



**CELEBRATING THE  
GENEROSITY OF  
MR. KUMAR  
DORAISWAMI**

**IMPACT OF YOUR GIVING IN 2024**



Indian Institute of Technology Madras  
Office of Alumni and Corporate Relations



## **DIRECTOR'S MESSAGE**

### **Prof. Kamakoti Veezhinathan**

#### **Director, IIT Madras**

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, 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.

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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!



## **DEAN'S MESSAGE**

**Prof. Mahesh Panchagnula  
Dean, Alumni & Corporate  
Relations, IIT Madras**

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. KUMAR DORAISWAMI

## 1983/BT/ME






Mr. Kumar Doraiswami is an entrepreneurial executive with a strong interest in the intersection of technology, data and finance. He has over 25 years of sell and buy side financial services experience, with in-depth knowledge of venture capital, global bond, equity, commodity and foreign exchange markets.

Mr. Doraiswami is also an expert in banking, capital markets, risk mitigation, hedge fund strategies, quantitative finance and exchange structures. He is variously recognized for bringing innovative thought processes and solutions to complex, cross product risk problems.

Apart from finance, he is a fan of Indian contemporary/modern art and likes to spend most of his free time reading fiction. He is also the proud spouse of an I.I.T., Delhi alum.



## SUMMARY OF YOUR CONTRIBUTIONS

- 
**1983 Batch Coral Reunion–P.V. Indiresan Faculty Externship Endowment**
- 
**Krishna Aiyer Doraiswami Memorial Merit Cum Means Scholarship Endowment**
- 
**1983 Batch Pearl Reunion – Prof. M. S. Ananth Endowment Fund**

# 1983 BATCH CORAL REUNION

## P.V. INDIRESAN FACULTY

### EXTERNSHIP ENDOWMENT

The Faculty Externship Program is for the faculty who travel abroad for short durations to universities across the globe mainly for research purpose. The Class of 1983 during their Coral Reunion unanimously contributed towards this faculty externship program and named it "P. V. Indiresan faculty Externship" in memory of their Director Prof. P.V. Indiresan.



## ABOUT PROF. P. V. INDIRESAN

Dr. PV Indiresan boasts a distinguished academic history, having earned a Ph.D. from the esteemed University of Birmingham. His leadership roles include serving as the Director of IIT Madras from 1979 to 1984 and as the President of the Indian National Academy of Engineering from 1997 to 1998. Recognized for his significant contributions, Dr. Indiresan was honored with the Padmabhushan award in 2000. Furthermore, he held the position of author for science and technology content in The Hindu's Business Line, showcasing his expertise and influence in the field.

### Objective of the Program

- A vital intention of this program is to enable a faculty member's first visit to the world's best research institutions abroad.
- To create a virtuous cycle by increasing collaboration, improving the quality of research.

### Support provided to the faculty

- This program will support expenses related to local hospitality as well as some local travel of the faculty.
- The cost of an externship per faculty will be between USD 6K to USD 8K depending upon the grant requested by the faculty.
- The interest from the endowment fund provided by the 1983 batch Coral reunion will support some faculty members every year for their Externship in the name of "P.V. Indiresan Faculty Externship".

To read the detailed report for the previous year

[CLICK HERE](#)

# BENEFICIARIES FOR THE YEAR 2023



**Dr. Chandan Sarangi**  
**Department of Civil Engineering**

To Know More



Dr. Chandan Sarangi is an earth system scientist who completed his Post Doctorate Research from the Pacific Northwest National Laboratory (PNNL), Richland, WA, USA, and Integrated Ph.D. from IIT Kanpur, India. His under graduation is from NIT Warangal, India.

## Research Interests

- Aerosol Science and transport in atmosphere
- Air quality and air pollution climate coupling in megacities
- Numerical simulations of aerosol movement and air quality
- Cloud vertical structure and cloud radiative forcing
- Impact of absorbing aerosols on Himalayan snow and glaciers
- Aerosol-Land-Atmosphere coupling



**Dr. Swapna Rabha**  
**Department of Chemical Engineering**

To Know More



Dr. Rabha has joined the Chemical Engineering Department of Indian Institute of Technology Madras in 2021 as an Assistant Professor. She has received her Doctoral degree in Chemical Engineering from Indian Institute of Technology Delhi on “microscopic gas-liquid flows”. After her PhD, she did a couple of post-doctoral research at various international research laboratories and institutes like Helmholtz-Zentrum Dresden-Rossendorf, Dresden, Germany, National Energy Technology Laboratory, Morgantown, USA and Imperial College London, United Kingdom, before returning to India and joining IIT Madras in 2021.

## Research Interests

- Multiphase flows
- Permeable media
- Advance imaging techniques
- Carbon capture and storage
- Process intensifications
- Computational fluid dynamics

# KRISHNA AIYER DORAISWAMI MEMORIAL MERIT CUM MEANS SCHOLARSHIP ENDOWMENT

## Feedback From Beneficiary



**Rahul Sardana**  
**CE21B102**  
**Department of Civil Engineering**

### **Aspirations**

I am deeply passionate about finance and trading, and my ultimate goal is to pursue a career in this field. I aspire to leverage my analytical skills, strategic thinking, and keen understanding of market trends to excel in the dynamic world of finance.

### **Gratitude Note**

I am immensely grateful to have been awarded the Krishna Aiyer Doraiswami Memorial Merit Cum Means Scholarship. This support is invaluable as I pursue my academic goals. Thank you for investing in my future and believing in my potential.



# 1983 BATCH PEARL REUNION – PROF. M. S. ANANTH ENDOWMENT FUND

The interest accrued from this endowment is used to support the following activities:

To support the educational needs of the children of Tech Kids staff members who work on IITM campus

To support socially relevant projects



## TO SUPPORT THE EDUCATIONAL NEEDS OF THE CHILDREN OF STAFF MEMBERS TECH KIDS WHO WORK ON IITM CAMPUS

The Tech Kids daycare is run under the aegis of the IIT Madras Campus Welfare Trust and has been helped by generous contributions from the IIT Madras Alumni Association. The origins of Tech Kids trace back to the 1990s when the staff club ran it. A receptionist by the name Roja used to run it at the time with six children. Around 1997, with the initiative of Prof. Natarajan (then the Director), it received official recognition from the Institute. It was christened "Day Care cum Child Activity Centre (CAC)" with Prof. Hema Murthy as its first chairperson. It was initially run in a shed and employed a teacher and six helpers. This year this endowment funds were used to help the children of the workers of the Tech Kids daycare.

## SUPPORT SOCIALLY RELEVANT PROJECTS

Our team is working along with the principal in charge in developing a portal to collect the various proposals for the Socially Relevant Projects from various professors of our institute. Once this is complete we will select the recipients after reviewing all the proposals. A report will be sent once the recipients are identified along with the details of their socially relevant projects.

For the full report, please refer to the below link

[CLICK HERE](#)

# WE ARE GRATEFUL TO YOU AND YOUR FAMILY MR. KUMAR DORAISWAMI

Thank you for your sustained generosity to IIT Madras over the years. Contributors such as yourself enable our students and Professors to dream big and work towards a better and brighter future. We hope you are proud of your relations with IIT Madras and how it has remained steadfastly committed to academic and research excellence. You and your family have been instrumental in facilitating this significant growth.

Our efforts to nurture the culture of academic excellence that is the hallmark of IIT Madras - quality education, cutting-edge research, and unfettered creativity shall continue. We are privileged and humbled to have you and your family walking with us along this trail. We wish you and your family the best always in all walks of life!



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