



IIITDM
KANCHEEPURAM

MargDarshan

September 2022

INSIDE

**Summer Days of Jubilation
Scarlet Beams in INSTI
Hues of Patriotism on 15th**

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अमृत महोत्सव



NCC PARADE ON INDEPENDENCE DAY

ABOUT IIITDM

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram (IIITDM) is an Institute of National Importance under Ministry of Education and setup in the year 2007 with a vision to produce a new breed of engineers to support the competitiveness and growth of the Indian manufacturing sector with knowledge-intensive and creative products and processes. In other words, a model of engineering that synthesizes the best practices of IITs (Technology), IIITs (IT), and NIDs (design). IIITDM is also strategically placed in the proximity of the industrial clusters in Chennai and UNESCO heritage sites like Mahabalipuram and Kancheepuram.

In 2009, IIITDM under the mentorship of IIT Madras, introduced an inter-disciplinary and design-oriented engineering curriculum in three streams - mechanical, electronics and computer engineering. In 2014 a major enhancement was done to promote design-centric engineering education. In 2016, IIITDM launched the world's first undergraduate program in smart manufacturing. These practices along with the development of innovation and incubation ecosystem have been instrumental in IIITDM being placed in the Band-A (Rank 11-25) among the Institutes of National Importance in the Atal innovation ranking (ARIIA 2020). The undergraduate and dual degree programs have got the attention of corporates such as AMD, Daimler, MathWorks, PayPal, Saint Gobain, Samsung, TAFE, Trimble, TVS Motors and several technology startups. IIITDM students have also got admissions into graduate and Direct-PhD programs in institutions such as Dartmouth, Univ of Minnesota, Umass Amherst, Columbia Univ, Trinity College (Dublin), TU Delft (Netherlands/Denmark), NTU/NUS Singapore, IISc, IITs & IIMs.

The disruption unleashed by COVID-19 and the National Education Policy (NEP) launched by the Govt. of India provide a strong tailwind to the design-centric model of engineering education pioneered by IIITDM. IIITDM used the COVID lockdown situation to further review its program with reputed experts from industry and academia and create a roadmap to advance interdisciplinary design and innovation. Design-centric education is fundamentally about creating a new learning environment that nurtures curiosity and calls for a more unified approach to development of mind-body-morality, aspects that are fundamental to the NEP. The new undergraduate programs in IIITDM create more options for engineering students to get different levels of maturity in Product Design or get minors in a complementary branch of engineering or science. In the emerging context, where the manufacturing industry in India is reinventing itself to embrace digital technologies (industry 4.0), and plug the supply chain gaps to create a self-reliant India, IIITDM and its students are poised to play a pivotal role.

Content Credits Dr.Sudhir





Prof. D V L N Somayajulu

“

Our Institute goal is to be in
Top 5 of National Ranks
in ARIIA with in the Next Five Years! ”

From the day I took charge as the director of IIITDM, I've seen this institute prosper in all disciplines and today I'm very proud and happy to be a part of the institute's 15-year anniversary milestone, I wish to congratulate all the Deans, Heads of the Departments, Registrar, my dear faculty colleagues, staff members, and my beloved students on this special occasion.

Our institute was set up under MHRD in the year 2007 with a vision to produce a new breed of engineers. In 2014 a step was taken by the institute to bring a major enhancement by promoting design-centric engineering education. As we stand 8 years past the commencement, our design-centric model of engineering has caught the attention of many leading companies through the design and management courses being taught in all the semesters and the industry open house events (EHIPASSIKO).

I am really glad to inform you that all the faculty members and students of our institute have very well adapted to the online mode of the teaching-learning process in spite of the disruption unleashed by COVID-19 and our students from technical clubs have taken this as an opportunity to come out in flying colors and have brought laurels to our institute. Students of the SAE club, despite being a first-time team have managed to fabricate an in-house ATV for the SAE-mBaja competition and have made it to the Final round. Our college Mars team has secured the 2nd position All over India surpassing the other IITs such as IIT Bombay and IIT Madras and our AUV team is the only team representing India in MATE ROV international competition. My hearty congratulations to every student and faculty member who has contributed to their success and helped them reach such great heights. Additionally, our institute has been one of the first institutions to conduct a cultural and technical fest completely offline during the pandemic times and get a huge turnover of 1500 students from the other colleges, I would like to appreciate the students for conducting the event in a fantabulous manner.

Many students are unaware of the Prime Minister Research Scholarship program, this is a wonderful opportunity that is only available to students graduating from central government institutes in India. The idea behind this scheme is, that the student needs to submit a proposal in association with any industry or a faculty member and if the proposal is sanctioned the student will be provided with Rs. 80k per month and a scholarship for 5 years already 2-3 students from our institute has received the scholarship in the previous years but I wish the number of students availing such scholarships in the future years should be higher.

With immense rapture, I would like to inform you that our institute has secured the 21st rank in ARIIA 2021, and 184th position in the NIRF ranking, and our future goal is to be one of the top 5 colleges in the ARIIA ranking.





Prof. Sreekumar describes his journey as "training to be a perfect teacher"

I was one of the very first to join IIITDM Kancheepuram. Just after completing my Ph.D. in IITM, I joined IIITDM in Nov 2008. My journey in IIITDM has been a "Training to be a perfect teacher". I have been a part of the Applied Mechanic lab, Measurement lab, and Design and Manufacturing lab and further proceeded to start the Robotics and AI lab in 2019. My ideology is to train the younger generations with the proper skill set to be industry ready. I have served as the Dean of Faculty Affairs for 4 years and have tried my level best to improve the faculty strength in our institute. I also had the opportunity to be a visiting professor at the University of Genoa, Italy to teach the European Master of Advanced robotics program.



Dean of Faculty affairs Dr. Naveen plans on diversifying the curriculum

In a world of constant progress, I believe teaching is a profession where one gets an energetic feeling while interacting with young minds. Having been the 6th faculty to join the institute on 1st January 2009, my primary objective has been to develop an interest in physics among students through interaction. As our institute possesses is filled with various departments, specializations, exchange programs, minors, design and innovation, AI and Machine learning courses along with the extensive interdisciplinary research it is an added advantage and it ensures that we have a bright future ahead of us. I am very happy to be associated with Vidhai, The student-run non-profit initiative to help underprivileged students, it has been a wonderful experience providing needy students with financial support and transportation facilities for collaborating with TLC to conduct programs to promote quality education among the students. The institute is aiming to automate certain procedures, introduce new changes based on the new education policy, and also compose a plan to diversify the curriculum involving different dimensions so that the institute can produce engineers who can solve problems of today's world efficiently.



Dean of DII Dr. Tapas Sil advises young minds to be "Confident and trust yourself".

I have been a part of this institute from the first batch in 2008 and established the physics lab right from scratch. I was inspired by scientists and their discoveries at a very young age and made up my mind to go into the field of basic sciences, teaching, and research. My journey in the past 15 years has lots of experience, learning, and joy with all my favorite students. In 2014, I served as the Associate Dean of Academics and played a role to change the curriculum to incorporate design courses to promote product-oriented learning which is now giving the students a boost in the start-up culture. I would like to ask young students who are afraid to take start-ups as a career to have faith in themselves and trust the process and come forward to take up a startups as a career.



Assistant Registrar Mr. Ravi Kumar, strongly believes the NIRF ranking will improve

I joined IIITDM in the year 2011, presently the institute has 85 faculties and 60 staff working for the institute. In terms of placements, the institute has grown almost double in the last three years and achieved a successful 97% placement rate including M.Tech and in the upcoming years IIITDM will have immense growth in research work improving the NIRF ranking and innovations rankings".





Dr. Siva Prasad
“As the hostel warden I’ve grown to develop personal connections with students”

I joined the institute in May,2018. I am very happy that the faculty strength in the mechanical engineering department has increased thrice compared to the initial strength and the students have significantly achieved milestones by getting selected in the top 30 in SAE and AUV competitions and the students have utilized the time spent in the pandemic very efficiently and improved not just the start-ups but also the placement statistics by attracting companies such as Mahindra and Mahindra. As the current hostel warden, I wish to develop personal connections with students and understand the interests of students and cherish them as memories.



Registrar
Mr.A Chidambaran,
points out the uniqueness of IIITDM

The institute's journey started in 2003 when the cabinet note approved IIITDM. In 2007, the institute was set up in IIT Madras and functioned there till 2007 when the government of TN allocated this land in Melakottaiyur, and the PEMS building was one of the first to be constructed. Currently, 1840 students are present on the campus enrolled in the B.tech, M.Tech, and Ph.D., and the recent addition is the M.Des program. One of the important things about the institute is it is unique in its way because it is not a conventional IIT or NIT, it is a blend of design, engineering and manufacturing it is a distinctive attempt by the government of India. Without a doubt, the institute's growth has been exponential and within a decade perhaps IIITDM will be recognized as an elite institute ranked on par with IIT Madras.



HOD of SIDI
Dr. Sudhir believes that the Institute’s mandate is in line with emerging times.

I would describe my journey in the institute as “Fluid”.The School of Design which was set up in 2020 offers a unique opportunity for young minds to explore their potential. The school focuses on the importance of empathizing with the problems faced by society and making a difference in society through one’s contribution. I would ask all the students to come out of the mindset of fear of failure and experiment. People can experiment at low risk when they’re in the classroom and form partnerships in this environment. Colleges play a transformational role in the process of innovation and the institute mandate is certainly in line with the emerging times. If we stick to the mandate and what the institute is essentially set up for, there is scope for this institute to emerge in a differentiated model in the future.



Prof. Binsu says perseverance is the key

I was one of the first faculties who joined this institute. I joined the institute on 8th October 2008. I have seen this institute grow over the years in different directions. My area of research and specialization is VLSI and I have worked on many projects and patents. Recently, I submitted a patent this April where we worked on Anomaly detection of bio-physical signals which went on to receive several awards. Perseverance is one of the many reasons for my contributions to the industry. Moreover, Challenges are essential in one’s life as they provide an opportunity for growth. I am very much sure that the institute will reach glorious heights in the upcoming years through the combined efforts of the faculty and students.





Mr. R Gunasekaran is impressed with the newly defined curriculum

I joined IIITDM in the year 2015. I am very much fascinated by the impeccable infrastructure of this institute. Let it be the academic buildings with adequate space to house nearly 1500 students or the hostel rooms with separate balconies, Wifi setup, and other important facilities. I'm also impressed by the newly defined curriculum of IIITDMK, which was created by various people from the top institutes of this country (IITs and NITs). The same curriculum will also be revised every 5-7 years. My only advice to students is to utilize all these facilities that are provided and reach great heights in the future.



Dean of SA Dr. Sivaselvan "The online transition was rather convenient"

I joined the institute on 21st Dec 2008 as part of the first batch of faculty to join IIITDM Kancheepuram. The most memorable moment in the institute was when IIITDM became one of the early IIITs to hold the tag of "Institute of National Importance". The online transition was rather convenient from evaluation to helping differently-abled students make the best use of online benefits. It was fascinating when many students came forth to learn the concepts with practical experience even if there were no practice sessions, they made the best use of the equipment and gained a lot of experience through online classes. IIITDM was one of the very first colleges to conduct a tech fest and a cultural fest when other colleges were focused on reopening post the covid pandemic and this year's Samgatha and Vashist was the best one among the ones I have witnessed throughout my tenure.



Mr. Pandiyan is very happy to be a part of IIITDM from day 1 onwards.

I am an Assistant Engineer from CIVIL. I have been associated with this institute since 2009. I joined the institute at the IIT Madras campus as a Junior Civil engineer. I was majorly associated with the development of campus infrastructure from day 1. When I joined the institute it was a barren land. There was nothing except a few trees on the campus, but today I feel happy looking at the multistorey buildings in our institute that were built despite the struggles we faced in the initial days like the procurement of land from the local people. While designing the master plan of the institute the main motive was to build energy-efficient buildings and today we have achieved this in many folds. I would like to thank my team members, faculty members, and staff members.



Dean of SRICCE Dr. Jayavel "The institute will reach greater heights"

IIITDM Kancheepuram provides a vibrant research environment for scholars and students to carry out high-impact research. Faculty members are committed to the integration of research and teaching in their fields of expertise as well as multidisciplinary innovative research. Various clubs and student chapters such as the SAE Club, and the IEEE Student branch Chapter help undergraduate and graduate-level students acquire advanced skills and expertise in their fields of interest. Research centers such as Robotics, IoT, and Smart Manufacturing provide ample opportunity for scholars and students to discover innovative solutions to challenging problems. Our Institute also works with industry and R&D organizations to carry out collaborative research. Collaborative work helps us to receive funded projects and more infrastructure this is already functioning well in the Institute, further strengthening is required. Graduated students and scholars with their contacts can help us to bridge and strengthen Institute Industry collaboration. With an in-depth and excellent research output, I am sure IIITDM Kancheepuram will reach great heights in near future.



As the sun rose the sky hummed with patriotism as the whole crowd held their heads high with pride and saluted as the flag was unfurled. The whole crowd was addressed by our chief guest Group Captain Chandra Sekhar Hiremath, who is a commissioned officer of the Indian Air Force in the Aeronautical Engineering branch for the last 24 years.



Group captain Chandra Sekhar Hiremath



Group captain Chandra Sekhar Hiremath graduated in engineering from Karnataka University and did his Master's from the Defense Institute of Armament Technology Pune. He is also an alumnus of the very prestigious Institute of Indian Armed Forces - Defense Services Staff College Wellington. Group Captain trained on Mikoyan MiG 27 ML fighter aircraft popularly known as "Bahadur" and also worked on Israeli Jammer Pods and Electronic Warfare Suites. He is closely involved in Tejas's project for a decade and was the Commanding officer of 24 Technical Type Training School of Light Combat Aircraft Tejas before taking over the Mechanical Training Institute in Tambaram.



Samgatha as the name goes by it takes us through the nostalgic lane where we witnessed the first post covid event.

AMGATHA



The Days of joy:

All the people's faces were lit up because of excitement and the hype of the pre-samgatha event which kept our spirit high. The walls of the academic buildings were filled with drawings of our favorite Kung fu pandas and Anime characters the whole campus was filled with samgatha T-shirts and gangs of people shouting, taking selfies which signaled us that the cultural event was on...

Around 10 am, there were groups of people rushing towards H04. A story-developing competition called *Kadha Kelu Kadha Kelu* was organized where teams were asked to develop a story and the best story won. As we entered, the hall screamed with sounds of horror and adventure as each story unfolded. At 11.30 am, when the story development was done a competition to create their dream characters through *comic strips* was organized. When the story and the characters were done and dusted it was time to *lawyer up* where we were provided with a topic and the person who gave the best extempore speech until the buzzer went off won it.

It was story time again but this time we were given a starting sentence and were asked to *spin the yard* and come up with a whole story. After cudgeling our brains throughout the day, our stomachs growled for food so we reached the food stalls that kept pulling us through their aroma. The stall was filled with pizzas, brownies, and ice creams. After we filled our stomachs, it was time to aim at chocolate-filled cups where we were given ping pongs to point at the cups and the people who aimed correctly went to win the chocolates. After *ping pong balls* it was *Mario time*, where we got to put in 10 rs and as we reached a higher level more amounts was given as prizes. Now, it was time for some *behind-the-scenes* where we got to watch our student-made short films. Around 6-7 short films were simultaneously screened at H05 and H15. Simultaneously a *Kollywood quiz* was conducted at H04 where we got to test our knowledge of our favorite Tamil films.

How is it a complete movie time without music? So, around 4.30 pm we went in search of music and we saw 1/4th of the football ground was covered with tall black cloth which held QR scanners and hummed and welcomed us to the war field, the *battle of bands* event began. Around 9 bands competed against each other and the best among them won the battlefield. It was time to end the day with rounds of laughter, for which the whole ground was vacated. To witness the *Pro shows* there stood a queue from the ground to the stairs of Akshaya as each one of stare in awe. The comedians bounced in beginning with *Shyama Harini* who gave a solid 15 min act to prepare the people for the most awaited *Naveen Richard* who came up with totally fresh content and kept us engaged for 45 mins.

Day 2:

The second day began with *Kanchi feud*, a quiz competition where we were asked to download a phone app to buzz the buzzer and burst out answers to the questions that were asked based on our college. After the quiz, we began playing the whiteboard *wordle* followed by *Jenga* to keep us engaged. Once the mind-engaging activities were done we hit the food stalls to keep our stomach engaged. After which we entered H15 to witness *Groovin*, the solo dance competition which lit our souls and eyes on fire as each competitor let their western and classical dance skills out. Around 6 pm, there was a much longer queue this time from the starting of pems block to the black shawls of the castle, to witness another war but this time it was for the *Dance wars* contenders who kept their eyes on the throne, and the audience couldn't take their eyes off their war skills. Around 9.30 pm we started getting *vintage vibes* which made us vibe for cult songs from all languages and got us prepared for the most expected *Swastik band* a black shirt and veshti squad got in giving us Nivin Pauly vibes and unfurled their music.

And that's how the 2 days of joy came to an end.





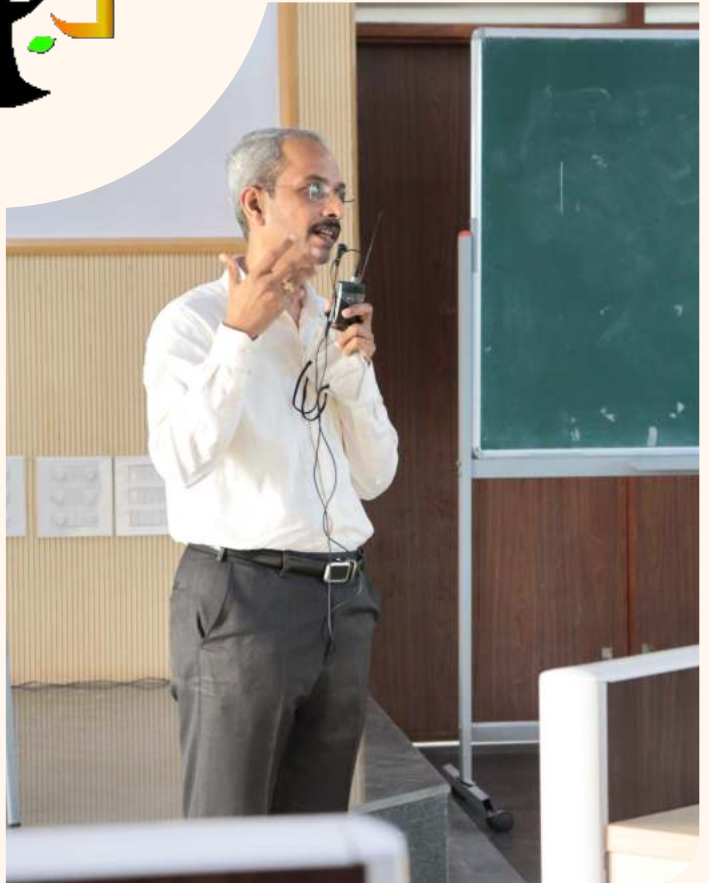
VASHIST

Vashist is an annually hosted inter college fest providing students the opportunity to come up with ideas and practical applications with the latest advancement of technology making dreams a reality. Vashist 2022 with the theme being "reflections" witnessed a huge turnout of 700 participants out of which 150 were from external institutes and colleges.

The events and the problem statements were designed keeping in mind the experience the students would be having and the impact on the problems faced by the institute (like management). Vashist 2022 comprised five flagship events, nine competitions, three workshops, one exhibition, and two informal events conducted on April 4th and 5th. Vashist hosted flagship events such as Pitchfest conducted by the EPIC club for aspiring student entrepreneurs to pitch their start-up ideas in front of esteemed juries and created a holistic network with the investors having a massive turnout of 94 teams. The robotics club arranged P2R2 for 10 participating teams to design and build a robot using a serial manipulator to perform the task of picking and placing. The CS club organized a 24 Hackathon and CTF, an online-offline treasure hunt where 90 teams used their extensive computer knowledge to decipher hints to locate the hidden artifacts in college. Circuitronics, a 2-stage circuit analysis took place with 13 competing teams. A student-run interactive workshop, what's about wattage, was held along with an emissions and control workshop by Mr. Satyanandan from Ashok Leyland and a CAD and CAM Software workshop by CADMAcRO.

Coding and soldering contests were conducted. Triumph is a contest where students had to build a surface-propelling robot. An online multistage design Industrial design challenge Abstract was held, along with Mix and Match, a fandom design challenge to deliver a concept of a random fictional character's props based on the prompts. Hack it live had 50 enrolled teams to understand key security concepts and tag align with the host to understand the world of simulated hacking. Langwars is an event where students were given an opportunity to recreate an image using style sheet language. In the Director or data scientist event students were provided with a given problem statement along with multiple datasets with the task of building a model to accurately predict the potential results of the hidden data set. The Mars rover exhibition was arranged which had a turnout of around 350 to witness the rover live. Students were also provided exposure to 3D pen technology. Other challenges included laser beam redirection, blindfolded remote-controlled car navigation, and Rubix cube puzzle solving. Laser tag, a game of defeating opponents with a laser gun was organized.





Hi, Bye, and Everything in between:

Can you guys believe that it's been six months since we had our first post-covid offline classes? During these 6 months, the college has gone through a rollercoaster ride, a whole rollercoaster is generally put together by bolts and nuts without which it won't be able to withstand the pressure in the same way our college was held together by students who helped withstand the pressure. Now that the bolts have been replaced it's time to bid farewell.

So this will be an appreciation writeup for all the iSAC members followed by a few lines from all the cores.

A set of handpicked students were given the opportunity to help the smooth functioning of the institute. The iSAC had 8 major wings as listed below.



SHARATH D
CULTURAL CORE

"Being a part of iSAC has been a tremendous opportunity for me to meet new people, collaborate with them, learn a lot, and improve myself. I will always treasure my excellent memories from the previous year."

Cultural Affairs

It was pretty much of a shock when it was announced that Samgatha is going completely offline when the whole world was still processing covid, it was a gutsy move to go completely offline. Being one of the first colleges to celebrate a completely offline event the expectations were set high. But besides all the doubts and confusion the event was pulled out in the best possible way. The cultural affairs team was led by Sharath devanand an ESD18 batch student along with Taniya Kulkarni COE19 batch student and Amit Prasanth a CED19 batch student without these people we wouldn't have been able to talk about samgatha 22' today. It must have been a hectic task to pull up such a big event but Sharath deserves applause for taking care of everything starting from the pre-samgatha events to the post-samgatha dinners, from celebrating festivals to the successful holding of all clubs. A big thank you to the whole team and wishing them all the best for their future endeavors and to host more such events and make a place in everyone's heart.

A special mention to Sharath for being both the Cultural Affairs secretary and the iSAC-Core and for holding the whole of the iSAC bundle together and We Wish him a wealthy, healthy, and Happy future.





A BALAVIGNESH
TECHNICAL CORE

"Being a part of iSAC has been a tremendous opportunity for me to meet new people, collaborate with them, learn a lot, and improve myself. I will always treasure my excellent memories from the previous year."

Technical Affairs

When Vashisht was announced to be organized along with samgatha people were afraid that vashisht might go unheard but vashisht was renounced and reflected brightly in the form of laser beams. The technical affairs team was led by Bala Vignesh an EVD18 batch student along with Sujith an MDM18 batch student, JR Sukesh an MDM19 batch student, Shivansh Dhakka an MDM19 batch student and Sreenivas Dheeraj a COE19 batch student. Starting from the club events to the fun games everything was taken care of by Bala Vignesh and his team but they did it in the best way possible. A big thank you to the whole team and wishing them the best of luck for all their future endeavours.



K MITHELESH
HOSTEL CORE

I still remember when my day used to begin with, "Anna Lan isn't working", and "Mithelesh washing machine isn't working" thanks to all the complaints and a special thanks to everyone who kept your calm and cooperated.. it's been a pretty big task to hold everything in place and make everyone feel at home...I wouldn't have handled it without Gopikrishna, Karthik Bhogi, Nirai, and Pravarthana who stood with me through every Lan and Hostel issue a big thanks to them, and Last but not least thanks to Rakesh Sir, Ramkumar Sir, Debolina Ma'am, Elakiya Ma'am, AVS Sir, Karthik Sir, Nachiketha Sir, and Sivaselvan sir.

Hostel Affairs

How does managing an event for the whole 6 months feel? That's exactly what these people were put into. Managing the hostels and making the students feel at home and making sure everyone lives peacefully must have been a tedious task and doing it for complete 6 months would have put them under a lot of pressure but a team led by K Mithelesh an MPD18 student along with Gopikrishna S an MDM18 batch student, Bhogi Karthik an EDM18 student, Nirai an SM20 student and Pravarthana an ED20 batch student pulled the task in a great manner and put a smile on all the students' faces. People always thought it must be impossible to look after all the 3 hostels and maintain social distancing norms at the peak covid times but Mithelesh and team made sure to give the students liberty and still maintain covid norms, and they made sure that all the student's concerns were attended and given a solution. They deserve a big applause for taking up this audacious task and ensuring peace and happiness. Wishing the team great success in all their future endeavors and to manage more such places and hold a place in people's hearts.





NARASIMHAN
ALUMNI CORE

"I feel truly honored to have contributed towards alumni affairs for more than a year. From an impeccable team to enthusiastic alumni, we were able to bring the momentum to push ourselves even further. I wish the current team all the best for every achievement yet to come."

Alumni Affairs

Coordinating people within the college is comparatively easier than coordinating and collecting information from someone who is far away. But these guys did a pretty good job in coordinating Alumni meets online and Conducting reunions. The college network wouldn't have been this strong without these people, they have been the bridge between the Alumni and the college it was all possible only because of the team led by Narasimhan an EDM18 batch student along with Dhyuthi a CED19 batch student, and Arjun Vijaykumar an MPD19 batch student they deserve a big applause for everything they have done and wishing them all the best for their future endeavors.



K MITHELESH
MESS CORE

"Every time I come across some issue in the mess, I think this is the worst the catering service or the students could come up with but the next time they come up with a bigger issue and they never failed to amaze me...so to live your life fullest in college stop having expectations (this works both in the mess and life XD) a big thanks to everyone who stood by me through my bests and worsts a special thanks to my team Satyam, Vishal, Harini and ish and to the summer mess committee members Vishnu, Ananya, Ramakrishna, and Leonel...so this is your prev mess sec signing off.."

Mess Affairs

The team that was always being cooked, they were always put under fire... People easily pass comments that they would do this and that if they had been the mess affairs secretary but only when we put ourselves in their shoes do we understand what they had really been through. But Mithelesh an MPD18 batch student along with Satyam Diwedi an MPD18 batch student, Ish Gautam MFD18 batch student, Harini an ESD18 batch student, and Vishal an ESD18 batch student has done a great job in being the bridge between the mess contractors, admin, and the students. A special mention to the summer mess co-ordinators Vishnuvardhan a ME20 batch student , Leonel Paul a COE19 batch student, Ananya a EC21 batch student , Ramakrishna a SM21 batch student who helped in the smooth running of the mess even during the summer holidays. They deserve a salute for taking up this position and for having given their best. We wholeheartedly thank the whole team for everything they have done and wish them all success in the future.

A special mention to K Mithelesh for being both the Hostel and Mess Secretary and for having given his heart and soul to everything he has done. We wish him a wealthy, healthy, and Happy future.





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Hola Amigos, Welcome!

A big hearty welcome to the whole SAC team who would be the bridge between the admin and the students. Here we have a small introduction about the current sac and their roles.

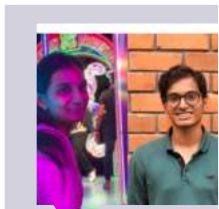


General Affairs

"As the general secretary, I'd work towards ensuring that students have a happy and healthy learning period in the college without breaking any rules. Together let's try create little fun-filled memories that would last a lifetime.

Major emphasis would be on the overall development of the students and ensuring that the opinions of all stakeholders are given due importance to create a win-win situation for everyone involved. Let's take IIITDM to greater heights!! "

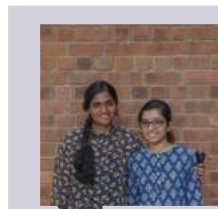
The General Affairs shall coordinate the work of the other Executives and represent the students' concerns that don't fall under the other wings of the SAC . They shall remain as the connecting dots between the students and admin on all matters. Sreenivas Dheeraj a COE19 batch student is the current General Secretary along with Anand Bharadwaj, a MPD19 batch student as the Joint General Secretary



Cultural Affairs

"As a cultural secretary, I want to be able to provide resources and a platform to the cultural clubs to share knowledge and gain some along the way'

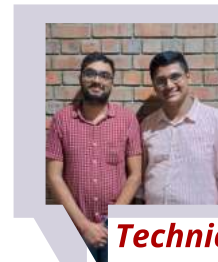
The Cultural Affairs manages all the Cultural clubs and organizes Samgatha, the most expected fest. They try to maintain the high spirits of all the cultural clubs. Tarun Eswar, an EVD19 batch student, is the current Cultural Affairs Secretary and Taniya S Kulkarni a COE19 batch student is the joint Cultural Affairs Secretary. They aim at bringing an exponential increase to the number of colleges participating in our college events and at the same time increase our colleges' participation in other college events.



Alumni Affairs

"I believe that an institution's alumni are its most valuable stakeholders. They represent our institute on a global scale and as the Alumni Affairs Secretary, I would like to reinforce our alumni-institute relations and create a framework of rules and by-laws to facilitate the smooth functioning of Alumni Affairs and its stakeholders. Forever grateful to our ex-alumni secretaries and team who have set the stage for us and it is now our time to perform and move further towards the growth of alumni and the institute. Wishing everyone all the best for this promising year!! "

Alumni affairs serve as the bridge between the alumni and the students. They help provide guidance to the students and help them expand their network. They host the alumni meeting before the convocation for the graduating batch to greet the alumni and speak their hearts out. Dhyuthi a CED19 batch student is the current Alumni Affairs secretary along with Srinidhi an EC20 batch student is the Joint Alumni Affairs secretary.



Technical Affairs

"Diving deep into the ocean or flying high into the sky or exploring the red soil or riding on the dirt tracks or making the earth greener or finding your inner depth or finding the light at the end of the tunnel or joining the resistance or fighting robowars or finding bugs in the bush or clouds in the sky or "IDC" what happens, but funds funds funds, I like it, I can't avoid, but funds don't like me, they avoid and hence clubs avoid me"

The Technical Affairs manages all the technical clubs and organize Vashisht, the technical fest. They act as the bridge between the administration and the technical clubs, they help the technical clubs in obtaining funds from the college administration. Sukesh JR an MDM19 batch student is the current Technical Affairs secretary along with Praneeth Kumar a CS20 batch student as the Joint secretary.



Hostel Affairs

"Making Hostel Lives comfortable and happier while maintaining the decorum (structural as well as disciplinary) of the Hostel."

The Hostel affairs shall look after the issues regarding the maintenance of the hostels and help in providing students the basic amenities and facilities.



Manuraj an EVD19 batch student, is the Hostel Affairs secretary, and Mani Srinivas, a CS20 batch student, is the Hostel Joint secretary. They aim at making all the students feel comfortable and helping the home-to-hostel transition more manageable for the juniors



Academic Affairs

"We believe that students should have a voice in their education. Student feedback should direct educational and technical improvements. We would work towards a system in which feedback is consistently taken seriously by the Institute which is readily available and fully transparent."

Academic affairs represent students' views on academic matters and help individual students tackle their specific educational problems and shall take up their problems with the respective authorities. They shall coordinate the functioning of all the centralized facilities of an academic nature, such as the Library, and the Computer Center. KP Arun an MFD18 batch student is the Academic Affairs secretary along with Sriram Kalyan an ESD19 batch student as the Academic Affairs Joint secretary.



Sports Affairs

"They aim at Nourishing and refining the sports culture at IIITDM, and improving girls' participation in sports activities. Provide healthy sporting habits among the students Providing the platform to develop a strong camaraderie between students."

The sports affairs department looks into the Selection of Institute Teams, their Coaching, and the Organizing of inter-hostel and inter-collegiate matches. They also look into the maintenance of the gym and sports equipment. Surya Mothukuri, an EVD18 batch student is the current Sports Affairs Secretary along with Abhinay, an EDM19 batch student who is the Joint Sports Affairs Secretary. Pratham Prasad, an EDM19 batch student, is the Boys' Hostel Sports Affairs Secretary, and Pranaya, an MSM19 batch student is the Girls' Hostel Sports Affairs Secretary.

"create a sports culture that exhibits sportsman spirit, and discipline that can be carried on even after I graduate do everything in my power to try and win any and every tournament that we play "



Placement Affairs

"To ensure everyone is given better opportunities. To improve awareness, coordination, and support the students on their placement and internship procedures."

The placement affairs try to serve as the bridge between the graduating students and the companies. They aim at increasing the student's skill set and helping them get top job offers and to attract the top companies. Stanley Sujith an MDM19 batch student is the current Placement affairs secretary along with Sanjay Reddy a CED19 batch student as the placement affairs joint secretary.



Mess Affairs

" By providing a flexible and multifaceted service, we hope to unite students, improve Akshaya (mess), and ensure that all students have access to excellent, high-quality meals in a clean atmosphere. "

The mess affairs serve as the bridge between the mess contractor and the students and help maintain the quality of the mess food and to provide them on time. Ajmeera Girish an EVD18 batch student is the current Mess Affairs Secretary along with Vishnu Vardhan an ME20 batch student is the Mess Joint Secretary. They aim at hosting food mela to increase the interaction between students and make them feel at home.



Research Affairs

"The strength of scholars has rapidly increased during the past few years. As a result, the institute is working on a wide range of research areas. This in turn has created an environment for the scholars to gain knowledge in areas related to their research. We will enhance these research and discussion forums. It will help the institute's research community to come up with innovative and efficient research works. "

The Research affairs represent the views of the research scholars on matters related to academic research and address specific problems of the research scholars and shall take up these problems with the respective authorities. Rajalingam, an MDM19D student is the current Research Affairs Secretary.

The EPiC club aims to instill values of love, responsibility, and a sense of belonging among the students. Additionally, the club aims to develop an entrepreneurial spirit in an individual. The club believes one can't exist without the other. Over the past years, the club has conducted talks, ideations, and workshops to ensure the above goals are met. Further, they equip the community with skills that are necessary for starting a venture. In the upcoming years, the primary task at hand is to create a shift in mindset from job seeker to job creator. Among the challenges the first-generation entrepreneurs face, they view idea validation and core team formation as crucial ones.

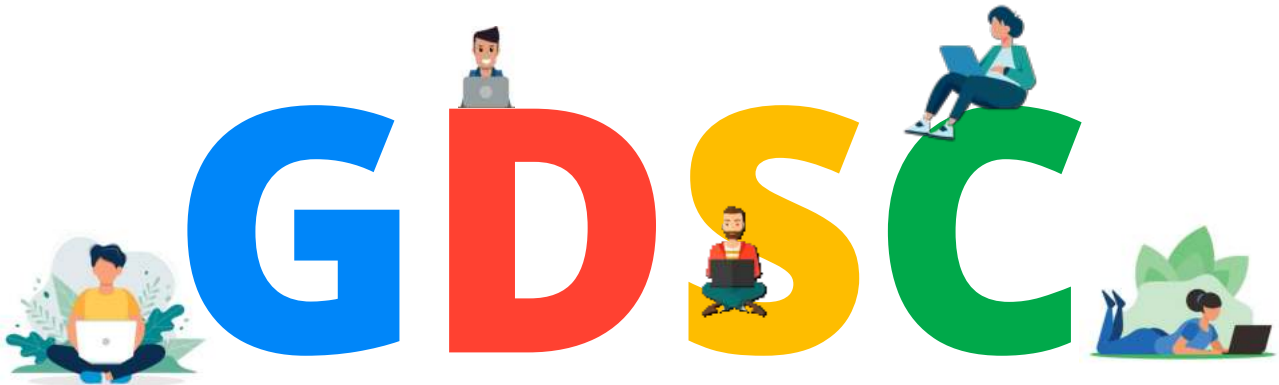


“Choose a job that you like, and you will never have to work a day in your life.” That sounds fascinating, right? So why not give it a try?

Most importantly, the club aims at upskilling workshops and talks. The team is currently headed by Habel and Kanakam Sriram.

“As we look forward, the primary task at hand is to create a shift in mindset from job seeker to job creator. Among the challenges these first-generation entrepreneurs face, we view idea validation and core team formation as crucial ones. So we're taking steps to make that part easy for them. And most importantly, continue with the upskilling workshops and talks.”

-EPiC Cores.



Google Developer Student Clubs (GDSC) are community groups for college and university students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome to be a part of this club. The club aims to bridge the gap between theory and hands-on practice. Presently, the club has conducted various events throughout the academic year including four sessions taken by the lead and the core team, three events, and a talk on Hardware Security by Rohin Menon. The events tested many concepts including CSS and data science concepts. They focus on the practical implementation of technical knowledge to solve real-world problems.

Additionally, sessions on Google cloud and Flutter were conducted. 30 Days of Cloud was also conducted which provided students an opportunity to kick start their career in the cloud and get hands-on practice on Google Cloud. Aryaman Gadia a CED19 batch student is the current lead of GDSC Club

“We are planning to have 5 sessions this semester along with one inter-college event for colleges around Chennai. Also, a Hackathon shall be hosted for students in the college. The sessions will be on various google technologies like Flutter, Tensorflow, firebase, etc. Also, some dedicated machine learning sessions will be taken.”

-Aryaman, GDSC Lead.





computer science

The CS Club acts as a gateway for students to enter the Computer Science Community and Industry. The club has 4 branches namely: CP, PRIT, EdITH, and Networking. The main aim of the CP division is to improve the coding culture in the institute. The main aim of PRIT is to try and bridge the gap between industry and textbook knowledge. Education in Information Technology and Hardware commonly known as EdITH is a branch of the CS Club that strives to create opportunities for students to explore a variety of domains in Computer Science - bridging the gap between software and hardware. Networking is a branch of the CS Club that helps bring the creative part of the CS club by designing Posters and Updating Social Media. Atharva Kadlag a CED19 batch student is the current head core of CS Club.

"CS club was formed with the motive to engage students irrespective of their branch, into technical courses and projects. As the lead, I strive to give my best in the interest of clubs and students. Hoping to see more and more students from all the branches in the upcoming sessions."

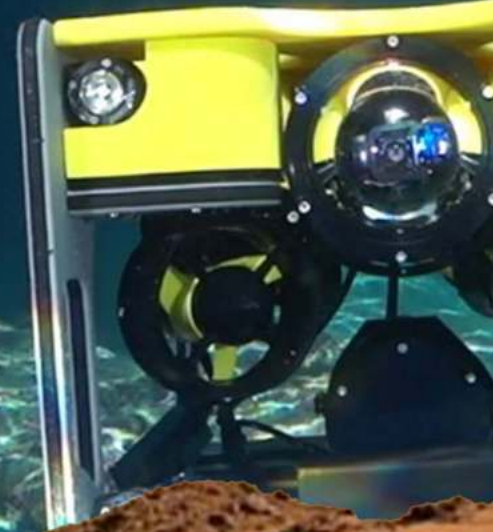
-ATHARVA, CS CORE

AUV

is a student-led club founded in 2018. AUV Society was placed 17th globally in SAUVC 2019 in Singapore and qualified as one of the top 30 teams in SAUVC 2020. Currently, they're preparing for the SAUVC 2022 finals which will be held in Singapore. The team has also been shortlisted to participate in the MATE ROV 2022 World Championships in the US, from India. They were the only team representing India. The society has published two papers at IEEE OCEANS Presently, Team Shaurya consisting of 9 members participating in SAUVC 2022 is being headed by Vyshnav K. In the upcoming year, the AUV Club is led by Muthu Shraavan ME20 batch student along with Madhav a CS20 batch student and Rahulkannan an EC20 batch student.

"We plan to go on a voyage like none before, to explore the deepest parts of the ocean. Yes, we might face storms but we will still manage to sail through because our vessel is helmed by three of the best and most seasoned captains. We plan to increase our outreach as a society to other companies, clubs etc and not only participate in competitions but also encourage researchers and developers among us.

-AUV CORES



SAE

was started in established in the year 2020, starting with its m-Baja team. The team consists of 25 interdisciplinary students. The competition was conducted in three rounds; in the primary qualifier, it secured a rank of 59, and in the 2nd round it secured 33rd rank out of 250 teams that participated. In the final round, our team came out to be one of the top 60 teams. The SAE Club is currently working on 3 projects, the m-Baja competition, Designing of an Electric vehicle for the college, and the Aerothon team. Currently the club is led by K Mithelesh an MPD18 batch student.

" Last year we hit the dirt track, with the same momentum this year we have already found ways to sneak out silently and reach the sky. First things first, I would wish to create a society where students can come and have fun while learning with the motive of " Learning by doing". At the end of my tenure, I want the products designed and fabricated by the SAE club to contribute to the IIITDM community in a big way. I wish to thank Dr. Shubhankar Chakraborty and Dr. Kashfull Orra sir for their constant support. "

-K MITHELESH, SAE CORE





Innovative Travel Stories

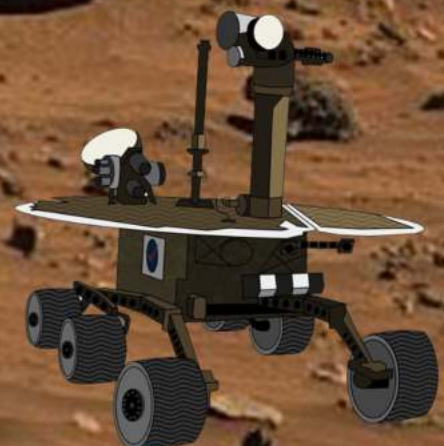
The sun rises, the world rotates, and some move for fun while others move for fund... Some travel on roads, some in the sky, some on water, and a few in space but what if we get to do all modes of travel in one place? Yeah, here we have the story of the travelers...

MARS

was Founded in 2020. The team consists of various divisions namely the Science Cache Team from MCC Chennai, Robotics Software Development, Mechanical Design, Communications, Power Electronics, Control Systems, and Non-Technical Divisions for social media and sponsorship. Team SHUNYA was ranked 2nd globally and 1st in Asia for the European Rover Challenge-Remote Edition 2022 - Qualification A. The team is now preparing for a face-off with 10 other teams in the Finals of the ERC Remote 2022, to be held from 9-11th September this year and the team works under the guidance of their Faculty Advisor, Dr. Shubhankar Chakraborty. In the ERC 2021 Onsite edition Team SHUNYA was ranked 28th globally and 4th in India. They also ranked 21st globally and 7th in India in the Remote Edition of ERC 2021- Qualification A. Currently the team is led by Radhika Mittal a CED19 batch student along with Vishnu Kumar an SM20 batch student.

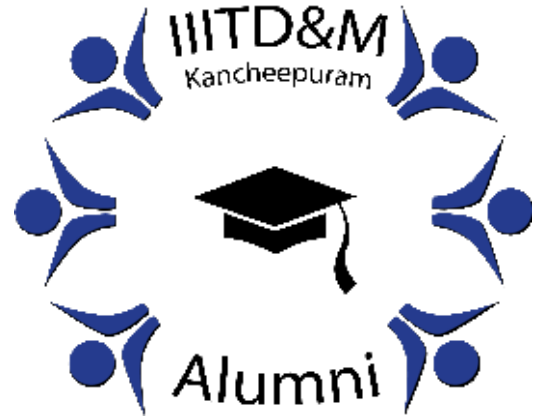
"We MaRSians are on a mission to create an environment in which people can have fun and bring their craziest ideas to life while moving towards the ultimate goal - exploring and unveiling the mind-boggling realms of space. Exploration begins here!"

-MARS CORES



Alumni Affairs

Alumni affairs started a website development team to develop a portal for the students and alumni of IIITDM, interns were taught PHP and SQL to build the entire portal from scratch. We launched this website for this year's convocation, this first version was open to 2021 graduates to download their alumni cards and their batch's college.



ALUMNI TALKS :

We started a series where we invite our renowned alumni for talks, which we call "Alumni Talks". So far we have had 6 talks, and we are sure a lot more are on the way. All six sessions were filled with experiences, advice, and a lot of insights. Mr. Shubham Singh, Ms. Niveditha Raveendran, Ms. Ramya Ramesh, and Mr. Mridul Gandhi who are currently working in major companies shared a lot of personal experiences on how to select a major degree, what path to choose, and also how the work culture at their organizations is. Mr. Ram Kumar is the founder of N-Global IoT Systems, a startup based in Japan. He provided precise information about his journey from an IIITDM graduate to a startup founder. Mr. Suyog Garg, a 2020 graduate who is currently an MSc. Physics MEXT Scholar at the University of Tokyo. He gave us useful and interesting information about research opportunities at the University of Tokyo and life as a student in Japan. We strongly recommend checking out our alumni's LinkedIn profiles. They are very impressive.

We automated the process of making alumni cards for the graduates to save time.

We started the process of expanding alumni affairs to a bigger organization by selecting coordinators for managing various activities.

Recently, the Data Management branch of IIITDM has decided to delete all alumni and graduating students' mail ids and drive storage access.

Alumni Affairs ensured that no alumni lose any important information stored in their college drive by regularly staying in touch with them and helping them recover all their data before the admin deletes their mail ids.

Alumni Affairs is currently working on reunions for the batches starting in 2007, necessary information is being collected.

8th Jan



Ramya Ramesh

Application consultant at Synopsys INC

22nd Jan



Ram Kumar

Founder of N-GLOBAL IOT systems

9th Feb



Mridul Gandhi

Technologist dynamics at Philips

24th Mar



Suyog Garg

Msc physics scholar at University of Tokyo

16th July



Sanjana Sankar

Marie-Curie PHD STUDENT at UGA

10th Aug



Vikas Srivatsava

Instructional design writer at Manhole collective



START AFRESH

SHOUT OUT CONFIDENTLY THAT MARGDARSHAN HAS STARTED AFRESH.

Margdarshan was first begun in the year 2009 and e-copies were released every year. Until COVID-19 struck the world, the whole college had to adapt to online teaching-learning mode because of which the magazine publication was put on hold. Now, as all the students of our college are back and we have returned to our normal lives. Today, we are very proud to announce that Margdarshan is beginning afresh and magazines will be released and shall keep everyone updated about the happenings of our college.

This edition being the first one to be released is close to my heart. It has been an exciting and emotional ride for me as a person. This edition focuses on the events that were conducted in the past 1 year. I regret that I was not able to include the cultural club events, sports events, and Vidhai's content due to the time constraint. We would like to take our time and work on them and include them in the next edition. All the contents published in this magazine were given by the respective cores/ members for any clarifications please write to us.

Thanks to Sundar, Mrudula, Divya, Sucheta, Jhansi, Snehal, Vashist, Pranav, Ananya, and Manas.

-Senthil Nirai Nilavu PVS



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Special thanks to photography club.

To get quick updates of our college, follow us on Instagram and Linked In <https://www.linkedin.com/company/82673564/admin/>.

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SNEAK PEEK

