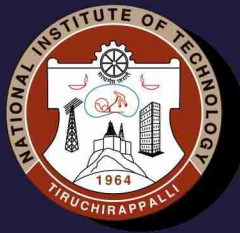


Designer's Consortium
Nakshatra
PSI Racing Team
RMI
3D Aeromodelling Club
Delta Force
Spider
Research & Development Club
E-Cell

TECHNICAL CLUBS

PG Students Cell
Research Scholars Forum
Builders' Hive
Graphique
Sigma
180DC
ProfNITT
Maximus



SEPTEMBER - OCTOBER 2021

COMMUNITY

The Official Newsletter of
NIT Tiruchirappalli

Music Troupe
Dance Troupe
Thespians' Society
Fine Arts Society
Toastmasters International
Balls by Picasso
Pixelbug

CULTURAL CLUBS

Film Society
Lakshya
AIESEC
Athaeneum
Tamil Mandram
Akshara
Ayaam

Volume

03

Issue

05

Omega Science & Spirituality
Pupil for Pupil Committee
Incredible NITT
Animal Welfare Club
Task Force

SOCIAL CLUBS

Rotaract Club
IGNITTE
Apekshaa
LEAP & Green Council
Community Radio Club

Theme: Clubs of NITT

Director's Message



Greetings!

My tenure as Director of this Institute, equal parts exciting, rewarding and exhausting, is nearing an end, and I wish to address the NIT Tiruchirappalli fraternity in this capacity one last time. .

When I took over the reins of the institute in early 2017, the major challenges facing us were the long-overdue faculty and staff recruitment and promotions, the streamlining of a flexible curriculum, and the development of an innovation & entrepreneurship ecosystem with emphasis on self-reliance. The Strategic Plan (2019-34) released in 2018 delineated 5 focus areas – with elaborate plans for the 2019-24 period – identifying specific targets, metrics and goals. Since our institute is fortunate to be blessed with brilliant young minds, dedicated faculty and impressive infrastructure, the Plan is being implemented and monitored effectively and the results are visible already.

We moved to 9th Rank in the 'Engineering' category and 23rd Rank in the 'Overall' category in the NIRF India Rankings 2021, showing consistent improvement from the 12th and 34th positions respectively, while also retaining the No 1 position among NITs for the last 6 years! We have become part of the National Supercomputing Mission (NSM) and the Prime Minister's Research Fellowship (PMRF), following NIT Tiruchirappalli's induction in the top 25 Institutions in India. Our Industry Interactions scaled new heights with investments from Siemens (Rs. 170 Cr) and TCS Foundation (Rs. 10 Cr), among other multinational corporations and technology services. Six new Centers of Excellences have been established. Our research output has improved phenomenally, and the Internal Revenue of the Institute has also seen substantial increase. COVID-19 did not hamper our spirits, as is evident upon consideration of our myriad achievements during the last two years. The Institute-Alumni relations are at their strongest, with new offices created for further strengthening our ties with the academic and entrepreneurial community we have fostered over the years. Furthermore, with the recruitment of 119 new faculty and 113 non-teaching staff, elevations & promotions, the introduction of new programs, a renewed emphasis on strong IT infrastructure, the creation of automated offices and dedicated teams, NIT Tiruchirappalli, which is already aligned with the National Education Policy 2020, is on its way to greater glory in the days to come!

I had a dream when I joined this Institute in 2016: to lead the Institute to the highest glory achievable. A dream is not realized through magic; it takes tremendous dedication, determination and hard work. Moreover, no great plans materialize without a great team. I wish to extend my sincere gratitude to every member of the NIT Tiruchirappalli fraternity who showed faith in our vision and contributed towards the achievement of this glory.

My best wishes to each and every one of you.

Dr. Mini Shaji Thomas

Director

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PUBLISHED BY PUBLIC RELATIONS AND MEDIA TEAM

Dr.Vinod Balakrishnan
Professor, Humanities

Dr.Manju Mahipalan
Assistant Professor, DoMS

Mr.A.Amalan Joseph Antony
Technical Officer, CSG

Dr. N.Sivakumaran
Professor, ICE

Dr. Nisha Viswanathan
Assistant Professor, Humanities

Ms.T.R.Priya
Office of PR & Media

Dr.B.Janet
Assistant Professor, CA

Dr.Janarthanan Balakrishnan
Assistant Professor, DoMS

Dr. Umasankar Patra
Assistant Professor,
Humanities

Ms.K.Bhagyasri
Assistant Professor,
Architecture

STUDENTS

Mr.Thejeshwar Karthikeyan
Batch 2023,
Mechanical Engineering

Dinesh Kumar R
Batch 2023, Architecture

Ms.Subikshaa Stalin
Batch 2023, Architecture

Mohammad Abdul Shahad
Batch 2024,
Mechanical Engineering

THEME OF THE ISSUE: CLUBS OF NITT

A college provides a setting for tremendous growth- whether it be in terms of knowledge, social skills or extracurriculars. NIT Tiruchirappalli boasts of a plethora of skilled professors, and top-notch equipments, a guaranteed way of instilling an interest in whichever field a student has taken up. With more student-run associations being set up, students now have a myriad of opportunities to learn, and enjoy the process.

NIT Trichy boasts of nearly half-a-centuries' worth of clubs, all spanning a variety of topics ranging from music, to coding and design. Apart from these, NITT's major fests Pragyan and Festember offer learning opportunities through the various teams they function through. Fests are huge projects, that require several teams functioning in tandem for their success. Hence, they take up a huge responsibility in creating a successful event for all parties. Not only do these help with advancing core competencies, but a peer group of similar-minded individuals to work with.

A huge reason behind the success of these clubs is the backing provided by the administration of the institute, as well as the enthusiasm and spirit of the students. We encourage freshers, and students alike to make time for extracurriculars as well as academics, and find a healthy balance between the two.

17th Convocation 2021 - 54th batch REC/NIT T



National Institute of Technology Tiruchirappalli conducted its Seventeenth Convocation on 25th September 2021, Saturday at 3.00 pm, Barn Hall, NIT Campus, where 54th batch of REC/NIT Tiruchirappalli graduated.

The Institute awarded degrees to a record number of 1793 of students, the highest number for the Institute till date.

This includes 875 Undergraduates from 10 Programs, 744 Postgraduates from 29 Programs and 174 Ph.D Graduands. Maintaining Covid protocols, the event was both a real and virtual one was streamed online.

Shri T.V. Narendran, CEO & Managing Director of Tata Steel Limited, and President of the Confederation of Indian Industry was the chief guest for the function. He while delivering the 57th convocation address at NIT, Tiruchirappalli emphasized that the process of education is never over; one keeps learning at every stage of their life. He asked students to persevere and persist with their dreams. He urged students to build relationships, nurture them and learn from them. He walked down the memory lane and credited the then REC Trichy, which, according to him, shaped his life. He underlined that the diverse demography and experiences of the campus resulted in his evolution as a person and professional.

He advised students to be aware of the macro-level changes occurring in the world that will impact their lives. Deliberating on the rise of Asia and Africa as one of those significant changes in the recent past, he contended that India would play a pivotal role in the world in the next two decades. He also emphasized the importance of climate change and the rising inequality as decisive factors in the future. Moreover, he highlighted the need to develop knowledge and skillsets as those would be the differentiating factors from now on.

Chairperson Shri Bhaskar Bhat delivered the presidential address. He congratulated the passing out batch for their tenacity in continuing their education with minimum physical interaction during the pandemic. He hoped for normalcy to return thanks to the scientific and technological developments undertaken in the form of vaccines. He reiterated the institute's progress in continuing the teaching, learning and research activities and by increasing the faculty and staff strength by 50%. He congratulated NIT, Tiruchirappalli, for holding the top rank among the NITs in India.

Director Dr. Mini Shaji Thomas welcoming the chief guest and the chairperson of the Board of



Governor presented her report. She outlined the implementation of the strategic plan 2019-24, which has resulted in the overall growth of the institute reflected in the recent NIRF rankings. NIT Tiruchirappalli retained its top spot among the NITs for the sixth year in a row and improved its overall ranking to 23. She listed out some of the outstanding achievements of the institute in the last year: implementing the goals of NEP, increasing the student strength to over 7000 with the introduction of new Post-graduate courses, recruitment of world-class faculty with close to one-third of the newly recruited faculty being women, increase in the faculty research with patents and citations reaching a record high, launching of new centers of interdisciplinary research, international and national collaborations, industry partnerships with SMEs in Tanjore, Madurai, Trichy and Puducherry, topping in TEQIP III phase with the highest audit score of 1.03 among Govt. Institutions, placements of around 92% in a pandemic year, commitment to green energy and green campus, setting up the 500-bed covid care center deepening its outreach program. She thanked the NITT fraternity for their support and dedication in taking the institute to new heights. She congratulated all the graduating students and hoped that they would carry the banner of NIT, Tiruchirappalli high.

Designers Club

Designers Club is the official Product Designing club of NIT Trichy. Our main aim is to identify key problems that hamper the comfortable living of the diverse sections of our society, and provide with an answer to their needs. To defy the various odds in the way, design a solution satisfying requirements and deliver a product championing the standards.



Dr Umapathy, Deputy Director, Dr. Ramakalyan Ayyagari, Dean (Academic), Dr Arivazhagan, Registrar in charge, Deans, faculty, staff and student members attended the proceedings.

Space & Astronom Club

Nakshatra is the Science and Astronomy Club of NITT. Teeming with minds enthusiastic about astronomy and space, Nakshatra holds engaging events round the year with its flagship event, Stardust, luring a huge crowd both from within and outside college.



Racing Club

Racing Club is the official motorsports team of NIT Trichy, who design and fabricate an All-Terrain Vehicle from scratch every year. We have been participating in the SAE BAJA India competition for the past 13 years and have been consistently successful amongst 300+ colleges all over India.



Robotics Club

Robotics club is for robotics enthusiasts from all departments primarily focusing on research projects and competing in worldwide competitions.



Announcement of PMRF Awardees



NIT Tiruchirappalli received 6 PMRF awards in the recent announcement for this Semester.

We heartily congratulate the scholars and their supervisors for the achievement.

NIT Tiruchirappalli now has 19 scholars in the campus receiving PMRF. The following are the Ph D Scholars and the Supervisors.

Aero modelling Club

The Aeromodeling club is a technical research and development club working on aviation, aerodynamics and drones



Web Cell

Programming club of the institute. We have the domains in the club that include Programming, App development, Web development, System Administration and Computer Technology.



R & D Cell

R&D Cell is an integrated platform that connects research opportunities with students of NITT through progressive collaborations with academia on domains that are both Hardware and Software.



S.NO	STUDENT NAME	DEPT	ROLL NO	SUPERVISOR	BROAD AREA
1	Jesna Mathew	ARCH	401120002	Dr. G. Subbaiyan	1
2	R Abhijna Krishna	CHY	404120001	Dr. S. Vellmathi	9
3	Som Jairaj Ankar	EEE	407120001	Dr. K.P. Pinkymol	3
4	E Sharu Johnson	ICE	410120001	Dr. G. Uma	5
5	R Kiran Kumar Reddy	MECH	411120009	Dr. Nivish George	2
6	N Balaji	MME	412420001	Dr. D. Nagarajan	7



Student Re-entry to Campus

Dr. N. Kumaresan, Dean, Students' Welfare

As all are aware, the continued threat of the COVID-19 pandemic has forced us to operate on an online setup since March 2020. Students could not assemble in the classroom, listen to the teachers, interact face to face, exchange greetings and be with friends. But, our passion for teaching and students' determination to learn and assimilate have remained the same as ever.



In our attempt to reopen the Institute, based on the clearance from the Central Government, the Ph.D. scholars were brought to the Institute first to allow for physical access to labs where they could carry out their research while following all precautionary COVID measures. The NIT Trichy administration insisted that these students should have taken at least one dose of the COVID Vaccine and should produce the same certificate for verification. For those students who were not completely vaccinated, NIT Trichy conducted regular vaccination camps with the support of the Medical Officers and the Alumni Network.

Students from outside Tamil Nadu were to produce a COVID negative certificate to gain re-entry to the Institute. Students permitted to enter the hostels were to quarantine themselves for a week and follow the planned and listed use of restrooms, dining halls, and other facilities while maintaining social distancing and avoiding crowding in closed spaces.

In addition, the RTPCR test was also conducted for all the scholars on the fifth day of their quarantine, and they were permitted to stay in their regular rooms and visit the departments only upon testing negative. Subsequently, considering the safety and quarantine facilities, we started facilitating the return of final year PG students to the Institute over four slots/phases. As a precautionary measure, students are not permitted to go home at present once they enter the hostels.

Sociology & Civics Club

This is the Sociology and Model United Nations club that provides students a non-partisan platform to discuss and debate current social and political issues within the campus, state, country, and the world. The club conducts MUNs, panel discussions, and informal debates to give students opportunities to learn about current affairs and increase overall campus engagement in the discipline of political science.



SOCIO



We are pleased that the Ph.D. scholars and PG students have resumed their experimentation work/ physical class room activities with great vigour, following all the safety norms strictly. With excellent cooperation from the students' welfare office, the Security Office, the Medical Officer, HAC and Students' Council, things are progressing with minimal disturbances. Several eateries, the Library and the Octagon complex have all been reopened for our students' use thanks to the tireless efforts of the concerned departments.

As yet another precautionary measure and as per screening procedure, RTPCR testing was also conducted for all the day scholar students (PhD, JRF, SRF, etc.) on 23.8.21, with the samples being collected by a team from the Navalpatu Upgraded Govt PHC. We were also able to bring the UG second-year students, in two phases, on the 13th – 14th and the 23rd – 24th of November 2021. This would enable the administration to conduct offline examinations for the entire batch.

Activities of various Clubs and work towards the organization of technical/ cultural fests and events have also resumed in offline mode, with events being conducted and projects being carried out. Hopefully, we should be able to commence our UG classes also in offline mode by the final week of December. Until then, classes will resume in online mode and we hope for the continued cooperation of the students in attending classes regularly and taking the tests with honesty and utmost seriousness. As regards the conduct of classes, we are doing our best to ensure that the prescribed subject material is taught meticulously and the content is relayed to the students effectively. In the coming days, we will take all the necessary measures to resume classes smoothly and compensate for our inability to comply with certain demands owing to the restrictions imposed for the benefit of all in view of the pandemic. We hope that complete normalcy will be restored very soon in the academic environment and in the Institute's functioning.

Environmental Club

A club working towards environmental protection, green energy, and waste recycle.



Wild Life Club

A group of wildlife enthusiasts who join hands to learn and educate people about the diverse fauna in our campus, also taking care of them.



Social Responsibility Club

Takes social responsibilities such as improving the lives of underprivileged, abonded, or disease effected people.



Fine Arts Club

Fine Arts Society apart from having organized exhibitions, also conducts and participates in workshops & art competitions for students allowing them exposure and incentive to work on their talents.



NIT-T signs MoU with TIIC LTD



National Institute of Technology Tiruchirappalli and The Tamilnadu Industrial Investment Corporation Limited have signed an MoU to facilitate financial support to Start-ups, MSME units, and incubatees with the Centre for Entrepreneurship development and incubation (CEDI), a section 8 company promoted by NIT-T under TIDE scheme of the Ministry of Electronics and Information Technology,

CEDI is engaged in fostering innovations, nurturing entrepreneurship and incubating potential Start-ups and MSMEs, across various manufacturing and service sectors with ecosystem interventions.

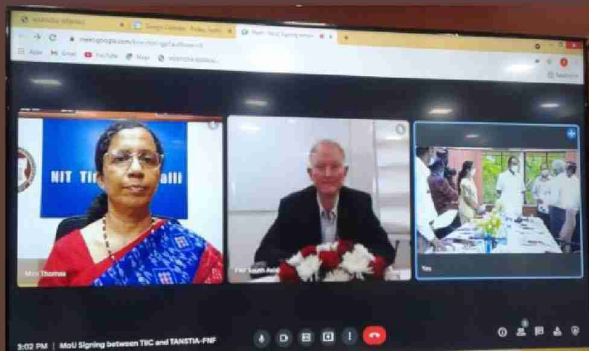
The Tamilnadu Industrial Investment Corporation Limited (THE TIIC LTD.) is the State Financial Corporation for the promotion, financing and development of the Micro, Small and Medium Enterprise (MSME) sector, is interested in evolving new mechanisms for increasing the credit delivery to the Start-ups, and MSMEs in the State and hence is endeavoring to support MSMEs who are member Start-ups/MSME units of CEDI NIT-T through direct financing.

The MoU envisages financial support in the form of Working capital, Seed Fund, Capital financial support for Plant and Machinery to member Start-ups or MSME units identified and incubated by CEDI NIT-T.

The MoU was signed by Prof. Mini Shaji Thomas, Director, NIT Trichy, exchanged between Deputy Director, NIT Prof. M. Umapathy and Shri.T.Kirubakaran, General Manager, TIIC Ltd in the presence of Hon'ble Minister for Industries, govt of Shri. Thankam Thennarasu, Special Secretary to MSME, Smt. Jayshree Muralitharan, Chairman and Managing Director TIIC, Han Raj Verma, IAS.

Prof. Mini Shaji Thomas, Director, NIT Trichy said, "This MoU with TIIC will help us achieve our deliverables set with respect to product development, entrepreneurship and addressing and addressing societally relevant problems as part of our five-year Strategic Plan (2019-24) and in line with implementation of NEP 2020. Recently, our faculty have been securing design projects funded by MSME. Our association with TIIC Ltd will definitely help us support MSME units which is definitely the need of the hour in the nation's call on Atmanirbhar Bharat"





Prof. Mini Shaji Thomas added that our Institute has also been identified as the 'Design Implementing Agency' by MSME and we are successfully executing 4 design projects of worth 20 lakhs in unison with toy clusters in Tanjore and Madurai zones. The Siemens Centre of Excellence in Manufacturing, Centres of Excellence in Advanced Manufacturing, Artificial Intelligence are also open for technical support to the MSMEs in the locality. She thanked TIIC for providing us with an opportunity to promote

MSME units through financial support by signing this MoU with our Institute.'

Press Release from Tamil Nadu Government says that the Pandemic has hit a hard blow on the MSME Sectors. In order to address and streamline the activities of this sector, this Government has setup a committee under the headship of IAS Shri. Sundaradevan. Measures are taken to simplify the loan approval process for these sectors. The MoU signed between NIT Tiruchirappalli and TIIC is also one such initiative towards encouraging Start-ups and MSME projects in the state.

Shri.T.Kirubakaran, General Manager , TIIC Ltd, extended the vote of thanks and said "The need of the hour for to engage academic Incubator and support start-ups and MSME with financial institutions through this mechanism and empower the industrial community in a bigger way. Today's event has brought together educators, financial institution and policy maker who are largely responsible for development and social up liftment. and he also thanked Hon'ble Minister for Industries Shri. Thankam Thennarasu, Special Secretary to MSME, Smt.Jayshree Muralitharan, Chairman and Managing Director TIIC, Han Raj Verma, Deputy Director Prof. M. Umapathy,Dean (R&C) Prof. S. Muthukumaran, CEDI BoG Member Prof. G. Lakshminarayanan , CEDI Manager, Mr.G.Krishnan and Deputy Manager Policy Planning Head , TIIC Ms.N.Kirupa , Regional Head, Trichy zone TIIC Shri,K.Susil Kumar and other dignitaries from TIIC Ltd, Chennai for making this event a grant success.

Entrepreneurship Cell

Entrepreneurship Cell is a Technical club of NIT Trichy which is a student run organisation fostering entrepreneurship, start-ups and innovations.



PG Students Cell

A club run by PG students of NITT to enhance their abilities in technical domains and have international collaboration in the fields of Cognitive science.

Research Scholar's Consortium

This club was started as a interest group among PhD students at NITT. It has grown over the years to cultivate the research culture among PhD students.



Inauguration of Ladies Hostel & CoE by Honourable Minister of Education Shri. Dharmendra Pradhan



Ladies Hostel & Centre of Excellence in Advanced Manufacturing by Honourable Minister of Education Shri. Dharmendra Pradhan through online mode on 20th September at 4.30 pm Dharmendra Pradhan, Minister of Education and Skill Development.

Inaugurated the 400-seater ladies hostel, 6th block, Opal F that is conducted at a cost of Rs 31.4 crores and the Centre for Advanced Manufacturing and Automation (CAMA) at a cost of Rs 7 Crores at NIT, Tiruchirappalli.

As an example of the transformative possibility, Pradhan highlighted that technical education would be imparted in regional languages in 14 engineering colleges across 8 states in 5 languages. He assured that the educational scene will witness tremendous changes as the policy is rolled out across the country. He congratulated the NITT fraternity for attaining the top spot in the NIRF rankings. He stressed gender inclusivity and hoped that the new hostel will be a step towards bringing more women into technical education. He praised the establishment of the CAMA as a step towards interdisciplinarity in line with the vision of NEP 2020.

Director Dr. Mini Shaji Thomas delivering the welcome address stated that NIT Tiruchirappalli is the best NIT in India which has scaled newer heights each year and is able to scale even higher status if provided with more resources. She informed that diversity is a key principle for NITT which is reflected from recruitment policies to the construction of new ladies hostel. CAMA is part of the move towards interdisciplinary scholarship and industry-academic partnership in Automotive, biomedical and other industries. She also added the centres at NITT will engage in skill development of the local MSME in Tiruchirappalli.

Chairperson Shri Bhaskar Bhat delivering the presidential address commended the institute's leadership, faculty and students on being the top NIT for six years in a row. He pointed to the recruitment process of the faculty and staff which symbolised the diligent work ethics of the institute, notwithstanding the pandemic. He requested the minister to allocate more funds for NITT to reach newer heights.

Dr Umapathy, Deputy Director, Dr Duraiselvam, Dean (P&D) and Dr Arivazhagan, Registrar in charge were also present during the function.

Dr Janakiraman, Chief warden delivered the vote of thanks.

The event can be watched at the following link:
Youtube Link: https://youtu.be/iMq7_JwCaGA



Foundation Stone Laying for 'Amethyst' the 506-seater Boys hostel by the Olympic Gold Medalist Neeraj Chopra



Shri. Neeraj Chopra, Olympic Javelin Gold medalist- Tokyo 2020, laid the foundation stone for 'Amethyst' the 506-seater Boys hostel at NIT Trichy on 17.10.2021.

Dr Mini Shaji Thomas, Director warmly welcomed Neeraj and said that Sports is an integral part of NIT Trichy activities. We perform well in Inter NIT sports meets and the presence of Neeraj Chopra will inspire lot more students to get involved in sports. She requested the first Indian to win an Olympic Gold medal in Track and field in the history of Olympic Games, to talk about how he achieved this with an injury in between.

Neeraj in his speech emphasized that everyone has a dream or a craze in life and the activity which gives you happiness and if you put in hard work with sincerity and dedication, you will succeed. That's what he did, he was not much aware of Javelin when he started, however, he liked it and put in sincere efforts and hard work and succeeded. He is excited that NIT Trichy is giving so much importance to sports and games.

Dr.Kumaresan, Dean students' welfare welcomed the gathering. He also said customarily we have named our hostels firstly Agate, Coral, Diamond, Topaz and so on and then with the names of precious stones. In that series, 'Amethyst' is yet another precious variety of quartz with violet and purple colour. This tradition signifies that our students who have lived in these hostels will also shine like these gems and stones in their profession and enhance the reputation of our institution.

Madhav Aggarwal, Students' Council President delivered vote of thanks.

The event can be watched at the following link:
Youtube Link: <https://youtu.be/S0AFQXJJeU>

Civil & Construction Club

The Civil and Construction society in campus working on Green construction practices as well as other Social Projects on road safety and accessibility

Foundation Stone Laying Ceremonies for Various Academic Blocks

On September 25, an MoU was signed between NIT Trichy and the Centre Public Works Department of India (CPWD) facilitating the construction of a new bous hostel complex along with new annexe buildings for the



Departments of Civil Engineering, Electrical and Electronic Engineering, Instrumentation and Control Engineering, Mechanical Engineering,

Metallurgical and Materials Engineering and Production Engineering. The ceremony took place in the presence of Director Dr. Mini Shaji Thomas and Shri C.K Varma, ADG, CPWD.



NIT Tiruchirappalli has been making a stride infrastructure development and is working towards excellent infrastructure. The foundation of various academic complexes was laid on the dates mentioned:

Department Of Mechanical Engineering and Metallurgical and Materials Engineering on September 25, 2021 by Shri T.V Narendran (CEO and MD Tata Steel Limited)



Department of Electrical and Electronics Engineering, Instrumentation and Control Engineering Annexe Buildings on October 1, 2021 by Shri. S. Somanath (Director, Vikram Sarabhai Space Centre, ISRO)

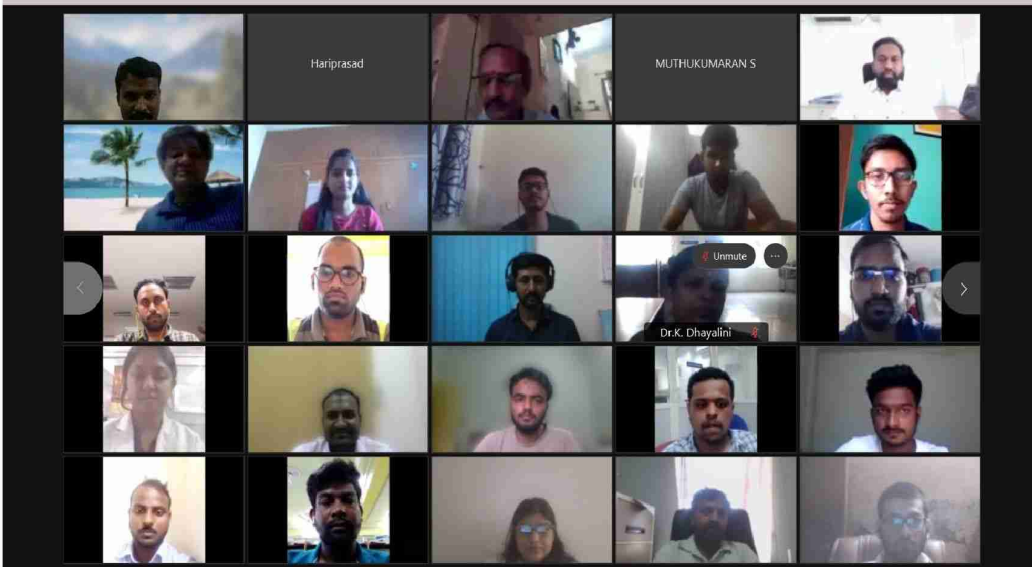


Department Of Civil Engineering Annexe Building on October 13, 2021 by Dr. G. Satheesh Reddy (Secretary, Department of Defence R&D, Chairman, DRDO)

Department of Production Engineering Annexe Building and Student Innovation Centre on 18th October, 2021 by Dr. K.K. Aggarwal (Chairman, National Board of Accreditation)



One- Week virtual short term course on Energy Management and Audit



Energy Management and Audit event was a one-week virtual short-term course organized by Department of Energy and Environment, NIT Trichy. With organizing secretary as Dr. M. Premalatha, Head of the department, the short-term course kickstarted on 20th September 2021.

The objective of the program was to enrich participants knowledge on assessment of present pattern of energy consumption, Identification of potential areas for improvements on thermal and electrical utilities, Implementation of energy conservation measures, Carrying out energy audit in a systematic manner. The participants were from industry, officials in corporate planning and maintenance, academicians, scientists, students, research scholars from different organizations with ultimate goal of the course to acquire a detailed understanding of Technology for Energy Efficiency, Decision on Energy Source, Monitoring of Energy Use, Conducting an Energy Audit, Aligning Operational Strategy with Energy Efficiency, Minimizing Energy Wastage. The first day of the session started with the opening ceremony inaugurated by Dr. V. Gopalakrishnan, Executive Director (Retd)., BHEL, Trichy with the topic of "Introduction of Energy audit" followed by "Energy and Mass Balance" lecture by Dr. N. Anantharaman, Professor, NITT. In later days the sessions included by various eminent personalities c. Finally, the short-term course winded up with the valedictory ceremony and participants were awarded with e-certificates. Student coordinators and Volunteers were awarded with appreciation certificates. The efforts of the faculties and the students involved in conducting various events have been acknowledged. The audience were given opportunities to give away their valuable feedback that left unforgettable imprints to remain with the journey of events organized by DEE. The one-week programme was backed by a team of very motivated and dedicated faculties, whose plans were well organized and orderly executed by the coordinators.

Graphique

Graphique is the graphics designer's club of NITT working in collaboration with fests, councils and admin on UI/UX of websites and apps, as well as digital art and Social media.



Maths & Algorithms Club

The Maths and Algorithms society which aims to provide exposure into the technical field of Algos to help with Competitive Programming as well as cater to pure maths enthusiasts.



Business, Finance & Consulting Club

An integrated club consisting of a Consulting Wing (180DC), financial Wing (Profnett) and Business wing (Sigma), which provides the students of NITT with the exposure to the domain of business, consulting, finances and marketing respectively



Inauguration of Chemical Engineering Association 2021



The inaugural ceremony of the Chemical Engineering Association (ChEA) for the year 2021-22 was commenced by the Chemical Engineering Department of NIT Trichy on 28th September 2021, Tuesday.

The theme followed for this edition is “Next Generation Engineering Materials”. This special event marks the beginning of year-long activities related to chemical engineering, including Alchemy - the department symposium.

The event was conducted in virtual mode on Microsoft Teams platform and had honorable dignitaries including Dr. Mini Shaji Thomas (the Director of NIT Trichy), Dr. P. Kalaichelvi (Head of the Department), Dr. Praveen Linga (the Chief Guest), all the respected professors and students in attendance.

Dr. Meera Sheriffa Begum, the faculty advisor for ChEA, formally commenced proceedings by welcoming the gathering. Following the welcome address, Sriram S, the Chairman of ChEA, provided a summary of the successful first virtual edition of Alchemy in the past year. He also touched upon the bright future promised by new-age functional materials.

Dr. Kalaichelvi, the Head of the Department, then addressed the gathering and talked about the vital role that next-gen materials will be playing in the near future, the achievements of the department over the past year, highlighting the upgrade in infrastructure and the accolades brought to the department by the graduating scholars and engineers. The newsletter was launched and the website for Alchemy'22 was unveiled.

The Director of NIT Trichy, Dr. Mini Shaji Thomas, delivered the Presidential address, where she lauded the efforts of the faculty and team members for making this event happen. She wished for greater collaborations between NITT and NUS.

Lifestyle Club

It deals with day to day life style practices of the students including exercises, yoga and spiritual practices. It conducts workshops and events.



Following this, Dr. Praveen Linga, Dean's Chair Associate Professor at the Department of Chemical and Biomolecular Engineering, National University of Singapore, gave his lecture on Clathrate Hydrates or Gas Hydrates and illustrated how these materials are making an impact in today's world and expressed his best wishes for ChEA and its activities. The event drew to a close with Neeraj V S, the Vice Chairman of ChEA, delivering the vote of thanks.



Inauguration of ECE Association 2021



On the 28th of September 2021, the ECE Association of NIT Trichy held its 54th inauguration ceremony. The ceremony was conducted and streamed virtually and was attended by a footfall of 400 people.

The Chief Guest, Dr. Vijay Kumar Saraswat, the director of NIT Trichy, Dr. Mini Shaji Thomas, and other prominent figures within the ECE fraternity graced the occasion. All the professors and students associated with the ECE department were assembled as a procession of distinguished speakers addressed the audience.

Quiz & Debating Club

It is the Quizzing, Word Games and Literary Events club of NIT Trichy. We cover a wide variety of events, from debates to scrabble, from puzzle champ to shipwreck and everything in between. Balls by Picasso has a long history of both participating in and winning numerous events across cultural in India. Every year, we set a litany of events for Festember and Pragyan, apart from other events we conduct in association with different clubs/departments or independently.

Music Club

We represent our college for music competitions hosted by other colleges. We make setlists and perform them for orientation, TEDx, and some inauguration ceremonies. We also help other teams inside college to judge entries for their respective music competitions. We conduct Carnatic Music Competitions, host concerts and lecture-demonstrations by esteemed artists and we ourselves practice and perform at several occasions in and around college and in events like the Annual Thyagaraja Aradhana in Thiruvaiyyaru.



Media Club

The media club is comprised of two divisions: Film and Photography. Film society is the videography club of NIT Trichy. We make short films, write movie reviews, conduct guest lectures and also have an active online presence on Instagram where we post film related stuffs constantly. We also participate in IFP (India Film Project) during offline sems.

As the official photography and videography club of NITT, Pixelbug has documented just about every headline event that takes place in the vast campus of NITT, including Festember and Pragyan. Pixelbug has been recognized and featured by reputed organizations such as National Geographic.



Choreo Club

We are NIT Tiruchirappalli's official student run dance team, specializing in both eastern (classical & contemporary) and western (hip-hop & street) forms of dance. We participate in various competitions and events and post new routines and tutorials regularly on our social media handles, amassing over 5k followers and reaching several thousands of people through our posts and engagement.



Dramatics Club

Excelling in all stages of theatrical production, the Thespians' Society stage their plays on campus as well as in collegiate theatre festivals like Saarang(IIT Madras), Unmaad(IIM Bangalore) winning in major college-level dramatics competitions all over South India. Apart from conventional theatre, they explore various other art forms, such as improv, podcasting, storytelling, audio dramas, stand up, and



Orion Miyawaki Nature Walk

The first guided public walk of the campus's 7-month old Miyawaki forest was conducted on 30th October 2021 morning by NIT Horticulture Advisory Committee for the campus community.

Dr P. Sridevi, the Chairman of the committee welcomed the gathering. The nature walk was led by Dr D. Lavanya, Assistant Medical Officer (Siddha) at Thuvakudi hospital.



According to Dr.D. Lavanya, almost all species in this forest have medicinal value and she explained the benefits of each one. She is passionate about preserving medicinal herbs to make them useful to needy people.

The 7-month old mini forest, which was planted on International Day of Forests on 21st March 2021 has shown very fast growth. The 0.58-acre dense forest which was introduced for greening the campus will improve the microclimate and air quality of the campus. Director Dr Mini Shaji Thomas said that the barren space opposite GJCC which was not put to good use has now been transformed into a model forest with walking trails for benefit of the campus community. Dr. D. Lavanya explaining the medicinal values of the native species.

Ar. Pudhuma Bharathi, the convener of the Horticulture advisory committee, explained the concept of the Miyawaki afforestation method and the Orion forest layout design. The Orion forest has different layers vertically and horizontally to recreate the typical forest structure and is consciously zoned with fruit and flowering trees along trails, timber and shade trees in the core and bio fencing species and climbers along edges.

It has more than 70 types of native species and includes a Herbal garden in the front. The forest is also home to several varieties of birds, butterflies, rabbits, bees, ants and other species which make it a truly complete forest ecosystem.

Dr. Arivazhagan, Registrar i/c, said that a notable aspect of the implementation of this forest was that everything was locally sourced and done with low-cost solutions and minimum disturbance to the site. He was extremely happy that the bare site had transformed into a lush green forest in just a matter of months.

More than 100 participants including students, faculty and campus residents participated in the informative nature walk and enjoyed the serene lush green forest trails. They were amazed by the growth of the saplings in such a short time... from less than 1-foot baby saplings to almost 18 feet tall trees in a span of 7 months! The forest will be open for periodical guided nature walks for the campus community to create awareness about forests and native species and to be connected with our roots.



FIT MONTH

As a part of the Fit India promotion activity Office of Students Activity and Sports under the section of Office of Students Welfare launched FIT MONTH 2021 in the campus for involving our students, faculty and staff in various Sports and Games on at 7 am.

The Dean Students welfare Dr N Kumaresan Dean inaugurated the event in presence of, SAS Officers and other representatives of Students, Faculty and Staffs.

Dalley Krishnan (Students Activity and Sports Officer) welcomed the participants in the event.

Taskforce Club

Through various initiatives such as Passport , PAN Card, Aadhaar Mela, Transportation facilities for students writing GATE Exams, Emergency Help Centre, and Community Services.

It aims at giving better and easy solutions to students' regular problems and conducts Soapbox, every year, during the Students' Council Elections.



In the event, Dr N Kumaresan enlightened the importance of Fitness and fortified the participation of Students, Faculty and Staff in various sports events. A mini-marathon was organized as a part of promotional activity for this event.

The FIT Month includes different games and sports with an objective to develop the physical fitness and interest in sports activities. All the games and sports will be conducted by following the institute SOP and COVID protocols.

The following are the activities are included in the FIT Month.

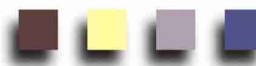
- 1.4km Run/Walk.
- 2.Physical Fitness coaching camps.
- 3.Webinars.
- 4.Badminton for Men and Women.
- 5.Volleyball for Men
- 6.Cricket for Men.
- 7.Throwball for Women.
- 8.Half court Basketball for Men.
- 9.Table Tennis for Men and Women.
- 10.Fun Athletics for Men and Women.

The registration has seen an enthusiastic response from faculty, staffs and students. More details on events will be published after the activities conclude.



Literary Club

With the aim of promoting Indian literatures and making more people know about the greatness of it, we reach the masses with interesting and intriguing content in various media like posters, videos, podcasts, events and competitions. We have a noticeable presence in various platforms like Facebook, Instagram, YouTube, Spotify, Telegram, and many other social platforms. We also host a website with all our articles and other works. Our work is recognized and has been published in many newspapers.



Institute Departments 2021 - Faculty



Architecture



Chemical Engineering



Chemistry



Civil Engineering



Computer Applications



Computer Science and Engineering





Electronics and Communication Engineering



Electrical and Electronics Engineering



Instrumentation and Control Engineering



Management Studies



Mathematics



Humanities and Social Sciences





Energy and Environment (CEESAT)



Mechanical Engineering



Metallurgical and Materials Engineering



Physics



Production Engineering



Consultancy Works

Dr.K.Muthukkumaran, Dept. of Civil Engineering, has been awarded Rs 755200 for various consultancy projects.

Dr.S. Moses Santha Kumar, Dept.of Civil Engineering has obtained an amount of Rs. 528344 for consultancy works.

Dr.J.Karthikeyan, Dept.of Civil Engineering has received Rs 1,43,074 for various consultancy projects.

Dr. Jeevan Joseph, Dept of Civil Engineering has received a grant to the tune of Rs. 125000 in total for numerous consultancy works.

Dr.N.Siva Shanmugham, Dept. of Mechanical Engineering has been awarded Rs. 217345 for many consultancy projects.

Dr.R.Senthil Kumar, Dept.of Civil Engineering has secured a grant of Rs. 147500 from M/s.- Teemage Builders (P) Ltd for consultancy works.

Dr.K.Baskar, Dept.of Civil Engineering has been awarded Rs. 147500 by M/s.The Executive Engineer, Trichy for consultancy project.

Strength Material Lab has obtained an amount of Rs 42,086 for consultancy works.

Environment Engineering Lab has received a grant to the tune of Rs 14,160 in total for numerous consultancy works.

Dr.Mashudha ,Dept.of Civil Engineering has received a grant to the tune of Rs. 41300 from KK Engineering Design Consultancy

Dr. V.Sunitha, Dept.of Civil Engineering has been awarded Rs. 17700 by Dheek & Co. TCC, Tiruchirappalli for consultancy work.

Dr.S.Kumaran, Dept of MME has received Rs. 10750 from M/s.High Energy Batteries India Ltd for consultancy projects.

Dr.Ganesh Chandra Nandhi, Dept.of Chemistry has been awarded Rs 22,600 for various consultancy projects.

Community Radio Club

This club coordinates all the activities for the smooth functioning of the community radio in the campus



Research Projects

Dr.Saravana Ilango, Associate Professor, Dept of EEE has received a grant to the tune of Rs. 11860080 by DST for the project titled “Sustainable energy system for achieving novel carbon neutral energy communities (SUSTENANCE)”. The duration of the project is 42 months.

Dr.Sishaj P Simon, Associate Professor, Dept of EEE, has been awarded Rs. 4230626 by DST for the project titled “A 10 kw pilot PV Plant based on single axis solar tracking system using second lever principle”. The duration of the project is 2 years.

Dr. M. Brintha, Assistant Professor, Dept of CSE, has been awarded Rs. 3659298 by DST-SEED for the project titled “A Versatile portable framework for economic & skill empowerment of women's sustainable livelihoods through digital literacy”. The duration of the project is 36 months.

Dr. Varun Gopi, Assistant Professor, Dept of ECE, has been awarded Rs. 4955000 by ISRO-RESPOND for the project titled “Machine learning /Artificial intelligence (ML/AI) hardware/software framework for vyomnoids”. The duration of the project is 36 months.

Dr. Senthil Kumar, Associate Professor, Dept of Production Engineering has received a grant to the tune of Rs. 2268255 by DRDO-CARS for the project titled “Design and Analysis of Armour Solution against Mine Blast”. The duration of the project is 15 months.

Dr. M. Umapathy, Professor, Dept of ICE has received a grant to the tune of Rs. 3648340 by DST for the project titled “On-Line oil debris monitoring sensor”. The duration of the project is 36 months.

Dr.V.M.Jagannathan, Assistant Professor Department of Energy and Environment has been awarded a MSME project under "Toy Design projects under Design Expertise to Manufacturing MSME sector under CLCS-TV Scheme" for a worth of Rs.1437000.

MoU Signed

An academic international MoU has been signed between NIT Trichy and University of Kyoto, Japan for a period of three years. The coordinator for the MoU is Dr.R. Manjula, Dept. of Civil Engineering.



Felicitation ceremony of Student of IGNITTE, the teaching club of NIT Trichy



Trained by IGNITTE, the official teaching club of NIT Trichy, a government school student Arun Kumar secured a seat in IIT Madras in the Department of Metallurgical and Materials Engineering. As an acknowledgement of his achievement, he was felicitated by the respected Director of NIT Trichy, Dr. Mini Shaji Thomas, on the 3rd of November.

In addition to this, Sethupathi and Pugazharasi, students coached by IGNITTE, were also felicitated for securing a seat in NIT Trichy in the year 2020. The function also included the felicitation of representatives from the Young Indians organization, Trichy chapter and the student members of IGNITTE.

IGNITTE is a team of enthusiastic students of NIT Trichy working towards a common goal to train students from economically backward sections of the society for competitive entrance examinations for free and help them analyze various career opportunities after their higher secondary education. YI also is handing over three digital pads to IGNITTE Club for online teaching. Young Indians (YI) is an integral part of the Confederation of Indian Industry (CII), a non-government, not-for-profit, industry led and industry managed organization playing a proactive role in India's development process. YUVA is part of YI, and our institute has signed MOU with them.

Dr. Mini Shaji Thomas congratulated the IGNITTE team and thanked them for taking up such an initiative. She also emphasized that IGNITTE is part of many such outreach initiative taken by NIT Trichy as underlined in the motto of the institute of staying "locally relevant".

The Dean (Students Welfare), Dr. Kumaresan, Faculty advisor Dr. Manjula, Former faculty advisor Dr. Venkatakirithiga Murali, The Chairperson and the Co-Chairperson of YI - Trichy chapter graced the occasion.

IGNITTE provides JEE Coaching for students of government schools, in and around Trichy.

Conducts free online JEE mock test series. Also aims at educating underprivileged children and provides them career guidance.





IGNITTE club students conducted the coaching through online mode in the Covid - 19 pandemic. The volunteers concentrate on individual students from the group of Govt school students. They are spending almost 3 - 4 hours coaching for each subject and in total 14 hours everyday.

Arun Kumar scored 98.24 percentile in JEE Main 2021 and secured an All India Rank of 17061 and OBC-NCL rank of 3649. "When the lockdown norms were eased last year, the training was conducted on the NIT-T campus. We got an opportunity to stay there and experience what it would be like to study there. It helped motivate me further," Arun Kumar said.

Concepts were taught at regular intervals in each subject according to a schedule, which was planned considering Arun's regular school hours and the mentors' college hours. Regular tests were conducted to become familiar with the JEE Main pattern, along with 50 hours of classes per week. Initially, the classes were conducted over phone, orally. Later, since it was not effective, digital writing pads were distributed to the mentors that propelled their efforts in teaching.

Defence & Civil Services Cell

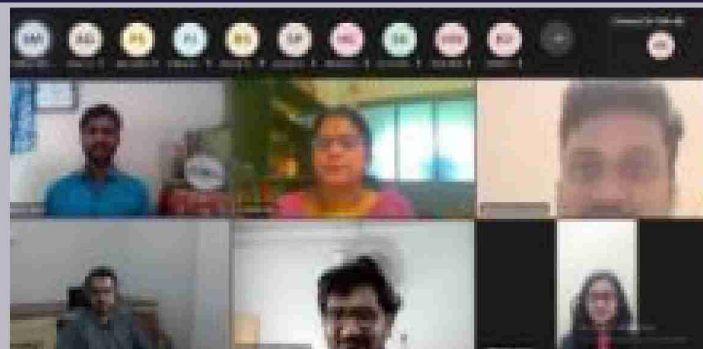
Lakshya is the annual Defence and Civil Services Festival of NIT, Tiruchirappalli, driven by the National Cadet Corps (NCC) Cadets of A-Flight NCC, NIT Trichy. It aims to persuade and motivate the youth of the college to join the Defence Forces and Civil Services through a plethora of offered opportunities. Lakshya offers a wide range of events, workshops, informals accompanied by guest lectures delivered by the veterans of their respective fields.



Tamil Mandram

Tamil Mandram is the cultural, linguistic and literary club for Tamil in NIT Trichy. We hold two flagship events, Vidhai and Kathir [Tamil Literature Events] every year; multiple interviews and guest lectures of eminent Tamilians; Debates, Workshops and so on. As a part of our club's activities, we also release a bi-annual Tamil magazine: NITtilam; organize Pongal celebrations, and conduct Tamil Lits events for both Festember and Aaveg.

IEEE Student Branch Activities September-October



The IEEE Student Branch of NIT Tiruchirappalli in association with IEEE APS Student Chapter organized a five-day online workshop on "Antenna & Microwave Circuits Design Using CST & TaraNG" from 29th October to 2nd November, 2021. The event was conducted virtually. The event was handled by personnel from Jyoti Electronics and TaraNG.

Ten interactive sessions were conducted during the workshop. The first four sessions of the workshop were titled "Introduction about CST and Metamaterials", "Antenna based Metamaterials", "Extraction of constitutive parameters using post processing in CST", "MIMO Antenna Design and Reconfigurable Antenna", "SIW Antenna and Rectifier Design" and were handled by Mr. Rahul Vashisth, Sr. Application Engineer, Jyoti Electronics, India. The fifth and sixth sessions on "Introduction to TaraNG, Hands-on session on wire Antenna design" were handled by Mr. Swapnil Gaul, Founder TaraNG and Ms. Madhura Barshikar, Application Engineer, TaraNG. Sessions seven and eight that focused on "Introduction to TaraNG Solvers & Interface, Hands-on session on Antenna design and RF circuit design" were handled by Mr. Gaul and Dr. Nihar Kanta Sahoo, Research Engineer, TaraNG. The ninth session was also handled by Mr. Gaul and it was a "Hands-on session on Recent Trends in Antenna Design". The final session of the Training Program was on "Discussion and future activities" and was delivered by Mr. Gaul and Dr. Sahoo. The workshop was attended by more than 80 participants including UG & PG students, PhD scholars, staff and faculty members from NITT.



Karyashala 2021



The Department of Energy and Environment, National Institute of Technology, Tiruchirappalli, organized a one week virtual workshop on Familiarization, Handling and Training on Sophisticated Analytical and Energy Audit Instruments for Engineers under the KARYASHALA Scheme funded by SERB, Department of Sci-ence and Technology, Government of India under Accelerate Vigyan Scheme.

The event was conducted from Oct 18-24, 2021, organized by faculty members, Dr. Premalatha M, Head of the Department, DEE; Dr. Ruben Sudhakar D, Asst. Professor; Dr. Jaganathan V M, Asst. Professor and Dr. Kalaiselvan N (PDF) and was coordinated by the following Mtech students: Ashin KK, Meenakshi Priyadarsini, Bhargav Inkula, Raichel Nivetha X , Ashwin Chaudari, and Satyanarayana Gangula. The various sessions were handled by skilled experts from esteemed Industries such as PerkinElmer, DEE, Tech Science & Global DSC, Metrohm and other academicians from reputed institutions.

The seven day event was inaugurated by Dr. S. Mohankumar, Director, Centre for Plant molecular biology and Biotechnology, TamilNadu Agriculture University, Coimbatore. During his speech, he gave the participants about the insights on maintaining waste management and waste recovery and encouraged the students to pave way for sustainable future by maintaining cleaner and smarter campus and thereby becoming smart citizens smart cities. The Presidential address was given by Dr. S. Muthukumaran(Dean R&C) followed by felicitation by Dr. G. Swaminathan (HOD - Civil) and the session concluded with vote of thanks by Dr. Ruben Sudhakar (Asst. Professor, DEE).

The forenoon session 1 of Day 1 was on Familiarization to TGA and DSC by Dr. M. Premalatha, DEE, NIT Trichy, followed by Hands on virtual training session for TGA. Forenoon session 3 was handled by Dr. A. Lawrence Scientist BHEL Trichy on TGA from an Industrial Perspective. The afternoon session I was a Hands on virtual training session for DSC followed by talk on DSC- An industrial Perspective by Mr.Sachin Gajakos Field Application specialist PerkinElmer . Session 2 was on DSC – Practical Applications by Dr. P. Vickram Professor Gandhigram Rural University. Towards the end of everyday, a final session was open for Q& A, feedback followed by quiz based on the day's sessions for all seven days.

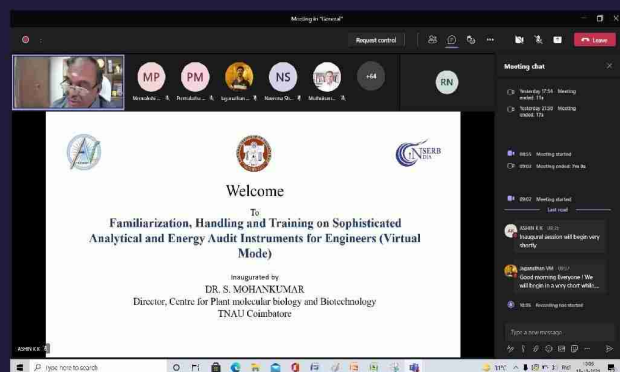
Day 2 consisted of the following sessions: Familiarization to CHNSO analyzer & Bomb Calorimeter by Dr. Jaganathan VM, DEE, NIT Trichy; Hands on virtual training session for CHNSO analyzer; CHNSO from an Industrial Perspective by Mrs.Vijaya Jyothi -Field Application Specialist PerkinElmer; Hands on virtual training session for Bomb calorimeter analyzer; Bomb Calorime-



ter from an Industrial Perspective by Mr. K. Balamurugan, Application Engineer, IKA India Pvt.Ltd.

Day 3's sessions were Familiarization to TGIR, FTIR and NIR by Dr. Murugesan, Scientist Retd. SAIF, IIT Madras; Hands on virtual training session for FTIR; IR Spectrometry – UVS NIR by Dr.Manohar Rao, Business development manager, PerkinElmer; Hands on virtual training session for NIR and TGIR ;and IR spectrometry – TGIR from an Industrial Perspective by Mr. Saurobh Jain, Field Application Specialist, PerkinElmer.

Day 4 comprised of the sessions on Familiarization to Energy Audit Instruments by Mr. Virendra Raghuram, DDG, NPC, Hyderabad; Hands on virtual training session for electrical energy audit; Electrical energy audit instruments – Case studies by Dr. M. Vivekanandan, CEO, TRYCAE Industrial Ltd.; Hands on virtual training session for thermal energy audit; Practical case studies of thermal energy audit Instruments by Dr. Dhamodhran, Assistant Professor, SSN college of Engg. Chennai.



Day 5's events were Familiarization to Moisture Analyzer & TOC by Dr. Ruben Sudhakar, DEE, NIT Trichy; Hands on virtual training session for moisture analyzer; Moisture analyzer & Ion Chromatography from an Industrial Perspective by Mr. Thyagarajan Shanmugam, Manager, Metrohm India Pvt.Ltd.; Hands on virtual training session for TOC; TOC from an Industrial Perspective by Mr. Ananthan AJ - Service Manager, Analytik Jena Pvt. Ltd.

Day 6 consisted of the following sessions: Familiarization, Analysis and applications to ECM by Dr. C. Nithiya, PSGR , Krishnammal College for Women, Peelamedu, Coimbatore; Familiarization to Molecular biology and its instrumentation by Dr. T. Sivasudha, Professor, Bharathidasan University, Trichy; Hands on virtual training session for Molecular Biology Instrumentation; Experimental uncertainty propagation using GUM and MonteCarlo approach by Mr. G. Gopi, Technical manager, Calibration lab, DEE, NITT.

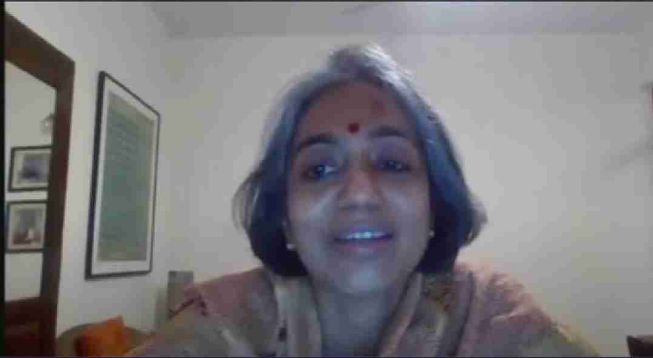
The final day 7's sessions were namely Importance of calibration of instruments and its industrial relevance by Dr. M. Premalatha, DEE, NIT Trichy; Hands on virtual training session of electrical instruments calibration; Hands on virtual training session of pressure and speed calibration; Hands on virtual training session of temperature calibration; Ethics in Scientific Research, Scientific misconducts: Falsification, Fabrication, and Plagiarism by Dr. G. Mahesh, Senior principal Scientist, CSIR-NIScPR.

The event finally ended with a valedictory function and was graced by our chief guest Dr. C. Mani, Gm(Retd.) Bhel Trichy And Lead Auditor – ISO. The futuristic plans of the department of Energy and Environment were discussed by our respected HOD, Dr, Premalatha. Finally, the winners of the quiz were announced and the session wined up with vote of thanks by Dr. Jagannathan VM. The participants were then provided with E-certificates and award winners of quiz with prizes and E-certificates respectively.



ARCHCULT – DEPT. OF ARCHITECTURE, NIT TRICHY

archcult'21



Archcult, NIT, Trichy's exuberant architecture symposium, provides a platform for interaction and connectivity, bridging the gap between students and architects of the field. The national fest is a gala of knowledge and excitement for students of the architecture community.

This year's Archcult, themed DIMENSIONS, aimed to broaden the horizons and shed light on the different possibilities an architect can take to diversify their arsenal and truly discover their passion while exploring further into architecture and its allied fields.

INAUGURATION AND PANEL DISCUSSION

On 9th October team archcult organized an inauguration ceremony to officially kick-start 2021 edition of archcult. It was conducted on WebEx. Apart from the team, faculties of department of architecture, NIT Trichy and panel members, it was attended by 112 students from different colleges. A Panel Discussion titled 'Waves of Change' was scheduled for the inauguration event. Following are the Panel members for the event:

Ar. Malak Singh Gill - Principal Architect, Architect Malaksingh Gill.

Ar. Neelam Manjunath - Principal Architect, Manasaram Architects

Ar. Satprem Maini - Director of the Auroville Earth Institute.

Ar. Suhasini Ayer - Principal Architect of the Auroville Design Consultants.

Ar. Varun Thautam - Director, Varun Thautam and Associates, Founding member, Handmade Architecture

CLUBHOUSE SESSION was an informal talk session among people of similar interests. The first session "The Redo Story" was conducted on 5th sept, with students joining in to share their college memories. The second session "What after BArch?" conducted on 12th sept, with a guest Ar. S Shiva Raman, Spacemush. The third session we had among us Ar. Subhash Chandran talking about "Architecture, Bamboo & College". The event was Moderated by Ar. Gita Balakrishnan, Founder of Ethos and ACEDGE. The guests spoke about the changes that were brought about in their practice and in the industry over time concerning – Construction Techniques and Technologies, Materials Innovation, Peoples mentality, architectural education and many more.



\ARCHCULT MUSINGS, AC21 GUEST LECTURE SERIES was an opportunity to listen, learn and interact with some renowned people, who have made a mark in their own fields. The following were the list of guests this edition of archcult had,

1) Anshuman Prasad, the man behind all the real like new worlds in movies like Batman vs. Superman, Winter Soldier, Girl with dragon tattoo on on 17th Oct. He took the participants through his life journey and the experiences that came with working in box office hits.

2) Ar. Benny Kuraikose, A pioneer of vernacular architecture, disciple of the legendary Laurie Baker – on 23rd Oct. He gave outlook into sustainable architecture, conservation and about true meaning of materials and labours.

3) Ar. Anastasia Prosina, Founder & CEO, Stellar Amenities – Space Architecture on 29th Oct, spoke about space architecture and her experience in the field and building on those amazing and unheard of dreams for careers.

4) Maria Elisa Navarro Morales, the woman behind the architectural environment of Assassins Creed, on 30th Oct, spoke about her journey from the field of architecture to game design and about her day job as being a professor of Architectural History.

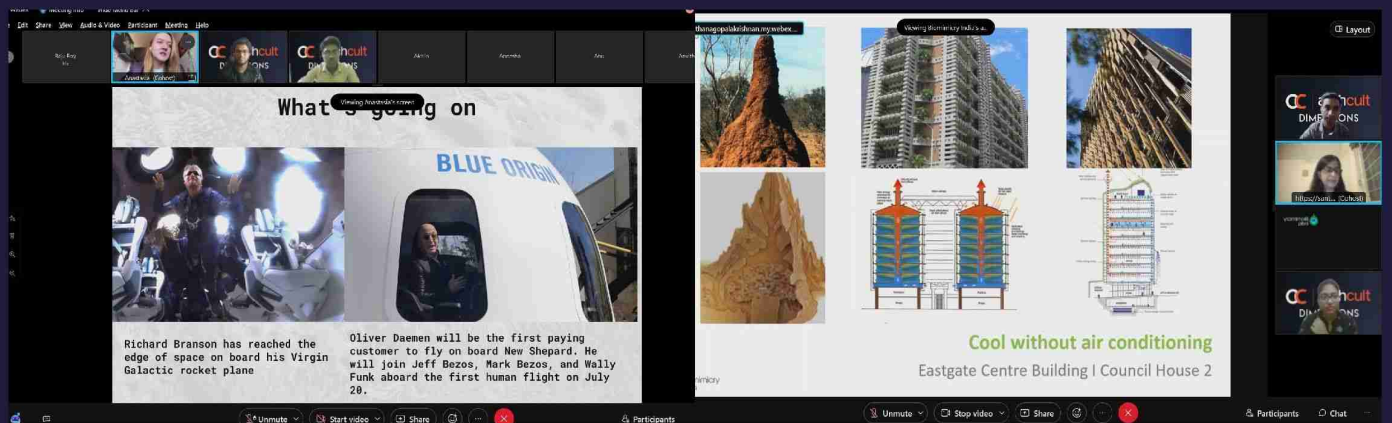
5) Ar. Seema Anand and Ar. Prashant Dhawan, Founders of Biomimicry, India, on 31st Oct conversed about their journey in spreading awareness about biomimicry and their relevance to Indian architecture and environment.

WORKSHOPS

A 1 day Product Design Workshop, 3 days Rhino + Grasshopper Parametric Architecture Workshop, 2 days Animation Workshop (Clipoture), 1 day Comic Workshop by Stephy Ann Tomy (Alumnus of NITT) and 1 day workshop on VR/AR Workshop by Ar. Vignesh Premkumar were conducted between 9th and 30th October.

COMPETITIONS

Competitions for students are being conducted under following categories - Comic Cues – Event for all wannabe comic creators, Memery – a fun event, VIDY'UT – Product Design Competition, ZAKYAN'TA – Architectural Design Competition and CHYT'RA – Graphic Design Competition.



Swachh Bharat campaign

As a part of the Swachh Bharat campaign, The office of Students Welfare initiated the CLEAN CAMPUS CAMPAIGN on 21.10.2021. The campaign was inaugurated by Dr N Kumaresan Dean of Students Welfare.

The objective of the drive is to create awareness, mobilise people and ensure their involvement in cleaning waste, mainly single-use plastic waste throughout the campus.

It is being organized through a network of Students clubs, faculty and Staff of the Institute.



Fit India

CYCLE RALLY

As a part of Fit India promotion activity and Confederation of Indian Industry, Young Indians (CII, Yi) -climate change initiative, Office of Students Activity and Sports under the section of Office of Students Welfare organized a 4 km cycle rally in the campus involving our students, faculty and staff on 16.09.2021 at 7 am.

The Director of the Institute Dr Mini Shaji Thomas inaugurated the event in presence of Dr Kumaresan, Dean (Students Welfare), SAS Officers and representatives of CII, Yi. Dr S Niveditha (Faculty DOMS) welcomed the participants in the event.

In the event, the participants took a pledge on protecting nature and to be eco-friendly.

The Director of the Institute edify on the importance of preserving the nature and importance of Physical fitness in daily life.

The presence of the Director in the cycle rally enthused the students in the event.



Activities of Student-club

Dance Troupe

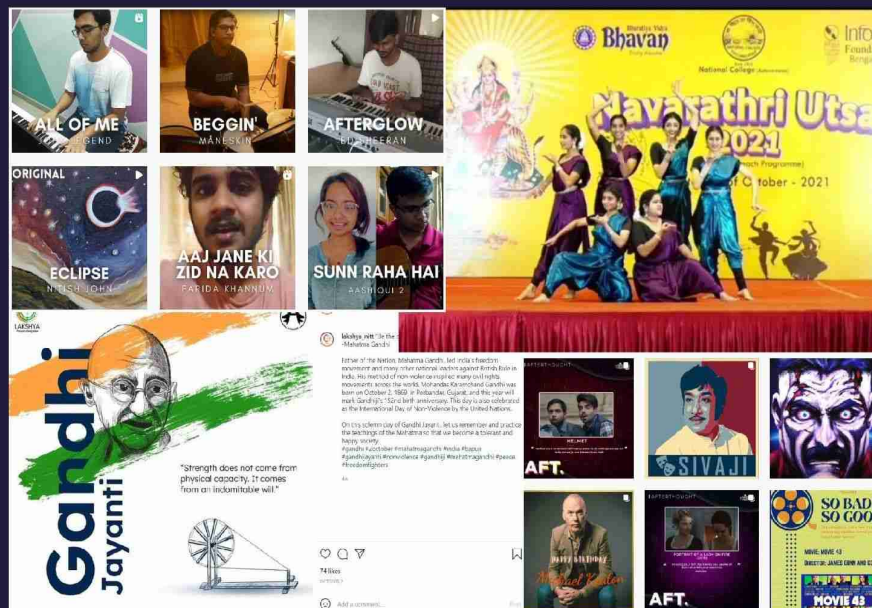
Dance Troupe held the competition 'D-SYNC,' and it consisted of solo and group events. It garnered over 70 entries and had three winners from each category.

'Navarathri Utsav' was the Eastern troupe's first stage performance after almost 2 years. It followed the theme 'Navarasa,' showcasing the 9 emotions of life through short mythological stories.

Film Society

Film Society held weekly meetings titled 'Writer's Room' and the members collaborated on the script-writing process or drafted their own script.

They also put out several social media posts with a curated list that included celebrity birthdays, movie suggestions, movie reviews/analyses and film-related stories.



Lakshya

Lakshya celebrated various occasions through their social media posts. Most notable mentions include the 152nd Birth Anniversary of Mahatma Gandhi to mark International Day of Non-Violence and the Indian Airforce Day.

Music Troupe

Music Troupe has achieved an engaging online presence across Instagram with their musical covers on sensational songs.



PixelBug

Pixelbug produced content under various themes for the social media pages of Festember to promote the annual Rolling Reels Film Festival (RRFF) and Ad Meliora. The team also covered Institutional Events such as the Miyawaki Forest Walk and the Marathon held to promote the MHRD Cleanliness Drive.

Sociology and Civics Club

The Sociology and Civic Club held an event - HOMANIAC, held in the month of October, hosting 2 mental health experts - Ms. Namrata Jain and Ms. Arouba Kabir Pathan. They demystified concepts of therapy and highlighted the importance of mental health.

Aayam , The Hindi Cell

Umang-2021, the Hindi week, was celebrated at NITT premises from September 17 to September 26 by AAYAAM -The Hindi Cell of NIT Trichy. With over 400 participants across different events, the event aimed to enrich the non-Hindi speaking society and increase their curiosity about the language.



Tamil Mandram

To commemorate the centenary memorial year of Mahakavi Bharathiyar, Tamil Mandram NIT Trichy conducted an International Level Poetry competition for college students titled 'Nammul Bharathi.'

The competition received an overwhelming registration of 246 candidates from different countries and hosted the celebrated lyricist, Poet Ms. Parvathy as the judge for the event.



Technical Council

- ❑ The Technical Council kicked off TecOS, a community focussed on promoting Open Source culture in NITT, and set up 2 sessions on having reaching out to beginners on how to begin with Open Source project contribution and using Git.
- ❑ The Technical Council and NITTSAC also began “Industry Insider”, where NITT alumni talk about how different industries work, with the Pilot session conducted with 3D Aero Modeling club on Satellite Communications by Mr.Sunkara Ashish who works at ISRO.
- ❑ The CoE Student Representatives were selected by the Tech Council and Students’ Council to allow of greater communication and utilization of the facilities.

Technical Communities

- ❑ The Women Inclusivity Network NITT successfully conducted codeHERS, a coding competition to upskill and promote competitive programming.
- ❑ CryptoNITT, the blockchain community of NITT, conducted 2 sessions on Blockchain for beginners in association with Tezos India. CryptoNITT also promoted yBlockchain’s Summit on crypto and future of Blockchain.
- ❑ Google Developer Students’ Club, NITT, conducted the 30 days of Cloud sessions, to upskill the students of NITT on cloud computing, with the mentorship of Ananth.V, 4th year from Delta Force.
- ❑ SCIEnt and TC worked on gaining a consensus to gain knowledge on the requirements of students, which would be procured through alumni funding.

Technical Clubs

- ❑ The first prototype of the Common Cycle Docking system was developed by the Designers’ Consortium. The IoT based system will incorporate hardware from DC and software to be developed by Delta Force.
- ❑ Delta Force began its yearly flagship event, the Delta Winter of Code, an open source contribution event with corporate projects for students to work on.
- ❑ The Entrepreneurship Cell announced its Pre Incubation event, in association with Rockfort Ventures, an NITT Alumni venture capitalist group, to promote a startup culture in the student community.
- ❑ Redesign of the nitt.edu website began, with migration of the content to be done by mid november. This would accompany the NITT App, Inventory management system and the Students site projects which are ongoing for launch by mid December.
- ❑ Clubs began working on the approved projects and are looking forward to a productive year of innovation. Clubs were asked to work on patenting designs and working towards diversification of interest.



NITTSAC activities

September-October 2021

Industry Insider

It is a series of sessions planned once or twice every month, in which experienced alumni from various industries like Pharmaceuticals, Space, E-commerce, Finance, IT, Food, etc. are planned to be called up to help the students understand the inner workings of the industry by bringing in professionals to help understand what goes on behind the scenes. Various career opportunities and how students should equip themselves to navigate such opportunities are also discussed.

The initiative is jointly hosted by the Technical Council, NITT and NITTSAC. The first session was hosted on October 24, on Space and Satellite Communication, which was conducted by Mr. Sunkara Akash, Batch of 2015, ECE. The event was very well received among the student community.

ZeNITTh Alumni Spotlight

ZeNITTh - Know your Alumni Series is a periodic update intended to recognize our esteemed Alumni in various capacities. These posts contain a short synopsis of their journey over the years. During the month of September and October, we at NITTSAC recognized 5 of our esteemed Alumni. These posts were on LinkedIn, Instagram, and Facebook, briefly expressing their trail and inspire young minds.

1. Mr. Rajendra Kumar Aryal Country Director - Food and Agriculture organization of the United Nations, Indonesia. (Civil, Batch of 1991), DAA 2020, Excellence in service to society.
2. Anantha R Sethuraman :General Manager of Strategic Programs, Applied Materials Inc., California, USA.(Metallurgical Engineering, Batch of 1982), DAA 2020, Excellence in Corporate and Industry.
3. Mr. V. Srinivasan: Former Chief Controller and Deputy Director at the VSSC, ISRO, Thiruvananthapuram. (Chemical Engineering, Batch of 1974), DAA 2020, Excellence in Research and Innovation.
4. Dr. Sethu Vijayakumar: Professor of Robotics at the University of Edinburgh. (Computer Science Engineering, Batch of 1992), DAA 2020, Excellence in Research and Innovation.
5. Dr. Sathiya Keerthi Selvaraj : Principal Staff Scientist, AI Group, LinkedIn Corporation (Mechanical Engineering, Batch of 1992), DAA 2020, Excellence in Research and Innovation.

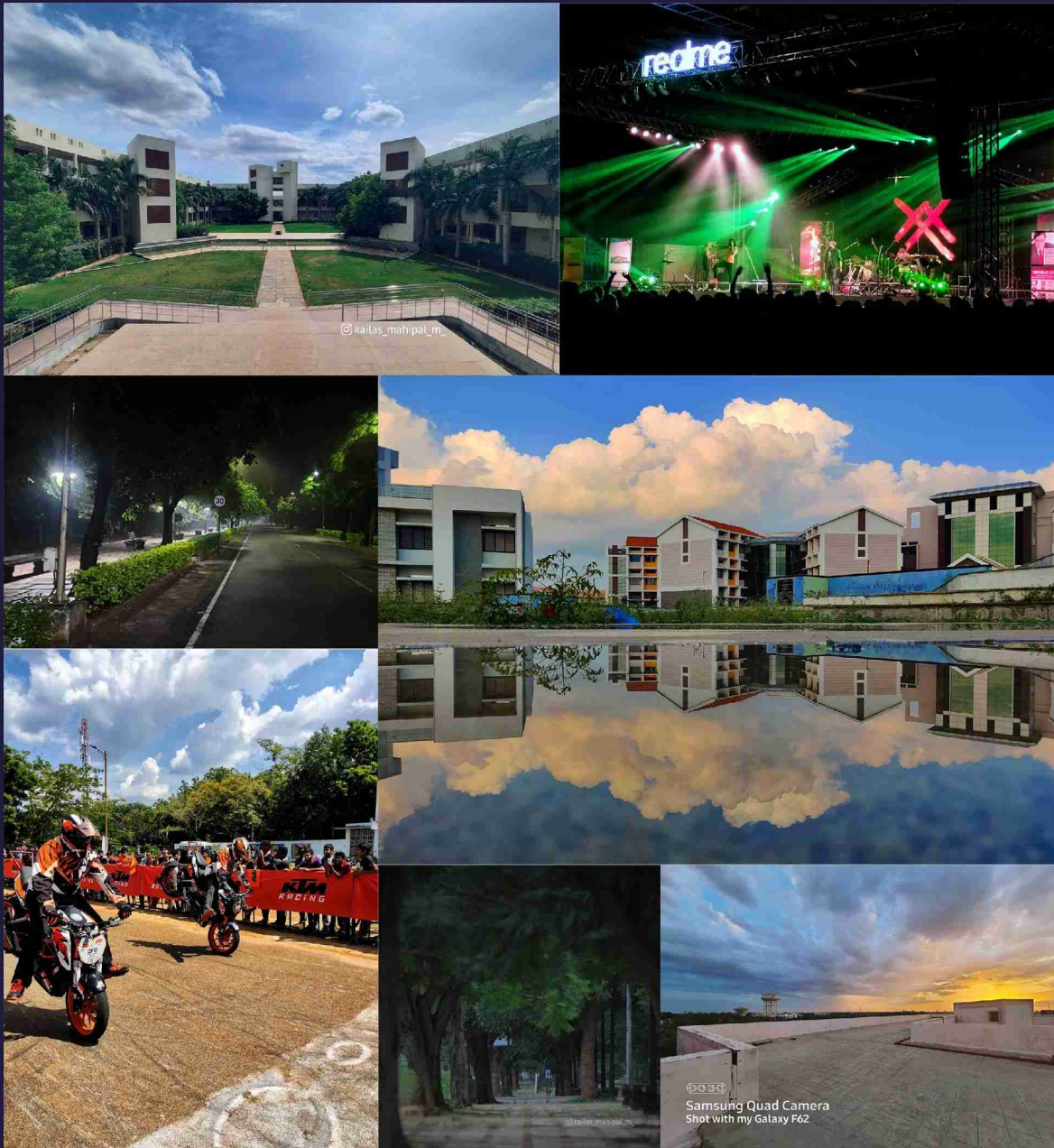


PHOTOGRAPHY CONTEST

October 2021

The Public Relations of Media Team of NITT Tiruchirappalli conducted a photography contest on 11th October, on its social media handles. The contest was conducted under the theme 'campus life' and the students were asked to share their entries using the hashtag '#nittmemories'. The entries were judged by our alumnus, Abishek Palraj from the Department of Mechanical Engineering (2020 Batch).

(The best clicks were featured in the official social media pages.)



1970 Batch Reunion



With a mixed bag of experiences, college accounts for one of the most exciting and cherishable days in the life of every student that is often treasured for years to come.

The enriching friendships and bonds made during the days of college call for a joyous occasion to reminisce about these shared experiences of the past.

In the same spirit, the 1970 batch of NIT Trichy held a reunion on 28 October 2021. Celebrating 50 years after graduating from NIT Trichy, the alumni were thrilled to meet their batchmates during the Golden Jubilee Ceremony. Returning to the place that was once the land of their dreams, the alumni were exultant after discovering the institute's astonishing development over time.

Besides getting to meet their old mates and catching a glimpse of the strides taken by the institute, the feeling of walking through the memory lanes only strengthened their affection for NIT Trichy.

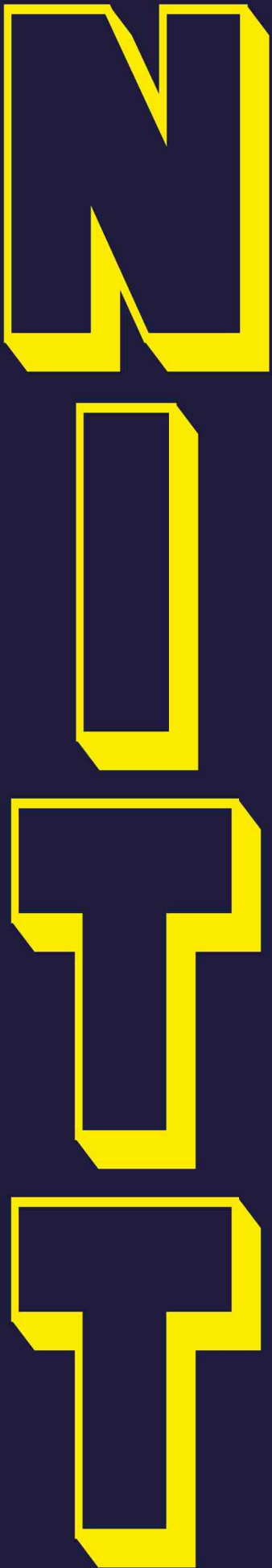
Director Dr. Mini Shaji Thomas, who presided over the event, spoke about the institute's evolution through the years.

She drew a comparison of how the times have changed and outlined the growth of UG, PG, Ph.D. programs and the recent accomplishments of the institute.



She also thanked RECAL and the alumni for their wholehearted efforts and contributions during the pandemic and wished everyone the very best in their lives.





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CONTENT

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COMPILED BY

K. Bhagyasri

CONTENT COORDINATION & EDITING

Dr. Nisha Viswanathan

Dr. Manju Mahipalan

CONTENT WRITING STUDENT TEAM

Subikshaa Stalin

Thejeshwar Karthikeyan

DESIGNED BY

Dinesh Kumar R

Mohammad Abdul Shahad



*National Institute of Technology, Tiruchirappalli,
TamilNadu, India - 620015*

Institute : + 91-431-2503000 / 2504000

Fax : + 91-431-2500133

Website : <http://www.nitt.edu>

Email : mint@nitt.edu

