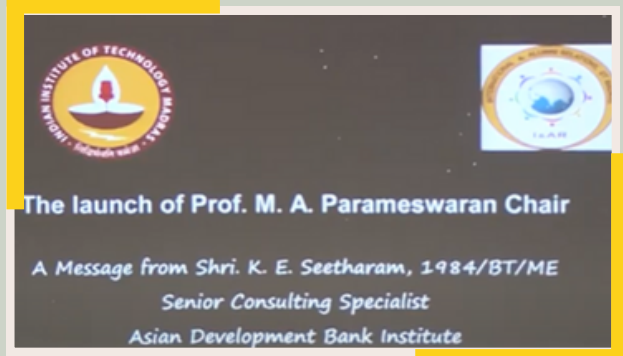


**Prof. A. Ramesh**

### AWARDS & RECOGNITION:

- » Awarded the Life Time Achievement Award by SAE India Southern Section in 2018.
- » Awarded the Gem of ACCET award in 2017.
- » Srimathi Marti Annapurna Gurunath Award for Excellence in Teaching by Indian Institute of Technology Madras, 2017.
- » Gem of ACCET award.

## CHAIR LAUNCH PHOTOS:



# CYBERNETIK CENTER

## DEPARTMENT OF ENGINEERING DESIGN, IIT MADRAS

Mr. Mahesh Wagle and Mr. Nirav Desai, Founder Directors of M/s Cybernetik Technologies, Pune inaugurated the center in the presence of Prof. V. Kamakoti, Director, on April 29, 2022. The Cybernetik Center was established in room ED107, Department of Engineering Design. This is an air-conditioned facility and enabled as a smart classroom for handling classes, particularly those that involve team activity. This Center is also well used for hosting various events such as seminars, workshop, openhouse, Department Orientation, Department events, Student events, etc. The design and layout of this center provides a comfortable environment for effective interaction between the faculty and students. When classes and events are not scheduled, this room has also been enabled as a study room for students. Thus, the Cybernetik Center is well used for various academic activities.

The interior design of the Center and the idea of displaying student artwork are well appreciated by visitors. The Department of Engineering Design thanks Mr. Mahesh Wagle and Mr. Nirav Desai for enabling this multi-functional and aesthetically pleasing facility.



Cybernetik Center was inaugurated on 29.04.2022

The Cybernetik Center has been used for conducting the following courses:

ED1031 - Creative Design

ED1034 - Form and Aesthetics in Design I

A few photographs have been included below that illustrate the effective use of this Center.



## MoU signing of Ilayaraja Music Management (IMM)



## Workshop for the NIT Trainees





# 1976 Batch Ruby Reunion - Merit Cum Means Scholarship Endowment

The Merit-Cum-Means Scholarship fully supported the cost of tuition fees which was Rs. 90,000/-per annum for a student until 2015. Since 2016, the tuition fee has been revised to Rs.2 lakhs annually.

The Govt. Merit-cum-Means Scholarship has been revised to 2/3rd of Rs.2 lakhs (i.e., 1.33 Lakhs). This leaves a sum of Rs. 66,667/- to be borne by the student.

This scholarship endeavor has received extensive backing from Alumni, Corporates and Well-wishers.

## ELIGIBILITY CRITERIA

01 Parental income between Rs.1 lakh and Rs.5 lakhs per annum

02 Degree – B. Tech / Dual Degree

03 Up to four (4) years of tuition assistance will be covered

## BENEFICIARIES



**Seenivasa Raghuram**  
Mechanical Engineering  
Batch of 2022-2026

### FAMILY BACKGROUND

I come from a humble background. My father is a farmer and my mother is a home maker. My parents have tried their best and are trying the best to make sure that we lead a comfortable life and become skillful and talented so that we can lead a comfortable life. I was fortunate enough to receive help from my relatives whenever needed.

Due to some sudden medical emergencies in my family my father is spending a lot of money for medical treatments and is forced to sell land which we used to cultivate.

### ASPIRATIONS

I want to become an entrepreneur who wants to create wealth with social impact. I feel IIT Madras can help me for it.

### IMPACT CREATED

Currently my family is in middle of financial crisis this scholarship amount helps them to relax the strain a bit.

### GRATITUDE NOTE

“

Hello alums, I don't know if I can help you out in anyway, I will be happy if I can in anyway. But I can tell one thing surely I can definitely tell your help to me won't go in vain. I will one day help many like me for sure thanks a lot for your help.

”



**Varinderpal Singh**  
Electrical Engineering  
Batch of 2022-2026

### FAMILY BACKGROUND

My father's background is rooted in farming, and he completed his education up to the 12th grade. Despite these humble beginnings, he successfully joined the Indian Army. Unfortunately, he had to retire early due to medical conditions. My mother is a homemaker and did not have the opportunity to attend formal schooling. My father's inheritance from my grandfather was limited, as the modest property was divided among three brothers, and my grandfather's financial circumstances were constrained.

### ASPIRATIONS

For my future aspirations, I am passionate about becoming an entrepreneur. However, I am mindful of the financial constraints and the limited support available from my family to pursue this path.

### IMPACT CREATED

Receiving this scholarship has been a tremendous relief. It has significantly lessened the financial burden on my father, allowing me to concentrate more fully on my studies rather than worrying about how he will manage to cover my academic and hostel fees. With this support, I can now focus more effectively on my coursework and personal development, rather than being preoccupied with our financial constraints. This scholarship has given me the freedom and peace of mind to strive for excellence in my academic and future endeavors.

### GRATITUDE NOTE



I want to express my heartfelt gratitude for your generous support through the scholarship I received. This assistance has been a beacon of hope and relief for my family and me. The financial burden on my father, who is striving to support both my brother and me in our engineering studies, has been significantly alleviated.



**Adith P Nair**  
Mechanical Engineering  
Batch of 2020-2024

### FAMILY BACKGROUND

Father, Ajayan P, works as a designer in advertisement company and Mother, Sreejisha C is housewife. I have a little brother, Amith P Nair, who is right now in 9th standard studying in New Millennium School

### ASPIRATIONS

I aspire to become a mechatronics engineer in the automobile sector (mobility in general). All my activities in IIT Madras were oriented towards it. Now as a stepping stone, I am happy to be placed in the mechatronics profile in JLR (Jaguar Land Rover) and I have also planned to pursue higher studies abroad after 2 to 3 years

### IMPACT CREATED

This scholarship has impacted me a lot freeing me of the burden to think about financial assistance during my study at IITM. Further more, I am also happy to say that for my future studies abroad the salary of the 3 years can be completely utilized instead of letting a share to be paid to the bank for the loan that I would have had taken if this scholarship was not granted. Moreover, it also boosted my performance in campus and helped me excel in a lot of fields including sports and extra curricular activities.

## GRATITUDE NOTE

“

I would like to thank the entire batch of alumni of 1976 for granting me this scholarship and letting me explore the campus activities without worrying about the financial burden for the programme. I would really appreciate all the upcoming batches to initiate this programme as it would be of a lot of help especially to people who come from an economically weaker background. To be honest, a huge credit to my success goes to this fact and I am indeed very grateful to the entire batch of 1976. Thank you

”



**Rishav Ranjan**  
Engineering Design  
Batch of 2021-2025

## FAMILY BACKGROUND

My father is a farmer and mother is a housewife. Farming thing is not that great in earning aspects, so he sold lands to support me. Hope it's all worth it!

## ASPIRATIONS

IITM was just a place to make network for me, I was never job or academic oriented, but soon realised it's importance. I am working a lot in AI and am trying hard to be pre-informed about tech things taking roller coaster ride in recent times. I'll definitely try my own start-up sometime in the near future.

## IMPACT CREATED

It has somewhat saved my father from running in winters and summers to pay for me. It has definitely impacted me in a great way. I see myself doing the same in the future under my all capabilities.

## GRATITUDE NOTE

“

I think, the best gratitude towards you I can show is by helping the needy ones in the same way I've got it. Otherwise, it's really exciting to get the idea about you guys in the world where no one shields another.

”



**M Rithish**  
Engineering Design  
Batch of 2021-2025

# 1976 Batch Sapphire Reunion - Hospital Infrastructure Upgradation at IIT Madras

Hospital construction is completed and awaiting the inauguration. We will update the details soon.



We are grateful to you and your family

## Mr. Mahesh Wagle & Dr. Tara Maithreyan

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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