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COMMUNITY

the official newsletter of nit tiruchirappalli

DIRECTOR'S MESSAGE

Greetings!

I am delighted to share with you the news of our institute's progress for the past two months. NIT Tiruchirappalli welcomed 2023 on a promising note, with the inauguration of LOGOS, the new Lecture Hall Complex (II Floor). On this occasion, we were graced by the presence of Shri Dharmendra Pradhan, the Hon'ble Minister for Education, Skill Development and Entrepreneurship, Government of India, who also performed the Bhoomi Puja for the Annexe Buildings to the Departments of Production Engineering, Mechanical Engineering and Metallurgical & Materials Engineering. Equipped with state-of-the-art facilities, the new Lecture Hall Complex will provide our students with a modern and comfortable learning environment and will play a crucial role in enhancing our academic programmes.

Furthermore, NIT Tiruchirappalli hosted the First International Conference on Intelligent Solutions for Emergency Response and Disaster Management in collaboration with the Centre for Development of Advanced Computing (C-DAC). In addition to this, I am pleased to share that the Centre of Excellence in Emergency Response Support System (CoEERSS), which aims to offer advanced training and research opportunities in the field of emergency response and disaster management, is now operational.



We celebrated the 74th Republic Day with great fervour. The celebrations offered an opportunity to remind ourselves of the importance of upholding our constitutional values for the betterment of our nation. In fulfilling our shared goals, we are contributing towards building a brighter future for our country and its citizens. This serves as an occasion to note that NIT Tiruchirappalli is entering into its Diamond Jubilee year. This is the best time to take stock of our achievements and define our future goals and milestones.

We also organized several workshops and symposia in the last couple of months, including the workshop on Advanced Material Characterization (in association with NIT Warangal), the NRDC-sponsored workshop on Intellectual Property Rights, Technology Transfer & Entrepreneurship (hosted by the Centre of Excellence in Artificial Intelligence), the Faculty Development Programme on Data Analytics and Simulation for Healthcare Supply Chain Management (hosted by the Production Engineering department under the aegis of ATAL Academy), 'Currents 2023,' the annual technical symposium of the Department of Electrical and Electronics Engineering, to list a few. These fora provided the broader academic community with valuable opportunities to learn from industry leaders and experts. I would like to congratulate the different departments and centres for successfully organizing these events and others, thus providing opportunities for our students and the broader academic community to share their ideas and expertise in their respective fields.

I present to you the current issue of the newsletter covering institute activities for the months of January and February 2023. I look forward to all the accomplishments that our institute will achieve in the coming months and wish everyone a fruitful academic year ahead.

DR.G.AGHILA, DIRECTOR NITT

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PR&M TEAM Overall coordinator: Dr. V. Vinod Balakrishnan (Prof./HSS)

PRINT MEDIA

Dr. N. Sivakumar (Prof./ICE)
Dr. V. Sateeshkumar (Asst.Prof./Prod.)
Dr. P. A. Karthick (Asst.Prof./ICE)

CONTENT CREATION & MEDIA MONITOR

Dr. V. Sathyaraj (Prof./HSS)
Dr. Nisha. V (Asst.Prof./HSS.)
Dr. Venkata Suryanarayana Mummidi (Asst.Prof./Phy)
Dr. Jyoti Sahu (Asst.Prof./Chem.Eng)
Dr. Padmaja. M (Asst.Prof./HSS)

SOCIAL MEDIA

Dr. M. Brindha (Asso.Prof./CSE)
Dr. Janarthanan B (Asst.Prof./DoMS.)
Dr. Saikrishna.Mothku (Asst.Prof./CSE)
K. Bhagyasri (Asst.Prof./Arch.)
Dr. Anu Kuriakose (Asst.Prof./HSS)
Dr. C. Oswald (Asst.Prof/CSE)

WEBSITE

Dr. P.Sridevi (Asso.Prof./DoMS)
Dr. Chandramani Chaudhary (Asst.Prof./CSE)
Dr. Malolan Sundararaman (Asst.Prof./DoMS)
Dr. Ghanshyam S. Bopche (Asst.Prof./CA)
Dr. Usha Kiruthika S (Asst.Prof./CSE)

INAUGURATION OF LOGOS (II FLOOR) AND BHOOMI PUJA FOR THE ANNEXE BUILDINGS

Shri Dharmendra Pradhan, Hon'ble Minister for Education, Skill Development and Entrepreneurship, Government of India, inaugurated the new Lecture Hall Complex (II Floor), LOGOS, of National Institute of Technology Tiruchirappalli on 22nd January 2023. He also performed the Bhoomi Puja for the Annexe Buildings to the Departments of Production, Mechanical, Metallurgical & Materials Engineering on this occasion. Shri Bhaskar Bhat, Chairman, Board of Governors, NIT Tiruchirappalli, presided over the function in the presence of Dr. C. Aghila, Director, NIT Tiruchirappalli. The vertical expansion of the Lecture Hall Complex cost Rs. 14 crore and the cost of construction of the annexe buildings is estimated at Rs. 68 crore.

In his address to the Institute fraternity, the Hon'ble Minister highlighted NIT Tiruchirappalli's myriad achievements and its dedication towards fully realizing the spirit of the New Education Policy. He also expressed his appreciation for the degree of social responsibility demonstrated in the activities of the Institute. He especially commended IGNITTE, the teaching club of NIT Tiruchirappalli, for identifying students from underprivileged backgrounds and training them to face the toughest entrance examinations in the country.



The Director, Dr. C. Aghila, also addressed the gathering, emphasizing NIT Tiruchirappalli's focus on the holistic formation of a student's personality as exemplified by the Greek origin on the name of the building: LOGOS. She also announced the Institute's plan to set up a Research Park in its Diamond Jubilee Year, 2024, with the Ministry's continued support. She stressed on the long-term impact of this initiative for the Government's Make-in-India mission. Dr. K Bhaskar, Dean (P&D) proposed vote of thanks.

REPUBLIC DAY

National Institute of Technology (NIT) Tiruchirappalli celebrated India's 74th Republic Day with the national flag hoisting by the Director Dr. C. Aghila. The celebration began with the unfurling of the national flag, followed by a speech from Dr G. Aghila. She emphasized the significance of the day for the nation and the uniqueness of the Constitution, as well as the institute's upcoming Diamond Jubilee celebrations in 2024. The Director also discussed India's role in the G20 countries, highlighting the country's efforts to make the G20 nations more inclusive, ambitious, decisive, and action-oriented. She urged students to improve their skills for success in the digital age and acknowledged the contributions of members of the institute.

After the speech, NCC cadets performed a rifle drill, followed by patriotic songs and cultural performances organized by the Children's club, students and campus community members. The performances enthralled the attendees. The Guard of Honour is led by Mr G. Murugan, Security officer along with Dr. R. Mohan, NCC officer.



INAUGURATION

THE FIRST INTERNATIONAL CONFERENCE ON INTELLIGENT SOLUTIONS FOR EMERGENCY RESPONSE AND DISASTER MANAGEMENT

The First International Conference on Intelligent Solutions for Emergency Response and Disaster Management (ISERDM-2023), jointly organized by the National Institute of Technology, Tiruchirappalli (NIT-T) and Centre for Development of Advanced Computing (C-DAC), a research organization at Thiruvananthapuram under Ministry of Electronics and Information Technology (MeitY) was inaugurated. The conference spread over 3 days (9th-11th Jan. 2023). It was a unique confluence of experts from academia and industry covering diverse fields, from Machine Learning to Geographic Information Systems to advanced scientific computing. The conference is a result of a long-term collaboration between NIT-T and C-DAC.

The Chief Guest for the inaugural session was Dr. V. Thiruppugazh, Chairman, Advisory Committee on Flood Mitigation for Chennai Metro and Former Advisor, National Disaster Management Authority (NDMA), Ministry of Home Affairs. The Guest of Honour was Shri. E. Magesh, Director General, C-DAC. The Special Guests were Shri. Kalai Selvan A., Director, C-DAC, Thiruvananthapuram and Shri. Bala Sriraghavan, CEO, Datanetiix Solutions Inc., USA. The Presidential Address was delivered by Dr. Kumaresan, Dean, Faculty Welfare, NIT-T.

In the Inauguration session, Dr. M. Venkata Kirthiga, Professor, Dept. of EEE, NIT-T delivered the Welcome address. Dr. M. Brindha, Associate Professor, Dept. of CSE, NIT-T briefed the audience about ISERDM-2023 conference. The conference was conceptualised by her and Dr. Janet, Dept. of CA, NIT-T and its successful execution is a result of many years of planning. The 3 days conference included 3 Plenary Talks, 6 Keynote talks, 3 Conference Tutorials, 1 Special lecture and 35 Paper Presentations. These lectures were of diverse themes ranging from Artificial Intelligence, System Resource Management, Monitoring, Emergency Response, Emergency Rescue, Disaster Management, Prediction and Relief. Mementos were presented to the dignitaries, following which the Conference Proceedings were released by the Chief Guest.

Shri. A. Kalai Selvan, Director, C-DAC, Thiruvananthapuram briefed the audience on the evolution of the Emergency Response Support System (ERSS) under the 112 service in India. The ERSS integrates emergency response centers in individual states, under whom the police forces, fire brigade and healthcare professionals are coordinated. The system is supported on three pedestals, namely high end electronic computing hardware, high-speed communication networks and the data that is stored and processed in real-time. He recalled that reliable wide area data networks were essential during the peak of Covid-19 pandemic. For example, an optimal routing of vehicles carrying Oxygen cylinders could serve more hospitals and thus save more lives.

Shri. Bala Sriraghavan, CEO, Datanetiix Solutions Inc, USA described that efficient and reliable computing systems were essential to crunch data fast and deliver quick response during large scale emergency situations such as the pandemic. He described how some of the projects his team has worked on, have helped people in the USA cope up with healthcare emergencies. In connection with the conference, a 28-hour Hackathon was organized by NIT-T and Datanetiix for Undergraduate students. The students worked on software development for interesting problems within the stipulated timeframe. It is hoped that this event will motivate the students to work on technical solutions for grander societal challenges in the future.



The Guest of Honour, Shri. E. Magesh, Director General, C-DAC welcomed the participants for this unique conference. He proudly briefed the audience on how C-DAC has been spearheading a self-reliant high-tech India, by indigenously developing electronic hardware systems for defense and strategic applications, processors and even supercomputers. The problems posed by disasters, right from their modeling such as flood, glacier meltdown to the coordination of efforts from different teams all pose significant computing challenges, which could be solved efficiently by supercomputers. Such a supercomputer, named Paramporul was established at the NIT-T campus by C-DAC last year.

He informed the audience that the 112 Emergency Response Support system is already active in 26 states and union territories. Its implementation in other states will attain completion in the upcoming months. He also talked about the Centre of Excellence in Emergency Response Support System (CoEERSS) that has been established in the campus, through an MoU and joint collaboration between C-DAC and NIT-T. He hoped that the centre would contribute significantly towards the R&D activities required for the next phases of development of the 112 ERSS system.

The Presidential Address was delivered by Dr. N. Kumaresan, Dean, Faculty Welfare, NIT-T. He explained how simple, intuitive solutions are often needed at times of emergency. Through the availability of advanced hardware and software, the emergency response strategy of our country has attained newer significance. Dr. Kumaresan formally started the Hackathon by reading out the problem statements.



The conference was inaugurated by Dr. V. Thiruppugazh and he had delivered the inaugural address on Disaster Management.

Dr. Thiruppugazh opened the talk by saying that any community that loves its children would want to ensure no occurrence of disasters, either natural or man-made. India, as a country is very vulnerable to climate change and extreme weather events. India ranks second in the world in terms of number of people who are vulnerable to climate change. Its landscape is prone to earthquakes, floods and drought. However, he opined that there is a lack of awareness among Indians, about the risks induced by disasters.

Over the past few decades, strategies adopted by the National and State Disaster Management Authorities have resulted in an appreciable decrease in loss of lives. However, the economic losses keep increasing over years, due to reckless planning and development activities, especially in cities. He complained that while efficient regulations are in place to ensure safety in development projects, their implementation needs tremendous improvement.

He recalled the Sendai Framework for building resilience of Nations and Communities to disasters. Accordingly, to manage disaster, a community has to follow four-pronged priorities. First, to understand the risk posed by disaster; Second, to strengthen the disaster risk governance; Third, to invest in disaster risk reduction for resilience, and finally to enhance preparedness for effective response to disasters. This is addressed by the development of advanced systems for building databases and resource inventory, that help in efficient planning and implementation. He encouraged the scientists and engineers present in the conference to focus on risk assessment and reduction by coming up with working solutions that bridge the divide in the society posed by class, caste, race and gender.

He urged that building a resilient nation can only start by building locally strong communities, by focusing on everyday governance. Sustainable resilience to disasters can only happen if development and disaster management go together, like the wheels of a bicycle. Finally, he reminded that all the technical strategies in Disaster Management can only function if there is a Political Will.

INAUGURATION

Dr. C. Sylendra Babu IPS, Director General of Police, Govt of Tamil Nadu, inaugurated the Centre of Excellence in Emergency Response Support System (CoERSS) on 1st Feb 2023 at 11.30 am at the National Institute of Technology Tiruchirappalli. The Guest of honour, Shri. E. Magesh, Director General, Centre for Development of Advanced Computing (C-DAC), presided over the inauguration. CoERSS is the first research centre established jointly by NIT Tiruchirappalli and the Centre for Development of Advanced Computing, Thiruvananthapuram. The inauguration of the centre was coordinated by Dr. N. Sivakumaran, Professor and Head-CoERSS and Shri. Kalai Selvan, Director, C-DAC, Thiruvananthapuram.

Dr. Sivakumaran welcomed the gathering, introducing the CoERSS as a pilot facility jointly established as a research consultancy with C-DAC Thiruvananthapuram, at a cost of Rs. 50 lakh. This venture aims to improve upon existing methods of handling emergency situations in such areas as crime detection and cybersecurity by deploying artificial intelligence, the Internet of Things (IoT), emotion detection and the integration of drones with predictive methods. The Director-in-charge, Dr. Ramakalyan Ayyagari, delivered the presidential address on behalf of Dr. G. Aghila, in which he remarked upon how the CoERSS has been envisioned as a pioneering research facility offering cutting edge solutions to perceived difficulties in identifying and responding to emergency situations. Shri. Kalai Selvan elaborated on some of the ways in which this research facility would enhance the system already in place: for instance, by improving the response time by developing faster communication methods to strengthen the system; by switching over to web and mobile based applications that will leverage the support of PMR (Professional Mobile Radio) services; through the application of machine learning techniques to predict the movement of criminals; and by ensuring the transmission of multimedia data between the police control room, police station, police vehicles and field officers efficiently in a short span of time.

In his address to the gathering, Shri. E. Magesh noted that the CoERSS was the outcome of the efforts undertaken by C-DAC in such areas as flood prediction, forest fire mitigation, genomics, drug discovery and drug repurposing. He assured C-DAC's enthusiastic support to the venture and expressed his hopes for improving upon and further enhancing the existing system through the joint collaboration of the faculty and the researchers of NIT Tiruchirappalli and the C-DAC society, under the guidance of the police department, to make emergency response and disaster management solutions accessible to the general public. Dr. C. Sylendra Babu, the chief guest for the occasion, delivered a rousing address on the importance of science and technology to the common man and spoke about the indispensability of scientific aids in the police investigation. He observed that the continuous improvement of technological aids is a preliminary requirement in the Police Service. He welcomed the establishment of the CoERSS as a laudable initiative to cater to the emergency and security needs of society.

The event concluded with the distribution of prizes to the winners of the Hackathon event organized in January by CoERSS, C-DAC and Datanetix Solutions India.

Dr. Sishaj P. Simon formally closed the inaugural function by proposing a vote of thanks

Hackathon winners Announced:

First Prize: Indresh P, G Subhasree, NIT Tiruchirappalli

Concept: Mathsya

Second Prize: Sridevi P, Prathaban K, Saranathan College of Engineering

Concept: Smart Energy Meter

Third Prize: Abdullah Sheriff, Kandukuri Lohith Sarathi, Shiv Nadar University

Concept: Timetable generator

Special Mentions:

Muhammad Waseem H, Ashvanth, Shiv Nadar University

Concept: Research Digest

Naveen Kumar. S, Arjun. P, Easwari Engineering College

Concept: Gesture Mouse



SOPHISTICATED ANALYTICAL AND TESTING INSTRUMENTS

ONE WEEK WORKSHOP (23 - 27, JANUARY, 2023)



The inaugural function of one week workshop (23 - 27, January, 2023) on "Sophisticated Analytical and Testing Instruments" organized by Dept. of Energy and Environment (DEE) was held in the A-13 hall of our institute. Prof. (Dr.) M. Premalatha and Dr. D. Ruben Sudhakar, Associate Professor and Head, the Department of Energy are the coordinators of this Workshop. Our beloved Director graced the occasion and presided over the inaugural function. Shri. J. Prabu Jayakumar Moses, General Manager/Deputy Director of District Industries Centre, Trichy, Department of Industries and Commerce, inaugurated the workshop as Chief Guest. This one-week workshop titled "Sophisticated Analytical and Testing Instruments" by Department of Energy and Environment of NIT Tiruchirappalli intends to help the participants to understand the principles, instrumentation and various applications of more than ten high end analytical equipment, namely TGA, DSC, TG-IR, Electrochemical workstation, bomb Calorimeter, Moisture analyser, Elemental analyser, FTIR, molecular and biotechnology instruments, Thermal and electrical audit instruments and others. The programme has a good blend of both theory and practical training/hands-on sessions on this equipment to develop the skills of the participants.

The sessions are handled by eminent experts from academia such as IIT Madras, Gandhigram Rural University, Bharathidasan University, NIT Tiruchirappalli and from industries such as Perkin-Elmer, IKA, and BHEL, Trichy. In total, 53 participants, including students, research scholars, academicians, scientists, engineers and industry persons have registered for the workshop from 16 different institutes and organizations across the country.

The Director Dr. G. Aghila, emphasized the the importance of youth development and its role in contributing to the India's G20 presidency, referring to the message given by Minister of Education and Minister of Skill Development and Entrepreneurship, Shri Dharmendra Pradhan during his recent visit. She also insisted that students must use this opportunity to hone their skills on analytical instruments and apply them in their research and development, contributing to the growth of our country. The Chief Guest Shri J Prabu Jayakumar Moses insisted upon Desire, and Dedication in learning new skills. He also briefed on several schemes of government available for boosting start-ups and entrepreneurs and encouraged the participants to effectively use them for their and country's growth.

MILLETS BENEFITS AND DART DEMONSTRATION

INTERNATIONAL YEAR OF MILLETS - 2023

To continue celebrating the international year of millet 2023, the IYoM 2023 committee organized a second invited lecture on Millet's benefits and DART demonstration on 31st January 2023. The event began at 2.30 pm in A13 hall. More than 150 participants were presented including students, scholars, faculty, and non-teaching staff. Coordinated by Dr. V. Shanthi, Associate professor in the Department of Mathematics of NITT, the event started with a prayer song, followed by a presidential address by Dr. Ramkalyan Ayyagiri, the Director i/c of the institute. The guest introduction was given by Dr. I. Jeyaraman, Assistant Professor, Department of Mathematics. The talk on "Benefits of Millets" was delivered by Dr. R. Ramesh Babu, MBBS DA, designated officer, Tamilnadu Food safety and drug administration department Trichy. In his talk, he explained that 7 millet gave remedies to more than 100 diseases like diabetes etc. His official team explained the dart demonstration by showing the adulteration of tea, jaggery, ghee, etc. The session was concluded with a vote of thanks speech by Dr. N. Prakash.



'ADVANCED MATERIAL CHARACTERIZATION'

A SEVEN-DAY WORKSHOP (30/01/2023 TO 05/02/2023) UNDER DST STUTI SCHEME

A seven-day workshop on 'Advanced Material Characterization' was organized at NIT Trichy in association with NIT Warangal under the DST STUTI Scheme during 30th January 2023 - 5th February 2023. This workshop has been aimed at training skilled manpower on high-end equipment procured through different DST grants. This 7-day workshop was designed with integrated theory talks and hands-on sessions. Participants were introduced to diverse set of equipment such as Transmission Electron Microscopy, Vibrating Sample Magnetometer, Gas Chromatography, Mass Spectroscopy, Ion Chromatography, Hyphenated Thermogravimetric-Infrared spectroscopy techniques, High-Resolution Mass Spectroscopy, Laser Flash Apparatus etc. Experts from NIT Trichy, Bharathidasan University, Application Engineers from Original Equipment Manufacturers have been invited to deliver the technical talks and participants spent elaborate time in each equipment with the guidance of research scholars and technical staffs.



The valedictory of the workshop was on 5th February 2023 and the Director, NIT Trichy Prof. G. Aghila felicitated the 'Best Participants' of the workshop. Speaking on the occasion, Director said that there is a strong need to generate manpower with very specific skill sets that has relevance in the employment of youth, nation building etc. and NIT Trichy will be contributing more rigorously in this direction. Director, NIT Trichy also encouraged the participants to approach the faculty of the Institute for accessing the research facility for their work and the Institute is taking initiatives to centralize all the high-end facility through a single window to make the accessibility easier for researchers. Prof. M. Umapathy, Chairperson SIF added that many such training programs will be initiated by SIF, NIT Trichy in the upcoming months. Participants gave their feedback that this workshop was one of its kind and they could learn different techniques and acquire relevant research skills at the end of the 7-day workshop. Prof. V. T. Somasekhar, Dean RC NIT Warangal added that Government of India has invested a lot of money in procuring high-end analytical facility and STUTI program is addressing the gap between the established infrastructure and the research scholars who need these facilities. 'Getting trained is only a beginning and the challenge lies in retaining the knowledge acquired and utilizing these facilities in one's research' said in his concluding remarks. Dr. C. Roobala, on behalf of the organizing team delivered the Vote of Thanks.

ENERGY AND ENVIRONMENT PROJECT EXPO

BY THE DEPARTMENT OF ENERGY AND ENVIRONMENT (DEE)

The Department of Energy and Environment (DEE) had been conducted a "Project Expo" for the course title "ENIR 11 ENERGY AND ENVIRONMENTAL ENGINEERING" as part of academics. The project expo was conducted on 04-feb-2023 at Golden Jubilee Convention Hall. A total of 58 project groups with 450 students had been presented their ideas in the Project Expo. The ideas were represented by the project groups in the form of Prototypes, Posters and Working models. The projects had been evaluated by the review committee. Some of the interesting Prototypes/Projects have been given here i.e.,

- Smart phone air purifier
- Eco friendly on/off streetlamps (for NIT Trichy)
- Trash skimmer
- Cycle management app (for NIT Trichy)
- Tech cloud heat for our homes
- Smart irrigator
- SGCAPS (solar grass cutters and pesticide sprayer)
- Elias (efficient light illumination by ambience sensing)
- Automated irrigation system
- Solar powered electric vehicle



CURRENT TRENDS IN ENERGY STORAGE AND ELECTRIC VEHICLE TECHNOLOGIES

ONE-WEEK WORKSHOP - FEBRUARY 6 - 10, 2023

The Department of Energy and Environment (DEE) hosted the inaugural ceremony for a one-week workshop (February 6 - 10, 2023) on "Current Trends in Energy Storage and Electric Vehicle Technologies". The organizers of this Workshop are Dr. D. V. Siva Krishna Rao K, Assistant professor and Dr. Aditya Kumar, Assistant professor along with the guidance of Dr. M. Premalatha, Professor. Dr. Ruben Sudhakar K, Associate Professor and Head of the Department, Energy and Environment gave a welcome address for the one week event. Our esteemed Director Dr. G. Aghila graced the event and presided over the workshop. The Director underlined the value of societal advancement and its part in helping India to become carbon-neutral in the transportation sector. Additionally, she recommended that the participants should use this opportunity to advance their knowledge on electric vehicles and associated technologies, utilise them in their research and development, and contribute to the development of our nation.



Dr. V. Sankaranarayanan, the Chief Guest, Dean (Research & Consultancy) emphasised the importance of EV and gave a quick overview on many government initiatives available to support startups and business owners, and he urged the participants to use them wisely to advance both their own development and that of the nation, and the keynote speaker Shree. K. Jeykishan Kumar, Engineering Officer, Central Power Research Institute (CPRI), Bengaluru, spoke about Start up opportunities in EV and importance innovations of storage.

The goals of the workshop are to educate participants about the advantages of switching from combustion to electric vehicles, Indian government policies and subsidies, EV electrical and mechanical design, energy storage and usage innovations, converter designing, and solar PV-based energy sources. Eminent academic specialists from organizations including PSGR Krishnammal College, CPRI, BHEL, High Energy Batteries, NIT, Tiruchirappalli and NIT, Warangal handled the sessions.

JUNK SCULPTURE GARDEN

STUDENTS OF DEPARTMENT OF ARCHITECTURE

The first year students of Department of Architecture have created a series of junk sculptures for the garden that is part of the new Miyawaki forest that is coming up near OJAS. The students did this as a part of their academics for the course Basic and Architectural design 1. The sculpture garden was conceptualized and curated by Department of Architecture faculty K. Pudhuma Bharathi and K. Bhagyasri. The inauguration of the sculpture garden was part of the plantation drive that was organised by the horticulture committee along with the Alumni Association, RECAL in March. The students collected waste materials from various parts of the campus. The collection and transportation was coordinated with the Estate maintenance department. Some of the sculptures were assembled at the central workshop with the help of technicians while some were assembled at the site. The theme for the sculptures was about nature and how interventions by mankind has destroyed the environment. Following are the list of sculptures and the material each group used.

- Heron - keyboard keys, metal scrap
- Crocodile - plastic bottles
- Tortoise - wood pieces, water tank
- Snake - paint cans
- Peacock - cds, metal scrap
- Groot - plastic wire, metal can
- Gaia - metal scrap
- Redstag - metal scrap
- Slide - metal sheets, small plastic wastes
- Jellyfish - plastic cans, cycle tyre
- Globe - metal scrap, sheets
- Wave - plastic pipes, bottles, sheets
- Robot - metal scrap, computer parts
- Rocket - plastic waste, computer parts
- Planters - water closets



NRDC SPONSORED FIVE DAYS WORKSHOP - WITH A FOCUS ON ARTIFICIAL INTELLIGENCE & DATA

The Centre of Excellence in Artificial Intelligence, National Institute of Technology Tiruchirappalli organized a Five Days Online Workshop on INTELLECTUAL PROPERTY RIGHTS, TECHNOLOGY TRANSFER & ENTREPRENEURSHIP (with a focus on ARTIFICIAL INTELLIGENCE & DATA SCIENCE) (sponsored by NATIONAL RESEARCH DEVELOPMENT CORPORATION). The event was conducted from 30 January 2023 to 03 February 2023, organized and coordinated by Dr. G. R. Gangadharan, Dr. Rajeswari Sridhar, Dr. M. Sridevi and Dr. P. Sridevi.



The workshop was inaugurated by Prof. V. Sankaranarayanan, Dean (R&C), NIT Tiruchirappalli. During his inaugural address, he presented the importance of IPR and Technology Transfer in AI and Data Science. On discussing about the workshop, Prof. S. Muthukumaran, Chairman, NRDC-IFC addressed the role of National Research Development Corporation (NRDC) in promoting, developing and commercialising the technologies, inventions, and patents emanating from various national R&D institutions and universities.

- The Session 1 of Day 1 was on Artificial Intelligence & IPR by Dr. Lalit Mohan, Infosys, Hyderabad. In the Session 2 of Day 1, Dr. S. Muthukumaran, Professor & HoD, MME, NIT Tiruchirappalli discussed on the Patent Landscape for Start-ups.
- Day 2 consisted of the sessions on Start-up: Technologies, Opportunity, Challenges with a particular focus on AI, Agriculture and Robotics by Mr. R Ambareesh, Antpod Technology, Chennai and Patenting and Technology Aspects by Mr. Muthukumar Ramalingam, DexPatent.
- The forenoon session of Day 3 was by Dr. Shriram Kris Vasudevan, Lead Technical Evangelist, Asia Pacific Japan, Intel, Bangalore on IPR: Better Understanding. The afternoon session of Day 3 was on Marketing Strategies for Entrepreneurs by Dr. Janarthanan Balakrishnan, Assistant professor, NIT, Tiruchirappalli.
- The Session 1 of Day 4 was on Technology Transfer by Mr. Aravindan Srinivasan, Head Asia Pacific – Manufacturing Engineering Supply Chain, Moog Inc., Bangalore. The session 2 of Day 4 was on Entrepreneurship Skill Requirements and Challenges by Dr. N. Manimekalai, Director & Head, Department of Women's Studies, Bharathidasan University, Tiruchirappalli
- The forenoon of Day 5 consisted of a session on AI based Computer Vision & Innovations by Mr. Balaji D Loganathan, Co-Founder of SeeWise, AI, USA. The afternoon of Day 5 consisted of a session on Strategic Leadership by Mr. Rashmi Ranjan Mohapatra, Business Head – CEO, Parry Enterprises of Murugappa Group. Towards the end of the event, a final session was open for Q&A followed by feedback. The workshop concluded with a valedictory function. The participants were provided with E-certificates of participation.

DATA ANALYTICS AND SIMULATION FOR HEALTHCARE SUPPLY CHAIN MANAGEMENT

TWO WEEK (ONLINE & OFFLINE MODE) ATAL FACULTY DEVELOPMENT PROGRAMME



Two Week (Online & Offline mode) Faculty Development Programme (FDP) On "Data Analytics and Simulation for Healthcare Supply Chain Management" was conducted during February 20th-March 03rd, 2023. Under the aegis of AICTE Training and Learning (ATAL) Academy Sponsored by AICTE, New Delhi. FDP is being Coordinated by Dr. S. Prasanna Venkatesan and Co-coordinated by Dr. S. Vinodh. FDP aimed to deliberate fundamentals and advancements in line with research and industrial developments on data analytics and simulation for Healthcare SCM. Sessions included theory, practice and research perspectives. Expert lectures were from Academia and Healthcare Industries.

During First week (February 20-25, 2023), Online sessions were conducted, and Experts from IIT Madras, MNIT Jaipur, AIIMS New Delhi delivered lectures. During second week (February 27, 2023 to March 3, 2023), Offline sessions were conducted. Sessions include theoretical lectures, training on Healthcare simulation using Flexsim, an Industrial visit to ZF Rane India limited, CoE in advanced manufacturing at NIT-T, stress management, Insights on NEP 2020, Bibliometric analysis and research writing.

On February 24th, 25th and 26th, the Electrical and Electronics Engineering Department of NIT Trichy organized a national-level symposium to promote the exchange of ideas and knowledge between industry experts and the academic community of NIT Trichy. As a part of this symposium, a series of guest lecture events featuring prominent experts in various fields were organized. This lecture series aimed to connect the academic community of NIT Trichy with industry professionals, allowing us to learn about the latest developments and emerging trends in engineering. This report summarizes the key topics and takeaways from the lecture series.

The first guest speaker was Dr. Brinda V, the Director at the Directorate of Safety, Reliability & Quality (DSRQ), ISRO. Dr. Brinda discussed on the topic SPACE Technology: A boon to mankind - how space technology impacts our daily lives and the working of numerous other industries that use satellites for communication. She also discussed various aspects of ISRO's work, including spinoff technology developments, as part of their endeavours to promote research collaborations with other industries. She provided a comprehensive overview of the latest developments and research in the space tech sector and shared insights into her own experiences and career trajectory. From the talk, we learned that ISRO is working on some fascinating space missions, such as the Aditya - L1 mission, where the goal is to insert a space telescope into the Halo orbit to enable a more effective study of the Sun and Solar eruptive events.

The second guest speaker was Ms. Divya Tiwari, a Principal Scientist & Advisor at Saahas. She began by showcasing the work being done at Saahas to positively impact the environment and humanity as a whole. She introduced us to the concepts of Sustainability and Circularity. She also explained their relevance to the EEE industry - specifically regarding E- waste generation. The lecture was engaging, with loads of demographics and shocking facts. From the talk, we learned that contrary to popular belief, recycling is not always the best option for used goods. Rather recovery, repair and reuse of these products would benefit the environment, consumers and producers alike. This is, in essence, the concept of a circular economy. Finally, numerous case studies were discussed based on examples from real-life company strategies to improve circularity in the company's business ecosystem.

The third and final guest speaker was Mr. Prithvi Velicheti, a scientist at the National Remote Sensing Centre (NRSC) at ISRO. Mr. Prithvi's talk focused on accelerating hardware using FPGAs, GPUs and other such platforms. He introduced us to the basic concepts of Computer architecture. He then also explained its developments in the modern era and how the relevance of parallel computing grew with it. He discussed many concepts relevant to high-performance computing, like Multithreading, hyperthreading, and pipelining. The lecture concluded with Mr. Prithvi showing us demos of some pre-written codes and the various software tools commonly used by professionals in the field. Additionally, two more guest lectures were hosted as part of the symposium in online mode on the 4th and 5th of March. The speakers were Mr. Balaji Ravi, a project associate at the Centre for Industrial Consultancy and sponsored research, IIT Madras, who spoke on the topic of "Electric Vehicles and Subsystem 101", and Mr. Puneet Panwar, Scientific Officer at BARC, Mumbai, who delivered a talk on the subject of "Optimal Control Theory: A Practical Perspective". Both lectures had high attendance and were very well received despite being in online mode. In conclusion, the guest lecture series provided a unique opportunity for students and faculty to learn something new and relevant to modern times from a professional in the field. The lectures also highlighted the importance of interdisciplinary collaboration and the need to consider social, economic, and environmental factors in engineering design. All the speakers involved in the event stem from various unique career paths. This serves as a testament to the Electrical and Electronics Engineering Department's commitment to providing a well-rounded education to its students and its efforts to promote collaboration between academia and industry.



Dr. S. Dominic, Associate Professor from Department of Computer Applications has received Innovative Idea Award which is a Cash Prize of Rs.40000 for the Idea: "Deep Learning based Patient Identification and Verification System for Health Record Management" from Technology Innovation Hub, Indian Institute of Technology, Patna jointly with Department of Computer Science, Banaras Hindu University, Varanasi. We congratulate him on this achievement and wish him more on his future endeavours.

RESEARCH AND CONSULTANCY

PROJECTS

- Dr. R. Anand, Associate Professor, Department of Mechanical Engineering, has been granted Rs. 53,18,544 by SERB for a period of 36 months for the project: Sustainable Energy-Efficient Green Ammonia Production by Plasma-Water Interface.
- Dr. Sri Ram Shankar Rajadurai, Assistant Professor, Department of Instrumentation and Control Engineering, has been granted Rs. 30,78,900 by SERB for a period of 24 months for the project: Development of a multi-axis actuation system for the probe in sub-surface scanning probe microscopy.
- Dr. D. Nagarajan, Assistant Professor, Department of Metallurgical & Materials Engineering, has been granted Rs. 41,47,000 by SERB for a period of 36 months for the project: Study of Room Temperature Forming behavior of CP-Ti and Ti -6Al-4V Alloy sheets during the Incremental Forming Process for Cranial Applications.

CONSULTANCY

- Dr. R. Raghavan, Assistant Professor, Department of Civil Engineering, received Rs. 3,76,590 as charges towards consultancy services rendered to various establishments.
- Dr. M. Umapathy, Professor, Department of Instrumentation and Control Engineering, received a sum of Rs. 45,698 for various testing consultancy works undertaken.
- Dr. R. Senthil Kumar, Assistant Professor, Department of Civil Engineering, received a sum of Rs 9,79,300 as charges towards consultancy services provided to various enterprises.
- Dr. S. Kumaran, Professor, Department of Metallurgical & Materials Engineering, received Rs. 82,305 from VSSC for Spark Plasma Sintering services.
- Dr. Jeevan Joesph, Assistant Professor, Department of Civil Engineering, received Rs. 2,18,540 as consultancy charges towards soil testing (Gradation, Shear Strength) and Rock Testing (UCS Test) projects undertaken.
- Dr. N. Ramesh Babu, Professor, Department of Metallurgical & Materials Engineering, received Rs. 1,72,900 as testing and consultancy charges for various projects.
- Dr. Premalatha, Professor, Department of Energy and Environment, received Rs. 36,985 as consultancy charges and analytical service charges for various projects.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 5,31,000 as charges from IMC Limited towards Design, Engineering & consultancy services of Ground Improvement works for Tank Foundation, Kakinada E-4.
- Dr. S. T. Ramesh, Professor, Dept of Civil Engineering, received Rs. 79,650 as charges for facilitating the utilization of quality control laboratory facilities of NIT Trichy for Practical demonstration to WRD Engineers on behalf of WAPCOS Limited.
- Dr. Mashudha Sulthana, Assistant Professor, Department of Civil Engineering, received Rs. 1,77,000 as consultancy charges from TWAD Board towards the preparation of structural design and drawings for both the sumps based on the SBC TEST RESULTS.
- Dr. V. Sunitha, Associate Professor, Department of Civil Engineering, received Rs. 1,65,200 as charges towards the design of CC pavements at the New Bus stand for the Thiruvarur Municipality.
- Dr. J. Karthikeyan, Associate Professor, Department of Civil Engineering, received Rs. 56,640 as consultancy charges for various projects.
- Dr. S. Manivannan, Associate Professor, Department of Physics, received a sum of Rs. 7,500 as Dielectric Analysis charges from PSG Institute of Technology and Applied Research, Coimbatore.
- Dr. R. Karvembu, Professor, Department of Chemistry, received a sum of Rs. 2,620 as lab charges for the Organometallics and Catalysis lab.
- Dr. S. Velmathi, Professor, Department of Chemistry, received a sum of Rs. 29,435 as lab charges for NMR Spectrometer Analysis.
- Dr. V. M. Biju, Associate Professor, Department of Chemistry, received a sum of Rs. 11,060 as lab charges for Fluoromax-4CP Luminescence Spectrometer Analysis.
- Dr. L. Cindrella, Professor (HAG), Department of Chemistry, received a sum of Rs 1000 as lab charges for the Thermogravimetric Analyzer.
- Dr. K. N. Sheeba, Associate Professor, Department of Chemical Engineering, received a sum of Rs 500 as lab charges.
- Dr. R. Anand, Associate Professor, Department of Mechanical Engineering, received a sum of Rs 1523 as lab charges for Fuel Analysis.

IGNITTE TRAINS GOVERNMENT SCHOOL STUDENTS, 12 FROM TRICHY AND 20 FROM TIRUNELVELI DISTRICT

IGNITTE is the teaching club of NIT Tiruchirappalli, functioning with the aim of training students of government schools for the Joint Entrance Examination (JEE)-Main and Advanced, free of cost. IGNITTE has a team of 49 members studying at NIT Tiruchirappalli, who assist the students in cracking competitive examinations. Apart from training students to get admissions at NITs and IITs, IGNITTE has helped students get placed in the prestigious colleges of Tamil Nadu. With JEE Main 2023 Session 1 scheduled to begin by January 24, IGNITTE decided to conduct a crash course for the class 12 government school students from Tiruchirappalli and Tirunelveli districts. A total of 16 students from the Tiruchirappalli district and 20 from the Tirunelveli district attended the crash course from December 26, 2022 to January 12, 2023 at NIT Tiruchirappalli campus.



Subjects - Physics, Chemistry, and Mathematics covering the syllabus of JEE Main 2023 were taught. Tests were conducted. Classes were conducted from 9 am to 6 pm at Orion. The students were provided with accommodation at the hostels of NIT Tiruchirappalli. During the course, Dr. G. Aghila, Director, NIT Tiruchirappalli advised the school students to put their maximum effort for cracking JEE and wished them for their success. Dr. N. Kumaresan, Dean (Faculty Welfare), and Dr R. Karvembu, Dean (Students Welfare) have advised the students and wished them to get into NITs/IITs.

Dr. N. Thamaraiselvan, Registrar i/c, and Dr N. Sankaranaryanan, Dean (R&C) have insisted they utilise the opportunity NIT administration provided to the maximum extent. On behalf of IGNITTE, the Faculty Advisor Dr. R. Manjula thanked NIT Tiruchirappalli Administration and IGNITTE Club members for their support and assistance in conducting the crash course.

SPEAK FOR INDIA

DISTRICT-LEVEL DEBATE EVENT "SPEAK FOR INDIA 2022- TAMIL NADU EDITION" IN ASSOCIATION WITH THE TOI

NIT Trichy hosted the district-level "Speak for India - Tamil Nadu Edition" debate competition on 2nd Feb 2023. The Quizzing and Debating club of the National Institute of Technology Tiruchirappalli (NIT Trichy) in association with the Times Of India (TOI) hosted and conducted the district-level intercollegiate debate event "Speak for India 2022- Tamil Nadu Edition", on the 2nd of February 2023.

"Speak for India" is the largest debating platform of the world's largest democracy. The total prize money for the event is Rs. 6 lakhs. This event is an initiative by Federal Bank in affiliation with TOI to motivate young, dynamic, and enthusiastic minds across the country to raise their voice on pertinent and socially relevant issues and play the role of a changemaker in society.

Students from over 5000 colleges across India participate in the competition every year. In the current edition, so far more than one lakh students from 1200 colleges have participated in various district-level competitions across different states.

The Trichy district-level competition of the Tamil Nadu Edition was conducted at NIT Trichy. The event was inaugurated by the Dean of Student Welfare, Prof. R Karvembu and Dr. Malolan Sundararaman, Faculty Advisor - Quizzing and Debating Club. The jury for the competition included Dr. Karthika, Assistant Professor in the Department of Humanities and Social Sciences of NIT Trichy, and Dr. Parthasarathi, Assistant Professor in the Department of Electronics and Communication Engineering of NIT Trichy. Over a hundred enthusiastic college students from more than 20 renowned institutes in the Trichy district participated, engendering a highly thought-provoking and engaging competition. A total of 10 participants have qualified for the zonal level "Speak for India - Tamil Nadu Edition" debate competition from the current event. Among the top-10 participants who have qualified for the zonal level competition, 5 are students of NIT Trichy.





NIT-T WON GOLD IN MEN'S HOCKEY AND WOMEN'S THIRD PLACE IN THE HANDBALL CHAMPIONSHIP 2023

The sports contingent of NIT Trichy took part in the All-India Inter NIT Tournament for hockey (Men) and handball (Women) held at NIT Calicut on the 6-8th, January 2023. The Team was accompanied by Dalley Krishnan SAS Officer of the Institute as the Team Manager for the NIT-TrichyTeam. The event had 14 Nits, and the NIT-Trichy men's hockey team won gold, taking first place overall champions in the Hockey Tournament. The women's handball team, on the other hand, finished in third place and earned their well-deserved medal. Director, Dr. Aghila congratulated our team

WOMEN'S TEAM WON INTER NIT KABBADI AND MEN'S TEAM SECURED 2ND RUNNER IN VOLLEYBALL TOURNAMENT

The All India Inter NIT Tournament for Kabaddi, Volleyball, and Yoga was held at NIT Surathkal from January 20th to 22nd, 2023. A total of 22 NITs participated in the tournament. The NIT Trichy contingent team was led by SAS officer Mr. Dalley Krishnan and the contingent captain, Gokulraaj. The team performed exceptionally well, with the women's Kabaddi team winning the tournament under the Training of Swaminathan coach of the kabaddi team, and the men's Volleyball team securing the 2nd runner-up position under the leadership of Prem Kumar. Sabitha was also awarded the best defender of the tournament, and Sandhya received the best raider award for Kabaddi. The tournament was a great success for NIT Trichy, with teams led by Maheshwara Reddy and Padma reaching the semi-finals and quarter-finals respectively. The effort put in by all teams from NIT Trichy was appreciated by other participants.



ALL INDIA INTER NIT TOURNAMENT FOR CRICKET AND POWERLIFTING WAS HELD AT SVNIT SURAT

The All India Inter NIT Tournament for Cricket and Powerlifting was held at SVNIT Surat from February 16-19, 2023. Across all NITs taking part, The teams led by SAS Officer Dr. A Solomon Raja performed magnificently. Our men's Cricket team secured overall runners up and the men's Powerlifting team bagged the overall championship. The powerlifting team won 3 gold medals and Satyen Borkar won the best overall lifter. In cricket, the Best All-Rounder and Most Valuable Player of the tournament was given to Kirubanithy Murugan.

ALL INDIA INTER NIT TOURNAMENT - NIT ROURKELA

The All India Inter NIT Tournament for Kho-Kho men and women, football men, and swimming men and women was held at NIT Rourkela from February 10th to February 12th 2023. The competition featured 25 NITs in total. The NIT Trichy contingent team was led by SAS officer Mr. Dalley Krishnan and the athletes Mr. Pranav Joshi, Mr. Manish, and Mr. Abhishek. The group performed remarkably well, and the swimming team for men ultimately took first place in the swimming men division. The women's swimming team eventually earned third place overall in the points standings. The football teams led by Pranav Joshy and the kho-kho team led by Deksha made the tournament a huge success by winning the bronze medal for the Institute.

The Counselling and Guidance Cell of NITT under the aegis of the Office of the Dean (Students' Welfare), organized a one-day workshop on "Understanding and Overcoming Depression" on 10th February 2023. The event took place in A13 Hall from 3:30 p.m. to 5:00 p.m. The session was handled by the experts from Shubiksha Hair and Skin Clinic, Tiruchirappalli. The workshop witnessed participation from 45 students, which included undergraduates, postgraduates, and PhD scholars. The key topics discussed included the types and symptoms of depression, early identification of depression, and measures to control and overcome depression.



STUDENT CLUB EVENTS

AMRUTHAVARSHINI

Amruthavarshini, the Carnatic Music Club of NIT Trichy, recently performed for the prestigious 176th Thyagaraja Aradhana Festival at Thiruvaiyaru, organized by the Thyagabrahma Mahotsava Sabha at Thiruvaiyaru. The Aradhana is organized at the Samadhi of renowned saint-composer Shri Thyagaraja Swamigal. It is a 5 day long celebration involving back to back performances by Carnatic Musicians across the world attended by the who's who of Carnatic Music.

Nine members from the Amruthavarshini Troupe of NITT performed at Thiruvaiyaru on 9th January 2023 by rendering his compositions. The troupe rendered two songs, 'Mariyaadha Gaadhayya' and 'Emani Vegintune' in a ten minutes slot. On Jan 11th four members participated in the Aradhana, where Carnatic musicians from all over the world gather and sing the Pancharatna Keertanas together. This event was live telecasted on DD Podhigai channel. Attending the Aradhana is a yearly ritual for every practitioner of Carnatic Music, and Amruthavarshini has been extremely blessed to attend and perform at the festival since the club's inception.



TAMIL MANDRAM

Tamil Mandram, NITT conducted Pongal Thiruvizha'23 on February 12th. It started with the Kabaddi and Kolam competitions on the previous days. Pongal celebrations had a myriad of activities starting from Pariattam promenade and Pongal preparation competition by our students. The Inauguration was led by our College Director Dr. G. Aghila, followed by Pattimandram conducted with Madhurai Muthu as Judge. A traditional feast reflecting our Tamil flavors was served. After that we conducted Tamil cultural games like tug of war, Uriyadi and fish catching and then the celebrations were ended by Paraiattam, Silambattam, standup comedy show by Vikkals Vikram and DJ Night.

MUSIC TROUPE

Music Troupe competed at Saarang '23 (Jan 12-15), the annual cultural fest of IIT Madras. Members of the Music Troupe participated in various music events at Saarang and bagged three prizes in the solo singing competitions. The troupe conducted a solo singing and solo instrumental competition exclusive for first year students called Raag & Riff. Freshers Interviews were conducted to induct them into the club. This process is still ongoing as of Feb 27. The students also competed at Riviera '23 (Feb 23-26), the annual cultural festival of VIT Vellore and bagged 5 prizes.

PIXELBUG

Pixelbug, the photography club conducted Aurora, the annual photography workshop conducted. They also covered various administrative events like Republic Day, RECAL run, RECAL scholarship, inauguration of department symposiums for EEE and MME Department and festivals such as Saraswati Pooja, Pongal Celebrations and Ethnic Night. Drone workshop was held for the club members to explain the basics of drone videography with on-hand training. They have also inducted a total of 25 new students.

Ethnic Night was conducted by the Cultural Council and Students' Council of NIT Trichy on the 25th February, at Barn Hall. It was an event that aimed towards celebrating the rich and diverse culture of India. Various events were conducted to showcase the diversity and every aspect of Indian Culture was highlighted.

Multiple dance forms such as Lavani, Bharatanatyam, and Tamil folk were displayed, following which Dance Troupe's Eastern team enthralled the audience with a special performance. Various sweets and savories were offered to all the students, faculties and their family members. Food Tasting Stall, Mehendi Booth were arranged. An art Exhibition with Various artworks relevant to the theme of Ethnic Night were prepared by the Fine Arts Society and were put up on display. Games like "Heads up" and "What's in the Box?" were conducted outside Barn Hall. A scintillating performance was carried out by Akkarsh Kasyap, a leading violinist in the Tamil Film Industry along with his band, at Barn Hall. Vocalists of NIT Trichy's Music Troupe also collaborated and performed with the Band.



PRAKRUTI

Prakruti is the nature club of NITT that takes care of the campus animals. The club members ensure that they have access to food, water, and medical facilities. Adoption drives are also carried out to give the animals a permanent home. Feeding activities are carried out every night, using the leftover food, in the academic and hostel regions of the campus. They constantly keep in touch with the vet and Blue Cross of Trichy for the treatment of seriously wounded/sick dogs. Prakruti and Leap jointly organized a guest lecture where Mr. Arvind Kannan, a famous animal rights activist addressed on the topic, "A kinder world for the animals," at the EEE auditorium.

He made the audience realise how we discriminate against animals based on their species and shared insights on embracing a cruelty-free lifestyle by refusing to take part in the exploitation of the non-human animals.



TECHNICAL COUNCIL

CryptoNITT community released blogs on web3 technologies to inculcate web3 culture in the campus

TeCOS community held inductions and selected their members

Bidathon event was conducted during InHoTTs for first years.

Halls Portal was released to book halls in a paper-less manner



PRAGYAN

The theme for Pragyan'23 was announced to be Cyberscape

Pragyan website (<https://pragyan.org/>) was released

Pragyan'23 going to be held from March 23 to 27

InHoTTs was conducted successfully in association with Technical Council which is an exclusive contest for first years. 8 clubs actively participated in conducted competition specific to the domain of their interest and freshers also participated in all the events.



TEDXNITTRICHY

Conducted ConnectED'23 on the 30th of February- an exclusive freshers only event which provides an insight into TED and TEDx, and how the team functions. The event included activities, giveaways and discussions. Apart from this, TEDx also conducted inductions for the newest batch. The inductions spanned over three weeks involving tasks, interviews and group discussions, and 32 members have been into the team.

AKSHARA

On 18th February, "Sarada Shanivaram" event was conducted on the occasion of Shivaratri festival for which, we conducted 4 events, being Treasure Hunt, Name the Tune, Telugu movie quiz and Karaoke Event

TOASTMASTERS NITT CHAPTER

TM Podcast is an ongoing venture to find out how our seniors are navigating life beyond college and to learn how adulting have been treating them. Freshers' Induction Briefing was conducted on 1st Feb. A Toastmasters meet specially oriented towards the first years, allowing them to catch a glimpse of how the club works and how it'll be beneficial for them to develop public speaking, communication, and leadership skills.

AAYAM

Constitutional Debate: This event not only encourages the participants to overcome stage fear but also to enhance their knowledge about the constitutional rules and rights, which every citizen of the country must be aware of. This is aimed to promote Hindi as a language among the students and faculty members. We conducted this event on Republic Day and 50+ students participated in the event.

SURGE

Surge Debate (Tug of Words) happened on February 25 from 10 AM - 1 PM. There were a total of 6 participants from both UG and PG. Students were assigned topics based on the SDGs on current world events. Each participant was given a coin toss to determine whether to go 'for' or 'against', one minute to express their own viewpoint, and ten minutes to debate.

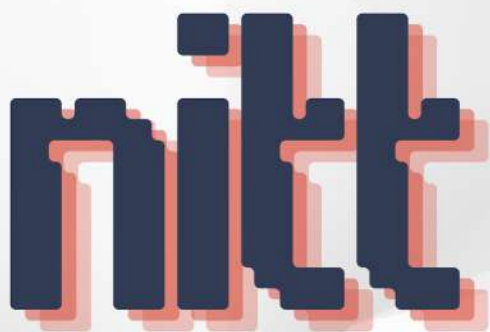
OPEN MIC EVENING,

The English Guild, Department of Humanities and Social Sciences, held an Open Mic Evening on 20th February 2023. The venue for the event was the MIC area near the Architecture department. Students of NIT Tiruchirappalli from across the various departments were invited to display their talent and share the stage with other budding artists. The event was organized with a view to provide a forum for all NITT students to express themselves creatively and to showcase their artistry with confidence. The students were encouraged to perform in their preferred languages before a gathering of their peers and other like-minded participants.

The host for the evening, Divya G. (I MA), initiated the proceedings by engaging the audience and setting the tone for the 30+ lively performances that followed. The spirit of the audience never waned as they witnessed some incredible performances in a variety of forms ranging from poetry to music to stand-up comedy, with many performers demonstrating their dexterity with guitars and ukuleles. Along with pre-registrations, on-spot registrations were also arranged for the members of the audience who turned into performers as the evening progressed. The audience played a critical role in making this event a big success. They matched the vivacity of the performers, often singing along and waving their mobile phone flashlights in the dark when a soft melody was played on stage.

The event concluded with a lucky draw for the participants. The Open Mic Evening was a success, thanks to the tremendous excitement displayed by the performers and the audience, and the combined efforts of English Guild members and students of the HSS department.





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PUBLIC RELATIONS AND MEDIA COMMITTEE

PATRON

PROF. G. AGHILA
DIRECTOR

COORDINATOR

PROF. VINOD BALAKRISHNAN
DEPARTMENT OF HUMANITIES AND SOCIAL
SCIENCES

HEAD | PRINT MEDIA TEAM

PROF. N. SIVAKUMARAN
DEPARTMENT OF INSTRUMENTATION AND CONTROL
ENGINEERING

TEAM HEAD

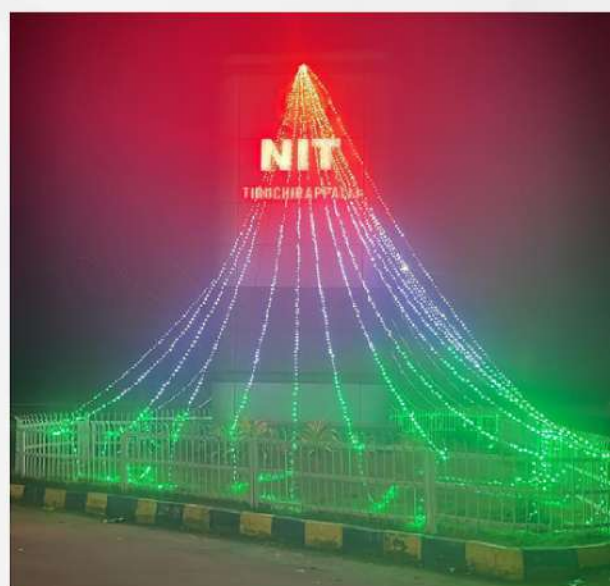
PROF. SATHYARAJ VENKATESAN
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

COMPILATION AND DESIGN

AR. K. BHAGYASRI, DEPARTMENT OF ARCHITECTURE

CONTENT COORDINATION AND EDITING

DR. NISHA V., DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES
DR. VENKATA SURYANARAYANA MUMMIDI, DEPARTMENT OF PHYSICS
DR. JYOTI SAHU, DEPARTMENT OF CHEMICAL ENGINEERING



NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI
TAMILNADI - 620015
INSTITUTE : +91 - 431 - 2503000 / 2504000
FAX : +91 - 431 - 2500133
WEBSITE : www.nitt.edu
EMAIL : mint@nitt.edu



feedback : newsletter@nitt.edu