

Office of Alumni and Corporate Relations
Indian Institute of Technology Madras



**CELEBRATING THE
GENEROSITY OF
MR. S. SHANKAR**

IMPACT OF YOUR GIVING IN 2023



MESSAGE FROM THE DIRECTOR

Prof. KAMAKOTI VEEZHINATHAN
Director, IITM

Greetings!

IIT Madras continues to retain her top position for the seventh 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!

MESSAGE FROM THE DEAN

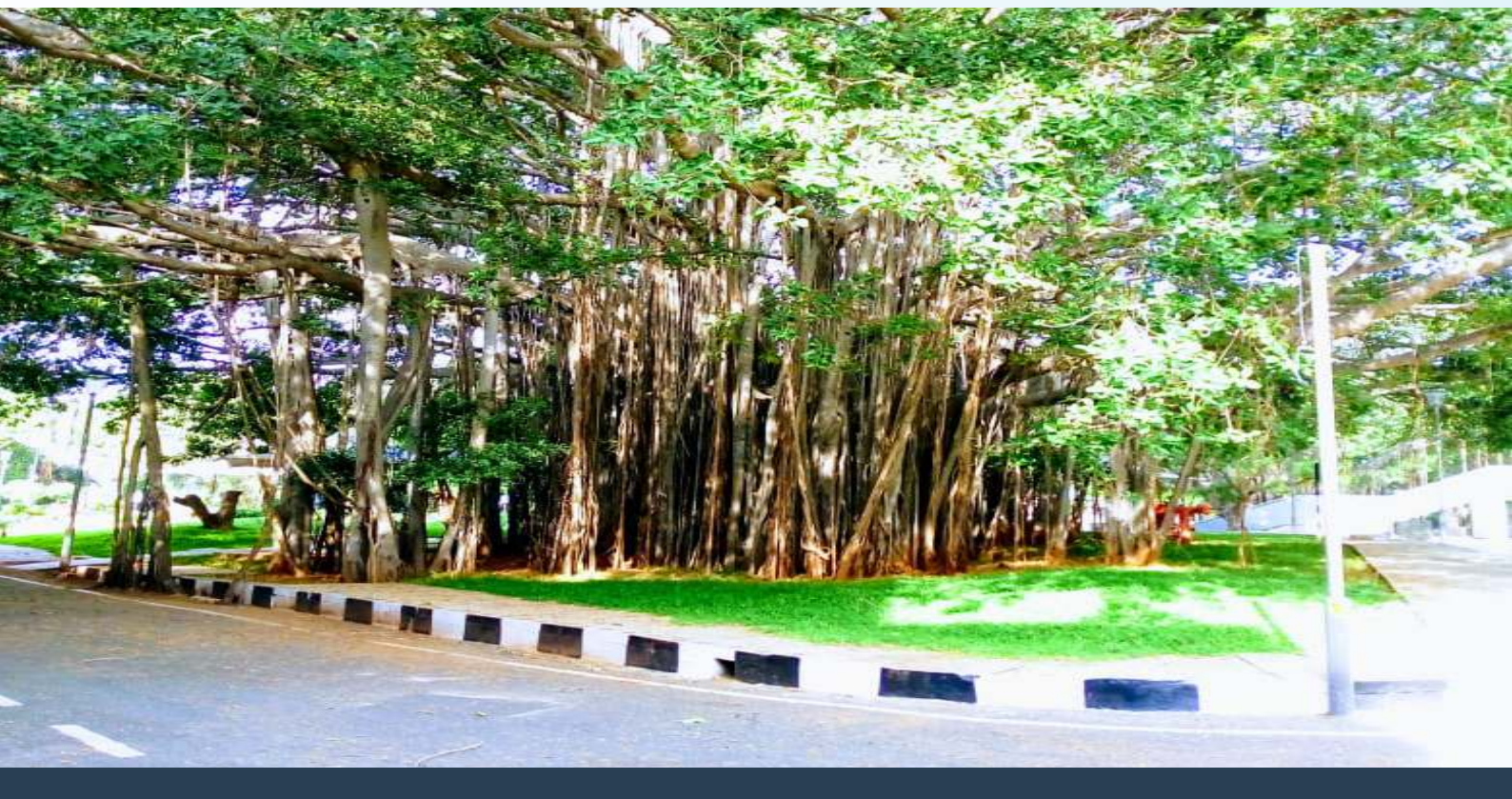
Prof. MAHESH PANCHAGNULA
Dean, Alumni & Corporate Relations, IITM



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!





Mr. S. SHANKAR

1971/BT/EE (B.Tech - Electrical Engineering)

President and C.E.O of Amzetta also founded American Megatrends, Inc. (AMI) in 1985. One of the Icons of India in the year 2018 and Distinguished Alumnus awardee of IIT Madras in the year 2000. We are delighted to share the work and impact of the projects since 2017, made possible at IIT Madras. We want to rejoice at your generosity towards your alma mater through this humble report. We are thankful & grateful, hoping our report makes an interesting read.





1971 BATCH GOLDEN REUNION FUND

The fund collected by 1971 Batch Golden Reunion utilized for Merit Cum Means Scholarship.

Merit Cum Means Scholarship in brief:

The Merit-Cum-Means Scholarship fully supported the cost of tuition fees which was Rs. 90,000/- per annum for a student until 2015. From 2016, the tuition fee has been revised to Rs.2 lakhs per annum. The Govt. Merit-Cum-Means Scholarship has been revised to 2/3rd of Rs.2 lakhs (i.e., 1.33 Lakhs) for students with parental income 1 to 4.5 Lakhs. This leaves a sum of Rs. 66,667/- to be borne by the student.

- ▶ To support B.Tech/ Dual Degree students with parental income 1 Lakh to 9 Lakhs per annum
- ▶ Students with lower parental income will be given higher priority
- ▶ Scholarship renewal is based on CGPA (above 5) and parental income range

Funds received from 1971 batch has been given to the below MCM students.

YEAR	NAME	ROLL NO	DEPARTMENT	CGPA
2017-20	OM SHRI PRASATH	EE17B113	Dual Degree, Electrical Engineering	8 - 9
2021	MUKESH S.K.	NA21B047	B.Tech Naval Architecture and Ocean Engineering	7 - 8

Feedback from Students



OM SHRI PRASATH
Past Beneficiary

"I feel really happy and honoured to receive the 1971 batch Merit Cum Means Scholarship. I would like to thank all of you for the faith you all have continued to bestow upon me in providing with this scholarship. As a result of all your motivation, I was able to get selected for the Inter IIT Chess Contingent for the Inter IIT Chess Meet which happened in Guwahati on December 2018. I would like to once again profoundly thank all of you for your continued support, and I am sure that I would be able to repay your faith in me".

"I thank you for initiating my scholarship. It will be very useful for my academics needs. Your contribution to the Merit-Cum Means Scholarship is generous and it will allow me to focus on my studies. I thank the Donors for giving me this scholarship".



MUKESH S.K.
Present Beneficiary



THANK YOU FOR RENEWING YOUR SUPPORT

Here's how we are using your gift already..!



56th Convocation (2019)
President of India Prize Winner

KAVITHA GOPAL

Becomes the first female student of Computer Science & Engineering, IIT Madras.

TO GET PRESIDENT OF INDIA MEDAL

Kavitha Gopal created history by becoming the first female student of the Indian Institute of Technology Madras to win the President of India Prize. She has been awarded for the highest CGPA (9.95) in B.Tech (CSE) and Dual degree at the 56th Convocation of the Indian Institute of Technology, Madras.

She also bagged Bharat Ratna, M Visvesvaraya Memorial Prize and B Ravichandran Memorial Prize.



THE FRUITS OF Mr. S. SHANKAR'S GENEROSITY

The Computer Science & Engineering department started as the Computer Centre in 1973 with the acquisition of an IBM 370 Computer. It presently offers B. Tech., dual-degree B.Tech. / M.Tech., M.Tech. M.S., Ph.D. degree programs. A Dual-Degree B.Tech/ M.Tech. Program in data science which is open to all B.Tech students of IIT Madras, is in operation since January 2018.

It is a known fact that IIT aspirants dream about getting admission into the Computer Science & Engineering department in IIT Madras. It is more apt and thoughtful of Mr. S. Shankar to create a dedicated building for Computer Science & Engineering at IIT Madras. With his interest in the development of his alma mater, he generously contributed to the creation of the Computer Science Annex building. He has made major contributions towards other causes too, but this is his most vital and standout contribution towards the development of IIT Madras.



THANK YOU

FOR YOUR CONTINUED,
MAGNANIMOUS SUPPORT OF OUR

INFRASTRUCTURE DEVELOPMENT..



Construction of Annex building (G+3)
to existing Computer Science & Engineering Building
Project Funded by Mr. S. Shankar

MOU SIGNED ON 12-12-2017

Memorandum of Understanding between

Mr. S. SHANKAR

and

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

**THE CONSTRUCTION WORK WAS INITIATED WITH
THE GROUND BREAKING CEREMONY ON 11-07-2019**



**PHASE 1 WORK
CASTING OF FOUNDATION**



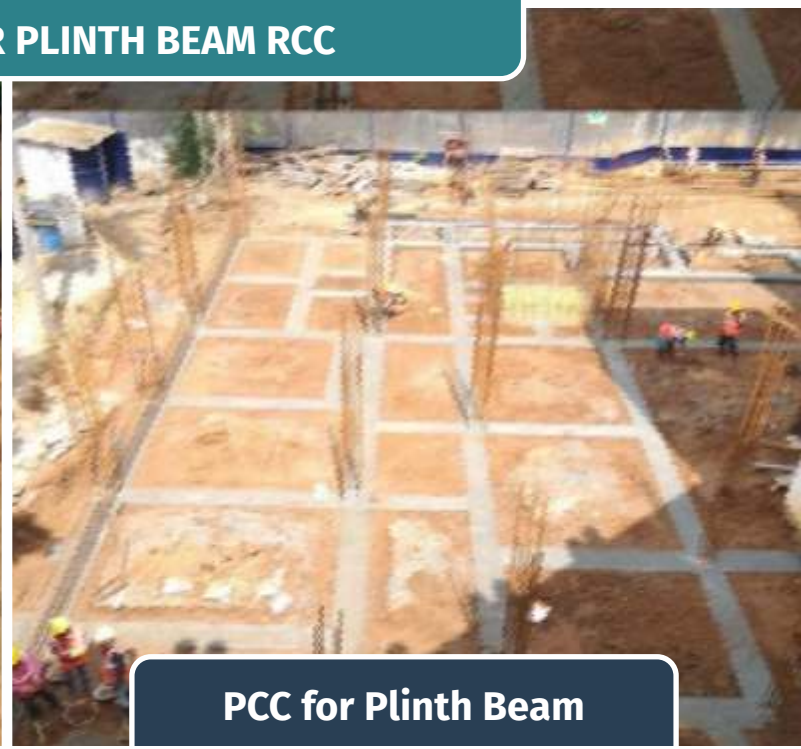
31-12-2017

COVERING PHASE 1 AND PHASE 2 OF THE CONSTRUCTION

PHASE 2 WORK PREPARATION FOR PLINTH BEAM RCC



Earth Filling



PCC for Plinth Beam



PCC for Plinth Beam



Quality Check





PHASE 3 WORK 07-04-2020



1st Floor
Block work in progress



3rd Floor
Balance 70% Slab Shuttering

PHASE 4 WORK 29-09-2020

Brick work progressing in parallel



Structural work - G+2 completed





External Plastering Works in Progress



Model-Lab and Faculty Room



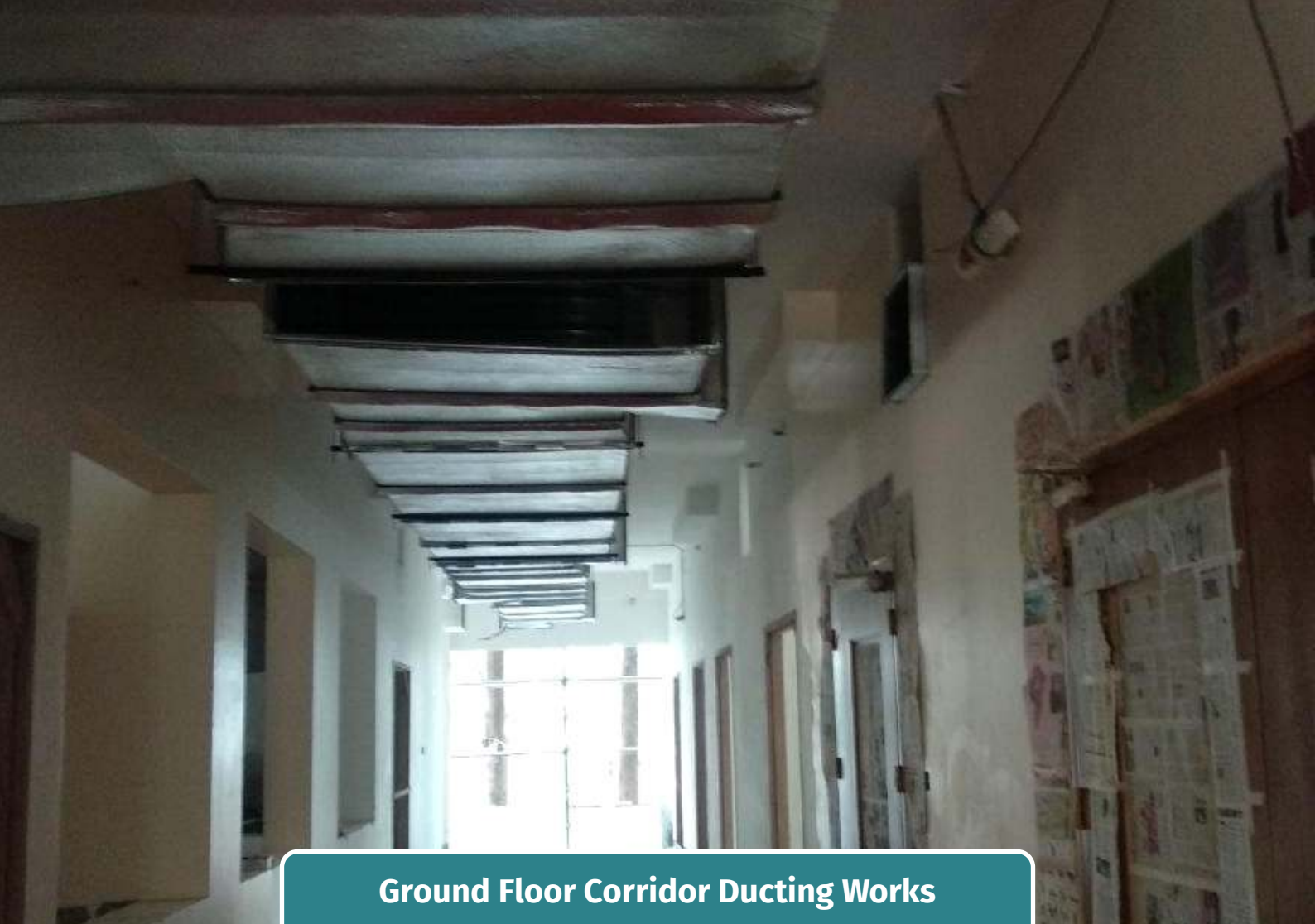
Boys Restroom and Girls Restroom



Corridor



Second Floor Plastering Works in Progress



Ground Floor Corridor Ducting Works





**YOU ARE A
TREASURE
TO US ALL**

**THANKS
AGAIN FOR
STANDING
WITH US**





V. KRISHNA NANDIVADA (Professor)

Head of the Department

Research Interests: Compilers, Program Analysis,
Programming Languages, High Performance Computing

The Department of Computer Science and Engineering at Indian Institute of Technology Madras has a vibrant student body numbering around 770 and a faculty strength of 35. The full-time faculty members currently consists of 16 Professors, 7 Associate Professors, and 12 Assistant Professors. The current faculty members include 2 IEEE Fellows, 1 JC Bose Fellow, 3 Indian National Academy of Engineering Fellows, 1 Indian National Science Academy Fellow, 1 National Academy of Sciences Fellow, 1 International Speech Communication Association Fellow, 1 Fellow of the World Academy of Sciences for the Advancement of Science in Developing Countries, and 1 Fellow of Computer Society of India. The current faculty members also include 1 awardee of the Swarnajayanthi fellowship, 3 awardees of the Srimathi Marti Annapurna Gurunath Award for Excellence in Teaching, 1 Institute Research and Development Mid-Career Awardee, and 5 Young Faculty Recognition Awardees.

The current faculty also includes 2 Institute Chairs. The Department has Prof. Mriganka Sur from MIT, USA, and Prof. Partha P. Mitra from Cold Spring Harbor Laboratory, USA, as Distinguished Chair Professors in Computational Brain Research instituted by an alumnus, Mr. Kris Gopalakrishnan, a Founder of Infosys. The Department has Prof. David Peleg from Weizmann Institute of Science, Israel, and Prof. Vyas Sekar from CMU, USA, as Visiting Chair Professors instituted by two alumni, Venky Harinarayan and Anand Rajaraman. The Department presently offers B.Tech., dual-degree B.Tech.-M.Tech., M.Tech. M.S., Ph.D., dual degree M.Tech.-Ph.D., and dual degree M.S.-Ph.D. programmes. There are about 334 B.Tech. students, 33 dual-degree B.Tech.-M.Tech. students, 141 M.Tech. students, 86 M.S. students, and 103 Ph.D. students.

The Department also offers a web-based M.Tech. in Computer Science and Engineering with a specialization in Information Security for employees of companies. There are 81 students currently enrolled in this programme. The total number of graduands for the academic year 2021-22 is 186. The number of graduands in different degree programmes is as follows: 4 dual-degree M.S.-Ph.D. graduands, 5 Ph.D. graduands, 12 M.S. graduands, 58 M.Tech. graduands, 28 web-based M.Tech. graduands, 18 dual-degree B.Tech.-M.Tech. graduands, and 61 B.Tech. graduands. Out of about 167 Ph.D.s graduated from the Department so far, 100 are in Indian academia, 33 in Indian industries, 26 in academia abroad, and 8 in industries abroad. Several alumni of the Department hold important positions in academia and industry worldwide. The faculty and research scholars of the Department are actively engaged in research activities in several areas of current research topics in Computer Science and Engineering. During the academic year 2021-22, 74 research papers have been published. These include 19 in International Journals and 55 in International Conferences. During the academic year 2021-22, 1 international patent and 1 national patent were granted, and 1 international patent and 1 national patent have been filed.

We are profoundly grateful
for your continuous and generous
backing of our institution.



You are a cherished asset to
our entire group.

Thank you

once more for standing by our side.

Distinguished Alumnus and Donor Shri Subramonian Shankar



1971/B.Tech/EE, IIT Madras; MScE, EE University of New Brunswick

Founder and President, AmZetta Technologies
Founder and Chairman, American Megatrends Inc. (AMI)

"If you are starting a company, you need to understand the product you want to offer and make absolutely sure that the product is super stable and works well. Everything else should follow."

Sri Subramonian Shankar belongs to a small class of techno-entrepreneurs who have made a significant impact on contemporary society. Shankar obtained his B.Tech. degree in Electrical Engineering from IIT Madras in 1971, and his Master's degree from the University of New Brunswick. Shankar was conferred the Distinguished Alumnus Award by IIT Madras in 2000.

Shankar's interests are in technologies related to the computer industry. As the computer technology has evolved over the years, so has Shankar's interest shifted to keep pace with the changing times. Early on, he was involved in the development and manufacture of computer hardware and integrated circuits. As hardware became increasingly commoditized, with value-add increasingly in firmware and software, his focus and attention shifted to keep up with the new requirements. Currently, in a new start-up, his goal is to develop system software products that are easily configurable, scalable and are platform agnostic, allowing Shankar to deliver cost-effective solutions that exactly meet customer expectations.

Shankar has presented numerous papers at conferences and is the recipient of five US patent awards. Over the years, Shankar has received several awards in recognition of his achievements and contributions to the industry. Most notable among them was the Ernst & Young Emerging Entrepreneur of the Year award in 1992.

Shankar's early work was in design and development. When IBM launched its first Personal Computer (PC) in 1981, Shankar saw the dawn of a new era in the computer industry. Shankar moved to capitalize on the burgeoning interest in PC's and developed India's first IBM PC clone. Since all roads in the PC Industry in the 1980's led to the United States, Shankar decided to relocate to the US.

Arriving in the US with just \$20 in his pocket, Shankar founded American Megatrends Inc. (AMI) in 1985 in New Jersey, USA. With no VC funding or financial backing, AMI was started with zero investment. Shankar grew the company by reinvesting its retained earnings. AMI focused on providing core technologies to the PC industry and went on to create a series of world beating products.

AMI's initial success was with the world's first cache based 386 Motherboard that was an instant best seller. They were quickly followed by AMIBIOS which became the world's number one BIOS firmware. AMI continued to diversify its product line by adding a storage controller product for servers, known as MegaRAID, and a remote server management product called MegaRAC. Both MegaRAID and MegaRAC became the world's acknowledged product leaders. Over the years, these products have been used by many of the world's leading companies that have become household names.

In 2019, Shankar stepped down from his role of President and CEO of AMI. However, the serial entrepreneur that he is, he started AmZetta Technologies. Shankar hopes to build the company into another powerhouse of innovative ideas and a world leader in new areas of technology.

Shankar believes in the importance of giving back to the community that helped him reach where he is today. Blessed financially, he has created a charitable Foundation whose charter is to contribute to worthy causes.



Family of Shri Subramonian Shankar

GLIMPSES OF THE INAUGURATION

of the Subramonian Shankar Block on Friday, 17 September 2021



The Subramonian Shankar Block is benefiting so many students and faculties of the Computer Science Engineering Department. The Department of Computer Science and Engineering at Indian Institute of Technology Madras is immensely grateful to you and your family for this altruistic giving of yours. Let us now see the feedback from some of the faculty members and students as to how this building has benefited the Department of Computer Science and Engineering:

Faculty Feedback



"Extremely useful".

- Prof. C. CHANDRA SEKHAR



"SSB has become a wonderful facility equivalent in infrastructure standard with global universities. It would immensely help faculty members and students conduct world-class research with a pleasantly thriving environment".

- Prof. RUPESH NASRE



"It is a wonderful infrastructure catering to various aspects of research and academics in the CSE department. Some of the classrooms are very well equipped, which is particularly great for teaching courses with large number of students. Additionally, we also have some very nice socialising space for both students and faculties".

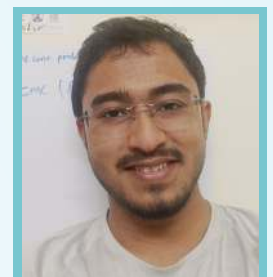
- Prof. AKANKSHA AGRAWAL



Student Feedback

"A proper infra structure for working, especially the laboratories and air-conditioning ofcourse".

- NATARAJ DAS
CS23D404 - Direct Ph. D.



"The classes are so very useful and we are so grateful to Mr. Subramonian Shankar".

- SHANKAR BALAJEE SAMBASIVAM
B. Tech - CSE



**WE ARE
GRATEFUL
TO YOU!**

**Mr. S. Shankar &
Family**

“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 alma mater and how it has remained steadfastly committed to academic and research excellence since your time here.

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!”



Indian Institute of Technology Madras
Chennai-600036. Tamilnadu, INDIA. www.iitm.ac.in

For more information, please contact:
Office of Alumni and Corporate Relations
T: +91-44-2257 8390 | www.acr.iitm.ac.in

Stay connected...



IITM_Facebook



IITM_Instagram



IITM_Twitter



IITM_Linkedin



IITM_Youtube

September-2023