

IIITDM Kancheepuram
presents

MARG DARSHAN

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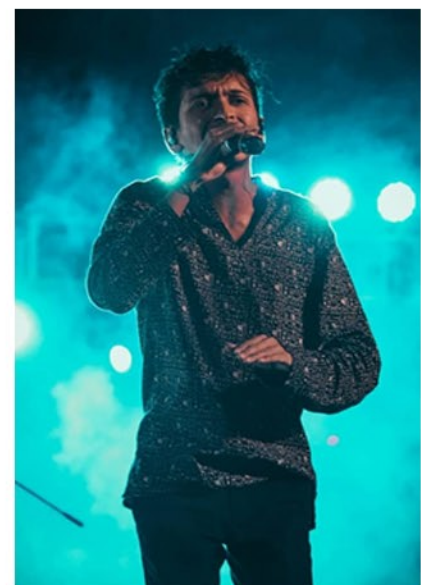
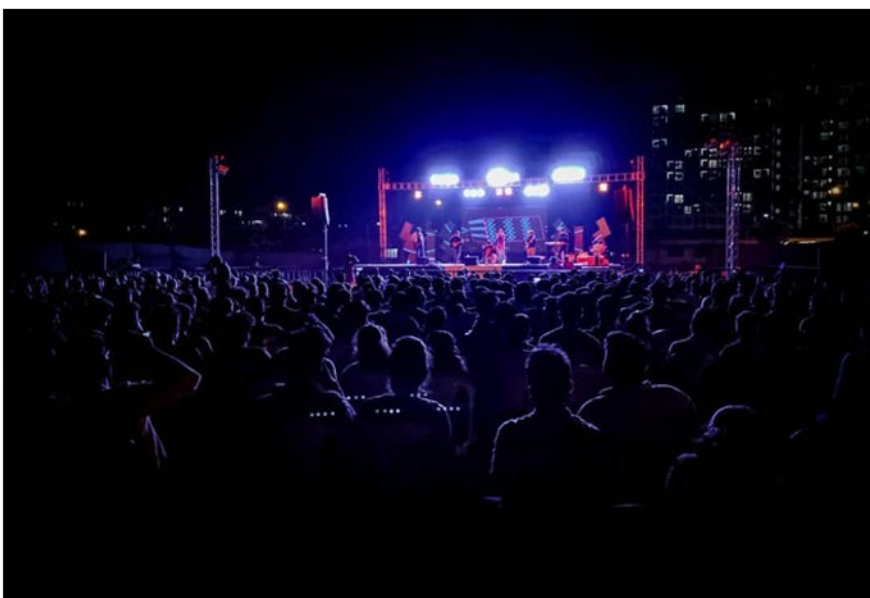
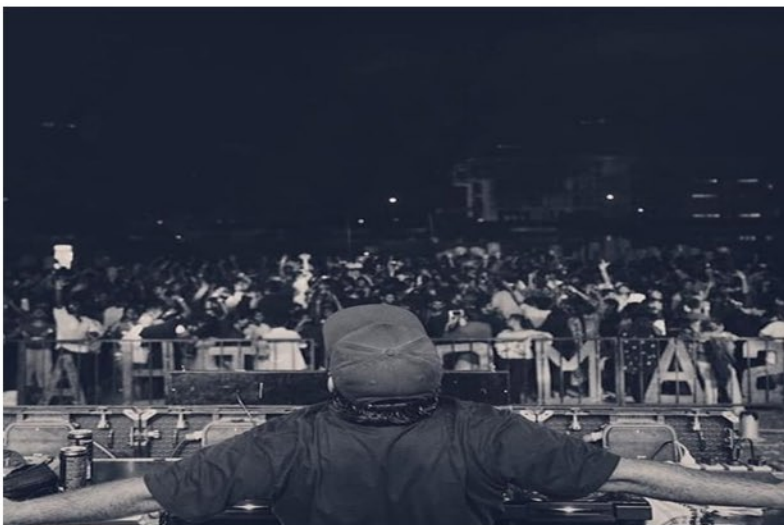
Holi Celebration

Colours, laughter, fun and frolic marked the Holi celebrations at IIITDM this year. Students gathered around Banyan to play with colours and water, and enjoy a traditional Holi celebration at our institute. In an initiative to save the environment, all product used were environment-friendly and non-toxic, thereby making it an event to cherish and remember.

Samgatha

Spread over three days, Samgatha, meaning “Confluence”, is the annual inter-college festival of IIITDM. For the first time, it was a culturals only festival, after it being split into Technical (Vasisht) and Culturals (Samgatha).

Following tradition, the various clubs of our institute (Art, Music, Dance, Lit and Drama) conducted a variety of entertaining and exciting events that garnered huge participation from students all around. In 2019, Samgatha played host to a variety of pro-shows like EDM night, Rock Night and Comedy Night and the visiting performers and artists were met with huge rounds of applause and cheers.



Dandia Night



As a celebration for all dance lovers out there, a “Dandiya night” was organised this year. Colourful lights and decorations attracted students, who joined in large numbers to showcase their dancing skills and have a good time. The night witnessed some graceful dance moves, dainty duets and much more as students swayed to the enticing music.

Women’s Day Celebration

International Women's Day is celebrated in the world over, every year on the eighth day of March. It celebrates womanhood and pays tribute to the indomitable spirit of women across the globe. It's roots lie in the early 1900s when oppression and inequality was spurring women to become more vocal and active in campaigning for change.

The objective of the programme was to create awareness of gender equality for a healthy society. Also, the milestone to be reached was the awareness among the students and faculty which will further result in overall development of nation and its community. The event commenced by 5:30 pm on 8th March 2019 .

Director, Dr.BanshidharMajhi, Director inaugurated the event with a speech and talked about his inspiration and motivation which made him to be a better person.

Dr. Binsu J Kailiath shared her journey in life, about the challenges of being a teacher, a mother, a wife, a sister, a daughter and above all, a woman. She ended her speech with a short note to all girls and women, to stay strong and to always balance family and work . “family should always be the first priority” she said, “for everyone , men or women , girls or boys” .



Dr. Priyanka Kokil, Professor In Charge of cultural, appreciated the efforts put in by the culturals team for organising the event. It was intriguing that she brought her son with her , portraying the balance Dr. Binsu was talking about.

The audience also witnessed wonderful performances by Nimilikha, Ratanjali Tiwari, Nayan, Vaishnavi. Students also shared their thoughts in three different languages, namely, English, Tamil and Malayalam. Also five wonderful girls students shared their success journey.



The event was coordinated by Dr. Priyanka Kokil, faculty coordinator and Dharmesh, student coordinator.

Consortium

A social gathering where students come together, share their life stories, talk about the personnel and professional feelings and dynamics inside the college. It promotes healthy interaction between students and brings a sense of togetherness among the diverse population in the institute. A story-telling session was conducted, and students participated in large numbers to share their tales. A whole range of emotions like happiness, joy, sorrow, and comedy were brought to life and the night witnessed tired students going back to their rooms with light hearts, and happy souls.

SPIC MACAY

We have a active local chapter of SPIC MACAY which is the Nodal center for all the colleges nearby. Great Indian classical artist PanditShubendraRao and PranshuLal conducted an event on 11 Feb 2019. We spent a wonderful evening with great Sitar and tabla player. This event was coordinated by Dr. Priyanka Kokil, faculty coordinator, Culturals and K Bharati, student coordinator.





Next event was Sarod Recital by PanditShriTejendraMajumdar who was accompanied by Shri Arup Chattopadhyay on the Tabla. The event was conducted on April 2, 2019. The event witnessed an amazing crowd of around 60 enthusiastic Indian classical music lovers. The event was coordinated by Dr. Priyanka Kokil, faculty coordinator and Dharmesh, student coordinator.

STUDENTS & FACULTY ACHIEVEMENTS

On February 17, 2019 Team **AgriMax** of IIITDM consisting of students Subhajit, Hrishikesh and Aneesh participated in Ventura E-Summit held at NIT Trichy to Pitch their product “Smart: Hydroponics” under the CleanTech Sector nominations. The team won **Best Start-up Award** and potential funding of Rs 50k to accelerate the work.

Students Sandesh Bharadwaj, Prathamesh Daware, Ram Bahal Tiwari, Chitratha Dixit, Roshan Patel, Vishva Bhate, Prathamesh Degwekar qualified for **AUV Singapore challenge** on January 17, 2019

Dr. Asutosh Kar, Asst. Professor, IIITDM Kancheepuram became an Associate Editor of Circuit, Systems and Signal Processing, Springer.

Dr. Asutosh Kar is also principal investigator for project titled “Development of an advanced electronic device for privacy in conversation over mobile phones using active noise control techniques” Sponsored by GMI Chennai Pvt. Ltd, Amount-29.88 Lakh for 36 months and MOU was signed on February 4, 2019.

BiRD & PDS Lab

Inauguration of Bio-inspired research and Development (BiRD) Laboratory & Photonic Devices and Sensor (PDS) Laboratory

The research laboratory dedicated to bio-inspired and photonic based research has been inaugurated by honourable Director of IIITDM, Prof. BhansidharMajhi , Prof. C. Vijayan, Professor, IIT Madras and Prof. S.P. Venkateshan, Emeritus professor, IIITDM Kancheepuram. The laboratory is established with the unique combination of Bio-inspired engineering, Laser spectroscopy, Design and modelling, Electronics and Chemistry. The lab perspective, present works and long term goals are explained to the dignitaries presented in the event.



Invited talk by Dr. Dmitry N Makshimov, Kiransky institute of Physics, Krasnoyarsk, Russia.



Design Innovation Centre

Design Centric Approach Workshop

Design Centric Approach workshop conducted by Design Innovation Centre, IIITDM Kancheepuram in association with EDII TN for two batches on February.1-2, 2019 (Batch 1) and February 19-20 ,2019 (Batch 2). A total of 32 students in Batch 1 and 20 students in Batch 2 from various colleges have participated in the Workshop. The students were introduced to design centric based approach thinking through various presentation sessions like Design Thinking for Innovation and Entrepreneurship, Design History, Product Realization using Arduino, Hands on experience workshop, Product design : Future and scope, Hands on experience on Arduino.

Sessions by Dr. Sudheer Varadharajan & Dr. Naveen Kumar



Sessions by Dr. Munesh Singh & Mr. Dhanasekaran



Inauguration & Session by Dr. Munesh Singh



Sessions by Dr. Naveen Kumar & Mr. Dhanasekaran



Hands on Experience on Arduino Session & Participants



MaDeIT

Advancing Design Thinking & Product Innovation

January 8, 2019: As part of the MHRD Institute Innovation Council, organized for the live webcast of the leadership talk by Mr Anand Mahindra. The talk was attended by 200+ students, 4 faculty members.



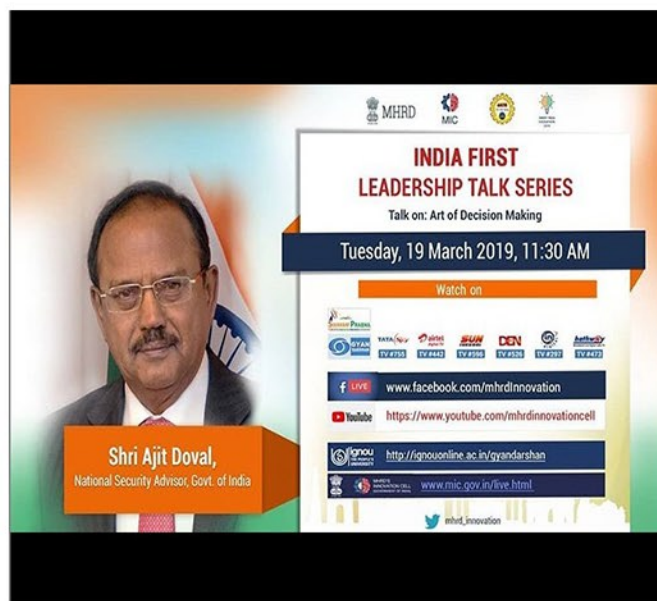
January 11, 2019: As part of the MHRD IIC, organized an invited talk on IP Management and IPR by Ms Anuja Aiyappan, Patent Attorney at Ericsson Global Services, Chennai. About 80 students, 5 faculty members participated in the same.

February 1-2, 2019: MaDeIT organized a two-day hands-on workshop “Smart Contracts with Blockchain” to promote awareness of the blockchain technology among incubatee companies and students. The workshop was delivered by an industry expert Mr Srikant Madduri. It was attended by about 20 participants including professionals from Lucid Technologies, ThoughtBit and Tech Mahindra.

February 9, 2019: The first hackathon on smart products included 55 teams. About 210 students from third year PDP course participated in the hackathon and tried to accelerate their smart product prototypes. Teams made meaningful progress through this one-day event.



March 21, 2019: The Institute Innovation Council hosted the telecast of discussion with Mr Ajit Doval. About 50 students and 3 faculty members participated in the event.



March 24, 2019: The second hackathon on smart products included 130 teams. About 420 students from 2nd and 3rd year participated in the hackathon and tried to accelerate their smart product prototypes.

Incubation Activities:

February 8, 2019: MaDeIT organized its seventh round of incubatee selection on 8th Feb 2019. About 6 companies were invited for the selection and three were shortlisted by the selection panel. One of them (Max Edu solutions) has signed the contract with MaDeIT.



February 22, 2019: With a view to shape policy discussions during the Festival of Innovation and Entrepreneurship MaDeIT organized a roundtable discussion on Waste to Wealth. About 15 participants (founders of Incubatee companies, MSMEs and academicians) involved in Green Tech and Clean Tech participated in the discussion. The findings were summarized and submitted to the National Innovation Foundation.

4-5 March, 2019: In order to promote incubation opportunities with MSMEs, MaDeIT put up a stall in the flagship MSME event – UDYAM SAMAAGAM.



27 March, 2019: MaDeIT put up a stall in the CII-SR MADE conference. The stall attracted senior managers of leading companies like Saint Gobain, JK Fenner, Valeo, Tech Mahindra, BFW, Prestige TTK and CEOs of SMEs and startups.

Industry Outreach:

4 January, 2019: Mr Sundar, Head of Strategic Initiatives, JK Fenner and Mr Srihari, HR Head, JK Fenner, Chennai delivered a talk to IIITDM students.

12 January, 2019: Dr Sudhir Varadarajan delivered a lecture on “Systems Engineering and Innovation” at the workshop on “Innovative Futuristic Technologies for systems of national importance” organized by the Indian Society for Systems Engineering, Coimbatore Chapter, at PSG Tech, Coimbatore.



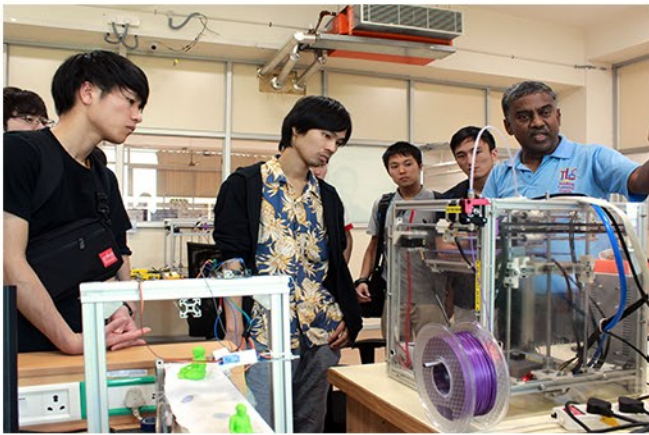
February 15, 2019 and March 6, 2019: Dr Sudhir Varadarajan chaired the Technical committee and also participated in the Steering Committee meeting of the Innovation Voucher Program launched by EDII and IDC, Govt of Tamilnadu.

February 18, 2019: IIITDM signs a MoU with NASSCOM CoE for Data Science, Artificial Intelligence and IoT. This partnership will focus on developing the ecosystem to support industry 4.0 initiatives in the manufacturing sector.



March 16, 2019: Dr Sudhir Varadarajan participated in a panel discussion on “Academic institutions are gold mines for nurturing budding entrepreneurs” organized by PALS, an educational initiative of Alumni of IIT’s at ICSR Auditorium IIT Madras.

PMMMNTT Teaching Learning Centre



Seven Japanese interns and one official from Nagaoka university, Japan visited TLC Labs.



A Robotics and Innovation Lab to promote student innovations was inaugurated in Lightworkers Academy, Nallampakkam by Prof. Banshidhar Majhi, Director. 3D printers, Milling Machine and Underwater robots from TLC were showcased to students, parents and visitors of the school.



10 STEAM lab students from a Bengaluru Government high school along with their mentors and SRF Foundation project engineers visited TLC and discussed their plans and strategy for their participation First Tech Robotics competition 2019.

Dr S R Pandian along with two TLC staff conducted a 2-day hands-on workshop from 10 to February 11, 2019 in Blind Relief Association school for the visually impaired in New Delhi on the use of 3D printers and CNC machines for developing custom teaching materials for the classroom.



Group of 20 students and teachers from Government High school, Kandigai, Lightworkers Academy, Nallambakkam and TLC staff and research scholars from IIITDM and IISc Bengaluru led by Dr S R Pandian visited Japan during March 7 – 15, 2019 under 'Sakura Science plan' at the invitation of Nagasaki University which has MOU with IIITDM. They visited Nagasaki University research labs, local manufacturing industries, and met with mayor of Nagasaki city.



TLC's "Low Cost Build Your Own Three Axis CNC Mill" won 2nd prize of Rs 25,000 in the product demo event organized by Indian Metal-Cutting Machine Tool Exhibition (IMTEX) in Bengaluru from January 24-30.

Mr. Ajah Victor, a research scholar from University of Nigeria, Nsukka visited TLC during March 4-5, and got familiarized with its activities. He expressed interest in adapting some of the TLC technologies for use in Nigerian universities and schools.

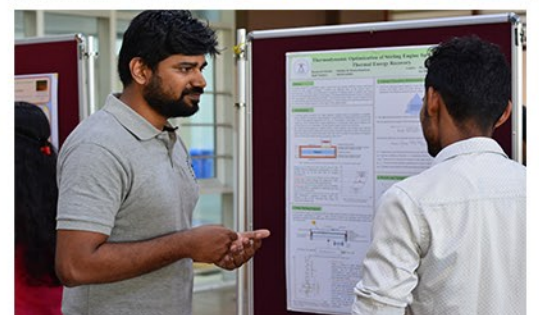


Research Scholar's Day

Research Scholars Day was celebrated in IIITDM Kancheepuram on February 28, 2019. The event commenced with Invocation by Music Club followed by Lamp Lighting and Souvenir release. The gathering was addressed by Director Prof. Banshidhar Majhi, Prof. S. P. Venkateshan and Dr. T. S. Narayanan, who illuminated us with their past experiences and how they tackled the problems in research.

There were three keynote addresses given by eminent personalities from various backgrounds, first talk titled “Quantum Information Technology” was given by Dr. G. Raghavan, IGCAR. Second talk on “To bridge Industry and Academia with Research” was given by Mr. Nagarajan Pichumani, Resileo Labs.

There was poster presentation session by research scholars of IIITDM, this session gave opportunities to every one to interact with PhD scholars and know their respective research work. This was followed by a final talk on “Technological Challenges in Manufacturing of Missile Hardware – An Overview” was given by Dr. John Rozario Jegaraj, DRDL, DRDO.



INVITED TALKS AND OTHER ACTIVITIES

Dr. Dmitry N Makshimov, Kiransky Institute of Physics, Russia. gave a talk on topic “GoosHanchen and Imbert Federov shifts of Laguerre Gaussian beams reflected from dielectric interfaces” on January 3, 2019.

Dr. Ashish Ghosh, Professor and Head of the Machine Intelligence Unit, Indian Statistical Institute, Kolkata gave a talk on topic “Machine Learning and the Applications” on February 22, 2019.

Dr. Sushmita Ghosh Professor, Dept. of Computer Engg, Jadavpur Univerisity. gave a talk on “Soft Computing Techniques and the Applications” on February 23, 2019.

Workshop on “Technology driven Innovation & Entrepreneurship” by Prof. Dr. Krish Sankaran was conducted on March 27, 2019.

On April 3, 2019 Prof. Aruna Kumar, the co founder of Lead India training modules, along with two of his colleagues conducted a Faculty Development Programme for Nation Development in line with the "Aap Badho Desh Ko Badhao" scheme of Lead India Movement.

An invited talk by eminent professor Dr Steffen Leonhardt, Chair for Medical Information Technology, Helmholtz Institute for Biomedical Engineering, RWTH Aachen University, Germany. on topic “Closed-loop Systems in Medicine – why nature is closing the loop and we should do that, too!” was conducted on April 15, 2019.

Team SSG (Social Service Group) of "IIITD Kancheepuram" in association with "Cancer Institute Adyar", conducted a blood donation camp at IITDM campus, on March 27, 2019.

Prof. Indranil Sen Gupta from the Department of Computer Science and Engineering, IIT Kharagpur delivered a talk on "Recent trends and Technologies" on March 29, 2019.

Dr. Krishnasamy T. Selvan Professor in the Department of ECE, SSN College of Engineering, India gave a talk on topic “Reflective Thinking” on April 16, 2019.

IIITDM, Kancheepuram has signed an MoU with IIT Madras. This MoU enables Student Exchange, Research Collaboration and Admission of top 10% of the B Tech students of IIITDM (after 6th semester) to Direct PhD admission at IITM.

IIITDM Kancheepuram has signed a MoU with NASSCOM's Center of Excellence (CoE) for Data Science and Artificial Intelligence. The MoU will help both parties to collaborate and develop the ecosystem for promoting smart products and processes in the manufacturing sector. Dr Sudhir Varadarajan, Dean (Design, Innovation & Incubation) will work with NASSCOM's CoE to develop the ecosystem.



Computer Science Club of IIITDM Kancheepuram conducted workshop on “Introduction to C++”, between January 30, 2019 to March 6, 2019 divided into different sessions.



भारतीय सूचना प्रौद्योगिकी अभिकल्पना, एवं विनिर्माण संस्थान, कांचीपुरम
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