

04 volume  
02 issue



# COMMUNITY

*THE OFFICIAL NEWSLETTER*



'22  
MAR APR



## Greetings,

The Institute was abuzz with events and activity in the months of March and April. We celebrated our 59th Institute Day on 27th April 2022 to felicitate the achievements of the NIT Tiruchirappalli fraternity in the academic year 2021-22. Prof. V. Kamakoti, Director, IIT Madras, graced the occasion with his presence. In his address to the gathering, he emphasized the need for the indigenous development of technology and the importance of technology indigenization. The newly elected Student Council for the academic year 2022-23 was also introduced to the Institute community on this occasion. I once again extend my congratulations to the individual awardees and commend the collective efforts behind the awards secured by the various departments.

This year, Pragyan, our ISO certified techno-managerial fest, was successfully organized in hybrid mode, showcasing an array of events, workshops webinars, talks, social responsibility initiatives and outreach activities geared towards sensitizing young engineers and innovators on the importance of integrating technology with social responsibility. The Institute celebrated the International Women's Day this year with a week-long series of events and discussions on the constraints and progress in expanding the role of women in science and technology. We also celebrated NITTFEST, the interdepartmental cultural fest, and Sports Fête, the interdepartmental sports fest, with aplomb this year. The Sportsfete was inaugurated with a marathon on campus, with 1557 enthusiastic students participating. It was the first campus event of its kind to be held after the pandemic-imposed hiatus, and it was heartening to see the participants take to the trail eagerly.

Moreover, several workshops were organized in the last couple of months to benefit the broader scientific community, notably, the SICI sponsored workshop on sustainable alternatives to conventional fuels, organized by the Department of Chemical Engineering, and the SERB sponsored workshop on Applied Machine Intelligence Techniques for Enterprise Architectures, organized by the Department of Computer Applications. We also signed MoUs with the Bridge Bharat Council and the Vinayaka Mission Research Foundation in line with our vision to promote collaborative research and consultancy.

I present to you the current issue of the newsletter highlighting our recent achievements and the notable initiatives undertaken in the months of March and April 2022.

## DIRECTOR'S MESSAGE



**Dr.G.Aghila**  
Director



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# PUBLIC RELATIONS & MEDIA TEAM

## **Dr. Vinod Balakrishnan**

Professor, Humanities

## **Dr. N. Sivakumaran**

Professor, ICE

## **Dr. B. Janet**

Assistant Professor, CA

## **Dr. Umasankar Patra**

Assistant Professor, Humanities

## **Dr. Manju Mahipalan**

Assistant Professor, DoMS

## **Dr. Nisha Viswanathan**

Assistant Professor, Humanities

## **Dr. Janarthanan Balakrishnan**

Assistant Professor, DoMS

## **Ms. K. Bhagyasri**

Assistant Professor, Architecture

## **Mr. A. Amalan Joseph Antony**

Technical Officer, CSG

## **Mr. S. Kaushik**

Office of PR & Media (Intern)

## STUDENTS

### **Thejeshwar Karthikeyan**

Batch 2023, Mechanical Engineering

### **Chandhana Ravikumar**

Batch 2023, Civil Engineering

### **Sethu Mathavan D C S**

Batch 2024, Electronics and Communication Engineering

### **Shreya Bharathan**

Batch 2024, Electrical and Electronics Engineering

### **Dinesh Kumar R**

Batch 2024, Architecture

### **Mohammad Abdul Shahad**

Batch 2024, Mechanical Engineering

Published by



## Institute Day' 22



### 27-04-2022 | Wednesday | Barn Hall

The 59th Institute Day of National Institute of Technology - Tiruchirappalli was celebrated on April 27th, 2022 at 2:30 pm at the Barn Hall, in the gracious presence of Prof. V. Kamakoti - Director of IIT - Madras as the chief guest. Presided over by the Director Dr. G. Aghila and Chairman of the Board of Governors Shri. Bhaskar Bhat.

The Student Council President Madhav Agarwal initiated with his welcome address, welcoming the dignitaries, the faculties, the staff, the students and the press and media representatives. He thanked his fellow student council members, the three different directors who headed the institution in different times of the academic year.

Following him, the Dean of Students Welfare took to presenting the gathering with the extensive report of academic achievements in the academic year of all departments, namely the details of significant publications, sponsored projects, patents, consultancy, conferences and guest lectures.

He pointed out that inspite of economic slowdown due to COVID placements remained as high as 90% for undergraduate programmes and 85% for postgraduate programmes which testifies the high confidence in the institute among employers. The MoU between NITT-CEDI and Tamilnadu Industrial Investment Corporation (TIIC) has been a notable milestone of the academic year.

Next Dr. G. Aghila, Director of NITT delivered the Director's address. She congratulated the academic, student welfare, and academic offices for the efforts put into facilitating the re-entry (to hostels and physical classes) of 2500 students through 11 re-entry phases.

Addressing the achievements of the institution as a whole, she acknowledged the efforts of NITT's NIRF Taskforce for NITT retaining the 9th position in Engineering and first rank among all NITs.

Next, Shri Bhaskar Bhat, Chairman of Tata Sons, also the chairman of the board of governors of NITT gave his chairman's address.

The prevailing climate for startups and unicorns in India has been extremely positive in recent years. Startups, he said, are a great way to display indigenously developed technology.

By simplifying and making online technology accessible, Indians have proven wrong the prediction that online education would create a digital divide, said the Chairman.

The institute day address was delivered by the chief guest Dr. V. Kamakoti. He talked about the development of 'Shakti', India's indigenously developed microprocessor. He explained that India needs to develop technology due to the growth of mobile phones and other electronic devices, as well as for national security reasons.

Following his address, the student achievers of the academic year were felicitated by the chief guest. Over 300 students from all departments comprising top 3 rank holders of undergraduate and postgraduate programmes were awarded. Also, 40 alumni awards were awarded to the best outgoing students of undergraduate and postgraduate programmes.

Madhav Agarwal won the award for the best outgoing student in computer science and engineering, while Manchala Rahul in chemical engineering got the Anand Chidambaram memorial award. The award for best outgoing girl student went to Swesha Venkateswaran from Production Engineering. Doctoral student Kirubanithy and undergraduate student Jerry were adjudged the best sportsmen, and Architecture student Srinidhi Chiravurri was adjudged the best sportswoman. Praneashram of Production Engineering and Dinakar of Chemical Engineering won the best batsman and bowler awards respectively. Endowment awards on various criteria were also awarded to 27 students.

Following the students, the best faculties of all cadres were felicitated. Dr. R. Anand, Dr. S. P. Sivaprakasam of Mechanical Engineering, and Dr. Sishaj P Simon of Electrical and Electronics Engineering were recognised as the best innovators. The institution's decision to recognise the best innovators among the faculties, is truly a sign of progressivism, commented the Chairman Shri. Bhaskar Bhat earlier in his address.

There were 13 doctoral research scholars as well, from various departments who also won budding researcher awards. Non-teaching staff were also recognised and awarded for their contributions.

The Department of Mechanical Engineering won the best department award in the engineering category, while the best non-engineering category award went to the Department of Chemistry. The heads of departments of both, received their awards respectively.

The Institute Day' 22 is the right occasion to introduce the newly elected student council of the institution. The new Student Council president Akhilan of Department of Instrumentation and Control Engineering and Vice President Jesse Andrea of Dept of EEE took their oaths to their new office, thus taking on the baton of responsibility from its predecessors.

The student council vice president Pooja Srinivasan delivered her vote of thanks expressing her gratitude on behalf of the organizers for making the event a success, followed by the conclusion of the event with the National Anthem.



## Director's Press Meet



### 16-03-2022 | Wednesday | Cauvery Hall - Hotel Femina

As the National Institute of Technology, Tiruchirappalli began looking forward to offline student activities as well as students reoccupying campus, Director Dr. G. Aghila and her team addressed the Press and Media at an independent press conference organized by the institution

The press were addressed on various upcoming developments in the campus and the goals that are set to be accomplished under her tenure as the new Director of NIT Tiruchirappalli. Pragnan, IGNITTE, NITT's social responsibility initiative to assist underprivileged students, Research and Consultancy, Sports feats, Entrepreneurship development and Alumni relations and achievements were some of the key things discussed in the press conference.

The Director also emphasized the spirit of "locally relevant, globally competitive" upon which the institution is marching ahead.

## SICI sponsored Online Workshop : Next Gen Fuels: A sustainable approach:

### 16.03.2022 - 20.03.2022 | Department of Chemical Engineering

The Department of Chemical Engineering organized an online workshop on Next Gen Fuels: A sustainable approach sponsored by SICI, and stretching over the course of 5 days from the 16th to 20th of March. Honourable dignitaries attending the event included Dr. G. Aghila, Director, NIT Trichy, Dr. Ajay K Dalai, Distinguished Professor, University of Saskatchewan, Canada, Dr. Prachi Kaul, Director, Shastri Indo-Canadian Institute (SICI), Dr. P. Kalaichelvi, Head of the Department and several eminent professors, scholars and students from various colleges.

The event was presided over by Dr. G.Aghila, Director of NIT Trichy who highlighted the future of next generation fuels in her address. Dr. Ajay K Dalai, Distinguished Professor, University of Saskatchewan, Canada had kindly consented to be the Chief Guest for the event, and emphasized the significance of sustainable fuels over conventional fossil fuels, and the necessity for research. Dr. Prachi Kaul, Director, SICI delivered the Felicitation address highlighting the scope of the workshop, and enlightening the steps taken by SICI towards the development of research in sustainable fuels.

## SERB Sponsored 7-day Workshop on Applied Machine Intelligence Techniques for Enterprise Architectures

### 21-27 March 2022 | Department of Computer Applications

The Computer Applications Department of NIT Trichy organized a 7-day Workshop on "Applied Machine Intelligence Techniques for Enterprise Architectures", sponsored by the SERB (Science and Engineering Research Board, Government of India) on the 21st March 2022.

The inaugural function was organized at MCA Lab of Computer Applications department, with the Principle Investigator, Dr. Michael Arock welcoming the gathering. The function was presided over by the Head of the Department, Dr. PJA Alphonse who delivered the Inaugural address. There were around 25 participants from Academia, Research Institutes and Industry all over the southern region of the Nation.

Dr. R. Balaji Ganesh, the co-coordinator, delivered the vote of thanks.





# International Women's Day'22 Celebrations

March 4-8, 2022

The National Institute of Technology, Tiruchirappalli celebrated International Women's Day over a course of five days, from the 4th to 8th of March, with a plethora of events ranging from talks on socially relevant topics to sports and cultural contests. This was coordinated by Dr.M.Sridevi (CSE), Dr.V.K. Karthika and Dr.Padmaja M (HSS).

The programme was inaugurated with a walkathon organised by the Department of Physical Education with participation from the faculty, staff and students. Ms. Jayasri Seth, corporate scientist and chief science advocate at 3M addressed the NITT community on the second day in virtual mode from the US, on women in science and technology. This was followed by a talk on gender sensitization, delivered by Dr. G. Anitha, Internal Medicine Practitioner and the former Dean of Government Medical College, Trichy.



Throughout the event, several online competitions and events over a wide range of topics such as dance, photography and music were conducted on topics sensitive to women. These were judged by a panel of external judges and the best entries were livestreamed on the third day of celebration. Apart from these, offline cultural as well as sport contests were also conducted. The valediction ceremony was held on the 8th of March, presided over by Dr. Aghila, Director of the Institute.

## MoU signed between NITT and Bridge Bharat Council:



28-03-2022 | Monday

The National Institute of Technology signed a Memorandum of Understanding with the Bridge Bharat Council for Promotion of Innovation, Research and Entrepreneurship on the 28th of March. Director of NIT Tiruchirappalli Dr. G. Aghila and Deepa Jeyakumar, Founder cum Director of Bridge Bharat Council signed the Memorandum in the presence of Dean (Research and Consultancy) Dr. S. Muthukumar, Dr. MC Santhosh Kumar and Veteran Wing Commander M Jeyakumar of Bridge Bharat Council.

Both the institutions have agreed to co-operate and collaborate on areas of research and consultancy in Defence and Civil related Make in India projects and explore real life applications of exploratory research projects completed by the academia of the institutions, as part of this memorandum.

## Workshop on Emergency Response Support System begins at NIT-T:

06-04-2022 | Wednesday

The Institute held a five day workshop on "Emergency Response Support System - 112", in partnership with CDAC. The event was inaugurated on the 6th of April in the presence of Dr. Kumaravel, Professor and Head of Department of Orthopedic Surgery and Rehabilitation, Thanjavur Medical College as the Guest of Honour and was presided over by the Director.

The inauguration discussed the development of a Centre of Excellence at the campus to facilitate research work, with the presidential address from Director G. Aghila discussing the role of technology in developing a smart and secure environment, stressing on the importance of an energy management system. In his address, Chief Guest Dr. Kumaravel highlighted the golden hour principle and the necessity of delivering assistance to victims in a timely manner by integrating various systems.





## Five-day workshop on Numerical Techniques and its Applications in Real Life Problems

07-03-2022 - 11-03-2022 | Dept of Mathematics

The Department of Mathematics, NIT Tiruchirappalli organized a five-day workshop, from the 7th to the 11th of March, on “Numerical Techniques and their Applications in Real Life Problems” in collaboration with the Rajiv Gandhi National Institute of Youth Development, Sriperumbudur. Receiving over 50 participants, the workshop involved hands-on training sessions and discussions, with two lectures conducted every morning session.

The program helped in enriching the participants’ knowledge on the application oriented side of solving real-life problems using mathematical techniques.

## Energy Swaraj Yatra Lecture by Dr. Chetan Singh Solanki



12-04-2022 | Tuesday | Department of Energy and Environment

The Department of Energy and Environment hosted a lecture on “Energy Swaraj - Energy, Climate Change and I” by Prof Chetan Singh Solanki, IIT Bombay illustrating the rising threat of climate change.

Prof. Solanki emphasized on creating awareness amongst the common populace regarding energy conservation and the adoption of solar energy, having set on his Energy Swaraj Yatra from 2020 onwards. During his address, he asserted that climate change is a ticking time bomb, owing to the careless energy consumption showcased by the populace. He also challenged the common perception that prosperity comes with financial growth, stating that while we focus on extracting growth from our resources, we are destroying the nature that nurtures us.

## Jal Shakthi Abhyan Rally:

19-04-2022 | Tuesday | National Service Scheme

As a part of the Jal Shakthi Abhyan, the time-bound water conservation campaign inspired by the impetus of Honourable Prime Minister Narendra Modi on Jal Sanchay, the National Service Scheme volunteers of NIT Tiruchirappalli organised a cycle rally involving the faculties, deans and students utilizing placards with quotes and statistics to spread awareness on water conservation and management by rallying around the campus.

The Director of NIT Tiruchirappalli flagged off the cycle rally in the evening of 19th March.





## MoU with Vinayaka Mission Research Foundation:

**20-04-2022 | Wednesday**

National Institute of Technology Tiruchirappalli (NITT) is well known for its high standards in teaching and research ranked No. 1 position among all NITs, 5th year in a row in the NIRF ranking. The Institute has signed MoUs with various Industries and Institutions both in India as well as abroad to promote collaborative research and consultancy.

On 20th April 2022 they signed a MoU with Vinayaka Mission's Research Foundation (VMRF). VMRF has 24 Constituent Colleges & Schools including 2 Engineering colleges, 3 Medical Colleges etc. under the University located at Salem, Kancheepuram District, Puducherry & Karaikal. NIT, Tiruchirappalli and VMRF will collaborate in mutually agreed Research Activities and Carry Out Research, Publish Joint Publications, Patents, Apply together for external funding for various Research Call for proposals etc in significant research areas like Nanotechnology, Artificial Intelligence for health Sciences, Chemistry, Physics, Structural Engineering, Lightweight Materials, Metal Joining, IoT, Cyber Security, Renewable Energy and Hardware Security.

This MoU will promote flow of students between the institutions as part of the academic and research collaboration. Exchange of academic information, scholarly information, materials and publications, Utilization of research facilities in the respective institutes. NITT is actively involved in developing sensors and devices which can find applications in health care services. This MoU will help in clinical trials and field application of the devices developed at NITT.



Dr. G. Aghila, Director, NITT, Dr. S. Muthukumaran Dean (R & C) NITT, Dr. S. Velmathi Head, Department of Chemistry, NITT and Dr. B. Jaykar Registrar of VMRF, Dr. S.A.V. Satya Murthy Director - Research (VMRF), Dr. A. Nagappan, Director - Innovation, Incubation and entrepreneurship (VMRF), Dr. S. Suriya Narayanan - Deputy Director Research (VMRF) were present during the meeting. This MoU will be in force for a period of 5 years from the date of signing.

## Cyber Security Seminar / Event:



**23-04-2022 | Saturday | Dept of Instrumentation and Control Engineering**

The Department of Instrumentation & Control Engineering, NIT Trichy in collaboration with the Student Section of the International Society of Automation, NIT Trichy organized a hybrid Cyber Security event on 23.04.2022. The event was handled by Mr. Manjunath Hiregange and Mr. Sakthi Kumar Manohar who are Industrial Experts in the domain of Cyber Security working at GE Power Conversion as Staff Product Security Analyst and Senior Product Security Analyst respectively.

The session commenced with a hands-on workshop at 9 AM targeting an audience majorly from the 1st year of M.Tech Industrial Automation Students and the research scholars from the ICE Department. The workshop was organized at the seminar hall of the ICE Department and ended at 4.30 PM.

The second part of the session was open to all the faculties, non-teaching staff, scholars, and students. The seminar commenced at 5.30 PM and concluded at 7.30 PM at the EEE Auditorium, NIT Trichy. The speakers delivered a seminar with a central theme on "Cyber Hygiene in day-to-day life" and "Career in Cybersecurity" addressing both offline and online participants.



## Blood Donation Camp at NITT:

**23-04-2022 | Saturday | NCC-NSS**

A Blood donation programme was conducted at the National Institute of Technology, Tiruchirapalli, on April 23rd by National Cadet Corps (NCC) in remembrance of Late Ex. Cadet Corporal Kapil Kunt, in association with the National Service Scheme (NSS) and NITT Hospital under the guidance of Dr Priyanka.

The Director of the Institute, Dr G. Aghila, inaugurated the event and asserted the importance of such social responsibility acts. There was an overwhelming response from students, staff and faculty members. Around 150 participated in the event. Proper refreshments and a blood donation certificate were given to the donors, along with other goodies.



## Training of Trainers on 21st Century Skills Education:



**17-03-2022 - 19-03-2022 | Thursday - Saturday | Dept of Humanities and Social Sciences**

A Three day offline workshop on "Training of Trainers on 21st Century Skills Education" was organized by Dr. S. Mekala and Dr. N. Thamaraiselvan from 17th March 2022 to 19th March 2022 at National Institute of Technology- Tiruchirappalli.

The Inauguration ceremony was conducted at 9.30 am on 17th March 2022. Dr. S. Mekala, Coordinator welcomed the gathering and propounded that the dissemination of ideas in this workshop will capacitate the participants the need for 21st Century Skills Education in their teaching. Dr.N. Thamaraiselvan, Co-coordinator, briefed the participants with objectives of the programme. Dr. G. Muruganantham felicitated the gathering and Dr. Jayakar Chellaraj delivered the Keynote Address. Ms. Pragma, Research Scholar expressed her profound gratitude to the programme coordinators for their guidance and support.

The Valediction ceremony was conducted at 5.30 pm on 19th March 2022 in the presence of the coordinators. The participants shared their feedback about the programme. They affirmed that the resource persons facilitated an impact and importance of 21st Century Skills Education on their teaching methodologies and inspired them to implement positive changes in their classroom. They appreciated the coordinators for their diligence in organizing this programme and asserted that this programme was ingenious.

## MRF Activities:

**March - April 2022 | Dr. Sivanesan | Department of Mathematics**

Mathematics Research Forum (MRF) is a collective initiative of the department faculty members. The forum has been engaged in arranging expository talks since its inception on December 22, National Mathematics Day 2021. Prof. R. Ramanujam, a retired Professor from The Institute of Mathematical Sciences, Chennai, has delivered the inaugural lecture at the forum. During January and February 2022, MRF has arranged Five expert lectures on a wide range of topics. In continuation of its effort to improve the research culture in the campus community, MRF conducted three lectures and a National Workshop in March and April 2022.

Miss. Shalu Yadav, Ph.D. scholar from National Institute of Technology Tiruchirappalli, has delivered the lecture on "Comparison between real analysis and complex analysis".

Mr. Praveen Kumar Rajan, DST - INSPIRE Fellow National Institute of Technology Tiruchirappalli, delivered the lecture on "Introduction to Mathematical Epidemiology". Dr. Jitraj Saha, Assistant professor of Mathematics from National Institute of Technology Tiruchirappalli, delivered a lecture on "Existence and uniqueness of mass conserving solutions to the coagulation and collision-induced breakage equation". The Forum in collaboration with department faculty members organized a Five days National Workshop on "MATLAB and LATEX for beginners", called MaTeX-2022.

More than 200 students, scholars, and academicians benefited from the workshop. This workshop received appreciation from the Director and Deans and faculties and participants.



## Five Days National Workshop on MATLAB and LaTeX for beginners - A report

**04/04/2022 - 08/04/2022 | Department of Mathematics**

The Department of Mathematics, National Institute of Technology Tiruchirappalli, conducted a five days National workshop on MATLAB and LaTeX for beginners during 4th - 8th April, 2022, online, via the video conferencing platform Webex. The workshop was inaugurated by Dr.G.Aghila, Director, National Institute of Technology Tiruchirappalli. Around 200 participants including research scholars, teachers, undergraduate and postgraduate students from NITT and other institutes participated.

Dr. V.Ravichandran, NITT, Dr. Abhijit Das, NITT, Dr.Atul Kumar Verma, NITT, Dr.Deepti Shakti, Chatrapati Shahuji Maharaj Govt. Polytechnic, UP, Dr.Sudipta Chakraborty, NIT Silchar, Dr.Ankur Kanaujiya, NIT Rourkela and Dr.Natasha Sharma, KMV Jalandhar served as resource persons covering various topics.

The participants were greatly benefitted and the valediction of the workshop was held on 8th April, 2022 with Dr. S. Muthukumar, the Dean, R&C, NITT delivering the valedictory address. Dr. Atul Kumar Verma, Dr.Abhijit Das, Dr.M.Sivanesan and Dr. N.Shivaranjani, Assistant Professors, Department of Mathematics, NITT were the co-ordinators of the workshop.



## 13th Dr. S.H Ibrahim Memorial Guest Lecture:

**25-05-2022 | Friday | Dept of Chemical Engineering**

The Dr. SH Ibrahim Memorial Lecture is an endowment lecture in memory of our beloved Dr. SH Ibrahim, the first HoD of the Chemical Engineering Department at NIT Trichy. We had our very own Dr. N Anantharaman enlighten the audience on the genius of Dr. SH Ibrahim. This year, on the 25th of March, we had Mr. V Srinivasan deliver the memorial lecture.

We then had the Director of NIT Trichy, Dr. G Aghila, who presided over the endowment lecture, address the gathering. Mr. V Srinivasan On behalf of our guest, Dr. Arunagiri of the Chemical Engineering department collected a memento.

Mr. V Srinivasan then took over with his lecture on 'Indian Space Program and the Role of Chemical Engineers in Solid Rocket Stage Development.' After sharing his knowledge via the lecture, Mr. V Srinivasan took some time to answer queries from the audience. Dr. Arunagiri delivered the vote of thanks.

## NITT holds special screening of PM Modi's Pareeksha pe Charcha' 22:



**01-04-2022 | Friday**

On the event of Prime Minister Narendra Modi's Pareeksha pe Charcha' 22 where the Prime Minister interacts with the young exam warriors from across the nation to counsel their fears, anxieties and questions, NIT Tiruchirappalli organized a special live screening for its students as well to watch the Prime Minister's interaction with students.

As the students of NIT Tiruchirappalli will also be facing their examinations sooner, they were encouraged to tune in to the program in which the Prime Minister delivered advice that will be of use to the students of the institution.

Honourable PM Modi spoke about handling the pressures of exams. He spoke about how to handle social media distractions, using online facilities to the students advantage. He spoke about how families should encourage their children, not put the weight of their expectations on the students. He spoke about how women have been advancing in every field and how the general perspective of people is changing towards educated people.



# NIT Conclave

The 10th edition of the NIT Conclave, titled ConclaveX, was hosted by NIT Tiruchirappalli on the Metaverse platform from 4-6th March. With the combined efforts of the Technical Council and Gmetri, the event had a total of 15,000 viewers and a combined time spent of about 200 hours on the platform.

Various competitive events had over 1000 participants who competed to reach the top of the leaderboard among all NITs, guest lectures by eminent speakers, and workshops in various domains were conducted, where over 4800 students were upskilled.

The Event Winners are as follows

VC Panic: Onkar - NIT Surathkal, Harshith - NIT AP, Ahan - NIT Delhi. Guessing Game Harshith - NIT AP.

Pitch Perfect: Electric Eggs - NID, BDACC - NIT Warangal, Bain Surgery - NIT Trichy.

Debate Competition: Justus Panicker - NIT Trichy, Meera George - NIT Trichy, Anjali Sreekumar - NIT Trichy, Merin John - NIT Trichy.

Gnarly Scout: Anila V.S - NIT Trichy, Abhirami C.V - NIT Puducherry, Narayanan Namboodiri - NIT Trichy.

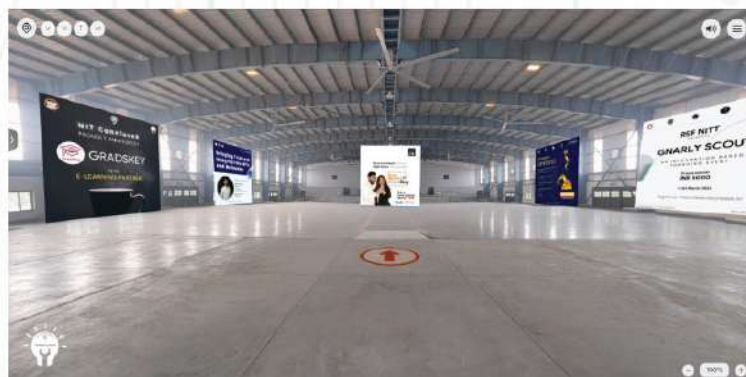
Code Character: Siddharth Bhatt - NIT Mizoram, Raghav Mukati - NIT Warangal, Avinash Balaji - NIT Trichy.

AlgoCup: Hustlersolo, Bug\_kahan\_hai, sendNukes - NIT Trichy.

Designathon (UI Design): Amit Kumar/Arpit Katiyar, Audithya Varshini/Priyanshu Asthana - NIT Trichy, Mohit Kumar - NIT Delhi.

Designathon (Design to Code): Karthik Sundar/Sneha/Yuvaraja/Anand/Ankit - NIT Trichy, Sriram S/Roshan B/Subramaniyam G/Varun A/Sailesh S - NIT Trichy, H Kailash/Indresh P/Madhavan B/Muhesh K - NIT Trichy.

Startup Shipwreck: Team Leo - NIT Rourkela, Team Rohith - NIT Trichy, Vaishnavi - NIT Trichy



## The Workshops conducted

1. Introduction to Web3, by Covalent
2. Genesis'22, by RMI
3. Investment Analysis, by ProfNITT
4. Economy and Financial Markets post 2020, by ProfNITT

## Guest Lectures

1. Soft Skills Enhancement, by Dr. Vinod Balakrishnan
2. Manufacturing Aspects of Gas Turbine for Military Application, by A. Manjunath
3. Research scope in Laser-based processing, by Dr. Duraiselvam. M
4. Student Entrepreneurship Session, by Mehul Nath Jindal
5. Bringing Trust and Integrity into NFTs, by Vijay Pravin Maharajan
6. Startups and Entrepreneurship Session, by Prasanna Sankar
7. Metal Additive Manufacturing, by Kameshwaran Swamination



# Prabandhan 2022

Prabandhan is the annual business conclave of the Department of Management Studies, NIT Tiruchirappalli. It is an intellectually stirring series of guest lectures that aims at bridging the gap between industry and academia. Guest lecturers from various domains share their experiences and insights in their respective fields, thus preparing students for the corporate journey.

The theme for Prabandhan 2022 was Connect Collaborate Create. The two-day conclave was conducted on April 23rd and 24th, 2022 (Saturday & Sunday). Owing to the prevailing pandemic conditions, the conclave was conducted virtually.

Day 1 saw several esteemed guests giving lectures on a wide range of topics. Mr. Sandeep Chatterjee, Director of Deloitte India gave a guest lecture on the topic "Supply Chain 4.0". This was followed by Mr. Gaurav Sangtani, Founder and President of Jigyasa Foundation who gave his guest lecture on "Building a resilient career".



Department of Management Studies  
National Institute of Technology, Tiruchirappalli

**PRABANDHAN'22**  
A General Management Conclave  
INAUGURAL CEREMONY

  
**DR. G. AGNILA**  
Director, NIT Tiruchirappalli

  
**SHRI. SANDEEP CHATTERJEE**  
Director, Deloitte India

**23 APRIL 2022**  
09:15 AM | MS Teams

Naveenkrishnan K.  
Thulasi P.T.  
Student Co-ordinators

Dr. Manju Mahipalan  
Faculty Co-ordinator

Dr. G. Muruganantham  
Head of the Department,  
Management Studies

Mr. Kannan Natarajan, Assistant Vice President of Intellect Design Arena Ltd discussed the topic "BFSI sector overview and way forward", and he was followed by Mr. Gautam Sadana, Head-Finance of Dineout.co.in on the topic of "Business Finance Partnership- a roadmap to success" with which Day 1 came to a close.

Day 2 was set off with a guest lecture on "Artificial Intelligence in people management" given by Mr. Arun Thuyamani, Director- HR Transformations of APAC-Sodexo. This was succeeded by Mr. Apurba Sen, Founder Partner- Httpool on the topic "Programmatic, not Problematic- Digital advertising when done right". After this, Priyadarshi Dutta, the Senior Vice President and Head of Credit Card Risk at RBL Bank, Gurugram delivered a lecture on the "Application of Data Analytics in the credit card industry".

Towards the afternoon, Shanmuga Babu R, Unit Delivery Head and Principal Consultant, TCS Chennai discussed the topic of "Digital disruption in the retail IT industry", with which the event ended.



## March'22 - April'22 R&C:

- 1) Dr. K. Baskar, Professor, Department of Civil Engineering received a total of Rs. 2,02,000 for his consultancy works for various establishments.
- 2) Dr. K. Muthukumaran, Professor, Department of Civil Engineering received Rs. 10,66,400 charges towards his consultancy projects in the months of March and April.
- 3) Dr. V. Sunitha, Asst. Professor, Department of Civil Engineering received a total of Rs. 12,86,600 as charges towards her consultancy services for various projects.
- 4) Dr. M. Premalatha, Professor., Department of Energy & Environment received Rs. 28,900 towards her consultancy services for various projects.
- 5) Dr. Jeevan Joseph, Asst. Professor, Department of Civil Engineering received Rs. 4,60,720 as charges for his consultancy works for various establishments.
- 6) Dr. N. Sivashanmugam, Asso. Prof./Dept. of Mech. received Rs. 10,620 from The Registrar, SASTRA University, Thanjavur for his consultancy works.
- 7) Dr. Senthil Kumar, Asst. Professor, Dept. of Civil Engineering Rs.2,06,500 as charges for various consultancy works.
- 8) Dr. S.P. Kumaresh Babu, Professor, MME Dept. received Rs. 2,25,000 as charges from Titan Company Ltd., Chennai for his consultancy works.
- 9) DR. N. Ramesh Babu, Prof MME Dept. received Rs. 5,664 as testing charges from Super Auto Forge Pvt. Ltd, Kolapakkam, Chennai.
- 10) Dr. M. Baskar, Prof. Dept. of ECE received Rs. 1,180 from Regent Defence & Engg. Systems Ltd, Tiruchirappalli for his consultancy works.
- 11) Dr. S.Raman Sankaranarayanan, Professor, Department of MME received Rs. 24,000 towards consultancy charges from Office of the Commissioner of CGST and Central Excise, Salem
- 12) Dr. Deendayal Rathod, Assistant Professor, Department of Civil Engineering received Rs. 23,600 as Consultancy charges from the Sriguru Educational Trust, Sriguru Institute of Technology Campus, Salem.

## Projects:

1. Dr. Kunwar Singh, Assistant Professor - Department of CSE has been granted funds to the tune of Rs. 2297614 for the works Research and development of secure and privacy preserving blockchain based smart contract and its application under the agency of SERB for a period of 36 months.
2. Dr. Jyothi Sahu, Assistant Professor - Department of Chemical Engineering has been granted Rs. 20,000 for the project Analysis of salt hydrates for thermal energy storage under the agency of IICE for a period of 12 months.
3. DR. Matheswaran, Associate Professor - Department of Chemical Engineering has been granted Rs. 20,000 for the projects under the agency of IICE.
4. Dr.K.M.Meera Sheriffa Begum, Professor - Department of Chemical Engineering has been granted funds to the tune of Rs. 20,000 for the project Microwave Catalytic Pyrolysis of E.waste using bimetal doped char for fuel Production under the agency of IICE for a period of 12 months.



5. Dr.R.Periyasamy, Assistant Professor - Department of ICE has been granted funds to the tune of Rs. 2003320 for the project Development of novel sensing device for evaluating sensory impairment on diabetic foot to detect ulcer risk areas at early stage under the agency of DST-SEED for a period of 36 months.
6. DR.O.Darshana, Assistant Professor - Department of Civil Engineering has been granted Rs. 862500 for the works Niche and strength in technological and scientific research areas with medium and long term goals (csir) with nodal institute under the agency of CSIR for a period of 12 months.
7. Dr. Saravankumar Elangovan, Ramanujan Fellow, Department of Chemistry has been granted funds to the tune of Rs. 11900000 for the Ramanujan Fellowship under the agency of SERB for a period of 5 years.
8. PI -Dr.Gopu.G, TARE Fellow - Department of Instrumentation and Control Engineering under Mentor Dr.N.Sivakumaran has been granted funds to the tune of Rs. 1005000 for the works of SERB-TARE under the agency of SERB for a period of 36 months.
9. Dr.V.SUNITHA, associate Professor - Department of Civil Engineering has been granted Rs. 2550000 for the works Performance evaluation of cement concrete pavements in rural roads under the agency of NRDA for a period of 12 months.
10. Dr.Nagarajan, Asst Professor - Department of Metallurgical and Materials Engineering has been granted funds Rs. 8435000 for the works Realisation of A1 Alloy AA2219/AA2014 integrally stiffened cylindrical structure through flow forming under the agency of ISRO-RESPOND for a period of 24 months.
11. Dr .Ganesh chandra Nandi, Assistant Professor - Department of Chemistry has been granted funds to the tune of Rs. 2716000 for the works of "Synthesis of less-explored" organosillanes and their further application toward the synthetic and pharamacetical chemistry under the agency of CSIR for a period of 36 Months.

## Students

### **NITTFEST' 22 kicks off at NIT Tiruchirappalli**

**01-04-2022 | Friday**

NITTFEST'22, the annual inter-departmental cultural fest of NIT Tiruchirappalli was held offline over a span of three days, from the 1st to 3rd of April. The main event was preceded by a flagship pre-fest event, the New Year Fiesta with firework shows and a performance by the Dance Troupe of NIT Trichy. NITTFEST'22 saw a wide range of events, ranging from cultural events to literature events, both online and offline. The Inauguration was held on the 1st of April, with Chief Guest Ms. Aathmi-ka honoring the event with her presence. This year, NITTFEST welcomed several eminent personalities, including Mr. Kishen Das, Tamil actor and social media personality who delivered the first guest lecture, and Nirmal Pillai and Abhishek Kumar hosting a stand up comedy event. The event also saw digital content creators, Peppa Foodies and Idris explorers who shot the fest.



The valediction ceremony felicitated the cupbearer, the Electronics and Communication Department and the runner ups. The event was wrapped up with a pro show by Motta Maadi Music.



## Pragyan' 22 begins at NITT



### 17-03-2022 | Thursday | Barn Hall - Admin Block

Pragyan'22, the annual techno-managerial fest of NIT Tiruchirappalli was held this year in a hybrid format over a span of three days, from the 17th to the 19th of March. Pragyan this year focussed on the theme “Nexus”, and was conducted through the “Metaverse” to bridge the gap between offline and online events, standing true to its tagline of “Let’s Celebrate Technology” by integrating technology into comprehensive progress of society.

Pragyan'22, held its Inauguration on the 17th of March. It was graced by Chief Guest Dr. Mini Shaji Thomas, former Director of NIT Tiruchirappalli.

The Director, Dr. G. Aghila gave the presidential address, highlighting Pragyan's ISO certification for sustainable event management, and reminding the students of the role engineers play in solving modern problems. During the Guest Address, Dr. Mini Shaji Thomas discussed NEP and how Pragyan has embodied its principles. She also appreciated Mehul Jindal and Eeshan Sharma, final years of NIT Trichy who founded BharatX. The dignitaries were honoured with mementoes from the Pragyan team.

### *A sneak peek during ConclaveX*

ConclaveX, a pan-NIT event where students come together to discuss and share ideas, was conducted by NIT Tiruchirappalli from the 4th to the 6th of March. ConclaveX saw the engagement of over ten thousand participants from over 30 different NITs across 7 different countries who spent a week-long period competing for the winning title. The Metaverse was also visited by over 1000 registrants during the three days Pragyan took place.

### *Events and Workshops*

Pragyan'22 held 23 events spread across eight clusters - Capture the Flag, Concrete, Manigma, Attack on Robots, Pandora's Box, Family Feud, and How Stuff Works, among many others, with a prize money of 4,75,000 rupees.

Pragyan's guest lecture series saw several eminent personalities such as Dr. Thalappil Pradeep, Professor of Chemistry at IIT Madras, Dr. Mark Sundahl, an expert of the space and universe, and Dr. Ramgopal Rao, Director of IIT Delhi. These lectures ran on an expanse of topics ranging from Clean Water Development, Space Laws, Internal Medicine, Electron Devices, and several more. Pragyan also saw an extensive array of workshops on topics such as IoT, NLP and Chip Design.

### *Debates, Standpoints and CrossFire*

Facilitating constructive discussions and innovative thinking, Pragyan'22 had an elite discussion panel consisting of reputed speakers such as Mr. Jason Rodrigues, NIT Trichy alumnus, Mr. Abhay Joshi, partner at Economics Law Practice, Mr. Kanishk Gaur, a renowned Digital Technology Expert, Mr. Sathvik Vishwanath, founder and CEO of Unocoin.com, Mr. Udit Misra, a writer and associate editor at the Indian Express and Mr. Varun Sethi, a technical lawyer, with the topic of discussion being the future of cryptocurrencies and NFT in India.

### *Social Responsibility*

The Social Responsibility body of Pragyan brought about initiatives such as GyaanE, Canvas for Change, webinars on Organ Donation and UFOs to educate the masses and spread awareness. These included basic knowledge of STEM fields for government school children, Human Books, and opportunities to celebrate diversity.



Pragyan is also about fun and games!

Pragyan's flagship gaming cluster, "Gamescape" witnessed over 800 participants who took place in activities such as Laser Tag, VR and Racing. Pragyan also saw a combination of entertainment and technology through Infotainment shows such as Light Painting and Fire Show, which were hosted by the Ukrainian artist Kupava, Laser Show and a standup comedy show by Indian comedian Nishant Suri.

The Pragyan Blog, Sangam, Ingenium and other outreach events

The Pragyan Content Team published a newsletter, as well as several articles on the Pragyan blog, both prior and during the event. Sangam, in association with SCIEnt, held the 'Hardware Hackathon, tasking teams with innovations in the fields of Energy, Healthcare, Agriculture and Defence technology. Partnering with 180DC, Sangam also conducted a business-centered case study competition. Pragyan also held outreach events involving webinars, events and comics pre-fest, such as the webinar on organ donation with Ms. Sunayana Singh, CEO of Organ India.

## SportsFete' 22

### 22-03-2022 | Tuesday

The National Institute of Technology, Tiruchirappalli commenced its interdepartmental sports fest, SportsFete'22 in association with RECAL and sponsored by CakeBee, Glucovita Bolts, Bisleri and Poorvika, with a marathon on the 22nd of March. SportsFete has over 15 sporting categories, and welcomes participants from the 14 departments.

Director G. Aghila and Deans Dr. N. Kumaresan, Dr. J. Jerald, as well as the RECAL President, Mr. Mahalingam and alumnus V. Ramasubramanian presided over the marathon. The Men's marathon circuit consisted of 3 laps around the campus, adding up to 10 kms and the Women's circuit consisted of 2 laps, adding up to 6 kms, with regular supply of water and glucose supplements throughout the course, and security vehicles keeping the trail clear.



The Marathon witnessed 1557 participants hitting the trail, of which 1241 were boys and 316 were girls.

### II) SportsFete'22 concludes:

#### 30-03-2022 | Wednesday

The annual, inter departmental sports fest of National Institute of Technology, Tiruchirappalli, SportsFete wrapped up on the 30th of March with the Valediction Ceremony.

The ceremony was presided over by Director Dr. G. Aghila, Dean of Students Welfare Dr. N. Kumaresan, Registrar Arivazhagan and the SportsFete' 22 Chairman Moneesh. The SAS Officer of NITT, Solomon Raja initiated the event with his welcome address, followed by an energetic display of athleticism in the form of the 100 m dash race.

The Dean of Students Welfare and the Director addressed the students in which they appreciated the students for participation, organization and execution of the SportsFete' 22 this year, especially in its offline form. This was followed by the address by the Chief Guest, Mr. Sujit Kumar IPS, speaking on the importance of athletic attitude. He proceeded to award the winners of respective events on stage.





## Moments' 22

8-04-2022 | Friday | Department of Civil Engineering

The Civil Engineering Association of NIT Tiruchirappalli hosted the inauguration of its 31st edition of Moments, the annual technical symposium of the department, held from the 8th to the 10th of April. This year, the brand-new edition of Moments is all set to delve into the technological advancements of civil engineering with a plethora of events and with the Theme "Aedificium". The inauguration was graced by the presence of Dr. M. Shanmugam, who has a long history with NITT, where he worked as the Head of the Department from 1987 to 1992.

The inauguration was followed by an educative guest lecture by Dr. Radha Krishna G Pillai, Civil Engineering professor from IIT Madras. The symposium involves paper presentations, quizzes and in-situ challenges.

The first keynote address was given by Dr. G. Radhakrishna Pillai of IIT, Madras, and addresses from the HOD of Civil Engineering, Dr. G. Swaminathan, Dr. S. Moses Santhakumar and Dr. Jeevan Joseph were also given.



## Prodigy' 22



07-04-2022 - 09-04-2022 | Thursday | Department of Production Engineering

Prodigy, the annual symposium of the Production Department, is the flagship event of the Production Engineering Association (PEA) of NIT Trichy and was

held from the 7th to 9th April, receiving over 750 enthusiastic participants and several eminent academicians. The 3-day technical extravaganza commenced with the Inauguration of the Production Engineering Association (PEA) and Prodigy' 22 on the 7th of April. The event was presided over by Dr. G. Subbaiyan, Dean of Institutional Development and Alumni Relations, with Mr. S. Gowrishankar, General Manager at BHEL, Trichy as Chief Guest, and Dr. C Sathiya Narayanan, Head of the Production Department as the Guest of Honour.

Prodigy' 22 manifested shedload educational workshops, guest lectures from distinguished personalities in tech, panel discussions with industry experts, and mind-boggling quizzes. This edition of Prodigy also saw several workshops such as the "Case Studies on 3D Printing" workshop in collaboration with NexGen 3D printers and the "Intro to 3D Printing" workshop by the NITT Siemens Lab.

Prodigy'22 culminated with the valediction ceremony on the 9th of April, in the presence of Dr. C Sathiya Narayanan, the Head of the Department of Production Engineering and Dr. Satheeshkumar V, the Faculty Advisor for the PEA 2022.

## Horizon' 22



HORIZON - 22



The event was inaugurated by Dr. Amitava Patra, Director, Institute of Nano Science and Technology, Mohali, and the event was graced by the presence of Dr. N. Kumaresan, Dean SW, NITT. Prof. Patra delivered his inaugural lecture on "Challenges and Opportunities of Nanomaterials for Potential Applications".

Dr. Manoj B. Gawande (Associate Professor, ICT, Mumbai) on "Single Atom Materials - Synthesis and Catalytic Applications" and Dr. Chiranjib Majumder (Senior Scientist, BARC, Mumbai) delivered speech on "Understanding Atomic and Electronic Structures of Clusters and Nanomaterials". Eight events, was conducted and cash prizes worth Rs. 15,000/- were given to the winners.

The event was concluded with a Vote of Thanks by Dr. S. Velmathi (HOD, Department of Chemistry) and Dr. Sunandan Sarkar (Faculty Advisor).

24-25-03-2022 | Dept of Chemistry

Horizon'22 was conducted by the Department of Chemistry, NIT, Trichy from 24th March 2022 to 25th March 2022 on the topic "Nano"structures - Immense Applications.

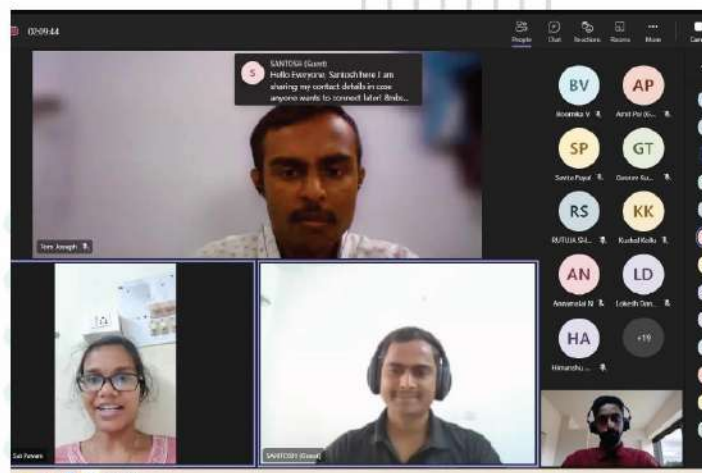


## International Society of Automation: Electronic Product Development and Manufacturing

24-04-2022 | Sunday | Dept of Instrumentation Control and Engineering

The Student Section of the International Society of Automation, NIT Trichy organized a session with Mr. Santosh Verma, Founder & CEO at IoTronix on 24th April 2022 in the Offline Mode through MSTeams. The event was handled by Mr. Santosh who enlightened the students on the different entrepreneurial paths that needed to be taken while venturing into a startup.

The Product development cycle and manufacturing comes with challenges of their own and needs to be addressed as per requirement. This was clearly explained and discussed through means of case study.

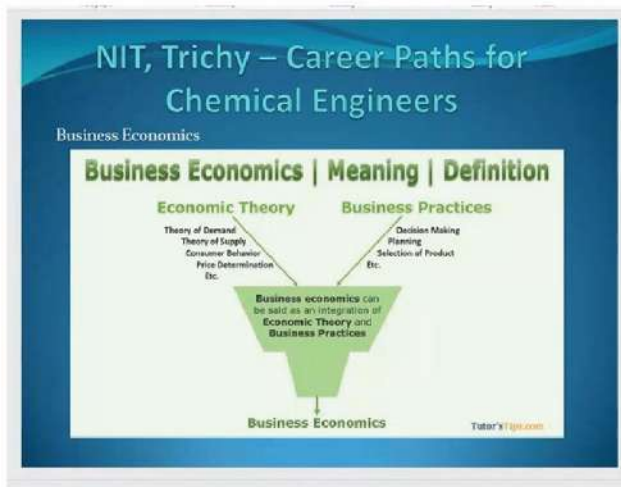


## Indian Institute of Chemical Engineers (IICChE): Career Pathways for Chemical Engineers

15-03-2022 | Tuesday | Dept of Chemical Engineering

The Indian Institute of Chemical Engineers (IICChE) NIT Trichy Student Chapter held a two-part event as part of the online Guest Lecture Series celebrating the Platinum Jubilee Year on 14th and 15th March, 2022. The session featured a guest lecture by Mr Ravi Sankaran, Lead Process Engineer - Energy Solutions at Fluor Australia.

The talk was based on the topic "Career Pathways for Chemical Engineers" and gave an insight into the plethora of options and opportunities that students can pursue in their careers after chemical engineering. Students and faculty from the Chemical Engineering Department took part in the guest lecture and interactive session. This event marked the second talk in the Guest Lecture Series, and the Student Chapter looks forward to many more such informative sessions.



Students

## Open House' 22 - Scient



30/04/2022 | Saturday

The Student Centre for Innovation in Engineering and Technology organized the Open House' 22 at the Scient Lab on 30th April 2022.

The Open House' 22 is an open exhibition event, sponsored by alumni for students to present their prototypes of their aspirational scientific projects, developed solely by them inside the campus.

Students of various departments came together for their aspirational projects, devoting months into their ideas priorly, to the event. Projects and their prototypes of all sizes from a hand worn sign to speech translator to a dune buggy were presented at the event on Saturday.

A delegate of faculties and alumni as judges evaluated the prototypes of the students present there based on five primary factors: novelty, problems addressing, utility, feasibility and functionality with presentation and demonstration carrying extra consideration while judging.

The occasion witnessed an overwhelming number of footfalls of students, staff and others on the weekend.



## Scient Annual Meet' 22



Mr. Ananthkrishnan, alumni - batch of 1993, founder and supporter of Scient, addressed the gathering after the Faculty Advisor had spoken. A brief report of the activities of the Scient was presented by Mr. Vishwa Bhadrath Subramaniam. The student head presented a detailed report on what was accomplished in the previous academic year and what the future activities of Scient will be in the upcoming academic year, covering topics ranging from the club's campus presence to its virtual presence.

### 30-04-2022 | Saturday | EEE Auditorium

The Student Center for Innovation in Science and Technology of NIT Tiruchirappalli hosted its annual meeting on April 30th, Saturday at 5:00 p.m.

Student Head, Mr. Vishwa Subramaniam Bharathan, gave a welcome speech to the members and students at the event. Prof. Bhakthavatsalam, Faculty Advisor of Scient and Professor of Energy and Environment department in his address, briefed about the inception of Scient, fondly denoting it as the pet project of the REC/NITT alumnus. According to the faculty advisor, Scient is a program in which students will "enter with an idea and leave with a prototype".

As part of the annual meeting, we also had the opportunity to share the winners of the Open House Event 22 that was held in the morning.

Mr. Sreecharan from the department of Electronics and Communications Engineering is the new Student Head for Scient. He took his oath and spoke to the gathering assuring to fulfill his duties by supporting student innovation. The occasion was concluded by a Vote of Thanks by the Student Head thanking the alumnus, faculties and the students for their continued support.

## Technical Council Activities March-April:

### Digitization:

The Technical Council created the NITT Wiki, an open for all resource aggregation wiki for all student-related information. To streamline communication and update students on notices and deadlines, the Lynx app, ideated in 2014, was finally launched by Spider R&D Club with students and student bodies onboarding. The centralised student portal, Dashboard.nitt.edu, was launched by Delta Force to provide an all in one access spot for all student-related portals. The inventory management system, iNITT, is being beta tested by Spider R&D Club, to help keep track of purchased and shared inventory items. The Hostel ID generator was created by the Technical Council to help with automating the creation of thousands of digital ID cards, which can later be printed as per request. All clubs of NIT-T have been provided with independent websites to feature their projects/initiatives to a large digital audience. The scholarship portal, by the Delta Force club, was expanded for all RECAL and institutional scholarships, with more than 1000+ applicants. The Alumni Portal in association with Vaave was established and students were onboarded to allow for greater reach and communication amongst alumni of REC and NIT-T. For easy approvals of Bills for expenditure and reimbursements, Delta developed the bills portal.

### Open Source Development:

To promote the Open Source culture in NITT and compete with the top GSoC contributors like NITK, the Technical Council started the TecOS, an open community. Two "How to begin with" sessions were made to help students interact and understand how to start with their open-source contributions. Git Cheatsheets were shared to help with quick references for contributors. GSoC mentors were onboarded from across India to help students to work on project proposals and contributions.



## Exploring Technology:

The Technical Council utilised the benefits of Augmented Reality by creating AR Instagram Filters of the campus for people to visit or revisit and cherish. For the NIT Conclave and Pragyan, the Technical Council explored the realms of the Metaverse and were the first to do it in India, to have an experience for those wanting to explore NIT-T in these Covid times. More than 10,000 people tuned in to enjoy the games, sessions and many more experiences.

## Events:

NIT ConclaveX - The 10th edition of the inter NIT conclave was conducted successfully with more than 12 competitive events conducted in collaboration with the clubs & communities, namely Spider, Ecell, Winnitt, Graphique, RSFNITT, Delta, 180DC and had a combined participation of 1300+ students and 4 Speaker sessions on Artificial Intelligence, NFTs, Additive manufacturing and Entrepreneurship, 4 Workshops on Web3, Robotics, and Stock Markets and investing, conducted in collab with RMI and Profnitt. Transfinitte'22 - With more than 20 applicants to represent NITT at Smart India Hackathon'22, the intra NITT nomination procedure was conducted to shortlist the top 10 nominated and 5 more waitlisted teams. Human Library (with Pragyan) - A section of 7 different speakers were brought to share their unique life experiences, be it how it is to be born blind or to be a monk. Gamescape (with Pragyan) - VR games, a Car simulator, and PS4s were set up at Orion for students to come to play during the fest. A laser tag arena was set up in association with Pragyan Infotainment for the

## Entrepreneurship Development:

Technical council fostered CEDI relations through the appointment of a dedicated student PoC. . CEDI incubation model publicity was also done to promote more NITTians to utilise the support provided within the campus. The council Provided internship opportunities for NIT-T students at CEDI incubated startups. And ISRO-STIC session was held in EEE auditorium for students interested in Aero Space projects

## Alumni Relations:

Industry Insider sessions, in association with NITTSAC, were held to display what it takes to go from NIT-T to the various industries including IT, Aerospace and so on. Healthathon, an initiative to back NIT-T Med Tech projects by RECAL, was initiated. SCIEnt student survey was conducted to gather information on requirements on hardware needed.

## Research:

Researchology sessions were conducted by the PhD scholars of the campus to guide research interested B.Tech students on how to proceed with their careers. IEEE Student Branch sensitisation sessions were held to onboard UG students to the student team of this chapter.

A total of 10 papers were published and many more are in the process of publishing, all by student club members. All projects presented at Pragyan's Sangam are in the process of being patented.

## Upskilling:

For upskilling of students of NIT-T, 30 days of Cloud, a month-long event on Cloud Computing was conducted by members of Google Developer Student Clubs to help students kickstart their work in Cloud. Code Currents 22, a competitive coding contest was organised in association with EEE-A. Android Study Jams, a month-long Flutter event, was organised by members of Google Developer Student Clubs to help students get started with App development and Flutter. BLOCKCHAIN 101 on Tezos By Mudit Marda was organised by Technical Council's CryptoNITT.



## Cultural Clubs and Activities

NIT Trichy is going strong on the cultural frontier, owing to the vast array of language, arts and other clubs it possesses.

Aayaam, the Hindi club of NIT Trichy displayed efforts throughout the offline semester in conducting events to celebrate diversity, as well as spread the love for the language. Holi this year was celebrated on campus on March 18th, with more than 500 students participating.

The Dean of Student Welfare graced the event, and students were provided with colours, water guns and balloons, as well as refreshments intermittently. Aayaam also organised several events under “Hindi Lits” as part of NITTFEST, both online and offline.

Aayaam has been maintaining its’ annual Hindi magazine, “Pratibimb” which was released on 14th April. The magazine was released with the objective of spreading knowledge and awareness of Hindi, and focused on articles involving sports, women empowerment and campus life. The poetry event, Kavya Sandhya was also organized on 14th April, with attendees from various departments.

Aayaam maintains a YouTube channel as well as an Instagram account with regular posting.



हमारी पत्रिका की प्रतिलिपि निचे दिए गए लिंक पर उपलब्ध है

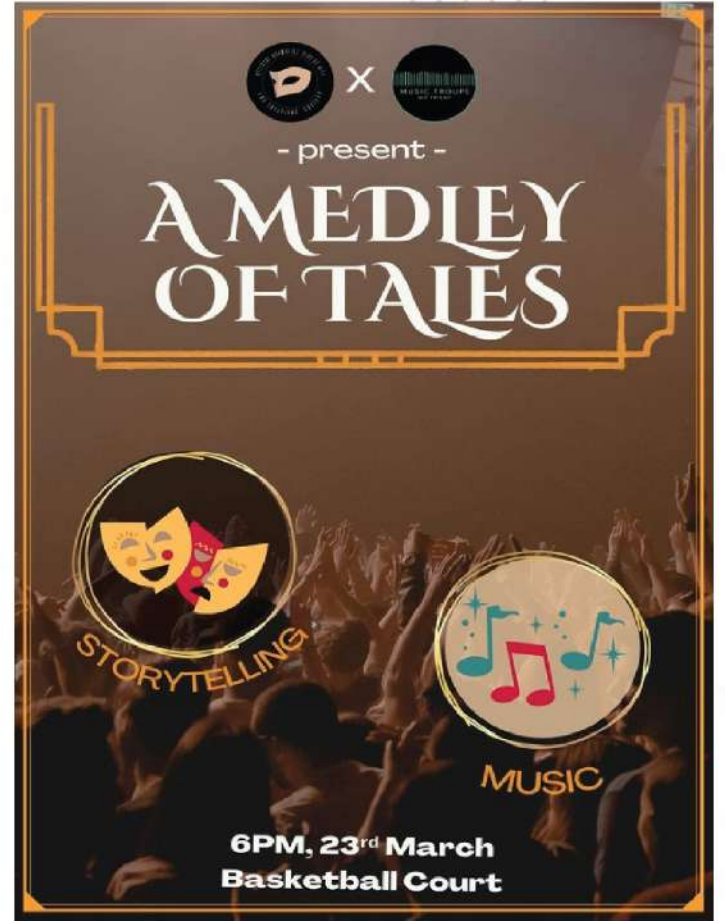
[issuu.com/aayaamhindicell](https://issuu.com/aayaamhindicell)



## Tamil Mandram

Tamil Mandram is the Tamil club of NIT Trichy. This year, they organized seminars, interviews and events for the purpose of spreading the language. In association with DCKAP, an online seminar “Porutpaal” was organized aiming at discussing the economic scope and opportunities available in Tamil-associated domains. On the occasion of International Women’s day, they also interviewed Mrs. Padmini Janaki, the CEO of Mind and Mom. Tamil Mandram also played a role in NITTFEST, having conducted 8 events as part of their cluster.

Tamil Mandram have also been regularly involved in translations, for both the PR and Media Cell team as well as Pragyan teams.



## Music Troupe

The Music Troupe is the music club of NIT Trichy. During the offline semester, they have been involved in several events. A medley of Indian film songs was performed by the troupe during NITTFEST, and they held an offline event called the “Medley of Tales” in collaboration with the Thespians’ Society, the Dramatics Club of NIT Trichy. Apart from these, the Music Troupe actively update their instagram page with covers and tunes.



## RECAL Scholarships 2021 Press Report:



### 22-3-2022 | Tuesday | EEE Auditorium

As a part of the consistent efforts to support the National Institute of Technology, Tiruchirappalli and its students, RECAL - the alumni association of the institution - came forward to award scholarships.

RECAL awarded scholarships worth 19 lakhs approximately. The RECAL Association aims to provide more scholarships to students in need, at least 200 scholarships in the coming years.





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