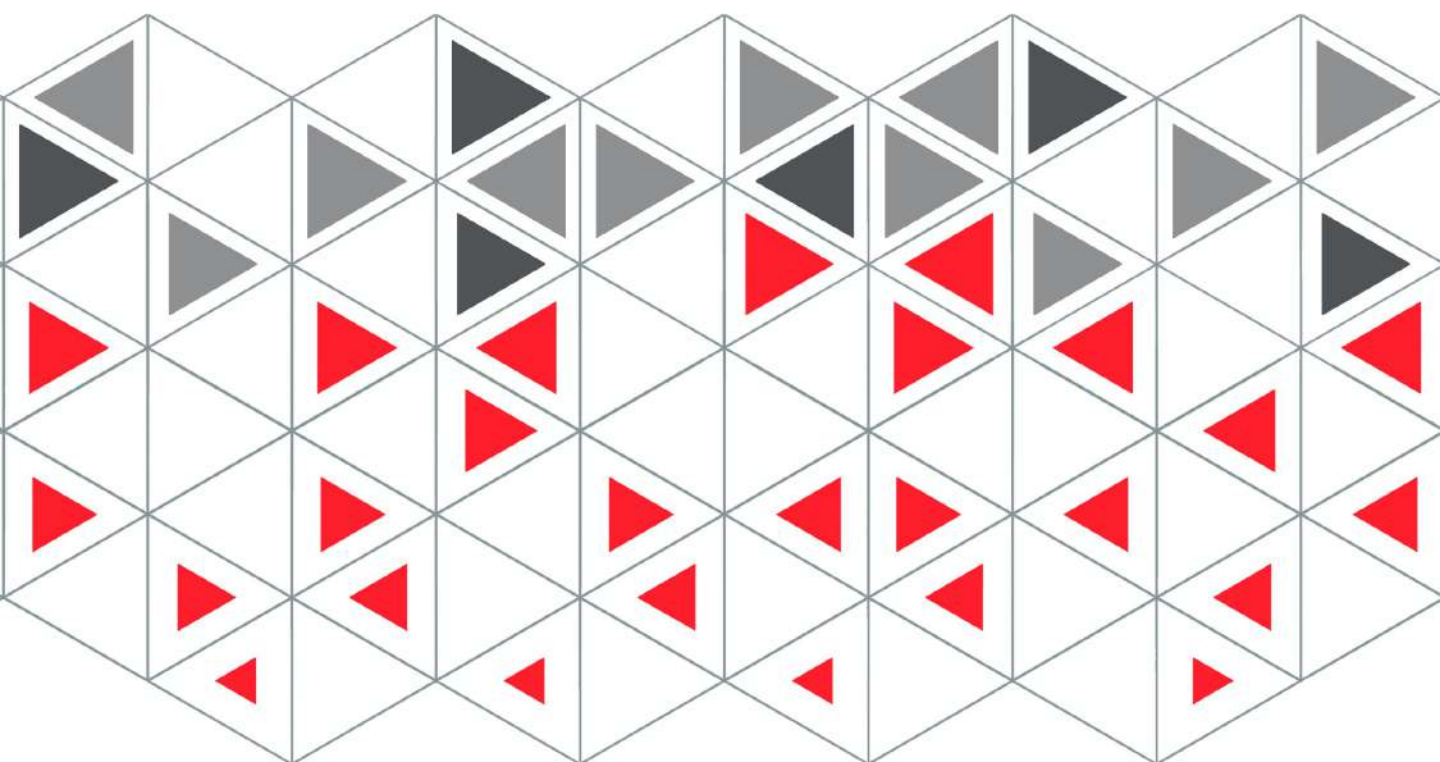


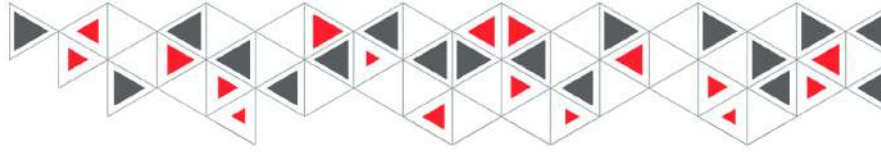


A FORUM FOR
INDUSTRY-IIT INTERACTION,
NETWORKING AND A LOT MORE

ANNUAL REPORT 2020-21

AUGUST 15, 2021





PRESIDENT'S OVERVIEW

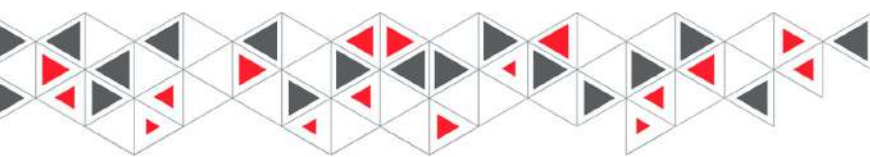


Namaskar to all the esteemed members of the IIT Alumni Centre, Bengaluru!

I am happy to share with you that we had a good year for our Centre despite the entire year being under the Covid pandemic. We were able to maintain presentations of high-quality Webinars that have been attended or viewed by an amazingly large number of people in India and abroad. We were arranging a Webinar every week but later in the year changed this to one every two weeks. Among other speakers, we have had the IIT Directors present very interesting lectures. All this was possible due to Susheela Venkataraman and Ashok Kamath – the Webinar champions. Ashok Kamath edited the first Volume with the first 10 webinars that has been available on our website. The second Volume of the next 10 webinars is ready for launch.

We have made great progress in the construction of our iconic building Bommasandra despite the delays due to the lockdowns. Our aim was to have a soft launch on August 15, 2021 and I feel that our next AGM will be from our very own premises. I must applaud the tenacity and the perseverance of the Building team led by Kumar Nadig along with Shanmugam. We have reached a stage when we can organize a visit to the centre for our members around Diwali this year. We still need about Rs. 6-7 crores to finish the interior work etc. and I would appeal to our members to help in raising the requisite funds for IITACB.

We are committed as ever to create a community and ambience that will enhance the interaction between the Industry and the IITs. You will be glad to know that we have





signed an MoU with KUIDFC for interaction with the IITs and a couple of projects are on the anvil with IIT Guwahati. We now have all the first and second generation IITs as our partners and we are in the process of getting the third generation IITs on board. I would like to thank our Management Committee members who have played a major role in enhancing our interactions with the IITs on one hand and industry on the other hand. The proceedings of our IIT-Industry Conclave held in February 2020 was published and shared with a number of Stake holders. Follow-up and progress on the recommendations slowed down due to the pandemic but we are poised to go forward as soon as things open.

Another landmark for us was that the University of Massachusetts at Amherst became our first institutional member; SRM Group of institutions being the next. We are in an advanced stage of talks with a few industries to become institutional members. We need the help of our esteemed members to have these to increase in the coming year. We also need to increase our membership numbers, which have been going up steadily.

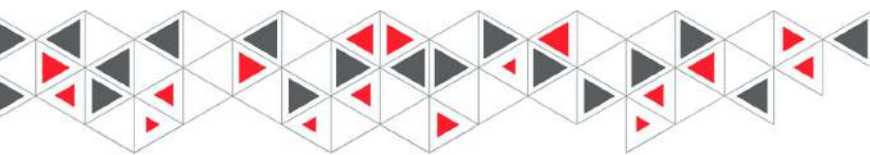
IITACB is in an excellent position to make the difference in the country as we have envisioned over the years. It is a matter of great satisfaction that the IIT Alumni have appreciated our efforts and are coming forward to help us in numerous ways. It is this joint effort that will leapfrog us in the next few years to follow. With our building ready soon our presence will be better felt as it will become the hub for several our future programmes. Clearly, we need active support from every one of you for the fruition of our dreams and to contribute to the Indian society.

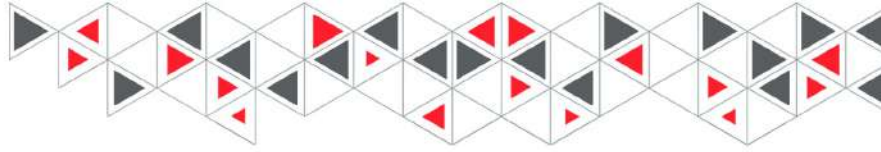
It has been an exciting journey for me personally to be a part of IITACB, a unique and vibrant organization with the support of a very committed Managing committee.

It is my privilege to welcome all of you to the AGM of IITACB today.

Wishing you all the best for the 75th Independence Day of our great nation. Jai Hind!

Ashok Misra



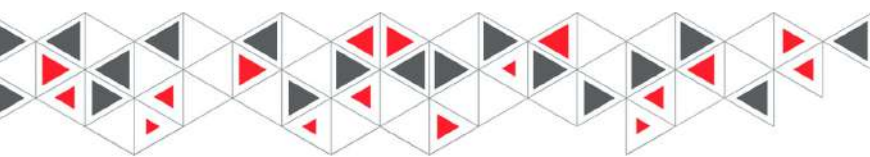


SECRETARY'S REPORT

The Financial Year 2020-2021 was a difficult year as well as a fulfilling year in many different ways for IITACB. The Covid-19 pandemic brought many hurdles in our progress but it also forced us to think differently and keep the buzz around IITACB going – and, I believe, we have done well this year.

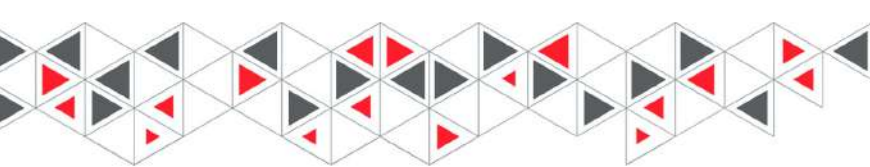
I would like to share with you all the successes your Centre has had during the course of the year.

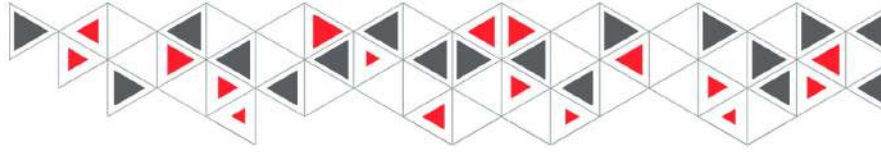
1. We were able to sharpen our focus and articulate our goals better and it is best summed up with the following. In 2014, the then Governor General of Canada David L Johnston told a gathering of IIT Alumni in North America “As stewards, it is your responsibility to improve your institution, and to give back. To make it better for the students that will follow you. Your community has supported you. Taxpayers have shown their confidence in you by making a major investment in your future”. Therefore, with this in mind we are striving to ensure that the glory that is IIT does not fade away and we can only do this when industry and society see the IITs as the powerhouses they are.
2. The construction of our brick-and-mortar Centre began in earnest from November 2018 and as on March 31, 2021, we have nearly completed the entire structure despite significant delays caused by the Covid-19 pandemic. From the Managing Committee of IITACB, Kumar Nadig and K.Shanmugham have dedicated many days of their personal time to manage the construction of this massive facility and, on your behalf, I would like to extend our thanks and deepest appreciation to them for their efforts. We expect to start functioning from the new facility before the end of this calendar year – stay tuned for the dates for this soft launch of our new facility. Space for offices of all the first and second generation IITs have been provided for in this soft launch.





3. In earlier years, IITACB would host a Third Saturday Monthly Meet (TSMM) where we would have speakers from different disciplines and also bring in the IITs to speak to alumni in Bengaluru. Since the Covid pandemic we have been unable to do this and have started our Webinar series. During the year, IITACB hosted as many as 33 webinars and this has been very well received – we have had sizeable audiences both live and watching the recorded videos on YouTube. And we have been fortunate to have very wide range of good speakers. Besides the webinars, teams at IITACB have been working hard to facilitate projects into the IIT system and we had our first success at the end of the financial year (in March 2021) when MEITY, Government of India gave a project to IIT Dharwad – in collaboration with IIT Hyderabad and IIT Bhubaneswar – for innovations in Natural Language Processing (NLP). Susheela Venkataraman along with Anand Talwai have been instrumental in getting this moving – many thanks to them.
4. Our Membership has been steadily growing but, in the coming quarters, we would like to see an accelerating rate of memberships into IITACB. Our Membership Committee comprising M. Thiagarajan and Seema Sibbal have worked tirelessly in cleaning up our databases and are available to respond efficiently to any membership queries. On behalf of the Governing Council, I would like to request all our members to bring in new members to IITACB – as and when you have leads, please do share them with us.
5. Our Finances have been very astutely managed by our Treasurer, Dhananjay Collur and many thanks to him for his unstinting efforts to bring in sponsorship revenue and also manage to maximize our earnings by making appropriate deposits – we have, as you will see from our financial statements, got a substantial sum in interest and have not put our capital at risk.
6. During the year, we made substantial improvements in getting our social presence enhanced. Our new website is live and please do log into the website where you will see information on all aspects of IITACB. Moreover, you will also find links to all of our webinars, the webinar compilation(s), videos from the IIT Industry Conclave 2020, etc.





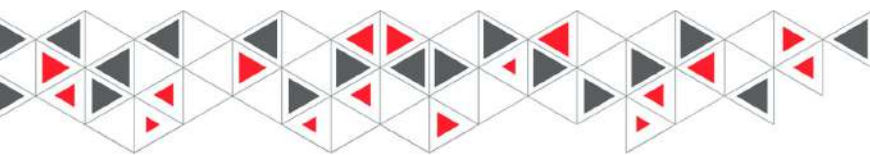
We would like to thank our Statutory Auditors M/s. S. Ramprasad & Co., for their professional services to your Centre. Finally, a big round of thanks to our office bearers – Prof. Ashok Misra, President PSV Ananthanarayan, Vice-President; Dhananjay Collur, Treasurer; and Susheela Venkataraman, Joint Secretary.

Stay Safe and Stay Healthy !

A handwritten signature in blue ink that reads "Ashok Kamath". The signature is fluid and cursive, with a horizontal line underneath the name.

Ashok Kamath

Hon. *Protem* Secretary





TREASURER'S REPORT FOR FY 2020-2021

I am happy to present the Treasurer's Report for the financial year 2020-21. During the last financial year, our total operational expenses was Rs.17.25 lakhs. On the income side, we received Rs.1.24 lakhs as event attendance fees and Rs.3 lakhs as logo sponsorship for Webinars. We also collected from Sundry Debtors an amount of Rs.5.15 lakhs. The balance cash flow was managed since we had an opening balance in the bank. We also collected Rs.29.93 lakhs towards Institutional and Life Membership. Year on year, we need to generate monies to run the Centre and the planned sources (till our new facility is fully operational) are as follows:-

- Sponsorship for events
- Banner advertisements on our web site
- Fees received from new members

I request all members to help us in raising money for Operating Expenses.

Towards our new building, apart from land, our spend has been Rs.10 crores. We have enough money to complete the structure and are looking to raise funding for interiors and for a small corpus.

We are looking at the following sources:-

- Balance money from IITs which is progressing well
- Donations from HNIs
- Funds for naming of auditorium, Incubation Centre, Seminar Halls, etc.
- Institutional Memberships

Here again, we are looking for active participation from our members in raising these funds, so any leads are welcome.

Given on the next page are details of expenses, incomes, building spend, funds available all extracted from the financials provided by auditors along with and budget for the coming fiscal year.



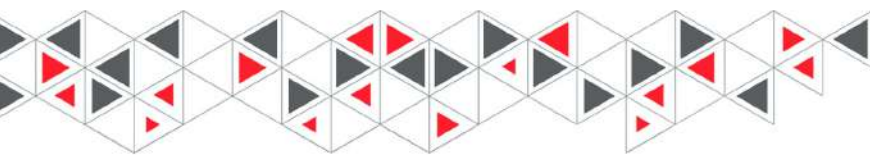


**INDIRECT
EXPENSES
FY 2020-2021**

EXPENDITURE HEAD	AMOUNT
To Audit Fees	15,000
To Bank Charges	3,365
To Domain Renewal Charges	51,945
To Printing & Stationery	74,447
To Professional Charges	11,55,250
To Postage & Courier	6,551
To Conveyance Charges	1,562
To Web Services	26,400
To Bad Debts	1,952
To Rates & Taxes	46,157
To Written off of Excess Accrued FD Interest (reconciliation entry)	85,521
To Subscription & Membership Fees	2,57,524
TOTAL	17,25,675

**BUILDING
EXPENSES
AS ON
31/3/2021**

Expenses Head	Amount
Land Purchase	1,11,56,343
Land Registration	20,48,200
Labour Cess	11,57,424
Architects Fee	26,72,700
MEP Maple	5,84,100
Engineering Services - Chetana	8,85,000
PMC India Build Homes	43,60,100
TMT Bars - Kaushalesh	67,06,359
Steel - JR Metal	1,09,99,154
Steel - Ram Power	32,87,279
Civil - NCCL	5,94,27,759
Excavation	83,93,703
Leed Certification Eco 360	1,98,240
Soil Testing (F S Engineering)	2,18,212
Borewell Expenses	3,37,622
Miscellaneous	3,48,724
Total as on 31/3/2021	11,27,80,919





**INCOME
FY 2020-2021**

Income Head	Amount
By Event Income	124676
By Sponsorship Fees Received	300000
By Sundry Creditors Written back (reconciliation entry)	45524
By Interest On IT Refund	20933
By Donation Received	45000
By FD Interest	1455305
Total Income	1991438

**BALANCE
WITH BANK
AS ON
31/3/2021**

Account Head	Amount
Fixed Deposit	5,10,21,090
Cash in Hand	1,400
SBI BDF Fund A/c- HSR Layout	28,23,133
SBI Membership Fund A/c - HSR Layout	16,79,179
Total	5,55,24,803

We also have about Rs. 5 lakhs TDS receivable which is not reflected here

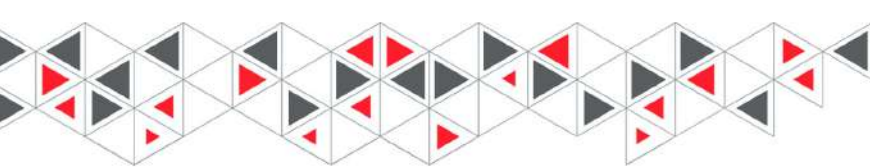
**Budget for FY
2021-2022
(Operations)**

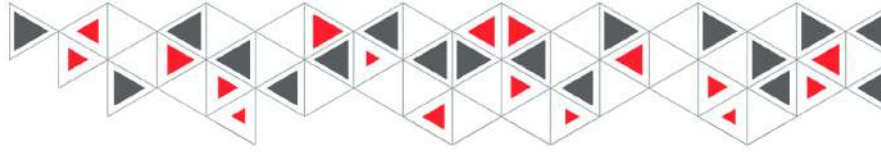
Expenditure Head	Amount
Consultants	12,15,000
Audit Fee	15000
Subscriptions	3,94,400
Office Expenses	1,57,500
Office Maintenance	7,05,000
Total	24,86,900

**Budget for FY
2021-2022
(Building)**

We have estimated that Rs. 5 crores is required for completion of civil works and another Rs. 5 crores is required to complete Phase-1 of the building.

Total Estimate for building for FY 2021-2022 is Rs.10 crores





IITACB KNOWLEDGE EVENTS FOR 2020-2021

The IIT Alumni Centre Bengaluru (IITACB) has been running the Third Saturday Monthly Meet (TSMM) series for several years. The purpose of the series is:

1. To enable networking amongst IIT alumni based in Bengaluru
2. To inform members and non-members about developments in different areas of Science and Technology
3. To inform Industry about the work being done in the IITs
4. To promote interaction between the IITs and Industry

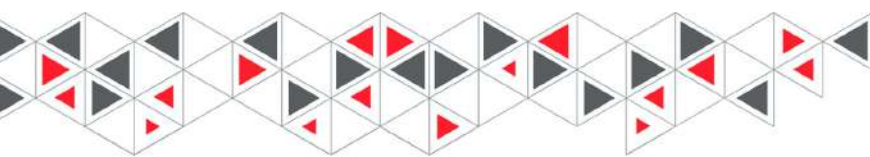
In April 2020, we switched to an online format and have been running webinars on a variety of topics throughout the year. A total of 33 webinars were run during the year.

- 6 on Basic Science
- 10 on “What is going on in the IITs?”
- 3 on The future of Education; and
- 14 on Technology in Industry

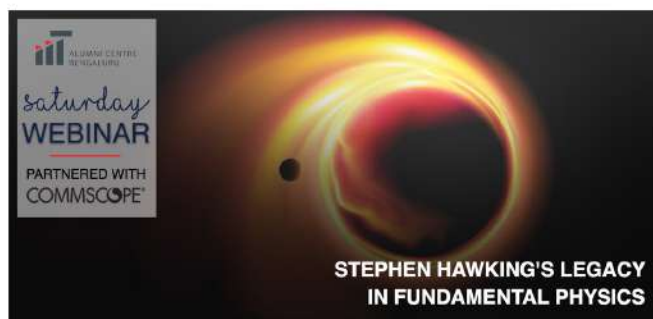
The advantage of the online format has been our ability to record the talks and make them permanently and openly available for all to see. We are also able to access speakers and viewers from across India and other countries.

All the webinars may be viewed at:

<https://www.youtube.com/playlist?list=PL0zMQ-70IHIX-df3u2Tto6dkKHCRC6iFL>



The list of the webinars is given below:



PROF. RAJESH GOPAKUMAR | APRIL 18, 2020



PROF. SATYAJIT MAYOR & DR SHAHID JAMEEL | APRIL 25, 2020



PROF. SUBHASIS CHAUDHURI ; PROF. V. RAMGOPAL RAO
PROF. T. G. SITHARAM ; PROF. SARIT KUMAR DAS | MAY 1, 2020



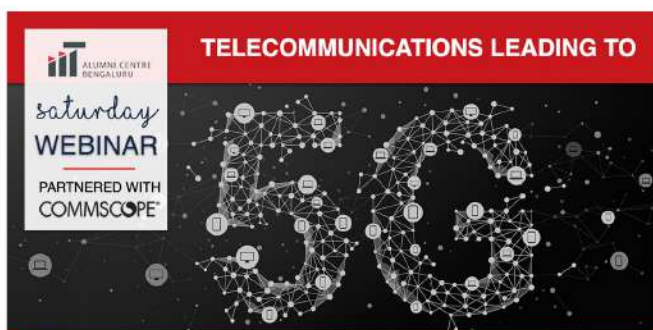
DHANANJAYA DENDUKURI | MAY 2, 2020



PROF. T. G. SITHARAM | MAY 9, 2020



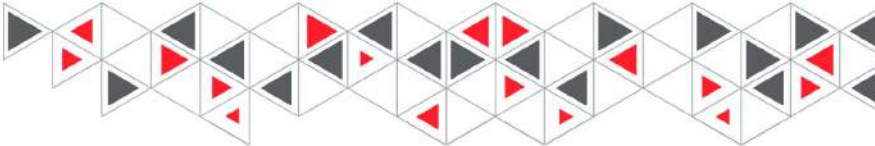
DR. KAUSHIK VAIDYA | MAY 16, 2020



MR. SANJAY MASHRUWALA & PROF. ABHAY KARANDIKAR | MAY 23, 2020



PROF. TIMOTHY A. GONSALVES | MAY 30, 2020





ALUMNI CENTRE
BENGALURU

saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



WHY WE SHOULD CARE ABOUT TURBULENCE IN CLOUDS

PROF. RAMA GOVINDARAJAN | JUNE 6, 2020



ALUMNI CENTRE
BENGALURU


saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



INNOVATION AND ITS APPLICATIONS IN HEALTH


MR. PARAG SAXENA | JUNE 13, 2020



ALUMNI CENTRE
BENGALURU

saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



POLYMERS

A WORLD OF INNOVATIVE MATERIALS

PROF. ASHOK MISRA | JUNE 20, 2020



ALUMNI CENTRE
BENGALURU

saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



IMPARTING SENTIMENT AND POLITENESS ON COMPUTERS

PROF. PUSHPAK BHATTACHARYYA | JUNE 27, 2020



ALUMNI CENTRE
BENGALURU

saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



JULY 4, 2020

EDUCATIONAL INNOVATION FOR A POST-COVID-19 WORLD



ALUMNI CENTRE
BENGALURU


saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



JULY 11, 2020


THE POST-COVID INDIAN START-UP:
BIGGER, MORE INNOVATIVE, WORLD LEADER



ALUMNI CENTRE
BENGALURU

saturday
WEBINAR

PARTNERED WITH
COMMSCOPE



FLEXIBLE ELECTRONICS AND THE FUTURE OF DEVICES

DR. SIDDHARTHA PANDA | JULY 18, 2020



ALUMNI CENTRE
BENGALURU

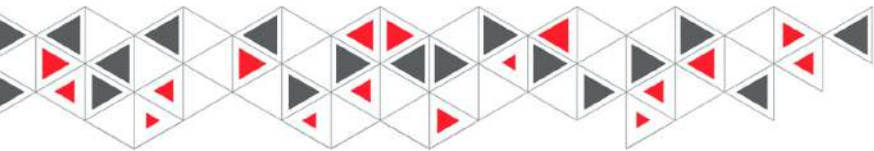
saturday
WEBINAR

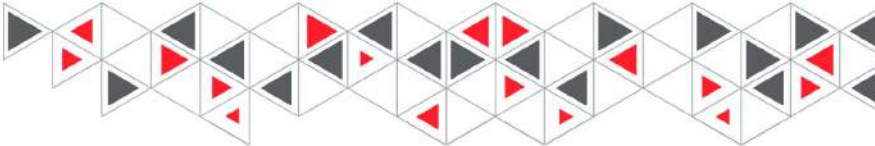
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ECONOMIC GROWTH AND INEQUALITY

DR. AJIT RANADE | JULY 25, 2020







INDIA INTO THE NEW SPACE AGE: OPPORTUNITIES AND CHALLENGES

DR. K. RADHAKRISHNAN | AUGUST 1, 2020



INDIA AS R&D CENTRE FOR REST OF THE DEVELOPING WORLD FOR INTERVENTIONS USING SUSTAINABLE ENERGY.

DR. HARISH HANDE | AUGUST 8, 2020



AI IN MANUFACTURING

ANIRUDDHA BANERJEE | AUGUST 22, 2020



THE WORLD IN 2050 AND BEYOND - BY LORD MARTIN REES

HOPES AND FEARS ABOUT FUTURE TECHNOLOGIES, ON THE GROUND AND IN SPACE
SEPTEMBER 5, 2020



THE IIT MADRAS RESEARCH PARK JOURNEY

PROF. M. S. ANANTH | SEPTEMBER 12, 2020



TECHNOLOGY IN GOVERNANCE: OPPORTUNITIES, CHALLENGES & NECESSITY

MUNISH MOUDGIL | SEPTEMBER 19, 2020



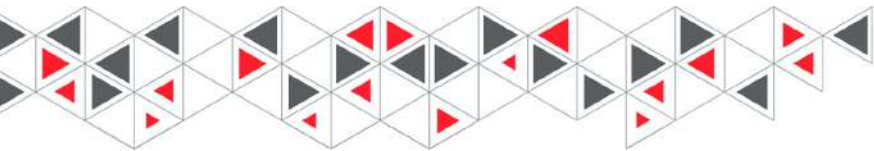
HERITAGE IN THE DIGITAL SPACE: INNOVATIONS IN PRESERVING, DOCUMENTING AND PRESENTING HERITAGE

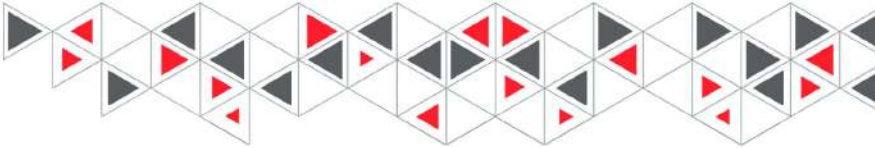
PROF. SANTANU CHAUDHURY & DR. ANUPAMA MALLIK | SEPTEMBER 26, 2020



SHEDDING LIGHT ON THE DARK MATTER IN THE UNIVERSE

PROF. ROHINI GODBOLE | OCTOBER 10, 2020







saturday WEBINAR
PARTNERED WITH COMMSCOPE™



ELECTRONIC VOTING MACHINES IN INDIA
TECHNOLOGY THAT MAKES THE LARGEST DEMOCRACY MOVE.

PROF. RAJAT MOONA | OCTOBER 17, 2020



saturday WEBINAR
PARTNERED WITH COMMSCOPE™



ASSISTECH : INCLUSIVE SOLUTIONS FROM LAB TO USERS

PROF. M. BALAKRISHNAN | OCTOBER 31, 2020



saturday WEBINAR
PARTNERED WITH COMMSCOPE™



A HIGH-QUALITY, ONLINE UNDERGRADUATE PROGRAMME AT SCALE?

PROF. BHASKAR RAMAMURTHI | NOVEMBER 7, 2020



saturday WEBINAR
PARTNERED WITH COMMSCOPE™



ATMANIRBHAR BHARAT
PRIORITIES FOR THE INDIAN MANUFACTURING SECTOR

BABASAHEB NEELKANTH KALYANI | NOVEMBER 21, 2020



saturday WEBINAR
PARTNERED WITH COMMSCOPE™



TOWARDS AN AATMANIRBHAR BHARAT IN ENERGY - TECHNOLOGY IMPERATIVES

MR. SEETHAPATHY CHANDER | DECEMBER 5, 2020



saturday WEBINAR
PARTNERED WITH COMMSCOPE™



HARNESSING THE POWER OF SOLAR RESOURCE RICH COUNTRIES

MR. UPENDRA TRIPATHY | DECEMBER 19, 2020




saturday WEBINAR
PARTNERED WITH COMMSCOPE™

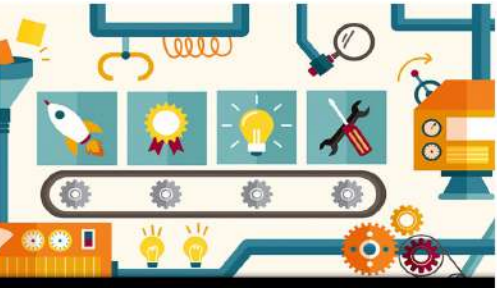


ENHANCING INTERNATIONAL COLLABORATION IN EDUCATION AND RESEARCH

PROF. MARK S. WRIGHT
JANUARY 16, 2021

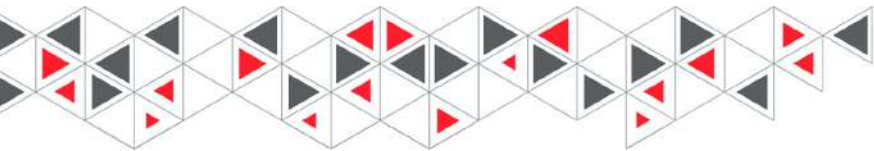


saturday WEBINAR
PARTNERED WITH COMMSCOPE™



FROM INVENTION TO INNOVATION - THE EMERGENCE OF IITs IN THIS VIRTUOUS CYCLE

PROF. P. V. MADHUSUDHAN RAO | MARCH 6, 2021





AI CENTRE OF EXCELLENCE

The objectives of the CoE are:

- To conceptualise and support projects to address issues of national/ social importance
- To support curation and creation of open resources for faculty and industry across the country (and internationally)
- To support development of skills and understanding of AI and related technologies
- To popularise adoption of AI technologies in industry

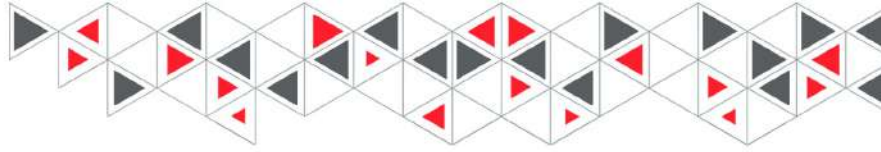
To ensure that these objectives are met, the AI Task Force was constituted with members from the IITs and Alumni with industry experience. Seminars and workshops are being planned to build skills in language processing and its relevant technologies.

PROJECTS:

1. Speech to Speech Translation for Tribal Languages using Deep Learning Framework

IITACB through the AI task force facilitated the conceptualisation of this project which has been awarded by MEITY. It will be executed through a collaboration involving multiple IITs, IIIT Dharwad, EkStep Foundation, and IITACB.

The objective of the project is to develop a Speech- To-Speech-Translation (S2ST) system for Tribal languages using a deep learning framework. The proposed S2ST translation will

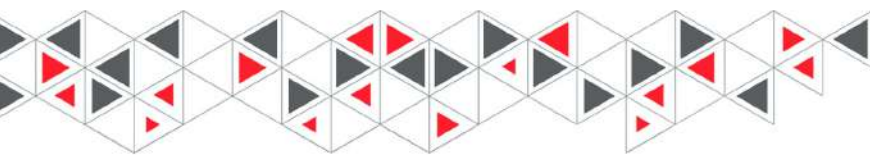


help the tribal population to better understand information available in Indian English and also integrate with other communities using their own language. 4 tribal languages, Soliga and Lambani (Karnataka) and Kui and Mundari (Odisha) have been selected for this phase. The steering group drawn from across the various participating organisations conducts periodic reviews to assist in successful completion of the project.

2. IITACB signed a MOU with KUIDFC (Karnataka State body) to address urgent technology-related urban problems faced in Karnataka using the IITs

Problems Include:

- Sophisticated Instrumentation for water supply and allied services
- Advanced technologies for Pumps for raw water and pure water
- New technologies in Water Treatment Plants
- Designing and building distribution network systems for service delivery and monitoring.
- Civil Engineering issues; latest construction techniques, etc.



BUILDING COMMITTEE REPORT AS ON MARCH 31, 2021

SYNOPSIS:

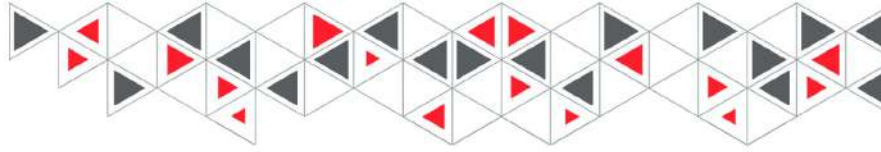
- Located in Bommasandra Industrial Area, Bengaluru
- Architectural competition held on February 2nd, 2016
- Architects M/S. Chandavarkar & Thakkar chosen by the jury panel headed by Prof. Pradipto Banerjee, then Director of IIT Roorkee.
- Building plans approved by KIADB on November 11, 2018
- Bhoomi Pooja on February 11th, 2018
- Construction started on December 17th, 2018

Building design consists of 3 basements, Ground, Mezzanine and 3 upper floors.

Total Built up area is about 94,000 Sft

Broad facilities includes an imposing large double height entry lobby, state-of-the-art Auditorium with 400 seating capacity, 2 Seminar rooms of 40 seating capacity, office / work area of 30,000 Sft, spread over 3 floors, roof top cafeteria, landscaped garden with amphitheater and various spill out / huddle spaces.





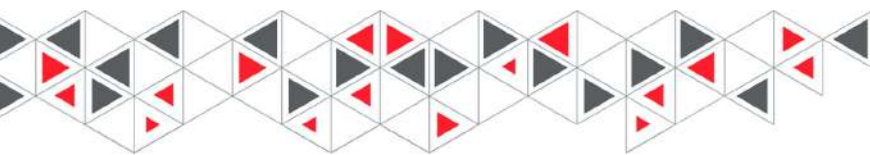
The project originally scheduled to be completed in 24 months, is scheduled to be completed by end June 2022. Much of the delay is due to factors beyond our control, starting from hard rock excavation, flooding of basement due to breach in the stormwater drain behind to Covid imposed lockdowns. Currently, the last terrace slab is in place, all civil works would be complete by end October 2021.

Finishing and Fit outs are planned in 3 phases:

Phase 1 Completion of Ground, Mezzanine and First floor office space, with fit outs.

Mezzanine floor will house the building estate office and First Floor will house offices for 17 IITs.

Entrance lobby has been redesigned to be enclosed, with glazed curtain wall.





Phase 2 Completion of Basement 1 & 2, office floors 2nd 3rd floor.

Basement 1 has one seminar room with provision for another, Library and spill-out space for the Auditorium.

2nd & 3rd floors house the Incubation Centre, and has space for a Centre of Excellence.

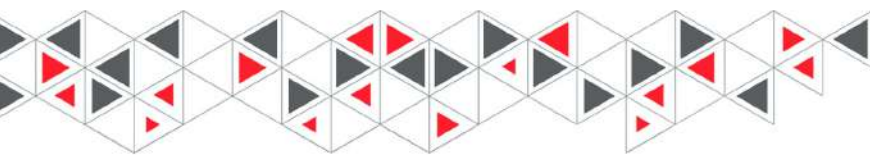
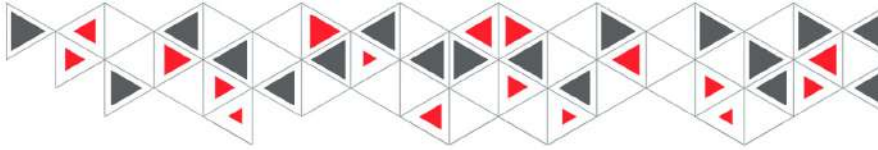
Phase 3 Completion of 3rd Basement, Auditorium and the Roof top cafeteria.

Completion of landscaping and amphitheater.



We expect the building to be partly operational by end November 2021, and fully operational by June 2022.







Registered under the Society's Act in Karnataka
Regn No: SOR/BLU/DR/1028/2010-11

REGISTERED OFFICE: 56, Sai Maruthi, 13th Cross, Malleswaram, Bengaluru 560 003

NEW CENTRE: Garden Residency-Bommasandra Link Road, Off Hosur Road,
Bommasandra Industrial Area, Phase 1, Bengaluru 560 099

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