

Indian Institute of Technology Madras Office of Alumni and Corporate Relations

# **1978 BATCH PROJECT ALUMNI ENDOWMENT FUND**

## 2023 - 2024

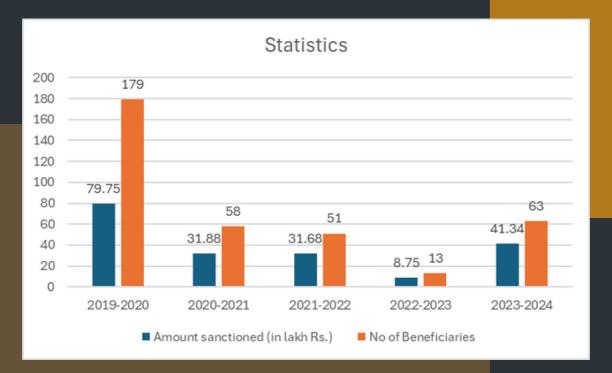
## <u>1978 Batch Project -</u> <u>Alumni Endowment Fund</u>

The 1978 Batch reunion contributions was used towards the Alumni Endowment Fund. The annual interest from the Alumni Endowment Fund was utilized towards the Travel Grant and NPTEL during the year 2023-2024.

## **TRAVEL GRANT**

The goal of this travel grant is to facilitate the professional development of undergraduate and graduate students/research scholars and faculty by supporting their travel for attending professional meetings.

This also supports exchange programs, summer schools, and joint doctoral programs which provide an opportunity for the recipient to present his/her own research. This enables recipients to interact with peers and established scientists, which also helps develop professional contacts to facilitate their career development.



### Statistics for the past 5 years

#### **Gratitude Note from the Beneficiaries**



Name : P. K. Vishnu Degree : Ph.D. Department : Physics

I am writing to express my deepest gratitude for the generous grant I received from the Office of Alumni and Corporate Relations for my research visit to Missouri University of Science and Technology, Rolla, United States. This research visit was very crucial for my Ph.D. thesis. I got an opportunity to interact closely with my collaborator, who is an expert in my field of research.

The lessons learned, both academically and non-academically, are invaluable in my life.

Your kindness and generosity have left a profound impact on not only me but many students at IIT Madras. I feel lucky to be awarded this financial support and am motivated to give back in the future, contributing to the legacy of support and excellence.



I, Anusha Kumar, am a M.S. – Ph.D. dual degree student in the Department of Management Studies, working under the guidance of Prof. Nandan Sudarsanam. As a Visiting Student, I visited the Massachusetts Institute of Technology, Cambridge, United States. During my research program there at MIT, I worked under the supervision of Prof. Daniel D. Frey in the Department of Mechanical Engineering.

I benefitted immensely from the Alumni Travel Grant, which helped cover my living expenses. The visit has been a great opportunity and learning experience, and the work carried out at the host institute is a valuable addition to my current research work. I thank the donors and the travel grant committee for considering my application and awarding the grant.



Name : Anusha Kumar Degree : Ph.D. Department : Management Studies



Name : Aniruddha Roy Degree : Ph.D. Department : Electrical Engg

I am writing to express my deepest gratitude for the travel grant I received. 2022-2023. I am truly honored and humbled to have been selected as a recipient of this fund. My paper titled "Distributed control of networked multi-agent systems using network adapted guaranteed cost equilibrium controls" was accepted for presentation at the 61st IEEE Conference on Decision and Control (CDC) held in Cancún, Mexico.

I am grateful for the support I have received, which has played a crucial role in enabling me to participate in the flagship conference (CDC) of the IEEE Control System Society. Attending this conference has broadened my knowledge, allowed me to connect with researchers, and contributed to meaningful discussions in the relevant research field. A big thank you to my PhD supervisor, Dr. Puduru Viswanadha Reddy, for always helping and supporting me to be part of this conference.

I want to convey my sincere appreciation to the donors for their commitment to promoting education and enabling individuals like me to pursue and share knowledge on a broader platform. Their support has made a significant difference in my life and serves as an inspiration to strive for excellence in my academic and professional pursuits. Receiving this grant has not only supported my current work but also inspired me to contribute in the future, creating a positive impact within our community.

#### I would like to thank the alumni of IIT Madras for sponsoring my trip to Istanbul Technical University so that I could participate in Anatolian Rover Challenge 2022.

Participating in the competition was definitely a once-in-a-lifetime opportunity that taught me a lot of things, not just technical details, but personal and cultural as well. I learned so much about technology and teamwork, and met people from various academic and cultural backgrounds. All of this inspired me to come back and improve upon our designs with renewed vigor and gave me immense enthusiasm for pursuing my interests in engineering!



Name : Kishore Rajendran Degree : B.Tech Department : Electrical Engg





Name : Navneet Kumar Degree : B.Tech Department : Ocean Engg

I am writing to express my deepest gratitude for the incredible opportunity you've provided by generously sponsoring my travel funding for the internship in Japan. During my internship in Japan, I have had the privilege of immersing myself in a rich cultural exchange, gaining handson experience, and expanding my professional network.

The insights and skills acquired will undoubtedly play a crucial role in shaping my future career. I am truly grateful for your investment in my education and development. Your commitment to fostering opportunities for students like myself is commendable and a beacon of encouragement. I look forward to utilizing the knowledge gained during this internship to contribute positively to my field and society.



I am incredibly grateful for your support which made my trip to the Anatolian Rover Challenge in Turkey possible. Interacting with the judges and other international teams gave me valuable insights on how to improve the rover in the coming year. This experience not only sharpened my problem-solving abilities but also fuelled my passion for robotics. Overall, I learned a lot and had fun along the way so I sincerely thank you.





Name : Prithvi Raj Degree : B.Tech Department : Mechanical Engg



Name : Prahalad S Degree : Dual Degree Department : Biotechnology

I would like to thank all the donors for providing me with this grant, which allowed me to attend the Students' Conference on Conservation Science at the University of Cambridge. Being an engineer who is transitioning into wildlife conservation, this conference exposed me to the different facets of research conducted around the world.

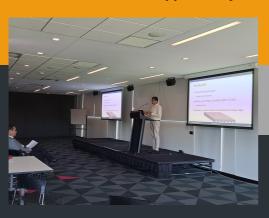
In addition, it allowed me to meet and network with like-minded individuals from different parts of the world. This conference has played a huge role in shaping my future career and I would like to offer my thanks to all the alumni for making this possible.

I would like to thank the donors of the alumni grant from the bottom of my heart. I was able to attend a conference in Sydney due to the generous contributions made by some selfless individuals. The experience that I gained from this visit is something that I will never forget and will make a significant impact on my research journey and career.

The alumni grant program also made me realize the greatness of the IITM alumni community and has inspired me to be a selfless individual. I sincerely thank the people whose contributions made it possible for me to experience a different part of the world and meet some amazing people. I shall be forever grateful to IITM and the Alumni Association for this opportunity.



Name : Barbade Chaitanya Shanteshwar Degree : MS Department : Civil Engg





Name : Vinodhini S Degree : Ph.D Department : Applied Mechanics

I am writing to express my profound gratitude for the travel grant. This travel helped me to attend and present my research work internationally. It also helped me to meet a lot of student researchers and professors from all over the world and keep myself updated in this field.



In November of 2022, I was selected to present a paper at the prestigious International Academic Forum, Asian Conference on Education and International Development (IAFOR ACEID) 2023 in Tokyo, Japan. I successfully attended the conference and presented my paper titled "Toto Chan: Tetsuko Kuroyonagi, Akira Takahashi, and Case Studies on Individual Uniqueness's".

Later, in September 2023, I applied for the Alumni grant for the Conference, and after an interview that went well. I hereby thank the Alumni Association of IIT Madras for the generous financial assistance concerning the IAFOR ACEID2023 Conference. I also express my gratitude to the vibrant Alumni Association of IIT Madras for making these grants possible for the student community. As a student who will soon become an alumnus of this prestigious institute, I am also willing to be part of this noble mission of contributing to making this scholarship possible in the coming years.



Name : A. Harisankar Degree : Ph.D. Department : Humanities & Social Science



### NATIONAL PROGRAM ON ENHANCED TECHNOLOGY LEARNING (NPTEL)

NPTEL (National Programme on Technology Enhanced Learning), is a joint venture of the IITs and IISc, funded by the Ministry of Education (MoE) Government of India, and was launched in 2003 by seven IITs : Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee, in conjunction with the Indian Institute of Science (IISC).. Initially started as a project to take quality education to all corners of the country, NPTEL now offers close to 600+ courses for certification every semester in about 22 disciplines.

NPTEL began offering open online courses in March 2014. It is now possible for ANYONE outside the IIT System to be able to do an online certification course from NPTEL and get a certificate from the IITs. IITs are reaching out and taking education to the homes of people through this initiative. The objective of enabling students obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education programme.

#### Some Highlights about NPTEL :

Largest online repository in the world of courses in engineering, basic sciences and selected humanities and management subjects

YouTube channel for NPTEL – most subscribed educational channel, 1.3 billion views and 40+ lakhs subscribers

More than 56000 hours of video content, transcribed and subtitled

Most accessed library of peer-reviewed educational content in the world

Translation of more than 12000 hours of English transcripts in regional Indian languages



### **VIDEO PRODUCTIONS AND VIRTUAL CLASSROOM MEETINGS**

Technical assistance and execution of NPTEL's lecture videos were provided by video productions and virtual classroom meetings team at IIT Madras.

**LECTURE VIDEOS** 

Click Here

Other activities are mentioned below :

#### **CHAIR LAUNCH VIDEO**



Prof. PC Vaghese Chair Launch

#### **INAUGURATION VIDEOS**



Arunachalam Auditorium

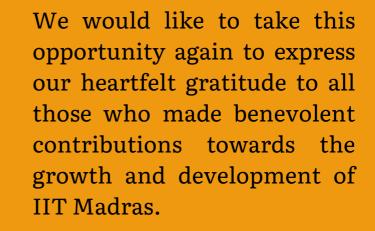


Inauguration of American Express Lab for Data Analytics, Risk & Technology

Technical assistance to setup studios for IIT Madras, IIT Tirupati, IIT Indore, National Sanskrit university and a few private colleges contributing to NPTEL.

Almost all video coverages, production of Departmental videos, Live streaming, Virtual Classes at IIT Madras is all undertaken by the video productions team at IIT Madras.







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February 2024