Dear NIT Tiruchirappalli family,

I extend my warmest greetings to all of you. As we commemorate the 60th year of our institute's foundation, we look back with gratitude and forward with unwavering determination. Our journey from a Regional Engineering College to the National Institute of Technology has been characterized by a commitment to nurturing young minds and fostering positive social change through education. This significant milestone presents us with the opportunity to celebrate our rich legacy while embracing a dynamic future.

In July, we commenced our Diamond Jubilee celebrations with a grand inaugural function, felicitating the distinguished former principals and directors of the Institute, who were instrumental in shaping its remarkable trajectory and achievements. The 19th Convocation followed soon after, where we took pride in our graduating students, who, after years of hard work and dedication, stepped into the world equipped with the knowledge, skills, and values to make positive societal impact. This year, we graduated 2155 students, the highest number of annual graduands in the history of NIT Tiruchirappalli – a testament to our commitment to academic excellence.

I also take immense pride in congratulating the faculty and students of the Architecture department for their exceptional achievement in winning the 'Le Corbusier' trophy at the 65th annual convention of the National Association of Students of Architecture (NASA). This accomplishment reaffirms our position as a hub of excellence in architecture and design. The establishment of ISRO's third Space Technology Incubation Centre (S-TIC) at NIT Tiruchirappalli is another significant milestone that strengthens our institute's role in fostering innovation and entrepreneurship in the field of space technology. The collaboration with ISRO opens up new avenues for research, innovation, and partnership that will undoubtedly benefit the broader scientific community.

In line with our commitment to skill development, we inaugurated the NIT Tiruchirappalli Skill Hub Centre as part of the 'Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 scheme'. This initiative will play a pivotal role in the development of a skilled workforce in the Tamil Nadu delta region, encompassing the districts of Trichy, Tanjore, Karur, Perambalur, and Pudukkottai, fostering increased employment prospects and economic growth.

I register my appreciation to all those who contributed to the success of the events and achievements on the past few months. In our Diamond Jubilee year, let us continue our pursuit of excellence with renewed vigour so that we may script a future that is even brighter and more glorious than our illustrious past.

DR. G. AGHILA

CONTENTS

CONTENTS

PUBLIC RELATIONS AND MEDIA TEAM

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)

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)

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)

PRINT MEDIA
Dr. N. Sivakumaran (Prof./ICE)
Dr. V. Sateeshkumar (Asst.Prof./Prod.)
Dr. P. A. Karthick (Asst.Prof./ICE)

19th Convocation at National Institute of Technology – Tiruchirappalli

In the Diamond Jubilee year of National Institute of Technology – Tiruchirappalli, the 19th Convocation was held on the 28th of July 2023 in Barn Hall. 2155 students graduated in a grand ceremony which was declared open by the Chairperson Board of Governors Shri. Bhaskar Bhatt. The Director of NIT Trichy Dr. G. Aghila presented the report which emphasised on the great academic and research achievements that NIT Trichy bagged through the hard work and commitment of faculty, students and staff. Her report focused also on the implementation of NEP 2020 and the strategic plan that the institute has developed for ensuring the global competence of the institute while being locally significant and impactful.

The Chairperson Board of Governors Shri Bhaskar Bhatt then addressed the graduands. He expressed his happiness in NIT Trichy being able to provide the state-of-the-art infrastructural facilities to all stakeholders by continuously monitoring the international standards that the institute nurtures. His address also focussed on various aspects of NEP 2020 being implemented gradually at NIT Trichy.

Shri Soumitra Bhattacharya, Former Managing Director Bosch Ltd, as well as the Regional President of the Bosch group addressed the graduands on leadership skills that one should cultivate without compromising the value system that education aims to foster. He emphasised that in a world which is fragmented by geopolitical crises and when global anxieties surge up, the world look up to the youngsters who will be engaging in building an environment that is conducive for a symbiotic existence. Shri Bhattacharya also mentioned how important it is to have ethics, empathy and trust as an integral part of the corporate governance.

Following the formal conventions of the graduation ceremony, the Heads of various departments presented the graduands and the Director conferred degrees on them. The medal winners and undergraduate students were awarded the degrees in the forenoon session. A total of 44 B.Arch. and 1090 B.Tech. students were awarded the undergraduate degrees by the Director. The prestigious President's Medal for overall highest CGPA was received by J. Soundarya of B. Tech. Electrical and Electronics Engineering Department. Institute medals were received by 9 B.Tech., 1 B.Arch., 23 MTech., 1 M.Arch., 4 MSc., 1 MCA, 1 MBA and 1 MA graduands. After conferring the degrees and medals, the Director asked the graduates to take their pledge. The president medal winner read out the pledge and graduates took the oath. The Chairperson then signed the Record of Degrees given to him by the Dean Academic and the Registrar. Following this, the Chairperson declared the convocation closed.

77th Independence Day Celebrations

On the occasion of 77th Independence Day, NIT Tiruchirappalli Director, Dr. G Aghila, on Monday hoisted the national flag and delivered the address to the campus community from the ramparts of the Main office Building.

She said NIT-T had played a significant role in driving progress, pioneering cutting-edge research, and finding pragmatic solutions to real-world problems. For decades, our institute has played a crucial role in moulding young engineers and innovators whose influence has been and continues to be, instrumental in shaping our nation's trajectory and defining its position in the global order. Just recently, during the 19th Convocation, we proudly showcased more than 2000 talented and bright minds to the world. These exceptional individuals have now become part of our esteemed alumni network, which boasts inspiring success stories in science, technology, innovation, and entrepreneurship.
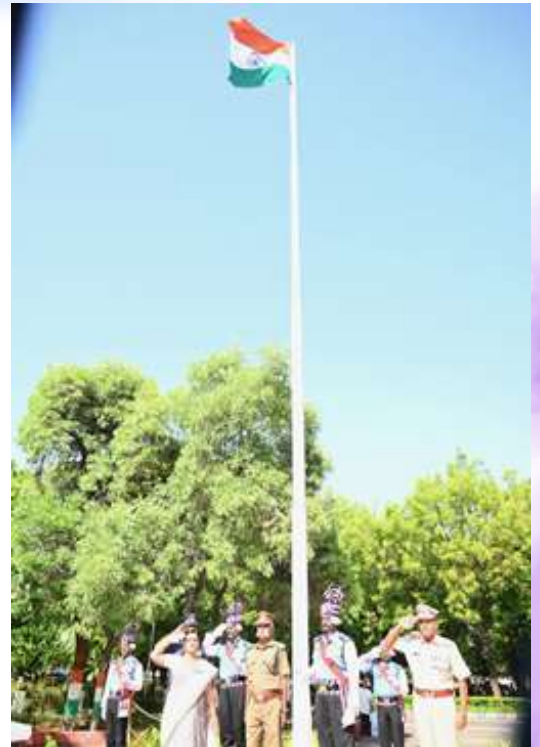
Prior to that, the director inspected the Guard of Honour which was positioned directly in front of the National Flag across the moat below the ramparts. The Security Officer G Murugan & Dr Mohan conducted the Director to the Saluting Base where a combined NCC Cadets & Security guards presented the general salute to her, following which the Director inspected the Guard of Honour.

Followed by the 'Har GharTiranga' campaign commenced on Saturday and will run till Monday. The cultural programme was organized by the Children's Club and Officers Club.

NATIONAL SPORTS DAY CELEBRATION

On the Occasion of National Sports Day 2023, Sports Council of NIT Tiruchirappalli creates Sports facilities (Kho Kho and Volley Ball Courts) at REC Middle School. The Chief Guest, Guest of Honor, and Special Invitees were Mr. M. Arivazhagan Deputy Superintendent of Police, Mr. R. Suresh Kumar SDAT Manager and Mrs. S.B. Regi Benjamin Block Education Officer for the inauguration ceremony. The Director of the Institute Dr. G. Aghila motivated the school children on the importance of sports and physical exercise in their day-to-day life.

Mr. M. Arivazhagan DSP, and other guests educated the school children about the greatness of Major Dhyan Chand in the field of sports. The sports facilities (Kho-Kho and volleyball court) were inaugurated by the Chief Guest and other guests of the event. Dr. R. Karvembu Dean of Students Welfare, Dr. N. Kumaresan Dean of Faculty Welfare, Dr. G. Subbaiyan, Dean Institute Development, Dr. K. Baskar Dean Planning & Development, Dr. Ashok Chairman of REC School, Dr. Jerome (RECAL), and SAS Officers Dr. A. Solomon Raja and Shri Dalley Krishnan were present in the Occasion.

ISRO SPACE TECHNOLOGY INCUBATION CENTRE - SOUTHERN REGION, NIT TIRUCHIRAPPALLI

Indian Space Research Organisation's (ISRO) Space Technology Incubation Centre (S-TIC) was established at National Institute of Technology, Tiruchirappalli, on 29th of May 2019 through a Memorandum of Understanding (MoU) between ISRO and NIT Trichy. S-TIC represents a pioneering initiative aimed at fostering synergy between academia,industry and ISRO centres across India. It stands as the first-of-its-kind incubation centre in the Southern Region of India.

Under the auspices of S-TIC, NIT Trichy has undertaken eight Technology Development Projects (TDPs) with a total investment of Rs. 2 Crores. These projects are dedicated to the development of indigenous technologies intended for deployment in current and future ISRO missions. This collaborative effort has allowed NIT-Trichy faculty, UG & PG Students and scholars to engage directly with challenges of strategic importance to ISRO, resulting in the creation of proof-of-concept prototypes.

The students and faculty from other institutions are also part of these projects, as STIC at NITT servers the southern region of India.To further enhance this collaborative initiative, a delegation led by Shri. SudheerKumar N, Director CBPO and Shri. Nishant Kumar, Deputy Director CBPO from ISRO HQ, Bengaluru, along with senior scientists from the Space Applications Centre (SAC) Ahmedabad, U. R. Rao Satellite Centre (URSC) Bengaluru and the Liquid Propulsion Systems Centre (LPSC) Thiruvananthapuram, visited NIT Trichy as part of the Joint Management Committee (JMC) meeting on 30th August, 2023.

The JMC was chaired by Dr. G. Aghila, Director of NIT Trichy and Shri. Sudheer Kumar, Director, CBPO, ISRO and was effectively coordinated by Dr. G. Uma, Coordinator of S-TIC, NIT-Trichy, Shri. Nishant Kumar, Deputy Director CBPO, ISRO and Dr. V. Sankaranarayanan, Dean, Research and Consultancy of NIT Trichy. The ongoing projects were reviewed and discussions were held on strengthening research, prototype development and technology projects linked to ISRO. As a testament to the collaborative success, indigenously developed products resulting from three S-TIC TDPs handled by Dr. S. S. Karthikeyan, Associate Professor, ECE, Dr. R. Pandeeswari, Associate Professor, ECE & Dr. S. Senthil Kumar, Associate Professor, EEE have been handed over to ISRO. ISRO expressed its satisfaction with the progress of ongoing projects at NIT Trichy.

The MoU has been extended for an additional two years (May'23 – May'25) between ISRO and NIT Trichy demonstrating the commitment of both organizations to continue their successful collaborations.

NIT TIRUCHIRAPPALLI-SKILL HUB CENTRE-INAUGURATION

The Skill Hub Centre, launched at NIT Trichy under the PMKVY 4.0 scheme, was inaugurated on 13th July 2023 by Shri. Bhaskar Bhat, Chairman, Board of Governors, NIT Tiruchirappalli, in the presence of Dr. G. Aghila, Director, NIT Tiruchirappalli. The inauguration marked an important milestone in NIT Tiruchirappalli's commitment to skill development and empowering individuals for a brighter future. NIT Tiruchirappalli has launched its Skill Hub Centre, a one-stop destination for the skill development needs with the state of art infrastructure facilities and Air-conditioned classrooms. The Skill Hub Centre is a part of the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 scheme, which is supported by the Ministry of Education and the Ministry of Skill Development & Entrepreneurship. The scheme aims to provide vocational training for unemployed youth and school dropouts in the age group of 15-45 free of cost. The Skill Hub Centre offers various courses and programs in different sunrise sectors such as Office Assistant, Software Developer Associate, Security Guard, 3D Printing, Solar PV Design, IoT, Data Analytics, CNC Machining and many more. Each course and program are conducted for a period of 250 – 300 hours and provides hands-on training, industry exposure, and practical knowledge that directly align with the current industry requirements as per National Skills Qualification Framework (NSQF). Trained participants will be awarded certificates authorized by NIT Tiruchirappalli and NSDC.

In her address, Dr. G. Aghila said that "The Skill Hub Centre at NIT Tiruchirappalli perfectly aligns with the implementation of National Educational Policy (NEP) 2020 which will be of benefit to the students, alumni and the public. NIT Tiruchirappalli will take this forward as a long-term activity in catering the employment needs of graduates & unemployed youths". Depending on the demand of the targeted beneficiaries, customized courses will be launched to skill the trainees suitable to a market-driven job profile, said Dr. V. Sankaranarayanan, Dean (R & C).

Applications are open for enrolling the Skill Hub Centre at NIT Tiruchirappalli. Accommodations can be given on First come first serve basis at a nominal rate based on the availability. For more information about the courses and programs, please visit In her address, Dr. G. Aghila said that "The Skill Hub Centre at NIT Tiruchirappalli perfectly aligns with the implementation of National Educational Policy (NEP) 2020 which will be of benefit to the students, alumni and the public. NIT Tiruchirappalli will take this forward as a long-term activity in catering the employment needs of graduates & unemployed youths". Depending on the demand of the targeted beneficiaries, customized courses will be launched to skill the trainees suitable to a market-driven job profile, said Dr. V. Sankaranarayanan, Dean (R & C). or contact 7418943663 and 9486001131. The Skill Hub Centre also welcomes collaboration with educational institutions and relevant industries in providing customized courses for skilling, reskilling, and upskilling of youth by starting part-time batches in the future to cater to the needs of working professionals and homemakers. The Skill Hub Centre is to play a crucial role in the creation of a skilled workforce in the delta region of Tamilnadu including Trichy, Tanjore, Karur, Perambalur, Pudukkottai districts, creating more job opportunities and economic growth.

NIT-T INKS MOU WITH DATANETIIX SOLUTIONS INDIA PVT LTD.

A Memorandum of Understanding (MoU) was signed between the National Institute of Technology Tiruchirappalli and the DATANETIIX SOLUTIONS INDIA PVT LTD, today the 19th July, 2023 at 10.30 a.m. at OoM room of NITT. Dr. G. Aghila, Director NITT signed on behalf of the NITT in the presence of Dr.V.Sankaranarayanan, the Dean (Research and Consultancy) and Mr. Ravi Sornalingam, Sr. Director, Offshore Centre Head, had signed the MoU on behalf of the DATANETIIX SOLUTIONS INDIA PVT LTD, in the presence of Mr. A V Saravanan, Director of Customized Applications.

Main focus areas under consideration are as follows: prioritized projects in the area of mutual interest and expertise, exchange of faculty between Datanetiix Solutions India Pvt Ltd & NIT-T to address specific development areas in both organizations, engagement of B.Tech. / M.Tech. / Ph.D. students on project work in Datanetiix Solutions India Pvt Ltd for a specified period, support for innovation and entrepreneurship, creation of suitable platforms for sharing industry practices as part of curriculum etc. and Datanetiix Solutions sponsored Ph.D. registration, etc.

During the MoU inking ceremony, Mr. Bala Sriraghavan, Founder and CEO, Datanetiix Solutions, elaborated that the main motive behind setting up of the center is to tap the potential of the NITT students in solving real time problems in wearable devices that are used as smart devices as well as medical monitoring units. He added that the promotion of academic and research collaborations between NITT and Datanetiix would open an appropriate platform for the students to work in industry related projects resulting in skill development and knowledge sharing. Also Mr. Bala iterated that Datanetiix Solutions is keen in supporting and guiding students towards incubation and start up initiatives in future.

Dr. G. Aghila, Director, NITT congratulated the efforts put forth by the team and appreciated that the industrial inputs towards product development would definitely help our students to go to greater heights. She added that this collaboration in the area of wearable devices would definitely be a milestone in the history of NITT which could pave way for utilizing the Technological developments and industrial inputs towards life saving measures which is the need of the hour.

Dr. K.Bhaskar, the Dean (Planning and Development), Dr.N.Sivakumaran, Professor/ICE, Dr G Lakshminarayanan Prof/ECE,Dr.M.Venkatakirthiga, Prof./EEE, Dr.S.Moorthi, Asso. Prof./EEE, Dr.P.Raja, Assoc. Prof/EEE, Dr.M.Brindha, Assoc. Prof/CSE, Dr.R.K.Kavitha, AP/ECE, Dr. Usha Kiruthika, AP/CSE and the team from Datanetiix Solutions were present at the event.

INAUGURATION OF DIAMOND JUBILEE CELEBRATIONS OF NIT TIRUCHIRAPPALLI

The inauguration of the Diamond Jubilee Celebrations of the National Institute of Technology Tiruchirappalli (NITT) was conducted on 13th July 2023 at 10:30 am at the Barn Hall, in the gracious presence of Shri Bhaskar Bhat, Chairman of the board of Governors of NIT T, as the chief guest, along with the former principals REC Trichy, Prof Ilango and Prof Arumugam and the former Directors of NIT Trichy, Dr Chidambaram and Dr Mini Shaji Thomas.

Dr Aghila highlighted the significant contributions of the institute in terms of its technical excellence to the society by recollecting her predecessors who made NIT Trichy as the best among NITs. In the diamond jubilee year, the institute will be organizing a series of programmes including academic, cultural, sports, and open house to interact with other institutions and the larger society, the Director announced.

In his address, Shri Bhaskar Bhat, Chairman, BOG, stressed that the first rank is the result of the work done for the past 60 years. He also expressed his hope that the institute will embrace the true spirit of the NEP 2020 and transform itself that provides multiskilled catering to the needs of emerging areas. Prof. Ilango, the former principal of the institute, stated in his speech that in order to implement any novel plan, one needs to be courageous and the ready to sacrifice. And honour is most important, he added. Prof Arumugam, former principal, also addressed the gathering and advised the audience to realise what their task is and how it is to be done, iterating that only quality education would help one attain this realization.

The first full term Director of NIT, Prof. Chidambaram, addressed the gathering by highlighting the importance of teaching and research in institution building. He advised the faculty, research scholars, and other students to know the strategies of mentoring, learn work-life balance for better productivity, and nurture transparent system for future growth. Prof. S. Sundararajan, former Director of NIT, who could not make it to the function due to unforeseen reasons, was remembered with the greetings he sent.

Dr Mini Shaji Thomas, former Director, congratulated the institute for the 60 years of the journey it undertook and mentioned how she was impressed and carried away by the infrastructure of the institute, the brilliant students and able faculty and the staff when she joined the institute in 2016. Dr Mini Shaji Thomas listed out the designing of the new emblem, IPR filing and faculty startup policy that improved the ranking, the faculty recruitments amidst COVID lockdown, the creation of the media team, community magazine, unleashing the potential of the alumni, etc., as the achievements during her tenure. She also expressed her concerns and hope about the need for entrepreneurs among the students.

Mr Anantharaman, of the 1969 batch, read out a message felicitating NIT on its diamond jubilee year. He remembered Prof. Mani Sundaram, the first principal and the teachers of the time. He greeted the institute on behalf of the alumni of his batch. Dr Aghila then presented a memento to Mr K. Mahalingam, President of RECAL, who then addressed the gathering. He stated that intellectually and academically, the alumni are always willing to contribute to the institute through collaborations, knowledge sharing, and through technical support to enhance the brand 'NIT Trichy.' Lastly, Prof. Thamaraiselvan, the Registrar (i/c), proposed the vote of thanks and the event concluded with the National Anthem.

BEYOND BLUEPRINTS:

NIT Trichy's Triumph at the National Association of Students of Architecture (NASA)

As a celebration of architectural excellence and innovation, the Department of Architecture at NIT Tiruchirappalli hosted the "Beyond Blueprints: The NASA Open House" event on the 25th and 26th of August 2023. This event marked a significant milestone for the department, as they were honoured with multiple citations and special mentions, culminating in the prestigious Le Corbusier Trophy for the 65th Year of the National Association of Students of Architecture (NASA).

THE INAUGURATION CEREMONY: A MOMENT OF PRIDE AND INSPIRATION
The inauguration ceremony, held on the 25th, was graced by distinguished dignitaries, devoted alumni, and students of the institution. Dr. G Aghila, the Director of NIT Tiruchirappalli, extended her heartfelt congratulations to the participating students - urging them to embrace the spirit of exploration and to continually strive for excellence in their pursuits.

Dr. K Thirumaran, the Head of the Department, commended the students for their exceptional achievements and encouraged future generations to carry forward the legacy of excellence. Professor Amalan Sigmund Kaushik, the Faculty Advisor, provided invaluable insights into the various trophies and elucidated the working processes associated with each of them.
Shree Varshaa Elango, the Ex-Unit Secretary, shared her personal journey in the role over the past two years, offering a glimpse into the dedication and commitment required by students for their success. Hari Sasikumar, the President of NASA and a final-year student in the department, expressed profound gratitude to the students, faculty, and dignitaries for their unwavering support.

THE EXHIBITION: SHOWCASING ARCHITECTURAL BRILLIANCE
Following the inaugural ceremony, the exhibition that was held till 26th August 2023 served as a testament to the talent and creativity of the students of the department. Approximately 100 students from neighbouring architectural colleges in Tiruchirappalli, including Thanjavur, Nagapattinam, and Coimbatore, attended the exhibition on the second day.

INTERACTIVE SEMINARS:
The highlight of the event was a series of seminars conducted by the winning trophy teams from ANDC, LIK, LBT, GRIHA, G SEN, and MSL. During these sessions, the team leaders delved into the intricacies of their respective projects, providing a unique insight into the creative and technical processes involved. Delegates had the opportunity to engage with the teams, gaining invaluable knowledge and inspiration.

The NASA Open House 2023 at NIT Tiruchirappalli stands as a shining testament to the dedication, creativity, and innovative spirit of the students and faculty. This event not only celebrated past achievements but also sowed the seeds for future excellence in the field of architecture. As the department looks into the future, there is no doubt that they will continue to make remarkable strides in shaping the architectural landscape.

Karyashala workshop funded by SERB GOI inaugurated – "Current Trends and Future Aspects of Fuel Cell and Other Energy Storage Technologies"

The Department of Energy and Environment (DEE) organized a week-long Karyashala workshop from May 29 2023 entitled "Current Trends and Future Aspects of Fuel Cell and Other Energy Storage Technologies." The Karyashala workshop was made possible through sponsorship by SERB under the accelerate vigyan scheme. Dignitaries and experts from various fields graced the occasion, including the honourable chief guest, Dr Vasudevan S, Chief Scientist at CSRI-CECRI, the guest of honor, Dr. G A Pathanjali, Director of High Energy Batteries Pvt. Ltd., and Dr. Kumaresan, Director In-Charge of NIT Tiruchirappalli. Participants from different parts of the country were privileged to attend the workshop.

Dr. Vasudevan, the keynote speaker, shed light on the significance of green energy and hydrogen fuel cells. We also had the pleasure of listening to Dr G A Pathanjali, who provided insights into the industrial perspective of energy storage and emerging opportunities in the field. Dr. Kumaresan emphasized the importance of storage technologies in the context of green energy. The inaugural event was followed by a thought-provoking keynote lecture by the chief guest, leaving a lasting impact on the audience.

The coordination of the event and Karyashala workshop is undertaken by Dr. Aditya Kumar and Dr. D V Siva Krishna Rao, Assistant Professors at DEE. The workshop aimed to provide participants with comprehensive knowledge of fuel cell technologies, emphasizing both theoretical understanding and skill development. Eminent speakers from prestigious institutions shared their expertise and thoughts with the aspiring scientific community. As part of the event, the participants also had the opportunity to visit High Energy Batteries Pvt. Ltd., Tamil Nadu, India.

NITT CYCLE RALLY - WORLD BICYCLE DAY CELEBRATED

On the occasion of World Bicycle Day, NIT Tiruchirapalli organised a cycle rally to promote awareness on physical fitness and its importance. The event began with a Welcome note delivered by Mr Dalleykrishnan, the Students Activity and Sports Officer. Dr N Kumaresan, Dean (Faculty Welfare), then addressed the students, educating them on the importance of physical exercise and encouraging them to participate in various Sports Activities. The institute's students, Faculty members, and Staff members participated in the event. Dr N Kumaresan flagged off the rally.

SERB-sponsored Karyashala workshop on Hands-on Training on FPGA Architectures and Programming using Verilog HDL

The Hands-on Training on FPGA Architectures and Programming using Verilog HDL was a comprehensive workshop aimed at providing participants with the knowledge and skills required for implementing cutting-edge projects in various domains like VLSI, Embedded Systems, Computer Architecture, Communication, DSP, Control and Automation, and Biomedical. The workshop took place from June 5th to June 11th, 2023, and focused on the fundamentals of FPGA-based digital circuits and their architectures.

The workshop delved into the intricacies of writing Verilog code for synthesis and emphasized the importance of writing test-benches for verifying relatively complex digital systems. Participants learned how to effectively use Verilog HDL to design and simulate digital circuits. The hands-on training aspect of the workshop was facilitated through the use of FPGA boards. Participants gained an in-depth understanding of FPGA architectures and their applications in digital circuit design.

Sessions on combinational circuits, sequential circuits, and synchronous and asynchronous circuits using FPGA provided participants with practical insights into implementing these types of circuits on FPGA boards. State-of-the-art techniques for coding Finite State Machines (FSMs) were discussed, enabling participants to design more efficient and reliable digital systems.

The expected outcome of the workshop was to provide Ph.D. and M.Tech. students with exposure to advanced digital circuits and FPGA architectures. Participants gained insights into various architectures, state machines, and FPGA devices, enhancing their understanding of FPGA-based design methodologies. Overall, the Hands-on Training on FPGA Architectures and Programming using Verilog HDL provided a comprehensive learning experience for participants, combining theoretical knowledge with practical application.

TiHAN, IIT Hyderabad sponsored Five-day workshop on Advanced Driving Assistance, Monitoring Systems with Hands-on Training

The workshop on "Advanced Driving Assistance, Monitoring system with Hands-on training" was organized by the Department of CSE, NITT for five days from 5th to 9th June 2023 and it is sponsored by TiHAN, IIT Hyderabad under the skill development scheme. Dr. M. Sridevi, Associate professor, Dept. of CSE, NITT is the coordinator for the workshop. The workshop had theoretical sessions and hands on training handled by the experts from industry and reputed academic institutions. For each day, 4 sessions were conducted on the topics such as Need for Advanced Driving Assistant Systems (ADAS) & Driving Monitoring Systems (DMS); Sensors, calibrations and interfacing; Navigation systems; AI concepts for Automobiles; Cyber security and attacks; Real time case studies with hands on trainings to the participants.

This workshop provided insight to the participants on ADAS and DMS systems. Speakers from Italy, USA, Bahrain, Bangalore and Tamil Nadu participated in the event. The speakers were Dr. Sriram, Mr. Sundaram, Mr. Nitin, Mr. Abshiek, Mr. Shayam, Ms. Subashri and Ms. Bharathi from the industry and Ms. Siniraj, Dr. Murugesh and Dr. Sugithra from academic institutions, who delivered and handled the sessions in the workshop.

The workshop was inaugurated on 5th June 2023 at the Department of Computer Science & Engineering, National Institute of Technology, Tiruchirappalli. The chief guest for the event was Mr. Srinivasa Girish Ramachandruni, Hub Executive Officer, TiHAN, IIT Hyderabad.

The 30 total participants included students, research scholars and faculty members of different institutes all over India. Upon completing the workshop, they submitted an assignment on the topic "Collision Warming Detection using Raspberry Pi and sensors". The participants provided positive feedback about the course content and delivery.

Karyashala high-end workshop on Developments in additive manufacturing: biomedical, defense, space, construction, and aerospace applications

The SERB-sponsored One Week High-End Workshop on Hands-on Advancements (Developments) in Additive Manufacturing: Biomedical, Defence, Space, Construction and Aerospace Applications" was held between 05th-9th June 2023 in the Department of Production Engineering, National Institute of Tiruchirappalli (NITT).

Throughout the week, the participants were engaged in the world of Additive Manufacturing (AM) and its advancements, gaining valuable hands-on experience and in-depth knowledge of additive manufacturing, taxonomy of AM software's, printing of prototypes via polymer and metal 3D printers and advanced manufacturing facilities visit. Led by renowned professionals and industry experts, the workshop provided a comprehensive learning environment for all attendees.

The following specific topics were covered in the workshop:

- Engaging hands-on training sessions
- Deep dive into Additive manufacturing technologies and applications
- Extensive practice software's
- Design for additive manufacturing with respect to biomedical, aerospace, civil applications
- Real-world project implementations
- Materials selection
- Fabrication of prototypes via AM technologies
- Hands on Manuscript writing and rebuttal submission guidance
- Networking opportunities with experts

Second International Conference on Machine Learning, Deep Learning, and Computational Intelligence for Wireless Communication (MDCWC 2023)

The Second International Conference on Machine Learning, Deep Learning and Computational intelligence (MDCWC 2023), organized by Pattern recognition and Computational intelligence group, Department of Electronics and Communication Engineering, was successfully conducted between 22nd to 24th June 2023. Dr. E.S. Gopi, convener and conference chair, mentioned the extensive opportunities still available to raise the standard of wireless communication in terms of massive connectivity, capacity enhancement, ultra-high reliability, low latency using Machine learning (ML), Deep learning (DL) and Computational intelligence (CI) algorithms.

This conference acted as a platform to bring wireless research community and machine learning research community to submit their findings integrating ML, DL and CI for wireless communication. Dr. P. Maheswaran, Assistant professor was a coordinator of the event.

The presidential address was given by Dr. G. Aghila, Director, NIT, and Tiruchirappalli. The special address was given by Prof. M. Chidambaram, Education reformer, Retired professor form IIT Madras and former Director, NIT, Tiruchirappalli, who was the Guest of honor. The Proceedings of MDCWC2020 (Published by Springer) was released jointly by Prof. M. Chidambaram and Dr. G. Aghila.

Prof. Arumugam Nallnathan, Professor of Wireless Communications and the Founding Head of Communication Systems Research (CSR) Group in the School of Electronic Engineering and Computer Science at Queen Mary University of London (QMUL), and Dr. Jithin Jagannath, Founding Director of Marconi-Rosenblatt AI/ML Innovation lab, Adjuct Assistant professor from the Department of Electrical Engineering at the University at Buaffalo, were the Key note speakers. Four Invited talks were delivered: two on the wireless domain by eminent faculty members Dr. G. Swaminathan from IIT Indore and Dr.Prabhat kumar sharma from VNIT, Nagpur. The other two invited talks were delivered in the machine learning domain by Dr. Narayanan C Krishnan, Head, Department of Data Science, IIT Palakkad and Dr.Rahul Meshram, IIT Madras. The workshop was conducted by Chandhar research lab as part of the event. Prof S. Raghavan (Retired professor), Prof. P. Muthuchidambaranathan and Dr. G. Thavasi Raja were also felicitated during the inaugural session of the conference. There were 53 (accepted papers) out of 159 submitted papers presented by the authors during the conference.

SERB Sponsored VRITIKA Scheme

The SERB-sponsored one-month research internship on polymer and metal Additive Manufacturing" was held between 3rd-30th June, 2023 in the Department of Production Engineering, National Institute of Tiruchirappalli (NITT). The Internship provided a comprehensive learning environment for all attendees.

The following projects were carried out during the internship:

1. Design and development of unmanned air vehicle for organ transportation
2. Numerical modelling of laser surface melting
3. Design and development of concrete 3D printing
4. Topology optimization of knuckle joint
5. 3D printing of finger splints

One-week workshop on "Advanced Analytical Testing for Material Characterization", under the DST-STUTI scheme (DEE and SIF)

A workshop on 'Advanced Analytical Testing for Material Characterization' was organized by NIT Trichy in association with NIT Warangal (hub) under DST STUTI Scheme from 21st to 27th June 2023. The seven-day workshop under Synergistic Training program Utilizing the Scientific and Technological Infrastructure (STUTI) was jointly coordinated by Department of Energy and Environment (DEE) and Sophisticated Instrumentation Facility (SIF). The schedule was designed with the idea to build human resources and expand the technical knowledge of the participants through open access S&T across the country.

The welcome address was delivered by Dr. Ruben Sudhakar D., Associate Prof. & Head, Department of Energy and Environment and the inaugural address by Dr. Sanjeev Kumar Shrivastava, National Coordinator, I-Stem, in the presence of the Director, Dr. G. Aghila, Dean RC, Chairperson SIF, Principal Technical officer Dr. T. K. Sai of NIT Warangal (Hub) and the Scientific Officer-SIF, Dr. Roobala.

Throughout the course of the workshop, the participants gained knowledge on fundamentals and applications of several sophisticated analytical instruments through a series of theoretical lectures and practical hands-on sessions. Participants were thus exposed to comprehensive learning experience by theory sessions by eminent expert speakers and hands-on sessions by scholars and technical staff experienced in the field of various characterization techniques such as Differential Scanning Calorimeter (DSC), CHNSO analyzer, Bomb Calorimetry, Contact angle measurement, thermal conductivity techniques, Hyphenated thermogravimetric-infrared (TG-IR) and other spectroscopy techniques. The program was a resolute success with very positive feedback from all the participants.

One-week Self-sponsored National workshop on Machine Learning and Data Science – Techniques and Trends"

The Department of Computer Science and Engineering organized a self-sponsored one-week National Workshop on "Machine Learning and Data Science: Techniques and Trends" from 26th-30th June, 2023. The workshop was inaugurated by the Director of NIT Tiruchirappalli Dr. G. Aghila and Dr. S. Mary Saira Bhanu, Head, Computer Science and Engineering Department, also graced the occasion with her presence.

This workshop attracted over 120 participants from various parts of the country including students, faculty and Industry personnel, among them 5 participants just completed their higher secondary education. The sessions of the workshop were handled by reputed resource persons from IITs, NITs, IIITs and the Industry.

Dr C. Oswald of NITT handled the first session by elaborating on why Machine Learning has become a buzzword, with practical demonstrations. The next two sessions were by Dr. J. Pavan Kumar of NITT on the mathematical foundations of Data Science and Python programming fundamentals. Dr. Srilatha Chebrolu, NIT Andhra Pradesh, elaborated on Data Preprocessing techniques at the final session on that day. Mr. Sudarsun Santhiappan, Chief Scientific Officer, handled the sessions on Day-2 and Day-3 on Buddi AI spanning across Feature Engineering, Classification, Clustering, Clinical Language Processing use cases, Mathematical modelling of real-world problems, Evaluation metrics, Neural Networks, Ensemble methods and Class Imbalance Training, etc. The sessions emphasized on practical experience, providing the participants exposure towards basic implementation in Python.

On Day-4, Dr. Sivaselvan, IIITD&M Kancheepuram, described about Data Science towards an AI perspective. Dr. Chandresh Kumar Maurya, IIT Indore, gave a talk on "Automatic Speech Recognition" using Deep Learning. Prof. R B V Subramaanyam, NIT Warangal, motivated the participants towards Big Data and MapReduce techniques. On Day-5, Dr. M. Sridevi delivered a session on Introduction to Deep Learning and its real-world applications. Prof. Arnab Bhattacharya, IIT Kanpur, detailed about the motivation towards "Generative Adversarial Networks". Dr. U. Srinivasulu Reddy elaborated various Machine Learning applications in real-world. On the final day, Dr C. Oswald, NITT provided a brief motivation and introduction to Reinforcement Learning.

Student volunteers of our Institute from various departments, including Ms. Sreenidhi N, Isai Visaahan P M, Karthik Balaji N V, Kirthik B, Nisha Preethika S, Piyush Sonekar and D S Prabhakaran, contributed enormously in coordinating for different activities of the workshop. During the valedictory event, the participants have acknowledged gaining of vast knowledge from the workshop and also for a comfortable stay. Prof. S. Mary Saira Bhanu, Head, CSE Department delivered closing remarks and distributed the certificates to all the participants and student volunteers.

One Week FDP on "Trends and Challenges in EV Drive Train Design and Control", under AICTE − Margadarshan and organized by the Dept. of EEE, NIT Tiruchirappalli

A One-week Faculty development program on "Trends and Challenges in EV Drive Train Design and Control" was organized by the Department of Electrical and Electronics Engineering from 19th to 23rd June 2023, NIT, Trichy. Mr. Niranjan Jeyapandian (Director, E – Mobility Cloud Car Practice, Wipro, Bangaluru) inaugurated the session and delivered a talk on various market challenges and trends in the EV market throughout world.

The Faculty Development Program aimed to meet the increasing need for expertise in electric vehicle drive train design and control. With the worldwide transition towards sustainable transportation, educators must keep current on the newest trends, problems, and innovations in this industry. This program attempted to provide faculty members with a comprehensive platform to improve their understanding and expertise in EV drive train design and control, supporting innovation and quality in electric vehicle education.

The program received generous support from AICTE – Margadarshan and sponsorship from leading organizations in the field, including Elmac Engineering Services, Keysight Technologies, HOIKI, OPAL-RT Technologies, and Entuple Technologies. 55 participants registered for the FDP; among them 30 were faculty, 10 were research scholars, and 15 participants were PG and UG students from various colleges and Universities.

The sessions included lectures by Industry persons, faculty of IITs and NITs, followed by interesting demonstrations of EV test equipment offered by world-leading companies like KEYSIGHT, OPAL-RT and Entuple technologies. Hands-on training for popular Drive controls, such as BLDC, PMSM and INDUCTION MOTOR, were also provided. Finally, a two-hour live demonstration of a BLDC motor control for Electric two-wheelers developed in house was offered.

Seven-day SERB-sponsored Karyashala (high-end workshop) on "Modelling of energy efficient waveforms and systems for B5G communications"

The "Modelling of Energy Efficient Waveforms and Systems for B5G Communications" workshop was a pivotal gathering that brought together experts, researchers, and professionals in the realm of wireless communications. This workshop served as an indispensable platform for the exploration of cutting-edge research achievements and the dissemination of practical knowledge relevant to the design and implementation of radio waveforms for future-generation wireless communication networks. One of the foremost objectives of this workshop was to shed light on the latest research accomplishments within the wireless communication sphere. As technology relentlessly propels us towards the era of B5G (Beyond 5G) and beyond, it was essential to remain attuned to pioneering approaches, innovative technologies, and strategies that had the potential to revolutionize the design and deployment of wireless networks. The workshop provided a dedicated platform for showcasing these advancements, fostering an atmosphere of collaboration and knowledge sharing among the participants.

The course content of the workshop was meticulously curated to address the most pressing challenges and opportunities within the realm of B5G communications and beyond: Intelligent Reflecting Surfaces for B5G Communications: This topic dived into the utilization of intelligent reflecting surfaces (IRS) as a transformative technology for B5G communications. IRS leveraged reconfigurable passive elements to exert precise control over signal propagation, resulting in expanded coverage, improved communication quality, and enhanced network performance. Participants were provided with a deep understanding of the theory and practical applications of IRS, equipping them with the knowledge to harness this technology's potential in future wireless networks.

Frequency Diversity Schemes in OFDM-based Index Modulation (IM): OFDM-based systems had long been a cornerstone of wireless communication. In this topic, attendees explored the ingenious application of frequency diversity schemes within the framework of OFDM-based Index Modulation (IM). This approach held the promise of enhancing spectral efficiency and fortifying the reliability of communication systems, thus aligning with the overarching goal of elevating communication performance.

Intelligent Reflecting Surface Assisted Orthogonal Time Frequency Space Modulation (OTFS): Orthogonal Time Frequency Space Modulation (OTFS) is a new modulation technique poised to deliver exceptional performance in challenging wireless environments. The workshop dedicated a few talks to elucidate how the integration of intelligent reflecting surfaces could augment OTFS, thereby further elevating the quality of wireless communication. Through theoretical insights and practical applications, participants gained a profound understanding of this synergy.

OTFS-based Non-Orthogonal Multiple Access (NOMA) Techniques: Non-Orthogonal Multiple Access (NOMA) is a pivotal component of future wireless networks, facilitating efficient resource allocation and multi-user access. This workshop topic explored how OTFS could be seamlessly integrated into NOMA techniques, unlocking novel opportunities for resource optimization and enhanced multi-user communication in the B5G and beyond landscape.

Rate Splitting Multiple Access (RSMA): RSMA, a cutting-edge multiple access scheme. RSMA offers the potential for resource allocation efficiency, particularly in scenarios involving multiple users. Workshop attendees embarked on a comprehensive exploration of RSMA, delving into its underlying principles and practical applications within energy-efficient communication systems.

Full Duplex Communication: Full duplex communication, which enables simultaneous transmission and reception on the same frequency channel, holds immense promise for future wireless networks. This course scrutinized the intricacies of full duplex communication, addressing its principles, challenges, and potential benefits, with a view to harnessing this technology for the betterment of B5G and beyond.

Hybrid Beamforming: Beamforming is an indispensable technology for enhancing signal quality and coverage in wireless networks. The workshop's course on hybrid beam forming techniques explored the fusion of digital and analog beamforming, combining their respective strengths to optimize performance in practical scenarios.

In summary, the "Modelling of Energy Efficient Waveforms and Systems for B5G Communications" workshop offered an invaluable forum for researchers and professionals to immerse themselves in the rapidly evolving field of wireless communications. Its multifaceted objectives, encompassing the presentation of cutting-edge research, the simplification of physical layer complexity, the enhancement of communication performance, and the stimulation of knowledge exchange, resonated with the ever-increasing demands of B5G and future-generation wireless networks.

Five-day national workshop on "Introduction to Computational Social Science with Python"

The department of Computer Science & Engineering, NIT Tiruchirappalli organized a five-day national workshop on "Introduction to Computational Social Science with Python" (under self-sponsored category). The event was conducted from 10th July 2023 to 14th July 2023, organized and coordinated by Dr. Madhukrishna Priyadarsini and Dr. S. Usha Kiruthika, Assistant Professors, Department of Computer Science & Engineering, NIT Tiruchirappalli.

The theme of the workshop was finding solutions to social science problems using computer science domain knowledge, especially using programming language Python. The workshop was open for students (UG, PG, PhD), academicians, and industry personnels. From across India, 110 participants registered and took part in the workshop. The speakers of the workshop were eminent academicians from IITs, NITs, IIITs, ICMR, Central Universities, as well as from the industry.

The Day-1 forenoon session-1 was on "Introduction to Computational Social Science (CSS)" by Prof. P. Venkatesan, ICMR retired scientist-F, Chennai, India. The forenoon session-2 was on "Introduction to Python Programming in the Context of CSS" handled by Dr. Madhukrishna Priyadarsini, Assistant Professor, department of CSE, NIT Tiruchirappalli. The afternoon session was on "Setting up your workflow (problem solving using Python, Scikit) - A hands-on approach" by Ms. Dhivya and Ms. Maruti, research scholars, department of CSE, NIT Trichy.

The Day-2 forenoon session-1 was on "Introduction to ML and DL in the context of CSS" by Dr. Padmalochan Bera, Associate professor, Department of CSE, IIT Bhubaneswar. The forenoon session-2 was on "Introduction to data framing techniques" by Dr. S. Usha Kiruthika, Assistant Professor, department of CSE, NIT Tiruchirappalli. The afternoon session was on "Pandas and Scikit-Learn - A hands-on approach" by Dr. C. Oswald, Assistant Professor, department of CSE, NIT Tiruchirappalli.

The Day-3 forenoon session-1 was on "An insight towards data visualisation techniques" by Dr. M. Brindha, Associate professor, Department of CSE, NIT Trichy. The forenoon session-2 was on "Introduction to NLP in the context of CSS" by Dr. K. Nandhini, Assistant Professor, department of CSE, Central University, Tamilnadu. The afternoon session was on "Text analysis with nltk- A hands-on approach" by Dr. Dr. K. Nandhini, Assistant Professor, department of CSE, Central University, Tamilnadu.

The Day-4 consisted of forenoon and afternoon sessions on the theory and Hands-On in "Network Analysis" by Dr. Srinivas, Senior AI Engineer, Centific, Hyderabad. The Day-5 forenoon session-1 was on "Social Network Analysis" by Dr. E. Sivasankar, Associate professor, Department of CSE, NIT Trichy followed by forenoon session-2 on "Solving Case Studies" by Dr. Madhukrishna Priyadarsini and Dr. S. Usha Kiruthika, Assistant Professors, Department of CSE, NIT Tiruchirappalli.

Towards the end of the event, a final afternoon session on Day 5 was open for Q&A and feedback, followed by a Quiz session on the topics covered in Python, ML, DL, NLP, Social Science problems. The event concluded with a valedictory function. The participants and volunteers were provided with certificates of participation.

Faculty Development Programme in Children's Literature: Reading, Writing and Publishing

The Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirappalli organised a One-week Online Faculty Development Programme titled Children's Literature: Reading, Writing and Publishing from 17th July 2023 to 22nd July 2023. Eminent authors, publishers and academics provided training for the participants. The program's demographics highlight the inclusivity and broad outreach we aimed for, ranging from kids to students, authors to professors, all coming together with one common goal – to enhance their knowledge of Children's Literature. 383 participants from various parts of India were the beneficiaries of this programme.
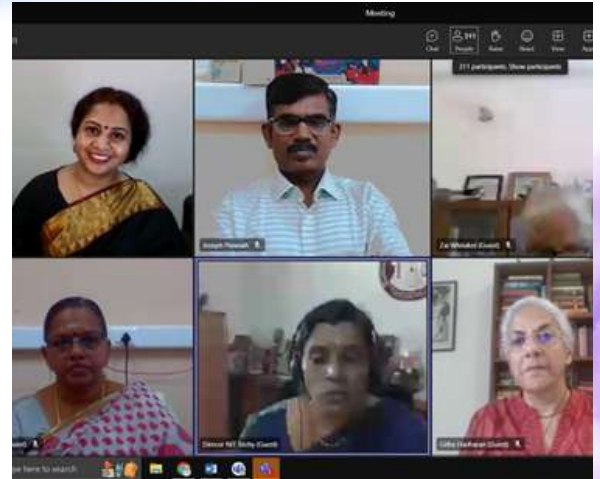
Dr. G.Aghila, the Director of the institute, inaugurated the programme on 17th July. The programme convenor Dr. V.K. Karthika offered the welcome address and the co-convenor Dr. R. Joseph Ponniah delivered the concept note. The renowned author and literary critic Githa Hariharan in her introductory remarks delivered her thoughts on the social construct of childhood and how it has been perceived throughout history and across different cultures. In the following session, the famous story teller Ms. Deepa Kiran highlighted the value of oral tradition, which has an infinite reach compared to printed works. Dr. Amit Ranjan, Author and Faculty, NCERT, Delhi, in his session focused on considering the child as an active and intelligent receptor, always on the quest for more. Dr. Ranjan said that, where indoctrination and stereotypes enter, the child becomes a victim to the dangers of the modern world.

The eminent author and voice actor Shobha Tharoor Srinivasan elaborated that music, rhyme, and repetition are important elements that capture children's attention. The renowned author and translator Sangeetha Srinivasan shared insights into her translation experience with respect to Astrid Lindgren and talked about various challenges faced while translating for children. Author Nandini Nayar discussed how modern publishing houses are dedicated to producing books that promote empathy and foster social-emotional learning in children. The publishing director and co-founder of Karadi Tales, Shobha Viswanath threw light on the importance of networking and building relationships in the publishing industry. She, with ample examples, explained how to prepare your manuscript for submission, including how to format your manuscript, how to write a synopsis, and how to create a compelling author bio and query letters, how to connect with publishers and agents, and how to make a good impression when pitching the manuscript.

Renowned author Ms. Paro Anand spoke about how she does not subscribe to age grouping and finds it intriguing to write for young adults. Famous author Khyrunnisa A. then led the participants through the mind of a writer who yearn to create characters that are funny and pleasantly clumsy. Tamil Nadu Text Book and Educational Services Corporation's Coordinating (TNTB&ESC) Editor Mini Krishnan highlighted that the decision-making power lies with adults, leaving children with no say in their reading choices. Radhika Menon, the leading publishing director and founder of Tulika Books highlighted the importance of illustrations in children's books and discussed how picture books serve as a tool for navigating a multicultural and multilingual society.

The final days' sessions were handled by the renowned author and environmental activist Zai Whitekar. Siting examples from her own journey into environmental writing initiated by her uncle Salim Ali, she talked about introducing environmental writing to children. To provide research insights into children's writing, Dr. Priyanka Tripathi, the former Head of the Department of Humanities and Social Sciences Department, IIT Patna, talked about the marginalised representations of childhood in children's literature. The programme concluded with the participants' feedback on the programme who reported their sheer academic delight in being a part of the programme.

Five-Day Online Workshop on Academic Writing & Publishing jointly organized by the HSS Departments of NIT Trichy and IIST Thiruvananthapuram

The Department of Humanities and Social Sciences, NIT Tiruchirappalli and the Department of Humanities, IIST Thiruvananthapuram jointly organized a 'Five-Day Online International Workshop on Academic Writing and Publishing' from July 24 to 28. The workshop was organized with the objective to provide hands on training on research writing and familiarise publication opportunities to early career researchers involving young faculty members, PhD candidates, PG students, as well as research assistants who do not have a doctoral degree in hand. It was coordinated jointly by Dr Anu Kuriakose, Assistant Professor at NIT Trichy and Dr Gigy J. Alex, Associate Professor at IIST Thiruvananthapuram.

On 24th July, the workshop was inaugurated by Dr Shaijumon C.S, Associate Professor & the Head of the Department of Humanities at IIST, and he stressed on the necessity in getting expert training for the smooth conducting of the research in his inaugural address. 'Research documentation is also as important as the process of research, as through publishing in a reputed refereed and indexed journal, one's research gets wider readership and impact,' he added. While Dr Anu Kuriakose welcomed the participants and presented the concept note on the workshop, Dr Gigy J Alex reiterated the joy in jointly organizing the workshop when she proposed the vote of thanks.

During the Five-Day workshop, 10 live sessions including the activity sessions were conducted through MS Teams video conference application. Experts from international and national academia delivered lectures on 'demystifying academic writing' (Dr John Thomas, IIT Guwahati), 'creating knowledge and impact through research' (Dr Hephzibah Israel, Edinburgh University, UK), 'embracing diversity and Inclusionary practices in research writing (Dr Sharada Devi V.), 'using reference management software' (V Sriram, CDS Thiruvananthapuram), 'writing a fellowship application' (Dr Aparna Easwaran, MG University Kottayam), 'ethnographic research documentation' (Dr VK Aswathy, Lovely Professional University, Punjab), 'applying for PhD positions in the US & UK (Shilpa Parthan, Illinois State University, Chicago), 'writing and responding to peer reviews in journals' (Dr Anil Gopi, MG University Kottayam), and 'using scientometric tools in academic writing and publishing' (Dr Ramnath Reghunadhan, Christ University, Bengaluru).

Dr Babitha Justin (IIST Thiruvananthapuram) handled the live activity session along with Dr Gigy J Alex and Dr Anu Kuriakose. The participants shared their concerns and the challenges they faced in their research and Dr Babitha motivated the participants to establish networks with peers in the interactive session. Other than the live sessions, the participants were also provided with certain other recorded thematic lectures by certain international experts from publishing industry which included 'writing grants applications' by William Gauld (Leeds University), 'data management in grants applications' by Michael T Heinse (Highlands Institute, Nagaland), and publishing journal articles by John Zavos (Retd. Professor of Manchester University, UK & the Editor, Taylor& Francis Group Journal) and other printed resource materials through the learning management system (LMS).

The workshop was attended by PG students, PhD candidates, and faculty members from premier institutions from India & the UAE. Though the workshop was focussed on research writing and publishing in Humanities and Social Sciences disciplines, a few scholars from the sciences also actively participated and expressed their desire to attend a future event on technical writing for science and technology researchers. The workshop concluded on the 28th with a proposal for a book project that would offer a potential platform for selected competitive abstracts for which the theme will be announced by the organizing team.

Report on the Half-Day Workshop: Resilient Minds: Fostering Emotional Well-being among Faculty Members"

The "Counselling and Guidance Cell" of the Institute, under the aegis of the Office of the Dean (Students' Welfare), organized a half day workshop titled, "Resilient Minds: Fostering Emotional Well-being among Faculty Members" on 25th July 2023 (Tuesday) from 2:00 pm to 5:00 pm. Dr. J. Florence Shalini, Clinical Social Work specialist and Assistant Professor (Social Work), Bishop Heber College, Trichy was the resource person. The topics addressed included work-life balance, stress management, effective communication with the students, inter alia. The session was activity oriented and witnessed participation from approximately 100 faculty members.

LIBRARIAN'S DAY SEMINAR ON INFORMATION LITERACY OF IEEE LITERATURE IN THE DIGITAL ERA

The Central Library conducted a "Librarian's Day seminar on Information Literacy of IEEE Literature in the Digital Era" on 09.08.2023 at the Conference Hall No: 308, Central Library, NIT Trichy. The inauguration of the seminar was attended by the Chief Patron Dr. (Prof.) G. Aghila, (Director, NITT), and the Patron, Dr. (Prof.) S. Kumaran-Prof./MME, (Chairman, Library Advisory Committee (LAC), the Coordinator Dr. S. Siva Chidambaram, (Librarian), Library staff, Faculty members, Research scholars, and students.

The Director gave the inaugural speech on "Libraries in the Digital era," Touching on the necessity of E-Resource Subscription. She also conferred the Library Awards on the Best Library User, Ms. Madhumitha A V (ECE, Batch 2020-24), and the Best Library Staff, Mrs. M. Rangayee (Attendant), for maintaining the cleanliness of library, Mr. S. Arokiaraj (Jr. Assistant), for the shelving and archiving of books, and Mr. Sreekumar S (Library and Information Assistant), for the implementation ICT in Library services.

After the inauguration, the Librarian Delivered a speech on the importance of information Literacy in an electronic era, highlighting the Father of Library Science, Padma Shri Dr. S. R. Ranganathan's Five Laws of Library Science. In the technical session, Dr. Dhanu Pattanashetti (Senior Client Services, Manager, IEEE, Bangalore) delivered the live topic on "Writing Quality Technical Papers for IEEE." He demonstrated discovering new projects/research ideas, tracking the technology trends, retrieving the right set of articles from millions of papers, organizing articles, the mindset of the reviewers, and getting your paper published without rejections.

Mr. Christy John (Business Manager – Tamil Nadu & Kerala, EBSCO Information Services) described the "Open Science Initiatives and eLearning course offerings from IEEE" in his second session. He also explained the usefulness of "IEEE Course: English for Technical Professionals," subscribed by the NIT Tiruchirappalli.

The Librarian concluded the session by delivering a vote of thanks to the speakers, staff, and all the students who participated in the seminar and provided certificates to all participants.

Mr Ravishankar Rajagopalan, CEO, AUGURAI (Trichy), addressed the gathering on AI inspection system for Industrial applications

Mr Ravishankar Rajagopalan, CEO, AUGURAI, Trichy addressed the gathering on AI-based inspection systems for Industrial applications.

The Dept. of Instrumentation and Control Engineering (ICE), jointly with the student's chapter of the International Society of Automation (ISA), organised a guest lecture on 22 Sep 2023. Dr. N Sivakumaran, Professor, Dept of ICE, welcomed the gathering and Ms. Sai Lakshmi, student coordinator, introduced the guests. Dr Dhanalakshmi, HoD, ICE, presented an institute memento to Mr. Ravishankar.

Mr. Ravishankar delivered a talk on "Understanding the Role of Visual Inspection in Industry 4.0." His address covered various vision system components including Optics, Automation, AI and Robotics. He spoke at length about the need for vision systems and its importance in Industry 4.0. He shared several industry use cases for Visual Inspection with students and responded to their questions.

Department of Chemistry, NIT Trichy Hosts a National Conference on "Transcending Frontiers in Chemical Sciences"

The Department of Chemistry at the National Institute of Technology (NIT) Tiruchirappalli organized a conference on "Transcending Frontiers in Chemical Sciences -2023", held on August 11th and 12th, 2023. Dr. V M Biju, (Head, Chemistry) and Dr. Ganesh Chandra Nandi (Asst Prof. / Chemistry) led the conference as conveners. The conference aimed to foster collaboration, innovation, and knowledge exchange in the field of Chemistry.

The conference was designed to provide a robust platform for researchers from academic and research institutions to share and enhance their ideas across various realms of Chemistry. The event featured a diverse array of presentations, including lectures, oral talks, and poster displays, attracting participation from renowned chemists and students from different parts of the country. The conference encouraged effective collaborations among participants to achieve broad scientific and socio-economic goals. Additionally, the organizers envisioned the conference as a catalyst for collaboration between academic institutions and industries.

The inauguration of the conference witnessed distinguished personalities gracing the occasion. Dr V M Biju, (Convener and HOD, Chemistry) welcomed all participants to the conference. Dr. G Aghila, Director of NIT Trichy, inaugurated the event, setting the stage for two days of enriching discussions and intellectual interactions. Prof. S. Chandrasekaran, INSA Distinguished Professor from the Department of Organic Chemistry at the Indian Institute of Science, Bangalore, delivered an enlightening talk on "Chemistry for Sustainable Development in the 21st Century."

Prof. Tushar Kanti Chakraborty, FNA, FASc, FNASc Professor from the Department of Organic Chemistry, Indian Institute of Science, Bangalore, elucidated "Radical Cyclization as a Key Step in the Synthesis of Terpenoid Natural Products.

The conference featured a diverse range of presentations, totalling 3 plenary lectures, 9 invited talks, 26 oral presentations, and an impressive 116 poster presentations. Prof. A. Ajayaghosh, J.C. Bose National Fellow and AcSIR Honorary Professor from the National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, offered insights into "Photoinduced Diels-Alder Cycloaddition in Supramolecular Conditions."

Invited lectures by luminaries like Prof. Kana M. Sureshan (IISER-TVM), Prof. Hosahudya N. Gopi (IISER-Pune), Prof. Akhila K. Sahoo (Univ of Hyderabad), Dr. Sudipta Roy (IISER-Tirupati), Dr. Dhirendra Kumar Rai (IIT-Indore), Dr. Shibdas Banerjee (IISER-Tirupati), Dr. Biplab Maji (IISER-Kolkata) and Dr. Ajay Venugopal (IISER-TVM) further enriched the conference.

The conference concluded on an inspiring note with a closing lecture by Prof. K V Radhakrishnan, Chief Scientist & Head at CSTD, CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST), Thiruvananthapuram. His talk, titled "Harmonizing Ancient Wisdom with Modern Science: Unveiling Indian Traditional Knowledge for a Healthy India," left attendees with a sense of unity between traditional wisdom and modern scientific advancements.

The conference was sponsored by various government agencies (DST-SERB, CSIR, INSA), as well as private agencies (Royal Society of Chemistry, Tokyo Chemical Industry)

NIT-T Professor honored with "Er. P V K ACHAN MEMORIAL IEI TLC LEGEND AWARD – 2023

Dr N Sivakumaran, Professor, Department of Instrumentation and Control Engg., and Head of the Department, Computer Support Group, NIT-Trichy has been awarded "Er. P V K ACHAN MEMORIAL IEI TLC LEGEND AWARD - 2023" by The Institution of Engineers (India), Tiruchirappalli Local Centre (TLC), BHEL campus, Trichy, towards his successful contribution in Academic, Research, Industry Institute collaborations, Social outreach activities and significant contribution made towards the growth and development of IEI TLC.

The Award is in recognition of the yeomen services of individuals for IEI TLC and for the Engineering Fraternity. The award was presented by Er. Balasubramanian, Chairman, IEI TLC along with Dr Kevin Ark Kumar, Hon. Secretary, Dr.S.Karuppasamy, TN State member and Dr S Dharmalingam, National Council Member, IEI.

On the eve of the celebration of "Royal Charter Day," Er A Jothivelu Sub- Divisional Engineer, BSNL, Tiruchirappalli Tamil Nadu, delivered a technical lecture on "Drive Tests in Telecom and Long Term Evolution (LTE)."

Royal Society Fellowship awarded to Dr. R. Karvembu

Dr. R. Karvembu, Professor in the Department of Chemistry, National Institute of Technology, Tiruchirappalli (NIT-T), has been admitted as a Fellow of the prestigious Royal Society of Chemistry (RSC), United Kingdom for his contributions in the fields of organometallic chemistry, catalysis and bioinorganic chemistry.

He has made significant contributions in both basic and applied fields. His research group observed new coordination modes for some important ligands, which led to many other investigations in basic coordination chemistry.

Many effective catalytic systems have been developed for industrially important oxidation, (asymmetric) reduction, hydrogen transfer, alkylation and coupling reactions. His investigations in sustainable catalysis provided processes for the conversion of waste biomass to valuable products. Transition metal complexes which have excellent anticancer activity and less toxicity to normal cells have been reported by his group. Extensive structure-activity relationships have been studied particularly with respect to ruthenium organometallic compounds, which will be useful for the design of effective anticancer drugs. Dr. G. Aghila, Director, NIT-T, congratulated Dr. R. Karvembu and handed over the certificate to him.

RESEARCH AND CONSULTANCY

Projects

- Dr. R. Senthilkumar, Department of Civil Engineering, has been granted Rs. 2033900 by the SERB for a period of 36 months for the project: Emerging Alternative Construction Technology for the Affordable Lightweight Housing in Seismic prone areas.
- Dr. Debashis Majhi, Department of Chemistry, has been granted Rs. 11000000 by the DST for a period of 60 months for the Inspire Faculty Fellowship.
- Dr. K. N. Sheeba, Department of Chemical Engineering, has been granted Rs. 676315 by ICAR NASF for a period of 24 months for the project: Development of smart foods, bio-composites, green packaging and bio-energy from agro-residues.
- Dr. Arthanareeswaran, Department of Chemical Engineering, has been granted Rs. 1513680 by DST/PFMS for a period of 24 months for the project: Fabrication of multibore hollow fiber ultrafiltration and nanofiltration membranes enabled by nanostructured nanomaterials for water treatment.

Memoranda of Understanding (MoU)

- A Memorandum of Understanding (MoU) was signed on 19th July 2023, between the Director, NIT Tiruchirappalli, and the Sr. Director, Datanetiix Solutions India Pvt Ltd, Chennai, for a duration of 3 years under the aegis of the Dean R&C, NIT Tiruchirappalli.

Consultancy

- Dr. B. Senthilarasu, Professor, Department of Management Studies, received Rs. 37760 as consultancy charges towards coaching a batch of executives on YMP for BHEL Trichy on 20th, 21st and 22nd June 2023.
- Dr. D. Deendayal, Associate Professor, Department of Civil Engineering, received Rs. 70800 as consultancy charges towards Geotechnical Investigation to construct a marriage hall in Arulmigu Vittoba Temple and mandapam at Arulmigu Maariamman Temple, Puthukottai Taluk, Pudukottai District.
- Dr. D. Deendayal, Associate Professor, Department of Civil Engineering, received Rs.42480 as consultancy charges towards Geotechnical Investigation to construct a marriage hall in Arulmigu Veerakaaliamman Temple, Perambur, Kulathur Taluk, Pudukottai District.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 118000 as consultancy charges towards Geotechnical Investigation and Foundation Recommendation for the construction of the New ATC Tower Cum Technical Block & Utility/Service Block at Trichy Airport for Meraki Structure, Coimbatore.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 23600 as consultancy charges towards testing soil samples for Sri Pavithra Construction, Kallakkurichi.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 118000 as consultancy charges towards Soil Investigation Laboratory Testing for HDD Method of Pipe Installation for IRM Energy Limited, Ariyamangalam, Trichy.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 100300 as consultancy charges towards proof checking of the Retaining wall Design for a two-lane road at RHS of Madurai-Thirupparankundram Road (SHU 101), which runs over the Thenkal Tank Bund near LC 370 at KM for the Madurai (H) Projects Division.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 17700 as consultancy charges towards testing soil samples for supplying earth to landfilling and road work samples collected from Agaram Village, Thiruverumbur Taluk, Trichy District.

- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 7080 as consultancy charges towards testing soil samples collected from an open storage yard for site grading works of the 9MMTPA CBR Project, Nagappattinam, for V. R. Earth Movers & Construction Pvt Ltd, Chennai.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs.30680 as consultancy charges towards testing soil samples collected from Vizhal Yeri and Parthuputhur for upgrading Kanchipuram-Arakkonam-Thiruthani Road Section of SH-II for RPP-DHANYA(JV), Erode district.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs.23600 as consultancy charges towards testing soil samples for supplying earth to landfilling and road work samples collected from Cantonment, Alexandria Road, Tiruchirappalli City Corporation, Tiruchirappalli West Taluk, Tiruchirappalli District for GMS Elegant Builders India Pvt., Erode.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs.23600 as consultancy charges towards vetting the design and drawings of reinforced earth walls for VUP for AEC PROMAG Consultancy Pvt Ltd., Bangalore.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 47200 as consultancy charges towards testing soil samples for supplying earth to landfilling and road work samples collected from Sembanoor village, Karaikudi Taluk, Sivagangai District.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 250160 as consultancy charges towards testing soil samples to determine the slot size for radial arms of collector well at river Coleroon near Thiruchenampoondi village, Thanjavur for VR Water Infra Company, Tirupur.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 446040 as consultancy charges towards Geotechnical Investigation and Foundation Recommendation for the proposed reconstructions of the bridge across Vettar at Km 0/2 of Nagathi-Umayaval Arcadu Road, Thanjavur (H) Sub Division and Thanjavur (H) Division for NABARD, Thanjavur.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 743400 as consultancy charges towards Geotechnical Investigation and Foundation Recommendation for the proposed reconstruction of a bridge across Mudhalaimuthu Vaari at Km 1/6 of Melapalliyeri Road, Thanjavur (H) Sub Division and Thanjavur (H) Division for NABARD, Thanjavur.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 594720 as consultancy charges towards Geotechnical Investigation and Foundation Recommendation for the proposed Reconstruction of the bridge across Arasalaru at KM 0/4 of Darasuram-Annalakraharam Road, Kumbakonam (H) Sub Division and Thanjavur (H) Division for NABARD, Thanjavur.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 594720 as consultancy charges towards Geotechnical Investigation and Foundation Recommendation for the proposed construction of a bridge across Palavar at Km 5/4 of Neikuppai-Thirumangaichery Road, Kumbakonam (H) Sub Division and Thanjavur (H) Division for NABARD, Thanjavur.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 17700 as consultancy charges towards testing soil samples for supplying earth to landfilling and road work samples collected from Agaram Village, Thiruvermbur Taluk, Trichy District.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 118000 as consultancy charges towards Site Inspection and Report Preparation for RE Wall Construction (Constructed in 2010) related issues raised by NHAI Trichy Padalur Tollways Pvt Ltd.
- Dr. K. Muthukkumaran, Professor, Department of Civil Engineering, received Rs. 383500 as consultancy charges towards inspection and quality check at Cauvery Old Bridge RHS (Padalur-Trichy section of NH45-Package VI-C for Trichy Padalur Tollways Private Limited.

- Dr. M. Bhaskar, Professor, Department of ECE, received Rs. 2360 as consultancy charges towards testing the Parametric Analyzer for SIMSUPA Electronics Private Limited, Thiruverumbur, Trichy.
- Dr. M. Umapathy, Professor, Department of ICE, received Rs. 23533 as consultancy charges towards the Thermogravimetric Analyser(TGA) testing charges 1. 49 minutes/sample (25-1000 degCat 20degC/min) for Co2 Research & Green Technologies Centre, Vellore Institute of Technology.
- Dr. M. Umapathy, Professor, Department of ICE, received Rs. 19508 as consultancy charges towards the Thermogravimetric Analyser(TGA) testing charges 48.75 minutes/sample (25-1000degC at 20degC/ MIN) for Co2 Research & Green Technologies Centre, Vellore Institute of Technology.
- Dr. M. Umapathy, Professor, Department of ICE, received Rs. 10926 as consultancy charges towards the Thermogravimetric Analyser(TGA) testing charges 48.75 minutes/sample (25-1000degC at 20degC/ MIN) for Co2 Research & Green Technologies Centre, Vellore Institute of Technology.
- Dr. N. Ramesh Babu, Professor, MME Department, received Rs. 5000 as consultancy charges towards the FESEM Testing for ZF Rane Automotive India Private Limited, Trichy.
- Dr. N. Ramesh Babu, Professor, MME Department, received Rs. 21000 as consultancy charges towards Flexural Test - 3 Point Bend (Static) for ZF Wind Power Coimbatore Private Ltd., Coimbatore.
- Dr. N. Sivashanmugam, Associate Professor, Department of Mechanical Engineering, received Rs. 4853 as consultancy charges towards Wire EDM - Profile Cutting for Sree Engineering, Mathur, Trichy.
- Dr. N. Sivashanmugam, Associate Professor, Department of Mechanical Engineering, received Rs. 15340 as consultancy charges towards the Compression Test - 12-inch core plugs for Tamil Nadu Newsprint and Papers Limited, Manapparai Taluk, Trichy.
- Dr. N. Sivashanmugam, Associate Professor, Department of Mechanical Engineering, received Rs. 19175 as consultancy charges towards Compression Test - 3 and 6 inches core plugs for Tamil Nadu Newsprint and Papers Limited, Manapparai Taluk, Trichy.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 1000 as consultancy charges towards Soil Testing (Gradation, Shear Strength) and Rock Testing (UCS Test) for Cochin Geotechnical Laboratory, Vyttila, Kerala.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 201072 as consultancy charges towards soil and rock investigation for Nagesh Consultants, Bangalore.
- Dr. Jeevan Joseph, Assistant Professor, Department of Civil Engineering, received Rs. 48616 as consultancy charges towards soil testing (Gradation shear strength) and rock Testing (UCS Test) for Nagesh Consultants, Bangalore.
- Dr. N. Ramesh Babu, Professor, Department of MME, received Rs. 30000 as consultancy charges towards Optical Profilometer Testing for Centre for Innovative Manufacturing Research (CIMR), Vellore Institute of Technology, Vellore.
- Dr. J. Karthikeyan, Associate Professor, Department of Civil Engineering, received Rs. 1770 as consultancy charges towards Cube Testing for Three D Integrated Solutions Limited, Coimbatore.
- Dr. R. Raghavan, Assistant Professor, Department of Civil Engineering, received Rs. 1770 as consultancy charges towards Cube Testing for Three D Integrated Solutions Limited, Coimbatore.
- Dr. J. Karthikeyan, Associate Professor, Department of Civil Engineering, received Rs. 35400 as consultancy charges towards Cube Testing for Three D Integrated Solutions Limited, Coimbatore.
- Dr. V. Sankaranarayanan, Professor & Dean (R&C), Department of EEE, received Rs. 50000 as consultancy charges towards Lithium-ion battery -testing for life PO4 Battery of 60V,100Ah Capacity for Musiri Panchayat Union, Tiruchirappalli.

- Dr. R. Senthilkumar, Assistant Professor, Department of Civil Engineering, received Rs. 123900 as consultancy charges towards the concrete design mix of grade M30 for the Construction of the New ATC Tower cum Technical Block & Utility/Service Block, including Operation & Routine Maintenance and AICMC at Trichy Airport for Meraki Structure, Coimbatore.
- Dr. R. Senthilkumar, Assistant Professor, Department of Civil Engineering, received Rs. 35400 as consultancy charges towards the testing of material properties for concrete design mix of grade M30 for the construction of the New ATC Tower cum Technical Block & Uitility/Service Block including operation & Routine Maintenance and AICMC at Trichy Airport for Meraki Structure, Coimbatore.
- Dr. R. Senthilkumar, Assistant Professor, Department of Civil Engineering, received Rs. 53100 as consultancy charges towards the design mix grade of M25 & M30 for the construction of 'A' type school building and 4 Nos. Type II, 4 Nos Type III and 1 No. Type V quarters and other miscellaneous works for Kendriya Vidyalaya, Golden Rock at Trichy for TPK Infra Projects, Tirupur.
- Dr. R. Senthilkumar, Assistant Professor, Department of Civil Engineering, received Rs. 53100 as consultancy charges towards the design mix using fly ash for the grade of M25 & M30 for the construction of 'A' type school building and 4 Nos. Type II, 4 Nos Type III and I No Type V quarters and other miscellaneous works for Kendriya Vidyalaya, Golden Rock at Trichy for TPK Infra Projects, Tirupur.
- Dr. R. Senthilkumar, Assistant Professor, Department of Civil Engineering, received Rs. 17700 as consultancy charges towards the third-party inspection of the Construction of PDS Center Building at Ganapathi Puram in ward No.53, Tiruchirappalli.
- Dr. M. Umapathy, Professor, Department of ICE, received Rs. 6793 as testing charges for Thermogravimetric Analyser(TGA) testing 25-1000degC a) Heating rate 15degC/min b) Heating rate 25degC/Min c) Heating rate 30degC/min for Automotive Research Centre Vellore Institute of Technology, Vellore.
- Dr. S. Muthukumaran, Professor, Department of MME, received Rs. 5900 as consultancy charges towards the Particulate Processing Lab for Central Electrochemical Research Institute (CECRI) Karaikudi.
- Dr. N. Sivakumaran, Professor, Department of ICE, received Rs. 1000000 towards the second fund instalment, releasing 25% on signing MOA to the Centre for Development of Advanced Computing (CDAC), Thiruvananthapuram, Govt. of India for the Emergency Response Support System for CDAC(T), Vellayambalam, Thiruvananthapuram.
- Dr. V. Sunitha, Associate Professor, Department of Civil Engineering, received Rs. 8842 as consultancy charges towards third-party inspection of CC Pavement at Trichy Corporation Office campus road for Amman Builders, Trichy.
- Dr. V. Sunitha, Associate Professor, Department of Civil Engineering, received Rs. 16284 as consultancy charges towards the third-party inspection of the UGD Lift well for Amman Builders, Trichy.
- Dr. Greegar George, Assistant Professor, Department of Civil Engineering, received Rs. 46020 towards Torsteel Rods Testing for Rohini Housing Developers.
- Dr. A. K. Bakthavatsalam, Head, Department of Training & Placement, received Rs. 23600 as consultancy charges towards coaching one Batch of Senior Executives on SAKSHAM for BHEL Trichy on 22nd and 23rd August 2023.
- Dr. M. Prabha Mohandoss, Assistant Professor, Department of Civil Engineering, received Rs. 7788 as consultancy charges towards cement sample testing for Tamil Nadu Cements Corporation Limited, Ariyalur.
- Dr. M. Prabha Mohandoss, Assistant Professor, Department of Civil Engineering, received Rs. 4720 as consultancy charges towards testing the Valimai PPC Sample for Tamil Nadu Cements Corporation Limited, Ariyalur.

- Dr. N. Ramesh Babu, Professor, Department of MME, received Rs. 3000 as consultancy charges towards FESEM Testing for Periyar Maniammai Institute of Science and Technology, Thanjavur.
- Dr. N. Ramesh Babu, Professor, Department of MME, received Rs. 3000 as consultancy charges towards the Bio Lab Testing for the Indian Institute of Information Technology, Tiruchirappalli.

Lab Charges

- Dr. S. Velmathi, Department of Chemistry, received a sum of Rs.110715 as lab charges for the NMR Spectrometer lab.
- Dr. V. M. Biju, Department of Chemistry, received a sum of Rs. 13470 as lab charges for the Fluoromax-4CP Luminescence Spectrometer lab.
- Dr. M. Premalatha, CEESAT, received a sum of Rs.19314 for Analytical Service charges.
- Dr. N. Ramesh Babu, Department of MME, received a sum of Rs. 40000 for Sem Charges.
- Dr. P. Sivashanmugam, Department of Chemical Engineering, received a sum of Rs. 16650 as lab charges for GCMS Agilent.
- Dr. R. Anand, Department of Mechanical Engineering, received a sum of Rs. 2124 as lab charges for Fuel Analysis.
- Dr. R. Karvembu, Department of Chemistry, received a sum of Rs.5580 as lab charges for Organometallics and Catalysis Laboratory.
- Dr. K. Muthukumar, Department of Chemical Engineering, received a sum of Rs. 4500 as lab charges for analysis in Ion Chromatography.
- Dr. Ganesh Chandra Nandi, Department of Chemistry, received a sum of Rs. 20220 as lab charges for HRMS Analysis.
- Dr. L. Cindrella, Department of Chemistry, received a sum of Rs. 10300 for Characterization Charges.
- Dr. M. Umapathy, Chairperson, Sophisticated Instrumentation Facility (SIF), received a sum of Rs. 163900 for the facilities administered by SIF.

CEDI REPORTJUNE-AUG 2023

The NIT Trichy Incubator, the Center for Entrepreneurship Development and Incubation (CEDI),experienced a transformative period from June to August2023. During these months, CEDI not only incubated startupsbut also nurtured a culture of innovation, incubation, and entrepreneurship within the vibrantcommunity of NIT Trichy. Thesemonths were markedby meaningful collaborations, empowering initiatives, and a steadfast commitment to fostering innovation and entrepreneurship within our community. (CEDI) has been a hive of activity, nurturing innovation, fostering entrepreneurship, and building bridges between academia and the startup ecosystem.

Fostering Local Enterprises: Collaboration with TIDITSSIA On May 23, 2023

CEDI NITT signeda pivotal Memorandum of Understanding with the Tiruchirappalli District Tiny and Small-Scale Industries Association (TIDITSSIA). This collaboration marked a new chapter in our effortsto promote Micro, Small, and Medium Enterprises (MSMEs) and enhancethe local startupecosystem. Through this partnership, we are dedicated to providing essentialsupport and resourcesto local businesses, aligning their initiatives with our vibrant startup community. We firmly believe that by nurturing localenterprises, we enrich the entire entrepreneurial landscape, creating a sustainable impact on the local economy

Knowledge Exchange Sessions:Empowering Entrepreneurs

During this period, CEDI organized a series of knowledge exchangesessions, inviting industryexperts and seasonedentrepreneurs to share their insightswith our startups.These sessions servedas a bridge between theoretical knowledge and practical application, offering our incubatees valuable perspectives on real-world challenges and innovative solutions. By facilitating these interactions, CEDI reaffirmed its commitment to providing holistic support to our entrepreneurs, equipping them with the knowledgeand skills necessaryto navigate the complexities of the businessworld.

MoU with TREAT: Empowering Entrepreneurs: Knowledge and Skill Enhancement

CEDI- In another significant milestone, CEDI-NITT signed an MoU with the Tiruchirappalli Engineering and Technology Cluster(TREAT) on May 23, 2023. This collaboration aimed at building a robust MSME sector and fostering the startup ecosystem. TREAT, renowned for its expertisein engineering and technology, joined hands with us to create synergies that would catalyzeinnovation. Through this partnership, we envisage not just supporting existingenterprises but also nurturing a new wave of technology-driven startups, transforming Tiruchirappalli into a hub of technological innovation.

TREAT is supported by the Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry and equity participation from Tamil Nadu Industrial Development Corporation (TIDCO).

TheMoU was signed by M. Umapathy, directorof CEDI NIT-T and K. G. Muralidharan, managing director of TREAT. G. Krishnan, Tamil Nadu Industrial Investment Corporation Limited (TIIC) participated in the meeting with senior officials.

As per the arrangement, effective for three years from the date of signing, TREAT will provide start-ups incubated in CEDI NIT-T with access to shared facilities, research and development infrastructure. It will also offer mentoring, advisory support, and market opportunities for start-ups.


A Showcase of Entrepreneurial Excellence: Quarterly Review Meeting

The Quarterly Review Meeting on June 19, 2023, organized by CEDI, showcased the progress of our incubatees. As the heart of NIT Trichy's entrepreneurial ecosystem, CEDI provided a platform where faculty-led startups and student-driven ventures could not only present their developments but also share their entrepreneurial journeys. This meeting demonstrated that CEDI was not merely an incubator; it was a catalyst for transforming ideas into viable businesses, emphasizing the real-world application of academic knowledge.

New Additions to the CEDI Incubation Program: June 20, 2023 Onboarding New Ventures

CEDI welcomedVividoBots, Waystores, PSchool Edutech, and MKH Natural Herbals on June 20, 2023, marking a significant expansion of our incubation family. Through this addition, CEDI showcased to the NIT Trichy community that every innovative idea, regardless of its origin, had a home within our incubation program. This initiative underlined CEDI's commitment to nurturing a diverse range of entrepreneurial talents, creating an inclusive environment for innovation and social impact to flourish. CEDI believes in the potential of every idea, and these startups are the living proof of our commitment to nurturing diverseentrepreneurial talents.
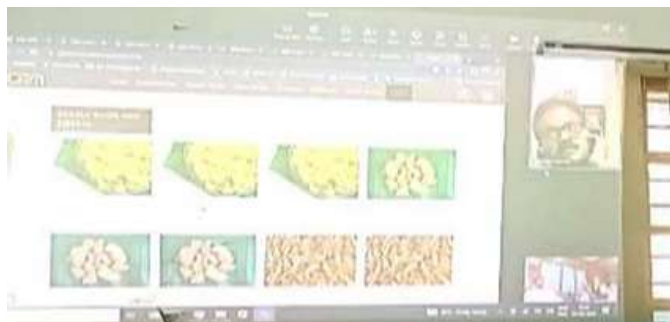
Sl.no	Incubatee Company Name
1.	VividoBots Pvt.Ltd
2.	Waystores
3.	PSchool Edutech Pvt.Ltd
4.	MKH Natural Herbals

Knowledge Knows No Boundaries: Collaborative Endeavors with Prominent Engineering and Science Institutes

The MoUs signed with institutes on June 21, 2023, exemplified CEDI's dedication to collaborative learning and knowledge exchange. By partnering with external institutions, CEDI extended its reach beyondthe confines of NIT Trichy,emphasizing the importance of cross-institutional cooperation. This initiative encouraged students and facultymembers to broadentheir horizons, understanding that innovation thrivedin diverse environments where ideas

intersected and blended, fostering an ecosystem where the best practices from various institutions merged to fuel entrepreneurial endeavors. It highlighted our belief in the power of collaborative learning. CEDI aimsto create a rich tapestryof ideas and expertise. Our purpose is not just to incubate startups but to createa hub where knowledge flows freely, enrichingevery mind it touches.

Sl.no	Name of Mentee Institutes
1.	Kamaraj College of Engineering and Technology (KCET),Virudhunagar
2.	National Engineering College (NEC),Kovilpatti
3.	Cauvery College for Women, Tiruchirappalli
4.	Coimbatore Institute of Technology, Coimbatore
5.	Akshaya College of Engineering and Technology, Coimbatore

Nurturing Future Leaders: Student Council Interaction

The Student Council Interaction on August 16, 2023, was not just a meeting; it was a dialogue between the present and the future of entrepreneurship at NIT Trichy. Through this interaction, CEDI conveyed to the student body that the entrepreneurial journey was not an enigma but a tangible path illuminated by the experiences of fellow students.By forming committees to promote startupactivities, the studentsshowcased their active engagement in shaping their entrepreneurial future, underlining CEDI's role as a guiding force.

Mentorship and Wisdom: Engaging NITT Faculty Associates

The CEDI Faculty Associate Meeting on August 31, 2023, emphasized the pivotal role of educators in the startupecosystem. CEDI, throughthis meeting, demonstrated that faculty members were not just teachers but mentors, guiding the future generation of entrepreneurs. By engaging faculty associates, CEDI bridged the gap between academic knowledge and practical application, fostering an environment where mentorship was valued as much as innovation. This engagement showcased the symbiotic relationship between knowledge and mentorship. Faculty members, with their wealth of experience, are the guiding lights for our startups. Through mentorship, they impart not only knowledgebut also values.Integrity, resilience, and a commitment to excellence are the cornerstones upon which our startups build their foundations.

Fostering Purposeful Innovation: Strategic Partnership with Campus Angel Network

The MoU signed with Campus Angel Network on July 3, 2023, was a testament to CEDI's dedication to providingholistic support to its incubatees The primary objective of this MoU is to provide crucial financial support and mentorship to promising startups within the CEDI Incubation Program, particularly those at the MinimumViable Product (MVP)stage, early tractionstage, and acceleration stage.

Through this partnership, CEDI not only emphasized the financial backingavailable but also highlighted the mentorship and networking opportunities accessible to startups. This initiative reinforced the idea that a startup's journey was not solitary; it was a collaborative effort,with support availableat every stage,showcasing CEDI's commitment to nurturing startupsfrom ideation to implementation. This was not merely a financial partnership; it was a union of purpose. Our shared goal is to foster purposeful innovation. Purpose-driven startups have thepotential to create sustainable impact.Together, we providenot just fundingbut a roadmap for startups to align their innovations with larger societal goals, thus creating a positive ripple effect.

Transforming Knowledge into Impact: InvestorConnect Pitch Event

This event was not merely a showcase of startups; it was a demonstration of the culmination of efforts investedby both incubatees and CEDI. This event emphasized that a startup's journey was not just about securing investments; it was about effective communication, strategic thinking, and innovation.

Sl.no	Interested Startups Name
1.	Prognostik Healthcare Instruments Pvt.Ltd (NITT Faculty Startup)
2.	V2RT Insuretech Solutions (OPC) Pvt.Ltd
3.	PSchool Edutech Pvt.Ltd
4.	Waystores

Through this event, CEDI provided a platform where startups learned not only the intricacies of investment pitchesbut also the importance of resilience and adaptability, vital skills for any entrepreneur. It was the embodiment of our collective efforts. It was not just about securing investments;
it was about transforming knowledge into impact. The startups that pitched weren't just seeking funding;they were presenting solutions to real-world problems. It highlighted our shared value of creatingmeaningful change through entrepreneurship.

MCA 2003 Batch Alumni Reunion

On June 10, 2023, a heart-warming reunion took place at NIT Tiruchirappalli as several alumni from the MCA 2003 Batch visited to celebrate their 20th year since graduation. The event was marked by nostalgia and camaraderie, strengthening the bond between the alumni and the institute.

Laptop Distribution for Government School Students

On June 22, 2023, a remarkable initiative unfolded at the campus. The RECAL (Aksharam Trust, 1994 Batch) and the generous contribution of Prof. A. K. Bakthavatsalam facilitated the distribution of laptops to students who had completed their 12th standard education in Government Schools and cleared the JEE exam in their native language. This noble gesture benefited 15 students. They will return the laptops upon completing their course, making it a recurring process. The success of this endeavour was made possible with the support and cooperation of the institute's leadership, including the Director, Registrar, Deans, and Faculty.

The 30th Year Reunion of the 1993 Batch

On July 7, 2023, a vibrant and joyful reunion unfolded as the 1993 batch alumni celebrated their 30th year since graduation. Over 100 alumni, along with their families, gathered on campus to reminisce, renew friendships, and cherish the memories of their time at NIT Tiruchirappalli.

Alumni Guest Lectures and Panel Discussion

In a bid to enrich the first-year orientation program, on August 22 and 24, 2023, the Alumni Association organized guest lectures and a stimulating panel discussion. These events allowed alumni to share their insights and experiences, providing valuable guidance to the incoming batch of students.

These activities reflect the enduring spirit of the alumni community at NIT Tiruchirappalli, contributing to the institute's growth and fostering a strong connection between past and present.

TEDx NIT Trichy

TEDx NIT Trichy's ninth edition was held on the 27th of August 2023, with the theme "Equinox" - symbolic of balance and change. This year saw a footfall of 49 participants selected from 139 registrants. These talks ranged over a wide array of topics from architecture, to legal issues and AI. These talks will be published on TED's official page as part of this event.

Amruthavarshini

Amruthavarshini conducted a public workshop named "Introduction to Carnatic Music." Keeping their mission in mind, they have also been disseminating guided reading and listening materials for people interested in Carnatic Music. Amruthavarshini has been holding regular club meetings to teach new songs with their meanings, and to encourage interested participants to appreciate their beauty. Amruthavarshini presented the masterpiece Jagadhaanandhakaarakaa. This presentation was in collaboration with Orientation'23.

When vocalists are featured in a Carnatic performance, they conventionally occupy center stage and are delegated the title of 'main artist'. The instrumentalists are seen flanking the singer and are accorded the status of 'accompanists'. Of late, this unfair hierarchy has been challenged and reworked by modern thinkers like TM Krishna. Amruthavarshini has emulated this thought of artistic equality in this gesture of having the percussionist occupy center stage. As a college club, Amruthavarshini hopes to imbibe this ideal and also propagate it to the younger generation of Carnatic musicians and audiences.

The Fine Arts Society has initiated collaboration with Amruthavarshini for Ambience collaboration and conducting events during Festember.

Fine Arts Society

Dance Troupe

The Troupe released a promotional reel for Festember for the movie Let's Get Married and Performed for the Chemistry department symposium. They also arranged for a performance during Orientation '23.

Pixelbug

Pixelbug covered the following events and conducted the following activities in the months of June – August:

1.Sports Captain Photoshoot (SportsFete)
2.Pragyan Induction Briefing (Pragyan)
3.Partition horrors Remembrance Day (Admin)
4.Sports Captain + SportsFete ID Shoot
5.Recycle – taskforce (Admin+taskforce)
6.Orientation – full coverage
7.TedX Equinox'23
8.SportsFete DTG
9.11 Years of Pixelbug video
10. Conducted OPEN REVIEW for the Pixelbug juniors
11. Summer challenge
12. SportsFete aftermovie, trailer and master collection
13. NITTFEST aftermovie, trailer and master collection
14. Repost in Pixelbug handle

Tamil Mandram

The Club conducted Inductions for the second years, and collaborated with Orientation'23 to conduct events for the first years.

Music Troupe

The Troupe Conducted Inductions for the current second years. The Music Troupe also performed for Orientation'23.

Balls by Picasso

Throughout the month of July, the club curated online sets each week on their social media handle on varying topics to encourage interest in E-lits. They also conducted two workshops for Santhanam Vidyalaya during the latter half of July. In the month of August, between 17-20, they conducted their flagship event, Litweek, with participation from colleges such as Sastra and a combined footfall of around 70 students. Litweek also featured a Women's Quiz for the first time to celebrate the achievements of women and to enlighten students on the same. They also finalized on their new inductees during the preparation for Litweek.

Film Society

Surge continues to reach out to NGOs and speakers for guest lectures. They continue their work on multiple posters and content for spreading awareness against food wastage, etc. in NITT.

The Thespians' Society

As a tribute to the brave heroes who made the ultimate sacrifice for the nation during the Kargil War, Lakshya organized a commemorative initiative on its Instagram account on July 26th 2023. The initiative aimed to honor the memory of these courageous martyrs.

Feeds NITT

For the months of July, August and September, FEEDS worked on certain pride pieces and other short form insta posts. They are also working on producing a new printed issue on the theme of "Nostalgia" for distribution. They are providing training to the team on how to report on events and other club activities on campus. They were also involved in planning and ideating for their inductions.

Designer's Consortium

The first event Designer's Consortium conducted this semester was "Brain freeze," in collaboration with the Orientation team. This event exposed the freshers to design thinking and prototyping. The event had 2 problem statements, one being an open problem statement focused on prototyping a solution, while the second one being more design focused. The event had 30+ teams participating with a footfall equalling more than 100 freshers. 5 teams were selected as winners with 2 teams for the first PS and 3 for the second PS. They also participated in SIH with 3 projects, with all the projects qualifying for the next stage of hackathon.

The Society strengthened its online presence with weekly posts on Instagram. They shot a music video composed by one of their club members. They also have 3 short films in post-production to be released soon.

Surge NITT

Apart from reorganizing the club structure, Thespian's Society has planned out activities for thre odd semester and the even semester. They held inductions for a new batch of students and inducted 2nd and 3rd years into the team. Through collaborations with Orientation'23, they performed for the freshers.

Lakshya

ToastMasters International

Pitch Perfect (8th July): Held in collaboration with E-cell to highlight the importance of communication in pitching startup ideas. The club also collaborated with Orientation'23 to conduct events for the freshers. They continue to hold weekly meetings every Wednesday.

E-Cell

In July, E-Cell NITT forged a collaborative partnership with Toastmasters to present "Pitch Perfect," a distinguished event aimed at providing a platform for aspiring student entrepreneurs within the E-Cell community to showcase their innovative startup concepts. Distinguished judges from E-Cell's esteemed panel rigorously assessed the viability and potential of these business propositions, while Toastmasters' expert representatives offered invaluable insights and guidance to enhance the quality of the pitches.

Event footfall: 50+
Judge from E-Cell's side: Mr. Shubham Kadm, HPCL, ex-VC intern at Blume Ventures
Number of E-Cell startups pitched: 6

In the month of August, the club innovatively revamped the traditional induction process. Instead of adhering to conventional methods, they introduced an "Ideathon" approach, wherein participants were encouraged to engage in idea development or, in cases where they lacked a concept, were presented with well-defined problem statements. This induction event commenced on August 18th and culminated with teams presenting their collaborative endeavors on August 19th.

ProfNITT

ProfNITT Club hosted a highly successful event, the "Quantitative Finance at the WorldQuant Brain Alphathon." The event featured a 2-hour workshop on September 2nd, led by industry experts Yash Zanwar and Aditya Chaturvedi, attracting over 150 attendees. Additionally, a 3-week-long Alphathon competition saw the enthusiastic participation of more than 160 individuals, offering exclusive stipends and a generous prize pool of $2,200. Attendees also received goodies such as backpacks, caps, and bottles courtesy of WorldQuant

180 DC

180DC in collaboration with Orientation - Boardroom Showdown. The Boardroom Showdown brought together an impressive gathering of over 150 participants, each ready to showcase their skills in consulting and risk management. The competition unfolded in two gripping rounds, with Round 1 featuring a challenging crossword puzzle that pushed their knowledge boundaries and Round 2 immersing teams in real-world boardroom scenarios, emphasizing creativity, content, and delivery. Throughout this exhilarating journey, dedicated mentors provided valuable guidance and support, ensuring that all participants had the opportunity to rise to the challenge and reach their full potential, making it a testament to the dedication, knowledge, and innovation within the fields of consulting and risk management.

Builders' Hive

"Civil Unveiled" stands as a notable post series introduced by Builders' Hive, with the primary objective of fostering knowledge dissemination across various specialized domains within Civil Engineering, primarily targeting emerging engineering enthusiasts. The program goes beyond offering foundational information, providing a comprehensive understanding of the field. It encompasses discussions about career prospects, current research applications, and regions where the demand for civil engineering roles is high. By doing so, it equips individuals with valuable insights to keep up with industry advancements. The intent behind "Civil Unveiled" is not only to educate but also to empower the future generation of civil engineers by imparting a well-rounded comprehension of their field and its associated opportunities.

The Interview Series is an educational initiative that immerses participants in the professional journeys of notable individuals within the extensive realm of Civil Engineering. This enriching activity involves engaging discussions with prominent figures, including Professor Mark Alexander and Professor Nishant Garg. As part of this endeavour, in August, we unveiled the complete interviews on our social media platform, allowing a wider audience to benefit from the valuable insights shared by these eminent personalities.

In August, Builders' Hive orchestrated "Ink-Trigue Odyssey," a dedicated event tailored for sophomores with the aim of promoting our induction process. The event featured competitive activities, and the winners were rewarded with impressive cash prizes totalling rupees 3000. This initiative garnered substantial attention from young, enthusiastic individuals, significantly enhancing awareness and generating positive publicity for Builders' Hive among the student community.

The club welcomed 20 individuals from the second year of B. Tech and 3 from the third year of B. Tech into the club, recognizing their potential to enrich and enhance the club's endeavours.

In this initiative, the core members facilitated a concise technical session on graphic design utilizing Canva. The session was specifically tailored for all the club's managers, aiming to enhance their proficiency with the Canva application. By imparting knowledge about Canva, this effort sought to keep the members of the club up-to-date with current trends in graphical design, ultimately enabling them to apply these skills effectively in their ongoing projects and tasks.

Graphique

Taught general graphic design concepts and mentored juniors while they worked on tasks specific to graphic design. Shortlisted candidates based on their performance in phase 1 and phase 2 of inductions and also through wildcard tasks and conducted personal interviews to select a chosen few inductees.
As part of the Repost Series, the club reposted 17 chosen artworks created by club members on Instagram. For Festember '23, it took charge of all design needs, including the Festember Official Website, T-Shirts, logo, Theme reveal, DTG, and more. The club also curated Medium articles for Brushstrokes and Pixels, preparing an article detailing the club's design process and ideas. Additionally, they redesigned 11 album covers, showcasing them on the club's Instagram. Orientation '23 saw them managing all design aspects, from backdrops to posters and invitations. In collaboration with Orientation, they organized Chroma 4.O, a three-hour offline workshop exclusively for first-years, teaching them the conversion of traditional paper sketching into impressive digital art, accompanied by enjoyable activities.

IGNITTE

1)Admissions

After JEE Mains and Advanced results, the club helped all the eligible students in their IMPULSE program for JOSAA applications as well as the counselling process for other colleges like Anna University, and Sastra. Through these efforts, students joined top colleges like IIITDM- K, PTU, Sastra, etc.

In parallel, to the admission process, IMPULSE classes for the 12th approaching students were conducted.

2) District Administration Meets (19th July and 4th August)

For smooth cooperation and effective year-long communication, with the benefit of the students in- mind, Core members of the club along with a few seniors, met with the District Administrators (the respected Collectors) of both Trichy and Tirunelveli districts. The Screening Tests and other initiatives were discussed during these meets.

3)Screening Tests (26th and 17th Aug, 2nd and 3rd Sep)

The most important part of the journey for any student in IGNITTE, the Screening Tests help them select a good batch of Govt. School students for the IMPULSE program. 350+ students attended the Tirunelveli test while in Trichy the count was 450+. Both tests were conducted successfully, 24 students from TVL and 28 from TRZ were finally selected and classes for these students are about to begin. This involved coordinating with both district administrations. In addition to the Screening Test, the current students (12th studying) were also called to the location and were given a Phase test, for potent offline feedback on the Online classes held so far.

Pupil for Pupil Committee

In June, the Pupil for Pupil Committee collected 30 mattresses from multiple NIT Trichy hostels and donated a Bosch Truemixx Pro mixer to enhance the amenities at Grace Old Age Home. This underscores our steadfast commitment to enhancing community well-being by improving resident comfort and kitchen facilities.

In August, the Pupil for Pupil Committee teamed up with the Sportsfete team to promote anti-littering awareness. They distributed green Radiant bands adorned with the SF X Pupil for Pupil Committee logos to marathon runners. Furthermore, they organized a plastic waste collection drive during the marathon and conducted a Q&A session with NIT Trichy students to foster nationwide awareness. This initiative was successfully implemented on September 8, 2023.

Prakruti

On June 30, 2023, Anuj Kashyap spearheaded a tree plantation initiative as part of the "Turning a new leaf" project. Moving forward to July 7, 2023, a dedicated effort was made for the canine community, specifically focusing on the treatment of a puppy affected by Canine Distemper. On August 3, 2023, attention shifted to the welfare of an injured calf, with the administration of oral medicine to aid in its recovery. On September 17, 2023, a compassionate response was extended to a puppy injured in an accident, promptly taking it to the hospital for necessary wound dressing. These diverse activities reflect a commitment to environmental and animal welfare under the thoughtful guidance of the club.

OSS Events

1. Yoga Extravaganza (Online)
Date: 21st June 2023
The Yoga Extravaganza is an annual event that celebrates the ancient practice of yoga in a grand and immersive way. It brings together yoga enthusiasts, practitioners, and teachers from all over the world for a unique and transformative experience. It's a celebration of mind, body, and soul. It encourages individuals to explore their inner selves, connect with a global community of yogis, and learn from the best in the field.

2.The Meditation Workshop - A Journey to Inner Peace (by Prof. Sangeetha, Dept. of Architecture, NIT Trichy)
Date: 19th Aug 2023, 5:00 PM
A transformative and enlightening experience that guides participants on a profound exploration of their inner selves, this workshop is a testament to Prof. Sangeetha's expertise in meditation and her commitment to helping individuals discover inner peace and harmony. It is a remarkable opportunity for individuals seeking to embark on a path towards inner peace and self-discovery.

3.Art of Concentration in the age of Distraction (Guest lecture Dr. Vishal Kaushal, Applied Science Manager, Amazon)
Date: 20th Aug 2023, 5:00 PM
In today's fast-paced and digitally connected world, the ability to concentrate has become a valuable skill. Dr. Vishal Kaushal's workshop, "Art of Concentration in the Age of Distraction," addressed this pressing issue and offered valuable insights and techniques to help individuals regain their concentration in a distracted environment.

4.Managing the Raging Mind (by Dr. Gajendranath Choudhary, Professor, IIT Hyderabad)
Date: 22nd Aug 2023
Dr. Gajendranath Choudhary captivated the First-year students (Orientation 2023) with his deep understanding and practical insights into the intricate workings of the human mind. His engaging talk addressed various aspects of mental well-being, offering valuable strategies for individuals to cope with the demands and pressures of modern life.

APEKSHA

Independence Day event:
On the occasion of Independence Day, an event was conducted for the students of the REC School on the theme of Independence Day/Patriotism on Aug 14, 2023. The event consisted of two levels. In Level 1, groups of three participants were involved. P1 and P2 were given Independence Day-themed questions with a 40-second time limit to answer. Meanwhile, P3 was assigned the task of running to a balloon basket, blowing and bursting a balloon, and returning to the starting point. After completing the task, P1 took P3's place, and P2 and P3 answered questions. This cycle continued.

Level 2 was a craft-making competition centered around the Independence Day theme. Teams were provided with necessary materials and had 45 minutes to create their crafts. A judge evaluated the crafts, and the top three teams received cash prizes or equivalent rewards, with a total prize value of 1000 and chocolates worth 1000 distributed to all the students of the school. Props for the event, which mainly included color paints, sheets, balloons, etc., were bought for 1000. Thus, the total budget of the event came around 3000. This made the students aware of the importance of teamwork.

NITT

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