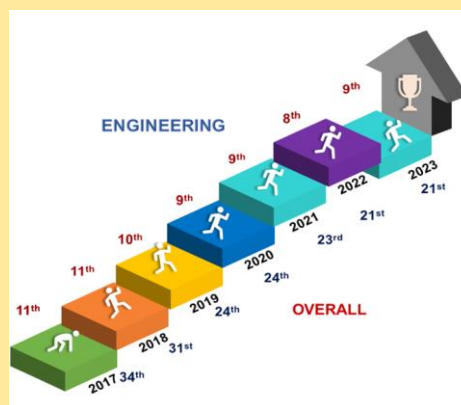


ANNUAL REPORT

2023-24

NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI



CONTENTS

S. No.	Title	Page No.
	DIRECTOR'S FOREWORD	1
1	CITY SCAPE	5
2	NIT, TIRUCHIRAPPALLI – AN OVERVIEW	6
2. 1	BRIEF INFORMATION ABOUT THE INSTITUTE	6
2. 2	VISION, MISSION AND CORE VALUES	7
2. 2. 1	Preamble	7
2. 2. 2	Vision	7
2. 2. 3	Mission	7
2. 2. 4	Core Values	8
3	ADMINISTRATION	9
3. 1	BOARD OF GOVERNORS	9
3. 2	COMMITTEES AT NITT	10
3. 2. 1	Finance Committee	10
3. 2. 2	Building and Works Committee	10
3. 2. 3	The Senate	11
3. 2. 4	Staff Selection Committee	11
3. 2. 5	Selection Committee for Technical / Administrative /	12
3. 3	STAFF POSITION	14
3. 4	FINANCE AND ACCOUNTS	17
4	STRATEGIC PLANNING GROUP	18
5	ACADEMIC PROGRAMMES AND AWARD OF DEGREES	19
5. 1	PROGRAMMES OF STUDY	18
5. 1. 1	Undergraduate Programmes	18
5. 1. 2	Postgraduate Programmes	19
5. 2	ADMISSIONS 2023-24	20
5. 2. 1	Fresh Admission 2023-24	21
5. 3	STUDENTS / SCHOLARS ON ROLL IN VARIOUS	22
5. 3. 1	SC/ST students on roll	23
5. 3. 2	B. Tech. / B.Arch. students on roll	23
5. 3. 3	M. Arch. & M.Tech. students on roll	24
5. 3. 4	MBA Students on Roll	24
5. 3. 5	MCA Students on Roll	24
5. 3. 6	M.Sc. Students on Roll	25
5. 3. 7	M.A. Students on Roll	25
5. 3. 8	M.S. (by research) Students on Roll	25
5. 3. 9	Ph.D. Students on Roll	25
5. 4	CONVOCATION 2023	26
5. 4. 1	Total Number of Graduands (Department Wise)	26
5. 4. 2	Convocation Prizes	29
5. 5	INSTITUTE DAY PRIZES 2024	30
5. 5. 1	Rank Holders (UG & PG)	30
5. 5. 2	Endowment Awards	40
5. 5. 3	Alumni Awards	43
5. 5. 4	Other Awards (Instituted by RECAL)	45
5. 6	ACHIEVEMENTS BY FACULTY	45

5. 6. 1	Publications (Scholarly Output and Publications in Q1 Journal Quartile by SJR)	45
5. 6. 2	Sponsored projects, Consultancy projects and Short-term courses for the Financial year 2023-24	46
5. 6. 3	Details of Sponsored projects for the Financial year 2023-24	47
5. 6. 4	Patents Published in the calendar year 2023	50
5. 6. 5	Patents (Granted) in the year 2023	52
5. 6. 6	Faculty Awards for the year 2023	54
5. 6. 7	Budding Researcher Award for the year 2023	54
5. 6. 8	Best Department	55
6	FINANCIAL ASSISTANCE TO STUDENTS	55
6. 1	FINANCIAL ASSISTANCE	55
6. 1. 1	Fellowship for M. S. /M. Tech. Students	55
6. 1. 2	Fellowship for Ph.D. Scholars	55
6. 1. 3	Scholarship Details	56
6. 2	FINANCIAL ASSISTANCE TO STUDENTS ADMITTED	57
6. 2. 1	QIP (Engg.) Scheme	57
7	DEPARTMENTS	58
7. 1	ARCHITECTURE	58
7. 2	CHEMICAL ENGINEERING	59
7. 3	CHEMISTRY	60
7. 4	CIVIL ENGINEERING	61
7. 5	COMPUTER APPLICATIONS	62
7. 6	COMPUTER SCIENCE AND ENGINEERING	63
7. 7	ELECTRICAL AND ELECTRONICS ENGINEERING	64
7. 8	ELECTRONICS AND COMMUNICATION	65
7. 9	ENERGY AND ENVIRONMENT	66
7. 10	HUMANITIES AND SOCIAL SCIENCES	67
7. 11	INSTRUMENTATION AND CONTROL ENGINEERING	68
7. 12	MANAGEMENT STUDIES	69
7. 13	MATHEMATICS	70
7. 14	MECHANICAL ENGINEERING	71
7. 15	METALLURGICAL AND MATERIALS ENGINEERING	72
7. 16	PHYSICS	73
7. 17	PRODUCTION ENGINEERING	74
7. 18	TRAINING AND PLACEMENT	75
8	CENTRAL FACILITIES	76
8. 1	COMPUTER SUPPORT GROUP (CSG)	76
8. 2	CENTRAL LIBRARY	77
8. 3	CENTRE OF EXCELLENCE IN MANUFACTURING (CoEM)	78
8. 4	CENTRE FOR ADVANCED MANUFACTURING AND AUTOMATION (CAMA)	80
8. 5	CENTRE OF EXCELLENCE IN EMERGENCY RESPONSE SUPPORT SYSTEM	84
8. 6	COUNSELING AND GUIDANCE CELL	90
8. 7	HOSPITAL	100
8. 8	HOSTELS	102
8. 9	SPORTS CENTRE	106
8. 10	SOPHISTICATED INSTRUMENTATION FACILITY (SIF)	107

9	CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT AND INCUBATION	110
10	STUDENT ACTIVITIES	116
10. 1	FESTEMBER 2023	117
10. 2	PRAGYAN 2023	118
10. 3	NITTFEST 2024	119
10. 4	CLUBS AND SOCIETIES	120
10. 5	STUDENT CLUBS ACHIEVEMENTS	120
10. 6	NATIONAL CADET CORPS (NCC)	131
10. 7	NATIONAL SERVICE SCHEME (NSS)	132
10.8	TASK FORCES	133
10.9	SPORTS ACHIEVEMENTS	134
10.10	CAMPUS DEVELOPMENT INITIATIVES	136
APPENDIX	AUDIT CERTIFICATE	151
APPENDIX	ANNUAL STATEMENT OF ACCOUNTS 2023 – 2024	158

DIRECTOR'S FOREWORD

Greetings!

Let me begin by congratulating the faculty, alumni, staff and students of NIT, Trichy for their phenomenal accomplishments in the academic year 2023-24. Over the years, we have worked hard to create a culture of excellence that has helped us achieve remarkable milestones in academics, research, and innovation. We are on track to fulfilling our vision of transforming NIT Tiruchirappalli into a multidisciplinary university of global reach characterized by research-driven teaching and research-oriented learning.



I am grateful to all who have contributed to our success, made possible by exceptional talent and dedication. We reached a few milestones in the last academic year. Let me list them for you.

I am proud that we have retained our 1st position among 31 NITs and 9th position among all the Engineering Colleges in the country. We have improved to 21st position among all higher education institutes in NIRF- 2023 ranking with 4th best in architecture and 35th in management and 22nd in Research category. Our NIRF score in Engineering has improved to 69.71. In the QS Ranking 2024, we have improved to the 781-790 band with a subject ranking of 451-500 in Mechanical Engineering and Electrical Engineering.

The Nobel Laureate, Richard J Roberts, the 1993 Nobel Prize winner in Physiology /Medicine visited NIT Tiruchirappalli and interacted with our students at Pragyan'24. Thank you to our 1980 batch Alumni for sponsoring this visit.

I am happy to announce that National Council for Teacher Education (NCTE) has approved the starting of Integrated Teacher Education Programme (ITEP), B. Sc. B. Ed. from the Academic year 2024-25 onwards. The program aims to prepare teachers for Foundational, Preparatory, Middle and Secondary stages as per the new school structure of NEP 2020, with a sanctioned intake of 50 Seats in Chemistry, Physics and Maths.

We have constantly touched the skies on our research front. Our Publications per faculty ratio has increased to 4.65 in 2023. Our citations per faculty ratio have gone up to 114 in 2023. The Publications in Q1 Journal quartile is 35.88 % with 19 Patents granted for the Calendar year 2023. We have sponsored Projects worth 10.36 Cr and Consultancy worth 6.5 Cr.

Our institute is one of the 100 institutions in India selected for the 5G Use Case Lab by the Department of Telecommunications to prepare Indian academia and the startup ecosystem for 6G technology, with the theme "Machine Learning Algorithms for wireless communication applications in the agriculture domain."

The Institute signed an MoU with Illinois Tech, Chicago, in November 2023, for collaborations in Academic research, mobility of faculty, scholars and students between Institutions, and other areas of mutual interest.

Under the aegis of the Ministry of Home Affairs, The Directorate of Census Operations (DCO) Tamil Nadu and the National Institute of Technology (NIT) Tiruchirappalli signed a MoU on 11th May 2023, to establish a Census Data Workstation to promote research on census microdata. All the Researchers and Students who would like to work on this Census Data are encouraged to contact NIT Tiruchirappalli for the same.

A “Skill Training Hub” at NIT Tiruchirappalli, a part of Pradhan Mantri Kaushal Vikas Yojana (PMKVY) 4.0 scheme have been implemented under National Skill Development Corporation (NSDC). So far, the Hub has trained around 200+ candidates as Junior Software Developer, Office Assistant and Security Guard.

Ministry of Jal Shakti signed an agreement on 28th February 2024 with NIT Tiruchirappalli and IISc Bangalore for the condition assessment and management plan in Cauvery River Basin Management.

In order to nurture faculty, at the early stage of their career, the Ministry of Education has conceptualized faculty leadership development programme namely ‘Nurturing Future Leadership Program’, under the aegis of Malaviya Mission Teacher Training Programme (MMTTP). Four of our faculty members have been trained at IITs and IIMs.

Office of Learning Support (OLS) has been created for providing student support and facilitator capacity building for students with specific learning disabilities like perceptual disabilities, Dyslexia, Dysgraphia, Dyscalculia, Dyspraxia, and Developmental Aphasia, when transitioning to Higher Education Institutions.

As a part of Town Official Language Implementation Committee (TOLIC) activities, two workshops were conducted. NIT Tiruchirappalli has been awarded THIRD PRIZE RAJBHASHA STAMBH, RAJBHASHA PATHAPRASARSHAK, RAJBHASHA KARMAVEER in the year 2023 within Tiruchirappalli region.

As part of our Diamond Jubilee celebrations, the Teachers’ Day this year was celebrated with our emeritus faculty members who reminisced their time in NIT Tiruchirappalli with our new recruits. As a part of Amrit Kaal, Dr. P. Veeramuthuvel, Project Director of Chandrayaan-3, and our Alumnus, visited our campus on October 23, 2023 and delivered a guest lecture for the students. Ek Bharat Shrestha Bharat, My Language My signature campaign celebrating the birth anniversary of Mahakavi Subramania Bharatiyar was observed on 11th December 2023.

Indresh P, our final year undergraduate student from B. Tech in Computer Science and Engineering had the incredible opportunity to represent NIT Tiruchirappalli at the esteemed Singapore-India Hackathon 2023 and emerged as a Second prize winner.

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).

I am happy to state that 11 Ph.D. Scholars have been awarded PMRF in Cycle 11. The Institute has secured close to 1200 Placement offers in all so far which is about 75% placements overall. For the

first time ever, 3 M.Sc Physics and 1 M.Sc Chemistry student have got offers from Intel with a CTC of Rs 27 lakhs per annum.

As part of our alumnus mission of giving back to the institute, RECAL scholarships to the tune of Rs. 39 Lakhs, were given to 114 students. 4000 saplings were planted on the campus, behind the boy's hostel, with the support of the alumni and the TN forest department. RECAL sponsored battery-operated vehicles (three-wheeler) were given to 02 of our differently abled students.

On 25th January 2024, the 1974 batch Golden Jubilee Reunion was celebrated on our campus. The 1974 batch of alumni contributed a total of Rs. 1.15 Crore during their reunion celebration. From the Class of 1974, Dr. Ram and Thaila Ramanujam Foundation of California, USA, has initiated grants for five student research projects/year for 10 years and two Scholarships for Women in Engineering who are first in their family to pursue higher education at our institute. This year five projects have already been awarded the grant.

The Third Batch of Business and Entrepreneurship for Engineers course which is an experiential and flipped classroom session envisioned and coordinated by the alumni team Mr. Baskar Subramanian and Mr. Shyam Ramamurthy of the 1984 batch Alumni, is successfully ongoing.

Our students Benament Paul, Jerald Jecinth, Murali Krishna, Raghav Bukkapatnam, Richard Sekar along with our alumni of the 1983 batch Mr. K. Ranjith and Mr. T. Suresh created a “Tankless Water Controller” (TWC) which is an effective water management system especially for villages that does away with the need for overhead tanks.

Our Honourable Prime Minister of India, Shri Narendra Modi Ji inaugurated 'AMETHYST' which is a four-storied, 1.2 Lakh Square Feet boys hostel. The EEE, ICE, Civil, Production, Mechanical and Metallurgical and Materials Engineering Annex buildings will create more space for growth and research.

We hosted the All India Inter NIT faculty and Staff cricket tournament. The tournament's opening ceremony was graced by the renowned and legendary boxer Shri V Devarajan, an Olympian and recipient of the Arjuna Award for Boxing. The All India Inter NIT Hockey and Cricket Tournaments was inaugurated by Mr. P Radha Krishnan Nair, Dronacharya Awardee and Chief Coach of the Indian National Athletics Team and Director of International Coaches. 27 NITs participated. In All India Inter NIT Tournaments, I am proud to say that we won First place in Badminton (Girls) and Overall championship in Power Lifting (Boys) and Athletics, with more laurels in athletics, chess, swimming, kabbadi and hockey.

I would also like to add that it is an impressive achievement that the 19th Convocation, held in July 2023, had the highest number of annual graduands in the history of NIT Tiruchirappalli, with 2155 graduates receiving their degrees. This is a testament to the hard work and dedication of the faculty and staff in educating and preparing the students for their future careers. I congratulate all the achievers, both faculty and students who will receive medals, awards and certificates. Special congratulations to the Festember and Pragyan teams of 2023-24!

Ladies and gentlemen, we are part of the nation building mission. NIT Tiruchirappalli has the most talented pool of faculty and students who can strengthen the cause of the nation. Let us come together in this journey of securing a safe, strong and sustainable future. Let me also acknowledge the selfless work of every stakeholder and thank them for their commitment.

I would like to conclude with a few words about NIT Tiruchirappalli's motto, "Locally Relevant, Globally Competent." This is a powerful statement of our institution's commitment to excellence in education, research, and service. To live up to this motto, we must continue to cultivate a culture of innovation, collaboration, and excellence. We must also remain mindful of the needs and aspirations of our local community, while seeking to make a positive impact on the world at large. By doing so, we can truly become a beacon of excellence, both locally and globally.

Jai Hind!

Dr. G Agila
Director
National Institute of Technology, Tiruchirappalli

1. CITY SCAPE

Tiruchirappalli, formerly called Trichinopoly in English, nicknamed Tiruchi or Trichy is a major city in Tamil Nadu and the administrative headquarters of Tiruchirappalli District. It is the fourth largest Municipal Corporation and urban agglomeration in the state besides being an educational hub for both basic and higher education.

Tiruchirappalli is believed to be of significant antiquity and has been ruled, at different times, by the Early Cholas, Early Pandyas, Pallavas, Medieval Cholas, Later Cholas, Later Pandyas, Delhi Sultanate, Madurai Sultanate, Vijayanagar Empire, Nayak Dynasty, the Carnatic state and the British. The archaeologically important town of Uraiyur which served as the capital of the early Cholas is a suburb of Tiruchirappalli. The city played a critical role in the Carnatic Wars between the British and the French East India companies. It has a number of historical monuments with the Rockfort, Ranganathaswamy temple at Srirangam and the Jambukeswarar temple at Thiruvanaikaval being the most prominent among them.

Tiruchirappalli is an important industrial and educational hub of Tamil Nadu. The factories such as Ordnance Factory Tiruchirappalli (OFT), Heavy Alloy Penetrator Project (HAPP), Bharat Heavy Electricals Limited (BHEL) and Golden Rock Railway Workshops are located in Tiruchirappalli. The National Institute of Technology (NIT), the Bharathidasan Institute of Management (BIM), Indian Institute of Management (IIM), Indian Institute of Information Technology (IIIT), Bharathidasan University (BDU) and Anna University of Technology have their campuses in the city. Tiruchirappalli is internationally popular for a brand of cheroot known as the Trichinopoly cigar which was exported in large quantities to the United Kingdom in the Nineteenth century.

Tiruchirappalli is administered by a municipal corporation established as per the Tiruchirappalli City Municipal Corporation Act 1994. Tiruchirappalli is well-connected by road, rail and air. Also, Vande Bharat Express trains which is a high-speed train connect several major cities in South India such as Chennai, Madurai, Bangalore and Tirunelveli. There are direct passenger flight services to destinations in South-East Asia and the Middle East.

NIT, TIRUCHIRAPPALLI – AN OVERVIEW

2. 1. BRIEF INFORMATION ABOUT THE INSTITUTE

NIT Tiruchirappalli, with its 5 decades of excellence in teaching, research, and innovation, is striving to achieve greater heights by optimizing the resources while keeping its fast pace of all- around growth. Established as the Regional Engineering College (REC) in 1964, the salubrious campus became NIT, Tiruchirappalli in 2003 and is an Institution of National Importance under the Ministry of Education, Government of India. The President of India is the visitor of the Institute. In the NIRF 2023 rankings, NIT Tiruchirappalli has achieved the prestigious No. 1 position among all NITs for the eighth consecutive year. In the Engineering category, the institute earned an impressive overall score of 69.71 out of 100, placing 9th nationwide. Furthermore, NIT Tiruchirappalli stands as the sole NIT to be featured in the QS World University Rankings 2024, securing a spot in the range of 781-790.

The Institute has 17 Academic departments and runs 10 UG Programmes, 31 Masters Programme, MS by Research and Ph.D. Programmes in major fields of Engineering, Sciences, Humanities and Management. The vibrant campus with 7600 + students is a shining example of cultural diversity with faculties of around 340 and non-Teaching staff of 389 drawn from almost all the states in the country and also students from abroad admitted through ICCR, MEA and Study in India programme.

NIT, Tiruchirappalli follows credit-based academic programmes with flexible curricula, minor specializations, flipped class rooms and new evaluation models. NIT, Tiruchirappalli provides modern infrastructure and facilities for students, including well- equipped laboratories, libraries, sports facilities, hostels, and more. The campus also hosts various cultural and technical events throughout the year.

The Institute has won the prestigious CII-AICTE best industry linked institute, National level awards from FICCI for social responsibility and University of the year 2017 (above 30 years) and from ASSOCHAM for the best institute to use ICT tools in education. NIT, Tiruchirappalli has been declared the Best Innovation Club at the Festival of Innovation and Entrepreneurship (FINE) held at Rashtrapathi Bhawan in 2018, by the President of India. NIT Trichy became the only NIT among the thirty-one NITs in the country to be awarded a position in the Swachh Campus Rankings (2018). NIT also bagged the Green Campus Award conferred by TNPCB. The institute also received High Impact Entrepreneurship Campus Award jointly awarded by the Ministry of Skills Development and Entrepreneurship. NIT Tiruchirappalli bagged the ‘One District One Green Champion’ award as part of Swachhta Action Plan 2020-21, awarded by the Mahatma Gandhi National Council of Rural Education. The institute is the only NIT included in the set of PMRF awarding Institutions. A total of 40 Ph. D. students bagged the Prime Minister’s Research Fellowship (PMRF) award in last four academic years.

NIT, Tiruchirappalli has forged links with peer universities and institutes, both at the national as well as international levels, to enhance research and enrich its academic programmes. NIT, Tiruchirappalli has set up the first of its kind Centre of Excellence in Manufacturing, with an investment of 190 Crores is a perfect example of Industry-Academia Partnership. The Institute established ISRO- Space Technology Incubation Centre in 2019 and National Research Development Council (NRDC) Patent Facilitation Centre in 2020 and is part of the National Super Computing Mission with a 650 TF Super Computer being installed.




NIT Tiruchirappalli has been designated as a ‘Skill Hub Centre’ under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), a flagship scheme by the Government of India’s Ministry of Skill Development and Entrepreneurship. The centre was recently launched in alignment with the core principles of NEP 2020, which highlight the significance of a comprehensive education that integrates academic, vocational, and practical skills.

The alumni have distinguished themselves through their achievements in and contributions to the domains of industry, academics, research, business, and governance. The institute continues to work closely with the alumni to enhance its activities through interactions in academic and research programmes as well as to mobilise financial support.

2. 2. VISION, MISSION AND CORE VALUES

2. 2. 1. Preamble





NIT Tiruchirappalli, through its Vision, Mission and Core Values, defines herself as:

-  An Indian institution with world standards.
-  A global pool of talented students, committed faculty and conscientious researchers.
-  Responsive to real-world problems and, through a synergy of education and research, engineer a better society.

2. 2. 2. Vision

To be a university globally trusted for technical excellence where learning and research integrate to sustain society and industry.

2. 2. 3. Mission

-  To offer undergraduate, postgraduate, doctoral and modular programmes in multi-disciplinary / inter-disciplinary and emerging areas.
-  To create a converging learning environment to serve a dynamically evolving society.
-  To promote innovation for sustainable solutions by forging global collaborations with academia and industry in cutting-edge research.
-  To be an intellectual ecosystem where human capabilities can develop holistically.

2. 2. 4. Core Values

Integrity

Honest in intention, fair in evaluation, transparent in deeds and ethical in our personal and professional conduct that stands personal and public scrutiny.

Excellence

Commitment to continuous improvement coupled with a passion for innovation that drives the pursuit of the best practices; while achievement is always acknowledged, merit will always be recognized.

Unity







Building capacity through trust in others' abilities and cultivating respect as the cornerstone of collective effort.

Inclusivity

No one left behind; no one neglected; none forgotten in the mission of nation building through higher learning.

Goals

International Accreditation and Ranking in tertiary education largely guide goal-setting. The perception built by the stakeholders, crucially, influence the process of repositioning. Benchmarking with global universities who are in the top 200 in world rankings in terms of teaching, innovation and research, funding and internationalisation. Hence, the need to set the following goals:

-  Attracting top talent and global collaborations.
-  Building world-class research infrastructure to facilitate multi- / inter- / transdisciplinary research.
-  Initiatives towards financial sustainability.
-  Social outreach activities of national / international importance.
-  Top 10 in India ranking in Engineering Discipline.
-  Top 500 in World Ranking.

3. ADMINISTRATION

3.1. BOARD OF GOVERNORS (BoG)

1	Shri. Bhaskar Bhat, Director, Tata Sons and former Managing Director, TITAN Company	Chairperson
2	Director, National Institute of Technology, Tiruchirappalli.	Ex-Officio
3	Special Secretary or Additional Secretary or Joint Secretary dealing with Technical Education, Department of Higher Education, Ministry of HRD	Member
4	Financial Adviser, Department of Higher Education, Ministry of Education	Member
5	To be nominated by State Government	Member
6	To be nominated by State Government	Member
7	To be nominated by NITSER Council	Member
8	To be nominated by NITSER Council	Member
9	Dr. S. Kumanan, Professor (HAG), Department of Production Engineering, NIT – Tiruchirappalli	Member
10	Dr. G. Saravana Ilango, Professor, Department of Electrical and Electronics Engineering, NIT – Tiruchirappalli	Member
11	The Director of IIT- Madras, or his nominee not below the rank of Professor – Prof. Krishnan Balasubramanian, Professor of Mechanical Engg, IIT- Madras	Member
12	Registrar, National Institute of Technology – Tiruchirappalli	Secretary

Department of Higher Education, Ministry of Education, Government of India had reconstituted the Board of Governors of NIT, Trichy, vide order of the State Government and Council of NITs nominees on the BoG of NIT - Tiruchirappalli - Notification no. F.19-4/2011-TS.III dated February 6, 2015.

During the year (**April 2023- March 2024**) under report, the BoG met on the dates mentioned below:

Date	BoG Meeting	Venue
22/06/2023	72 nd BoG	OOM Room, NIT, Tiruchirappalli
24/07/2023	73 rd BoG	OOM Room, NIT, Tiruchirappalli
03/01/2024	74 th BoG	OOM Room, NIT, Tiruchirappalli
11/03/2024	75 th BoG	OOM Room, NIT, Tiruchirappalli

DIRECTORS OF NIT, TIRUCHIRAPPALLI

Following is the list of Principals / Director's whose vision and zeal helped in taking this Institute forward:

PRINCIPALS/DIRECTORS

S. No.	Name	Period	
		From	To
	PRINCIPALS		
1	Prof. P.S. Manisundaram	1964	1982
2	Prof. S. Nagarathinam	1982	1990
3	Prof. B. Ilango	1990	1995
4	Dr. P. Aravindan	1997	2000
5	Dr. M. Arumugam	2000	2003

	DIRECTORS		
6	Dr. M. Chidambaram	2005	2010
7	Dr. Srinivasan Sundarrajan	2011	2016
8	Dr. (Mrs) Mini Shaji Thomas	2016	2021
9	Dr. (Mrs.) G. Aghila	2022	Till date

OFFICIATING PRINCIPALS/DIRECTORS

S. No.	Name	Period	
		From	To
1	Dr. C.R. Kandaswamy	Sept, 1993	Feb, 1994
2	Dr. K.L.P. Mishra	Sept, 1995	April, 1997
3	Dr. P. Subramaniam	Oct, 2003	Oct, 2005
4	Dr. V. Sivan	Sept, 2010	Dec, 2010
5	Dr. Sandeep Sancheti	Dec, 2010	June, 2011
6	Dr. G. Kannabiran	June, 2016	Nov, 2016
7	Dr. G. Kannabiran	Dec, 2021	Jan, 2022

3. 2. COMMITTEES AT NIT, TIRUCHIRAPPALLI

3. 2. 1. Finance Committee (FC)

All matters relating to finance are dealt with by the Finance Committee, which consists of the following members:

Director	National Institute of Technology, Tiruchirappalli – 620 015	Chairperson in-charge
Director	National Institute of Technology, Tiruchirappalli – 620 015	Ex-officio
Two members Nominated by the Government of India		
Joint Secretary & Financial Advisor, IFD	Dept. of Higher Education, MoE, Government of India, Delhi – 110 001	Member Ex-officio
Joint Secretary (Technical Education)	Dept. of Higher Education, MoE, Government of India, Delhi – 110 001	Member Ex-officio
Dr. S. Kumanan, Professor (HAG)	Department of Production Engineering, NIT – Tiruchirappalli	Member Nominated by Board
Registrar	NIT, Tiruchirappalli – 620 015	Member Secretary Ex-officio

During the year (**April 2023-March 2024**) under report, the Finance Committee meetings were conducted on the following dates:

Date	FC Meeting	Venue
22/06/2023	54 th FC	OOM Room, NIT, Tiruchirappalli
26/12/2023	55 th FC	OOM Room, NIT, Tiruchirappalli
11/03/2024	56 th FC	OOM Room, NIT, Tiruchirappalli

3. 2. 2. Building and Works Committee

Based on the norms prescribed by the Government of India, the Building and Works Committee was formed.

The following are members of the Buildings and Works Committee:

Director, NIT, Tiruchirappalli	Chairperson
Members	
Ministry Representative	Member
Dr.K Baskar ,Dean(P&D)- NIT Tiruchirappalli	Member

Shri.Maruthanayagam Dhayalan PowerGrid corporation of India ltd, Tamil Nadu	External Member- Industry
Dr.R.G.Roobinson Professor, Department of Civil Engineering, IIT Madras, Chennai-36	External member- Educational Institution
Dr. G. Saravana Ilango Professor, Department of Electrical and Electronics Engineering, NIT – Tiruchirappalli	Member - BoG representative
Registrar, NIT, Tiruchirappalli – 620 015	Member Secretary

During the Year (**April 2023-March 2024**) under report, the Buildings & Works Committee meetings were conducted on the following dates:

Date	B & WC Meeting	Venue
24/04/2023	31 st BWC	OOM Room, NIT, Tiruchirappalli
25 /10/2023	32 nd BWC	OOM Room, NIT, Tiruchirappalli
09 /02/2024	33 rd BWC	OOM Room, NIT, Tiruchirappalli

3. 2. 3. The Senate

All-important academic matters, curriculum development, approval of syllabi, academic rules and regulations, etc. are dealt with the Senate. The composition of Senate as approved by the Government of India is given below:

Director, NIT, Tiruchirappalli – 620 015		Chairman
All Professors		Members
EXTERNAL MEMBERS		
Dr. G. K. Ananthasuresh Professor Department of Mechanical Engineering Indian Institute of Science Bengaluru- 560012	Dr. M. Thamban Nair Professor Department of Mathematics Indian Institute of Technology Madras Chennai - 600 036	Dr. Haripriya Gundimeda Professor Department of Humanities & Social Sciences, Indian Institute of Technology Bombay, Powai,Mumbai-400 076.

During the year (April 2023-March 2024) under report the senate meetings were conducted on the following dates and accorded approval for various academic matters and the award of degrees to the graduands.

Date	Meeting	Venue
22/05/2023	60 th	EEE Auditorium, NIT Trichy
24/07/2023	61 st	EEE Auditorium, NIT Trichy
15/11/2023	62 nd	EEE Auditorium, NIT Trichy

3. 2. 4. Staff Selection Committee

The faculty members are selected on all India basis by direct recruitment through an open advertisement. The constitution of the Staff Selection Committee is as prescribed in the First Statutes of the National Institute of Technology.

The Selection Committee for recruitment or promotion of Academic Staff (excluding the Director and the Deputy Director):

Chairman	The Director, NIT, Tiruchirappalli – 620 015
Members	Four visitor's nominees
	Two Nominees of the Board one being an expert, but other than a member of the Board.
	One expert nominee of Senate from outside the Institute.
	Head of the Department concerned (For other than the post of Professor)

3. 2. 5. Selection Committee for Technical / Administrative / Ministerial Staff

The Director is the appointing authority for all Non-teaching staff posts (below the scale of Asst. Professors). The selection committee constituted as per the First Statutes of National Institute of Technology will give recommendations based on prescribed norms, vacancy position, etc.

The Selection Committee for Technical posts is as follows:

Chairman	The Director, NIT, Tiruchirappalli – 620 015
Members	One expert from outside the Institute
	Nominee of Ministry of Education
	Head of the Department Concerned
	Registrar

The Selection Committee for Administrative and Ministerial staff is as follows:

Chairman	The Director, NIT, Tiruchirappalli – 620 015
	One expert from outside the Institute
Members	Nominee of Ministry of Education
	Registrar

The Selection Committee for Senior Administrative and other comparable posts carrying pay scale of Lecturer and above is as follows:

Chairman	The Director, NIT, Tiruchirappalli – 620 015
Members	One expert from outside the Institute
	Nominee of Ministry of Education
	Nominee of the Board
	Registrar

The list of faculty staff who have joined during the year (April 2023 – March 2024) under report is furnished below:

Sl. No.	ID No.	Name of the Faculty	Designation	Date of joining
1	2542	Dr. Arvind Kumar	Assistant Professor Grade-II	14.03.2024
2	2543	Dr. Laveti N V Satish	Assistant Professor Grade-II	14.03.2024
3	2544	Dr. Saurav Kumar Dutta	Assistant Professor Grade-II	21.03.2024
4	2545	Dr. Lekshmi Mohan V	Assistant Professor Grade-II	22.03.2024
5	2546	Dr. Maneesha N	Assistant Professor Grade-II	26.03.2024
6	2547	Dr. Anbarasi P	Assistant Professor Grade-II	26.03.2024
7	2548	Dr. L Santhosh	Assistant Professor Grade-II	27.03.2024

8	2549	Dr. Ashwinth J	Assistant Professor Grade-II	28.03.2024
---	------	----------------	------------------------------	------------

The list of non-teaching staff who have joined during the year (April 2023 – March 2024) under report is furnished below:

Sl. No.	ID No.	Name of the staff	Designation	Date of joining
1	2222	Shri R Karthikeyan	Deputy Registrar	28-07-2023
2	2480	Dr. Divya Lakshmi R	Medical Officer	28-07-2023
3	2481	Dr. Sethupathy R	Medical Officer	25-08-2023
4	2482	Shri Saravanan S	Deputy Registrar	03-10-2023
5	2483	Shri Manivannan M	Assistant Librarian	23-08-2023
6	2355	Shri Shanmuga Manikandan	Superintendent	26-12-2023
7	2368	Shri Raghuvvarman	Superintendent	26-12-2023
8	2484	Ms Akkala Supraja	Superintendent	28-12-2023
9	2485	Shri Hemachandran G	Superintendent	01-01-2024
10	2486	Shri Vivek R	Superintendent	01-01-2024
11	2487	Shri Manivannan P	Superintendent	01-01-2024
12	2488	Mrs K Sujana	Superintendent	05-01-2024
13	2489	Shri Sankarganesh P	Technical Assistant	26-12-2023
14	2490	Shri Karthikeyan G	Technical Assistant	26-12-2023
15	2491	Shri Swaminathan P K	Technical Assistant	29-12-2023
16	2492	Shri Venkataraman M	Technical Assistant	01-01-2024
17	2493	Shri Bharathidasan N	Technical Assistant	02-01-2024
18	2494	Mrs Priyadarshini M	SAS Assistant	28-12-2023
19	2431	Shri Sundar M	Senior Technician	27-12-2023
20	2495	Shri Sampath Kumar S	Senior Technician	26-12-2023
21	2496	Mrs M Kalaiselvi	Senior Technician	26-12-2023
22	2497	Shri Suriya Prakash R	Senior Technician	01-01-2024
23	2498	Shri Dharavath Santhosh	Senior Technician	01-01-2024
24	2499	Shri Manoj Kumar L	Technician	26-12-2023
25	2500	Shri Gokul K	Technician	26-12-2023
26	2501	Shri Rajesh R	Technician	27-12-2023
27	2502	Ms Poornisha R	Technician	28-12-2023
28	2503	Ms Indhuja P	Technician	01-01-2024
29	2504	Shri Ayyanar V	Technician	03-01-2024
30	2505	Shri Maruthupandi P	Technician	03-01-2024
31	2506	Shri Karunaimani A	Senior Assistant	27-12-2023
32	2507	Mrs Sudha M	Senior Assistant	29-12-2023
33	2508	Mrs Selvi K	Junior Assistant	27-12-2023
34	2509	Shri Arjun Dharsan S	Junior Assistant	28-12-2023
35	2510	Ms Bhagya Lakshmi S	Junior Assistant	28-12-2023
36	2511	Shri Manovikram R	Junior Assistant	04-01-2024
37	2512	Mrs Regis Wincy A	Junior Assistant	08-01-2024
38	2513	Shri Pandiyaraja S	Lab Attendant	27-12-2023
39	2514	Ms Dhivya A	Lab Attendant	28-12-2023
40	2515	Shri Mohammed Sheik Umar B S	Lab Attendant	28-12-2023
41	2516	Shri Prasath S	Lab Attendant	28-12-2023
42	2517	Ms Janani R	Lab Attendant	28-12-2023
43	2518	Shri Krishnakumar M	Lab Attendant	28-12-2023

44	2519	Mrs Mohanapriya C	Lab Attendant	29-12-2023
45	2520	Ms Kalaivani J	Lab Attendant	02-01-2024
46	2521	Ms Disha Deepti A P	Lab Attendant	03-01-2024
47	2522	Shri Vivin P	Lab Attendant	08-01-2024
48	2523	Mrs Vanitha G	Office Attendant	27-12-2023
49	2524	Shri Nandakumar S	Office Attendant	28-12-2023
50	2525	Shri Sridhar P	Office Attendant	29-12-2023
51	2526	Mrs Kavitha M	Office Attendant	01-01-2024
52	2527	Mrs Durga Devi S	Office Attendant	01-01-2024
53	2528	Shri Aravind K	Office Attendant	03-01-2024
54	2529	Shri Balamurugan R	Office Attendant	03-01-2024
55	2530	Shri Murugesh M	Office Attendant	03-01-2024
56	2531	Mrs Kowsalya K R	Office Attendant	08-01-2024
57	2532	Shri Shailja Kant	Office Attendant	08-01-2024
58	2533	Shri Rajkumar N	Technical Assistant (LIS)	26-12-2023
59	2534	Shri Karthikeyan R	Technical Assistant	28-12-2023
60	2535	Shri P Sasi Kumar	Technical Assistant	26-12-2023
61	2536	Shri Haricharan K	Technician	11-01-2024
62	2537	Shri Akash	Senior Assistant	07-02-2024
63	2538	Shri Sri Siva Ganesh S	Technician	05-02-2024
64	2539	Shri Saravanakumar G	Technician	05-02-2024
65	2540	Shri Vigneshwaran S	Junior Assistant	14-02-2024

3.2.6 STAFF POSITION

The sanctioned strength against the actual staff in position as on **31/03/2024** is furnished below:

S.No	Cadre Name (Group 'A')	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Registrar	PB 4/10000	1	0	1
2	Deputy Registrar	PB 3/7600	3	2	1
3	Assistant Registrar (2)*	PB 3/5400/6600	7	4	3
4	Superintending Engineer	PB 4/8700	1	0	1
5	Executive Engineer	PB 3/5400/7600	2	2	0
6	Librarian	PB 4/10000	1	1	0
7	Deputy Librarian	PB 3/7600	1	0	1
8	Assistant Librarian	PB 3/5400	2	1	1
9	Sr. Medical Officer	PB 3/7600	1	0	1
10	Medical Officer	PB 3/5400	3	3	0
11	Principal SAS Officer	PB 4/10000	1	0	1
12	Sr. SAS Officer	PB 3/7600	1	0	1
13	SAS Officer	PB 3/5400	2	2	0
14	Security Officer	PB 3/5400	1	1	0
15	Sr. Scientific / Tech. Officer	PB 3/7600	3	3	0
16	Scientific/Technical Officer (4+2)	PB 3/5400/6600	9	6	3
*	1 AR - on Lien period, 1 M.O - EOL, 1 AR on Deputation				
Total			39	25	14
Category: Ministerial Higher					
S.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Superintendent/Personal Assistant (Ex.-5+New-7)	PB 2 /4200	13	12	1
2	Sr. Superintendent/ Sr. Personal Assistant	PB 2 /4600	10	0	10
3	Superintendent SG II/ Private Secretary	PB 2 /4800	7	6	1
4	Superintendent SG I/Private Secretary (2 + 1)	PB 2 /5400	3	3	0
Total			33	21	12

Category: Ministerial Lower					
S.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Jr. Assistant (Ex.-16-1=15 + New-5)	PB 1/2000	27	21	6
2	Sr. Assistant/Stenographer ((Ex.-11-1=10 + New-2)	PB 1/2400	19	13	6
3	Assistant SG II	PB 1/2800	13	11	2
4	Assistant SG I (Group-B)	PB 2/4200	6	5	1
Total			65	50	15
Category: Technical Higher					
S.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Techl. Asst/J.E/ Techl.Asst. (LIS)/SAS Assistant (27+7+2+1)	PB 2 /4200	47	37	10
2	Sr.Technical Asst./AE/LIS. (1+0+0)	PB 2 /4600	35	1	34
3	Technical Assistant/ AE/Tech.Asst. (LIS) (SG-II) (10+2+1)	PB 2 /4800	24	12	12
4	Technical Assistant/ AE (SG-I) (3+9)	PB 2 /5400	12	12	0
Total			118	62	56
Category: Technical Lower					
S.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Technician/ Lab Assistant/ Work Asst.(Ex.19-2-1=16+New-8)	PB 1/2000	47	25	22
2	Sr. Technician/ Lab Assistant/ Work Asst. (Ex.12+New-5)	PB 1/2400	35	16	19
3	Technician/ Lab Assistant/ Work Asst. (SG-II)/Pharmacist	PB 1/2800	24	20	4
4	Techn./ Lab Assistant/ Work Asst. (SG-I) (Group -B)	PB 2/4200	12	12	0
			118	73	45
Category: Supporting Staff					
S.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Lab. Attendant/Office Attendant (10+10)	PB1/1800	23	20	3
2	Sr. Attendant	PB1/1900	18	14	4
3	Attendant (SG II)	PB1/2000	12	11	1
4	Attendant/Security Guard (SG I) (2+1)	PB1/2400	6	3	3
Total			59	48	11
Grand Total			432	279	153

Faculty who retired during the period from 01.04.2023 to 31.03.2024:

Sl. No.	Name of the Staff	Designation	Department	Date of Retirement
1	Dr. Ponalagusamy R	Professor (HAG)	Maths	30.06.2023
2	Dr. S S Arulappan	Associate Professor	Mechanical	30.06.2023

Non-Faculty who retired during the period from 01/04/2023 to 31/03/2024:

Sl. No.	Name of the Staff	Designation	Department	Date of Retirement
1	Shri Eliyas S	Attendant (SG-II)	Director Office	30/04/2023
2	Shri Arockiadoss S	Technician (SG-I)	Chemical	31/05/2023
3	Shri Thomas M	Senior Attendant	Dean (P&D)	30/06/2023
4	Shri Pugalandhi A	Assistant Engineer (SG-I)	Chemical	31/07/2023
5	Shri Pushparaj M	Technical Assistant (SG-II)	Chemical	31/07/2023
6	Smt. Lalitha V	Senior SAS Assistant	Phy. Edu. Dept.	31/07/2023
7	Smt. Rengayee M	Sr. Attendant	Management	30/11/2023

8	Shri Saravanan P	Sr. Attendant	ECE	31/12/2023
9	Shri Mani T	Sr. Attendant	Transport	31/01/2024

Faculty who took VRS during the period from 01/04/2023 to 31/03/2024:

Sl. No.	Name of the Staff	Designation	Department	Date of VRS
NIL				

Non-Faculty who took VRS during the period from 01/04/2023 to 31/03/2024:

Sl. No.	Name of the Staff	Designation	Department	Date of VRS
1	Shri Ramaiah M	Techl. Asst.(SG-II)	MME	31/01/2024

Faculty who expired while in service during the period from 01/04/2023 to 31/03/2024:

Sl. No.	Name of the Faculty	Designation	Department	Date of Demise
1	Dr. J Karthikeyan	Associate Professor	Civil	10.07.2023
2	Dr. Sivanesan M	Assistant Professor Grade-II	Mathematics	13.07.2023

Non-Faculty who expired while in service during the period from 01/04/2023 to 31/03/2024:

Sl. No.	Name of the staff	Designation	Department	Date of Demise
1	Shri Y. Benjamin	Senior Attendant	O/o. Dean (SW)	03/06/2023

Faculty who resigned during the period from 01.04.2023 to 31.03.2024:

Sl. No.	Name of the Faculty	Designation	Department	Date of Resignation
1	Dr. Manoranjan Sahoo	Assistant Professor Grade-I	EEE	03.05.2023
2	Dr. Umasankar Patra	Assistant Professor Grade-II	Humanities	12.06.2023
3	Dr. Chandramani Chaudhary	Assistant Professor Grade-II	CSE	03.08.2023
4	Dr. P Kaushik	Assistant Professor Grade-II	Mechanical	16.08.2023
5	Dr. Atul Kumar Verma	Assistant Professor Grade-II	Mathematics	21.12.2023

Non-Faculty who resigned during the period from 01.04.2023 to 31.03.2024:

Sl. No.	Name of the staff	Designation	Department	Date of Resignation
1	Shri Ravi Kumar	Technician	CSE	30/06/2023 A.N
2	Shri Bharathiraja A	Technician	EEE	20/06/2023 A.N
3	Ms. Devarai Shirisha	Jr. Assistant	Budget Section Main Office	10/08/2023 A.N
4	Shri Sasikumar V	Sr. Technician	Computer Applications	18/08/2023 A.N
5	Shri Ragul Venkatesh M	Technician	CSG	03/10/2023 A.N
6	Shri Nenavath Rajashekar	Technician	ICE	25/10/2023 A.N
7	Shri Gopal Krishna	Technician	Chemistry	20/11/2023 A.N
8	Shri Indrajith S R	Jr. Engineer	Estate Maintenance Dept.	22/11/2023 A.N
9	Shri Binod Biswas	Supdt.	Estt. Section Main Office	28/12/2023 A.N

10	Shri Akshay Goel	Technician	Civil	16/01/2024 A.N
11	Shri Bharat Bhushan Khare	Technician	ECE	17/01/2024 A.N
12	Shri Yogesh Basavaraj Patil	Technical Assistant	DIT	19/01/2024 A.N
13	Shri Jadhav Balwant Rangarao	Sr. Technician	EEE	14/03/2024 A.N
14	Shri Arun M.P	Technician	CSG	26/03/2024 A.N

3.3. FINANCE AND ACCOUNTS

The Union, Ministry of Education, New Delhi is providing full financial assistance for both the Capital and Revenue expenditure.

Capital: All developmental activities such as construction of buildings, purchase of equipment, furniture and books are procured out of this fund

Revenue: Regular recurring expenditures such as salary & allowances, Pension, Family Pension, Retirement Benefits, Department Operating Cost, Electricity/Water charges etc. are being met out of this grant.

In addition to the above, R & D sanctions from various funding agencies were also received by this institution.

The audit certificate and the annual statement of accounts of the Institute for the Financial Year 2023-24 is presented in the appendices A & B.

4. STRATEGIC PLANNING GROUP

Financing of centrally funded Higher Education Institutions is undergoing a major change and NIT Tiruchirappalli is gearing up to face the challenges. The Strategic Plan 2019 – 2024 unveiled in October 2018 has many elements for sustainable development of the Institute, with avenues for increasing the internal revenue generation.



NIT Tiruchirappalli / Strategic Plan 2019-24 / Oct-2018

Locally Relevant Globally Competitive

5. ACADEMIC PROGRAMMES AND AWARD OF DEGREES

The Institute has **17 Academic departments** and runs **10 UG Programmes, 31 Masters Programme**, MS by Research and Ph.D. Programmes in major fields of Engineering, Sciences, Humanities and Management.

5.1. PROGRAMMES OF STUDY

5.1.1. Undergraduate Programmes

Bachelor of Technology (8 Semesters)

1. Chemical Engineering
2. Civil Engineering
3. Computer Science and Engineering
4. Electrical and Electronics Engineering
5. Electronics and Communication Engineering
6. Instrumentation and Control Engineering
7. Mechanical Engineering
8. Metallurgical and Materials Engineering
9. Production Engineering

Bachelor of Architecture (10 Semesters)

1. Architecture

5.1.2. Postgraduate Programmes

Master of Technology (4 Semesters)

1. Chemical Engineering
2. Process Control and Instrumentation
3. Transportation Engineering and Management
4. Construction Technology and Management
5. Structural Engineering
6. Environmental Engineering
7. Geotechnical Engineering
8. Data Analytics
9. Computer Science and Engineering
10. Energy Engineering
11. Power Electronics
12. Power Systems
13. Communication Systems
14. VLSI System

15. Industrial Automation
16. Industrial Safety Engineering
17. Thermal Power Engineering
18. Material science and Engineering
19. Industrial metallurgy
20. Welding Engineering
21. Industrial Engineering and Management
22. Manufacturing Technology
23. Non-Destructive Testing

Master of Architecture (4 Semesters)

1. Energy Efficient and Sustainable Architecture

Master of Science (4 Semesters)

1. Chemistry
2. Computer Science
3. Mathematics
4. Physics

Master of Business Administration (6 Trimesters)

Master of Computer Applications (6 Semesters)

Master of Arts (4 Semesters)

English Language and Literature

Master of Science (By Research)

All Engineering Departments

Doctor of Philosophy

All Departments

5. 2. ADMISSIONS 2023 - 24

Admission to B.Tech. and B.Arch. programmes is through the IITJEE. NIT, Tiruchirappalli follows the reservation policy declared by the Supreme Court of India, by which 27% of seats are reserved for Other Backward Classes (OBCs), 10% for Economically Weaker Sections (EWSs), 15% for Scheduled Castes (SCs), and 7.5% for Scheduled Tribes (STs). The Institute also accepts foreign nationals through scholarships awarded by the Government of India, and Non-Resident Indians through an independent scheme known as Direct Admission for Students Abroad (DASA). Admissions to M.Tech., MBA, MCA and M.Sc. programmes are based on the scores in the Graduate Aptitude Test in Engineering (GATE), CAT, NIMCET and JAM examinations respectively.

5. 2. 1. Fresh Admission 2023 - 24

Total no. of students admitted for UG and PG Courses during the year includes the following:

Sl. No.	Category	UG	PG	Total
1	Foreign Nationals	109	4	113
2	Scheduled Castes	137	129	266
3	Scheduled Tribes	72	44	116
4	Physically Handicapped	39	5	44
5	EWS	111	115	226
6	OBC	273	332	605
7	DASA	130	5	135

Sl. No.	DEPARTMENT	B.Arch.	B.Tech.	M.Arch.	M.Tech.	M.Sc.	MCA	MBA	MA	MS	Ph.D.	TOTAL
1	Architecture	59	-	18	-	-	-	-	-	-	7	84
2	Chemical Engineering	-	91	-	27	-	-	-	-	-	9	127
3	Chemistry	-	-	-	-	27	-	-	-	-	12	39
4	Civil Engineering	-	126	-	136	-	-	-	-	-	10	272
5	Computer Applications	-	-	-	29	26	114	-	-	-	7	176
6	Computer Science and Engineering	-	146	-	35	-	-	-	-	1	20	202
7	Electrical and Electronics Engineering	-	141	-	65	-	-	-	-	-	16	222
8	Electronics and Communication Engineering	-	141	-	65	-	-	-	-	-	16	222
9	Energy and Environment	-	-	-	16	-	-	-	-	2	4	22
10	Humanities and Social Sciences	-	-	-	-	-	-	-	22	-	9	31
11	Instrumentation and Control Engineering	-	126	-	12	-	-	-	-	1	12	151
12	Management Studies	-	-	-	-	-	-	98	-	-	5	103
13	Mathematics	-	-	-	-	21	-	-	-	-	8	29
14	Mechanical Engineering	-	144	-	54	-	-	-	-	3	18	219
15	Metallurgical and Materials	-	80	-	16	-	-	-	-	1	13	110

	Engineering											
16	Physics	-	-	-	9	25	-	-	-	-	11	45
17	Production Engineering	-	119	-	64	-	-	-	-	3	18	204
TOTAL		59	1114	18	528	99	114	98	22	11	195	2258

5. 3. STUDENTS / SCHOLARS ON ROLL IN VARIOUS PROGRAMMES

The total numbers of students **on roll** in various programmes of the Institute in the academic year 2023-24 are given below:

Sl.No	DEPARTMENT	B.Arch	B.Tech	M.Arch	M.Tech	M.Sc	MCA	MBA	MA	MS	Ph.D	TOTAL
1	Architecture	300	-	35	-	-	-	-	-	-	40	375
2	Chemical Engineering	-	337	-	31	-	-	-	-	-	41	403
3	Chemistry	-	-	-	-	53	-	-	-	-	59	112
4	Civil Engineering	-	480	-	266	-	-	-	-	1	87	834
5	Computer Applications	-	-	-	56	47	340	-	-	-	60	503
6	Computer Science & Engineering	-	584	-	70	-	--	-	-	6	76	736
7	CECASE	-	-	-	-	-	-	-	-	-	6	6
8	Electrical & Electronics Engineering	-	530	-	130	-	-	-	-	5	83	748
9	Electronics & Communication Engineering	-	555	-	129	-	-	-	-	2	90	776
10	Energy & Environment	-	-	-	34	-	-	-	-	3	26	63
11	Humanities & Social Sciences	-	-	-	-	-	-	-	36	-	55	91
12	Instrumentation & Control Engineering	-	478	-	22	-	--	-	-	2	60	562
13	Management Studies	-	-	-	-	-	--	206	-	-	57	263
14	Mathematics	-	-	-	--	40	-	-	-	-	39	79
15	Mechanical Engineering	-	549	-	111	-	-	-	-	9	87	756
16	Metallurgical & Materials Engineering	-	306	-	39	--	-	-	-	6	73	424
17	Physics	-	-	--	21	47	-	-	-	1	64	133
18	Production Engineering	-	455	-	126	-	-	-	-	9	101	691
Total		300	4274	35	1035	187	340	206	36	44	1104	7561

5. 3. 1. SC/ST students on roll

Sl. No.	Programme	SC	ST
1	B.Tech.	553	272
2	B.Arch.	43	20
3	M.Arch.	8	2
4	M.Tech.	161	60
5	M.B.A.	48	16
6	M.C. A	51	26
7	M.Sc.	26	6
8	M A	8	2
9	Ph.D.	34	1
10	MS	1	-
TOTAL		933	405

The branch/ discipline- wise and year-wise details of students enrolled in B.Tech. and M.Tech. Degree Programmes are given below:

5. 3. 2. B.Tech. / B.Arch. students on roll during 2023 - 2024

Sl. No.	Department	I Year	II Year	III Year	IV Year	V Year	Total
1.	Architecture	59	61	58	61	61	300
2.	Chemical Engineering	89	87	77	84	-	337
3.	Civil Engineering	126	113	117	124	-	480
4.	Computer Science & Engineering	146	144	146	148	-	584
5.	Electrical & Electronics Engineering	141	129	124	136	-	530
6.	Electronics & Communication Engineering	141	138	136	140	-	555
7.	Instrumentation & Control Engineering	126	122	114	116	-	478
8.	Mechanical Engineering	144	138	131	136	-	549
9.	Metallurgical & Materials Engineering	80	75	77	74	-	306
10.	Production Engineering	116	108	110	121	-	455
	TOTAL	1168	1115	1090	1140	61	4574

5. 3. 3. M.Arch. & M.Tech. students on roll

Sl. No.	Department / Discipline	I Year	II Year	Total
1.	Architecture (M.Arch.)			
	Energy Efficient and Sustainable Architecture	18	26	44
2.	Chemical Engineering			
	Chemical Engineering	14	22	36
	Process control & Instrumentation	6	11	17
3.	Civil Engineering			
	Transportation Engineering and Management.	29	23	52
	Structural Engineering	29	23	52
	Environmental Engineering	25	25	50
	Construction Technology and Management	26	29	55
	Geotechnical Engineering	22	24	49
4.	Computer Applications			
	Data Analytics	28	22	50
5.	Computer Science & Engineering			
	Computer science and Engineering	35	32	67
6.	Electrical & Electronics Engineering			
	Power Electronics	34	33	67
	Power Systems	28	29	57
7.	Electronics & Communication Engineering			
	Communication Systems	31	33	64
	VLSI System	32	27	59
8.	Instrumentation and Control Engineering			
	Industrial Automation	12	15	27
9.	Energy and Environment			
	Energy Engineering	16	17	33
10.	Mechanical Engineering			
	Industrial Safety and Engineering	19	25	44
	Thermal Power Engineering	34	28	62
11.	Metallurgical & Material Engineering			
	Materials Science and Engineering	5	18	23
	Welding Engineering	3	16	19
	Industrial Metallurgy	8	10	18
12.	Production Engineering			
	Industrial Engineering Management	33	28	61
	Manufacturing Technology	30	30	60
13.	Physics			
	Non - Destructive Testing	9	24	33
TOTAL		539	570	1109

5. 3. 4. MBA Students on Roll

Sl. No.	Department	I Year	II Year	Total
1.	Management Studies / MBA	97	89	186

5. 3. 5. MCA Students on Roll

Sl. No.	Department	I Year	II Year	III Year	Total
1.	Computer Applications / MCA	113	112	113	338

5. 3. 6. M.Sc. Students on Roll

Sl. No.	Department	I Year	II Year	Total
1.	Chemistry	27	23	50
2.	Computer Applications	21	23	44
3.	Physics	25	24	49
4.	Mathematics	17	22	39
TOTAL		90	92	182

5. 3. 7. M.A Students

Sl. No.	Department	I Year	II Year	Total
1.	Humanities and Social Sciences	20	22	42
TOTAL		20	22	42

5. 3. 8. M.S. (by research) Students on Roll

Sl. No.	Department	2017	2018	2019	2020	2021	2022	2023	Total
1	Chemical Engineering	-	-	-	-	-	-	-	
2	Civil Engineering	-	-	-	-	-	1	-	1
3	Computer Science & Engineering	1	1	1	-	-	2	1	6
4	Electrical & Electronics Engineering	1	-	1	-	1	2	-	5
5	Electronics & Communication Engineering	-	-	1	-	1	-	-	2
6	Energy and Environment	-	-	-	-	-	1	2	3
7	Instrumentation & Control Engineering	3	3	-	-	-	-	1	7
8	Mechanical Engineering	1	-	-	-	4	-	3	8
9	Metallurgical & Materials Engineering	-	-	-	-	-	1	1	2
10	Physics	-	-	-	1	3	2	-	6
11	Production Engineering	-	1	-	-	-	-	3	4
12	CECASE	-	-	-	-	-	-	-	
Total		6	5	3	1	9	9	11	44

5. 3. 9. Ph.D. Students on Roll

Sl. No.	Department	2016	2017	2018	2019	2020	2021	2022	2023	Total
1	Architecture	1	1	2	6	6	13	4	7	40
2	Chemical Engineering	3	6	4	3	5	8	3	9	41
3	Civil Engineering	1	7	7	9	16	19	18	10	87
4	Computer Science & Engineering	1	3	7	11	16	12	6	20	76
5	Electrical & Electronics Engineering	2	7	5	8	17	18	10	16	83

6	Electronics & Communication Engineering	2	7	11	10	13	19	12	16	90
7	Energy and Environment	3	4	1	4	6	3	1	4	26
8	Instrumentation and Control Engineering	5	5	10	4	14	8	2	12	60
9	Mechanical Engineering	8	9	13	8	13	12	6	18	87
10	Metallurgical and Materials Engineering	4	-	6	11	15	15	9	13	73
11	Production Engineering	6	20	16	14	11	12	4	18	101
12	CECASE	-	-	1	5	-	-	-	-	6
13	Management Studies	4	6	8	6	8	11	9	5	57
14	Computer Applications	2	7	9	7	9	13	6	7	60
15	Chemistry	3	1	6	10	10	7	10	12	59
16	Physics	2	3	5	13	10	9	11	11	64
17	Humanities and Social Sciences	-	6	3	12	9	12	4	9	55
18	Mathematics	-	-	-	3	6	11	11	8	39
Total		47	92	114	144	184	202	126	195	1104

5.4 CONVOCATION 2023

The 19th Convocation of NIT, Tiruchirappalli was held on 28th July 2023 at 10.15 am in BARN Hall. Shri. Soumitra Bhattacharya, Former Managing Director Bosch Ltd. and Regional President Bosch Group in India was the chief guest and delivered the Convocation Address. A total of 2155 candidates were awarded with various degrees. The department-wise details of the degrees awarded are given below:

5.4.1. Total Number of Graduands (Department Wise)

Sl. No.	DEPARTMENT	B.Arch	B.Tech.	M.Arch.	M.Tech.	M.Sc.	MC A	MB A	M A	M S	Ph.D.	TOTAL
1	Architecture	44	-	22	-	-	-	-	-	-	-	66
2	Chemical Engineering	-	85	-	43	-	-	-	-	-	7	135
3	Chemistry	-	-	-	-	23	-	-	-	-	13	36
4	Civil Engineering	-	123	-	119	-	-	-	-	-	8	250
5	Computer Applications	-	-	-	27	18	108	-	-	-	13	166
6	Computer Science and Engineering	-	150	-	34	-	-	-	-	1	6	191

7	Electrical and Electronics Engineering	-	137	-	46	-	-	-	-	3	13	199
8	Electronics and Communication Engineering	-	141	-	64	-	-	-	-	-	10	215
9	Energy and Environment	-	-	-	17	-	-	-	-	1	1	19
10	Humanities and Social Sciences	-	-	-	-	-	-	-	19	-	3	22
11	Instrumentation and Control Engineering	-	125	-	14	-	-	-	-	-	3	142
12	Management Studies	-	-	-	-	-	-	92	-	-	5	97
13	Mathematics	-	-	-	-	24	-	-	-	-	6	30
14	Mechanical Engineering	-	132	-	52	-	-	-	-	2	24	210
15	Metallurgical and Materials Engineering	-	80	-	41	-	-	-	-	1	9	131
16	Physics	-	-	-	24	24	-	-	-	2	11	61
17	Production Engineering	-	117	-	57	-	-	-	-	1	10	185
	TOTAL	44	1090	22	538	89	108	92	19	11	142	2155

NUMBER OF GRADUANDS WITH HONORS

Sl. No.	Department	Number of Graduands
1.	Chemical Engineering	8
2.	Civil Engineering	4
3.	Computer Science and Engineering	15
4.	Electrical and Electronics Engineering	6
5.	Electronics and Communication Engineering	-
6.	Instrumentation and Control Engineering	-
7.	Mechanical Engineering	3
8.	Metallurgical and Materials Engineering	6
9.	Production Engineering	8
Total		50

TOTAL NUMBER OF GRADUANDS (M.Tech. and M.Arch.) / SPECIALIZATION WISE

Sl. No.	Department	Specialization	No. of Graduands
1.	Chemical Engineering	Chemical Engineering	25
		Process Control and Instrumentation	18
2.	Civil Engineering	Transportation Engineering and Management	25
		Structural Engineering	22
		Environmental Engineering	20
		Construction Technology and Management	28
		Geotechnical Engineering	24
3.	Computer Applications	Data Analytics	27
4.	Computer Science and Engineering	Computer Science and Engineering	34
5.	Electrical and Electronics Engineering	Power Systems	23
		Power Electronics	23
6.	Electronics and Communication Engineering	Communication Systems	34
		VLSI System	30
7.	Energy and Environment	Energy Engineering	17
8.	Instrumentation and Control Engineering	Industrial Automation	14
9.	Mechanical Engineering	Industrial Safety Engineering	23
		Thermal Power Engineering	29
10.	Metallurgical and Materials Engineering	Welding Engineering	15
		Materials Science and Engineering	15
		Industrial Metallurgy	11
11.	Physics	Non-Destructive Testing	24
12.	Production Engineering	Manufacturing Technology	31
		Industrial Engineering and Management	26
13.	Architecture	Energy Efficient and Sustainable Architecture	22
TOTAL			560

5. 4. 2. Convocation Prizes

The following are the details of prizes awarded to the students at the 19th Convocation 2023:

President Medal (Overall Highest CGPA in B. Tech.)

Department	Roll No.	Name	CGPA
Electrical and Electronics Engineering	107119056	J SOUNDARYA	9.9

Institute Medal 2023 for Highest CGPA in B.Tech. and B.Arch.

Department	Roll No.	Name	CGPA
Architecture	101118015	HRIDHAYA SUBRAMANIAM	9.24
Chemical Engineering	102119067	SANKALP DIXIT	9.46
Civil Engineering	103119004	ABHISHEK VIJAYAN	9.66
Computer Science and Engineering	106119109	SALONI GORDHAN RAKHOLIYA	9.68
Electrical and Electronics Engineering	107119056	J SOUNDARYA	9.9
Electronics and Communication Engineering	108119107	SENTHILNATHAN S	9.64
Instrumentation and Control Engineering	110119002	AATHITHYAN K K	9.4
Mechanical Engineering	111119011	ANIRUDH S	9.53
Metallurgical and Materials Engineering	112119068	SHIDDHARTHA R	9.55
Production Engineering	114119112	S THANIKAI SATHIYAN	9.57

Institute Medal 2023 for Highest CGPA in M. Tech. and M. Arch.

Specialization	Roll No.	Name	CGPA
Chemical Engineering	202121013	KUMARAN NAGAPPAN K	8.91
Process Control and Instrumentation	202221008	DHOLE SHUBHAM RAJU	9.64
Transportation Engineering and Management	203121016	RAMADASU NIVEDITHA	9.42
Structural Engineering	203221020	DHANAWADE ROHIT SUNIL	9.15
Environmental Engineering	203421004	ALAYNA MARIYA	9.39
Construction Technology and Management	203521030	DAMANJEET SINGH PAHUJA	9.77
Geotechnical Engineering	203621020	SOUNDARYA G	9.52
Data Analytics	205221008	DIDUGU PHANI SAI GANESH	9.73
Computer Science and Engineering	206121013	DIBYENDU PAUL	9.48
Power Systems	207121022	SANNIDHI K V D SATYA SAI KRISHNA	9.56
Power Electronics	207221018	M C BLESSSEN	9.11
Communication Systems	208121009	JOSYULA PADMAJA LAKSHMI	9.39
V.L.S.I. System	208221005	ARJIT GUPTA	9.39
Energy Engineering	202321009	JADHAV NITIN DHANAJI	9.38
Industrial Automation	210121013	P ABHISHEK	9.39
Industrial Safety Engineering	211221018	SAURABH KUMAR GUPTA	9.45

Thermal Power Engineering	211321026	SEETHALA GOKULSAI	9.53
Welding Engineering	212121009	PIYUSH KUMAR	9.35
Materials Science and Engineering	212221019	VARIKOOTI BHAVANI	9.45
Industrial Metallurgy	212321005	MAYUR BHATTACHARJEE	9.23
Non-Destructive Testing	213121024	PRASHANT KUSHWAHA	9.42
Manufacturing Technology	214121005	ARIJIT BERA	9.76
Industrial Engineering and Management	214221028	SHIVAM AGGARWAL	9.55
Energy Efficient and Sustainable Architecture	201121013	NITIKA SUTTY	9.43

Institute Medal 2023 for Highest CGPA in M.Sc.

Specialization	Roll No.	Name	CGPA
Chemistry	204121015	PULKIT DHANKHAR	9.2
Computer Applications	205321024	SOUMYADIP GOSWAMI	9.16
Mathematics	216121004	DSOUZA VIONA VALERIAN	9.63
Physics	213221016	POOJA SINGH TOMAR	9.33

Institute Medal 2023 for Highest CGPA in MCA

Specialization	Roll No.	Name	CGPA
Computer Applications	205120103	SIMRAN GARG	9.25

Institute Medal 2023 for Highest CGPA in MBA

Specialization	Roll No.	Name	CGPA
Management Studies	215121066	RITIKA GUPTA	9.31

Institute Medal 2023 for Highest CGPA in MA

Specialization	Roll No.	Name	CGPA
Humanities & Social Sciences	209121012	NANDHITHA M	9.96

5.5 INSTITUTE DAY PRIZES

On the basis of academic performance, the following students were awarded Merit Prizes on the 60th edition of Institute Day 2024 held on 3rd May 2024. Dr. K. N. Satyanarayana, Director of the Indian Institute of Technology, Tirupati, was the Chief Guest.

5.5.1. Rank Holders (UG & PG)

B.Arch. / ARCHITECTURE

Batch	Rank	Roll Number	Name	CGPA
2018	1	101118015	HRIDHAYA SUBRAMANIAM	9.76
2018	2	101118020	KRITHIKA RAVISANKAR	9.58

2018	3	101118019	KEERTHI A	9.36
2019	1	101119036	NIHARIKA SAINI	9.85
2019	2	101119031	MANAVI	9.55
2019	3	101119004	A NAVILAN	9.28
2020	1	101120044	SARMATHI B T	8.88
2020	2	101120025	MIDHUN MARTIN	8.82
2020	3	101120033	OVIYA S	8.58
2020	3	101120046	SHREE VARSHAA ELANGO	8.58
2021	1	101121041	SAI KEERTHANA VIDHYA SANJEEVI	9.48
2021	2	101121025	LAKSHI R KANKARIA	9.28
2021	3	101121008	DEEPTHIKA K	9.08
2022	1	101122011	DAVIDSON ANDREWS J	9.18
2022	2	101122032	NITHYASHRI JEYAPRAKASH	9.14
2022	3	101122026	MADHUMITHAA V	9.06

B.Tech. / CHEMICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	102119059	RAAVI NAAGA VAMSI	9.57
2019	2	102119067	SANKALP DIXIT	9.56
2019	3	102119026	HARSHIDAA S NAIR	9.52
2020	1	102120029	DIVYADHARSHINI D S	9.59
2020	2	102120087	VUPPALA V S KAMALESWAR	9.33
2020	3	102120022	BAVISHI JAINA KETANKUMAR	9.23
2021	1	102121037	PRITHIKA ROY	9.45
2021	2	102121004	ADARSH GUPTA	9.31
2021	3	102121032	NANTHA BALAN M	9.12

B.Tech. / CIVIL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	103119027	DEVI SATVIKA TIRUVAIPATI	9.89
2019	2	103119004	ABHISHEK VIJAYAN	9.62
2019	3	103119038	GONAPA SAI UDDIEP	9.61
2020	1	103120079	PARVATH C	9.83
2020	2	103120045	JITESH CHOUDHARY	9.59
2020	3	103120011	A MUKESH SUNDAR	9.43
2021	1	103121012	ANJEET KUMAR	9.87
2021	2	103121007	AFRIN NAZ	9.7
2021	2	103121116	VIKRAMADITYA AGRAWAL	9.7
2021	3	103121026	CHANDAN KUMAR	9.64

B.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	106119043	HAEMANTH V	9.83
2019	1	106119109	SALONI GORDHAN RAKHOLIYA	9.83
2019	2	106119041	G PAVITHRA	9.79
2019	3	106119042	G SUBHASREE	9.71

2019	3	106119052	INDRESH P	9.71
2020	1	106120122	SNEHA ANN REJI	10
2020	2	106120018	ASHWIN A	9.67
2020	3	106120038	GOPU YESHWANTH REDDY	9.6
2021	1	106121078	M MUHAMMAD NAWFAL MEERAN	9.87
2021	2	106121100	RAHUL SRIRAM	9.79
2021	3	106121092	PRAJWAL SUNDAR	9.64
2021	3	106121099	RAGHAVAN BALANATHAN	9.64

B. Tech. / ELECTRICAL AND ELECTRONICS ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	107119051	ISHIKAA LUNAWAT	9.96
2019	1	107119056	J SOUNDARYA	9.96
2019	1	107119135	VISWESWARAN B	9.96
2019	2	107119017	ANAND KUMAR	9.71
2019	3	107119001	ABDUL KADAR JAHANGIR	9.62
2020	1	107120110	SHAKAMBARI SAXENA	9.9
2020	2	107120053	H R S S NAGAVALLI CHATLA	9.82
2020	3	107120100	REVANTH S	9.57
2021	1	107121081	R KRISHNA	9.9
2021	2	107121055	MAYANK PACHAURI	9.58
2021	3	107121009	ANURAG SANDIP JAGTAP	9.4
2021	3	107121110	SUNDARAM S V	9.4

B.Tech. / ELECTRONICS AND COMMUNICATION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	108119041	HARINI SABAPATHY	9.92
2019	2	108119073	NILOFER NISHA MOHAMED KANI	9.71
2019	2	108119107	SENTHILNATHAN S	9.71
2019	3	108119075	NIRUPAMA K G	9.62
2020	1	108120097	PREM SATHAN L	9.84
2020	2	108120014	ARSHDEEP	9.73
2020	3	108120043	HARSHINEE MURALI	9.64
2021	1	108121051	JAYASHREE M	9.94
2021	2	108121062	KUNAL VINODH KUMAR HINDUJA	9.82
2021	3	108121048	IPPILI TASWIN	9.57

B.Tech. / INSTRUMENTATION AND CONTROL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	110119095	SAIRAM K	9.76
2019	2	110119075	P ADARSH	9.71
2019	3	110119076	PEDANAYUNI VENKATA SAI	9.54
2020	1	110120009	ALWIS GURU K V	9.76
2020	2	110120061	K V SWETHA	9.7
2020	2	110120089	RAHUL RAAGHAV A	9.7

2020	3	110120012	ANIKET MITTAL	9.65
2021	1	110121018	ARYAN AGARWAL	9.77
2021	2	110121107	S V RAMAKRISHNAN	9.47
2021	3	110121002	AASHIKA G	9.38

B.Tech. / MECHANICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	111119072	NACHIKET AJAY KULKARNI	9.86
2019	1	111119141	YATIN SHANKAR NARAYANAN	9.86
2019	2	111119056	K R JAI KESAV	9.78
2019	3	111119112	JAVLE SHANKAR RAJENDRABHAI	9.71
2020	1	111120142	YASH ASHOK KUMAR PATEL	9.72
2020	2	111120072	K JOTHIKA	9.66
2020	3	111120137	VAKULA VENKATESH	9.57
2021	1	111121134	VISHWAS B	9.6
2021	2	111121077	NAMAN GOVIL	9.56
2021	3	111121095	RANJEETH KUMAR A R	9.54

B.Tech. / METALLURGICAL AND MATERIALS ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	112119009	ALOK PANDEY	9.58
2019	2	112119043	MOHD UZAIR UL HAQUE	9.5
2019	3	112119048	NANDHA DEVAN D	9.38
2020	1	112120001	AADHARSHINI G	9.96
2020	2	112120036	M RISHIKA	9.87
2020	3	112120003	ANAGH DUTTA	9.81
2021	1	112121072	VAIKUNDARAMAN T S	9.44
2021	2	112121045	R ASHWIN	9.27
2021	3	112121033	MUNDHE SIDDHANT HARI	9.04

B.Tech. / PRODUCTION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2019	1	114119012	ANURAAG DASH	9.83
2019	1	114119112	S THANIKAI SATHIYAN	9.83
2019	2	114119109	SREE RANJANE M K	9.79
2019	3	114119075	NIRMAL M	9.72
2020	1	114120115	VEJAYATHERAJ SE	9.83
2020	2	114120013	ANSHU	9.79
2020	3	114120019	ARULL MURUGAN S	9.6
2021	1	114121017	CHITRANSH JAIN	9.71
2021	2	114121014	B.M.MADHESH	9.53
2021	3	114121024	D K VARUN NEVASH	9.35

B.Tech. / I YEAR (2022)

Batch	Rank	Roll Number	Name	CGPA
2022	1	106122100	REETHIKKA S S	9.92
2022	1	114122076	PRANAV G	9.92
2022	2	102122027	E ADITYA	9.88
2022	2	106122047	GAURI SANKARAN NEDUMBAMANA	9.88
2022	3	108122040	JAI SIBYL TIARA	9.85
2022	3	111122122	SRI HARI PRIYA SR	9.85
2022	3	112122049	RASHMI B N	9.85

M.Tech. / CHEMICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	202121013	KUMARAN NAGAPPAN K	8.91
2021	2	202121011	CHARAN M R	8.85
2021	3	202121010	BOLABATTIN SHIVARAJ	8.71
2022	1	202122014	MOHAMED ABUBACKER S I	9.46
2022	2	202122006	DEWANSH	9.02
2022	3	202122011	LISHMA P L	8.98

M.Tech. / PROCESS CONTROL AND INSTRUMENTATION

Batch	Rank	Roll Number	Name	CGPA
2021	1	202221008	DHOLE SHUBHAM RAJU	9.64
2021	2	202221002	AMARNATH K	9.05
2021	3	202221020	SHWETA JAISWAL	8.86
2022	1	202222015	TUSHAR	9.18
2022	2	202222012	SAMRAT JYOTI CHOUDHURY	8.45
2022	3	202222010	PATHAKAMURI VENKATESH	8.35

M.Tech. / TRANSPORTATION ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2021	1	203121016	RAMADASU NIVEDITHA	9.42
2021	2	203121004	ARNAV A BARNWAL	9.33
2021	3	203121020	SARANAM VENKATA SAI CHARAN	9.27
2022	1	203122020	REET CHANDUKA	9.86
2022	2	203122007	DIPTENDU BISWAS	9.52
2022	3	203122004	ANINDYA BANDYOPADHYAY	9.4

M.Tech. / STRUCTURAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	203221020	DHANAWADE ROHIT SUNIL	9.15
2021	2	203221002	AKHIL GEORGE THOMAS	9.06
2021	3	203221004	ARUN KUMAR H	8.94
2022	1	203222005	ANISHA ANIL	9.43

2022	2	203222015	MADAN KUMAR G K	9.17
2022	3	203222023	PRATHIBHA V	9.12

M.Tech. / ENVIRONMENTAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	203421004	ALAYNA MARIYA	9.39
2021	2	203421015	NANDAN A K	9.32
2021	3	203421006	ANUPRIYA A V	9.2
2022	1	203422016	RAHUL T P	9.6
2022	2	203422024	SURYAWANSHI HEMLATA DILIP	9.36
2022	3	203422002	DEVAVARAPU CHANDU	9.17

M.Tech. / CONSTRUCTION TECHNOLOGY AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2021	1	203521030	DAMANJEET SINGH PAHUJA	9.77
2021	2	203521012	KAVYAA S	9.36
2021	3	203521027	SOUMYODEEP CHATTERJEE	9.2
2022	1	203522014	MUDIMADUGULA PAVANKUMAR	9.2
2022	2	203522002	APIREDDYGARI KEERTHI	9.12
2022	3	203522015	NERELLA KAMESWARI SANDHYA	9

M.Tech. / GEOTECHNICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	203621020	SOUNDARYA G	9.52
2021	2	203621009	JAYANTI MAHA LAKSHMI	9.35
2021	3	203621015	PARTHIBAN C	9.27
2022	1	203622022	THARUNSARATHY S	9.5
2022	2	203622024	VYSHNA P V	9.07
2022	3	203622002	ALEX VARGHESE KANNETH	8.88

M.Tech. / DATA ANALYTICS

Batch	Rank	Roll Number	Name	CGPA
2021	1	205221008	DIDUGU PHANI SAI GANESH	9.73
2021	2	205221009	HIRAY YASH RAJESH	8.91
2021	3	205221015	NIKHIL RAJ	8.77
2022	1	205222003	ANIKET KUMAR	9.42
2022	2	205222018	SHIVANSHU ANANT SURYAKAR	9.27
2022	3	205222009	GONTU HEMANT LAKSHMAN	9.11

M.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	206121013	DIBYENDU PAUL	9.48
2021	2	206121032	AGRAWAL SURBHI RADHESHAM	9.38

2021	3	206121025	NARODIA PARTH PANKAJBHAI	9.33
2022	1	206122027	TALHA ANWAR	9.31
2022	2	206122025	SIDDHARTH SHANKAR DEBATA	9.26
2022	3	206122029	THEPALE PRATIK VINODRAO	8.95

M.Tech. / POWER SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2021	1	207121022	SANNIDHI K V D SATYA SAI KRISHNA	9.56
2021	2	207121027	SHANKHA PRAMANICK	9.11
2021	3	207121013	MADHAN N	8.88
2022	1	207122032	V VIJAY	9.35
2022	2	207122009	BOTTA PRUDHVI	8.98
2022	3	207122015	MANISH KUMAR PANDEY	8.9

M.Tech. / POWER ELECTRONICS

Batch	Rank	Roll Number	Name	CGPA
2021	1	207221018	M C BLESSEN	9.11
2021	2	207221017	MAYURI AWDHUT DONGRE	9.05
2021	3	207221014	MAYURESH KARALE	8.88
2022	1	207222031	THAMIZHSELVAM M P	9.55
2022	2	207222009	GANDAVARAPU MAHIDHARREDDY	9.5
2022	3	207222026	SHAIK SHARUK	9.1

M.Tech. / COMMUNICATION SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2021	1	208121009	JOSYULA PADMAJA LAKSHMI	9.39
2021	2	208121013	KOTTURI SAI HARSHITHA	9.36
2021	3	208121011	KAMJULA DIVYA SRI	9.33
2022	1	208122001	ABHISHEK P	9.57
2022	2	208122031	TETALA VISHNU PRIYA	9.21
2022	3	208122016	KANTHALA APARNA	9.19

M.Tech. / VLSI SYSTEM

Batch	Rank	Roll Number	Name	CGPA
2021	1	208221005	ARJIT GUPTA	9.39
2021	2	208221011	CHAUDHARI PRATHMESH RAOSAHEB	9.33
2021	3	208221013	DESHMUKH ONKAR SANJEEVAN	9.15
2022	1	208222019	KUNDA KAVYA	9.74
2022	2	208222026	PUTREVU SAIPRAKASH	9.71
2022	3	208222020	KURUBA ANUSHA	9.4

M.Tech. / ENERGY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	202321009	JADHAV NITIN DHANAJI	9.38
2021	2	202321005	ANJAN MUKHERJEE	9.14

2021	3	202321011	KAUSHIK ANUSHK ANOOP	9.02
2022	1	202322006	DIVYANSHU PRAKASH	9.24
2022	2	202322019	SODHA MEETRAJSINH NARENDRASINH	8.98
2022	3	202322008	MEGHANI JAYESH SUNILKUMAR	8.76

M.Tech. / INDUSTRIAL AUTOMATION

Batch	Rank	Roll Number	Name	CGPA
2021	1	210121013	P ABHISHEK	9.39
2021	2	210121008	GORRIPATI SAI PAVANI	8.88
2021	3	210121003	AKHASH V	8.73
2021	3	210121018	SANTHOSH J	8.73
2022	1	210122015	SAILAKSHMI P V	9.58
2022	2	210122014	RANKHAMB PAVAN GAJANAN	9.22
2022	3	210122010	PATIL JITESH ANIL	9.15

M.Tech. / INDUSTRIAL SAFETY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	211221018	SAURABH KUMAR GUPTA	9.45
2021	2	211221027	VIJITHRA V	9.17
2021	3	211221025	T BALA PRASANNA KUMAR	9.06
2022	1	211222023	SUSHANT SIDDHEY	9.48
2022	2	211222001	AKSHAY C	9.22
2022	3	211222004	ANOOP R S	9

M.Tech. / THERMAL POWER ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	211321026	SEETHALA GOKULSAI	9.53
2021	2	211321035	YATNA BHAGAT	9.42
2021	3	211321029	SOUMYA RANJAN BEHERA	9.34
2022	1	211322017	KANDAGATLA SRINATH	9.65
2022	2	211322034	YEMPADA YUGESH	9.52
2022	3	211322012	DIVYANSHU GUPTA	9.15

M.Tech. / WELDING ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2021	1	212121009	PIYUSH KUMAR	9.35
2021	2	212121017	SREEHARI M	9.18
2021	3	212121006	DINESH KUMAR SHARMA	9
2022	1	212122013	SANKERANAND K R	9.36
2022	2	212122004	ARCHIT	8.93
2022	3	212122011	RAVI KUMAR	8.69

M.Tech. / MATERIAL SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
-------	------	-------------	------	------

2021	1	212221019	VARIKOOTI BHAVANI	9.45
2021	2	212221016	S SRAVANI	9.08
2021	3	212221009	OM PRATAP SINGH	9.03
2022	1	212222012	RAGHUL RAJ R	9.22
2022	2	212222016	SURYA K	9.17
2022	3	212222014	SATYAM SARATHE	8.51

M.Tech. / INDUSTRIAL METALLURGY

Batch	Rank	Roll Number	Name	CGPA
2021	1	212321005	MAYUR BHATTACHARJEE	9.23
2021	2	212321003	KURANE ASHISH SANJAY	8.97
2021	3	212321009	VENKAT PRASAD DANDSENA	8.88
2022	1	212322010	VISHNU M	9.85
2022	2	212322007	KRISHNA KUMAR R	9.1
2022	3	212322008	RESHU SHARMA	9.07

M.Tech. / NON-DESTRUCTIVE TESTING

Batch	Rank	Roll Number	Name	CGPA
2021	1	213121024	PRASHANT KUSHWAHA	9.42
2021	2	213121025	MANEESH SHETTY K	9.22
2021	3	213121012	KESHAV SHARMA	9.08
2021	3	213121013	KUMBHAR SHUBHAM BABASAHEB	9.08
2022	1	213122002	ALAPATI YAGNA SURYA VAMSIKRISHNA	9.4
2022	2	213122014	RAJESH LAYEK	9.2
2022	3	213122017	ROUTHU DEVASAI	8.8

M.Tech. / MANUFACTURING TECHNOLOGY

Batch	Rank	Roll Number	Name	CGPA
2021	1	214121005	ARIJIT BERA	9.76
2021	2	214121018	KONDURI SOWMYA SAHITI	9.47
2021	3	214121009	DEORE SHUBHAM ASHOK	9.26
2022	1	214122029	SUROJ SINGH	9.41
2022	2	214122023	SAHUKARU RISHIKESH	9.35
2022	3	214122022	PRAJJWAL GOYAL	9.3

M.Tech. / INDUSTRIAL ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2021	1	214221028	SHIVAM AGGARWAL	9.55
2021	2	214221011	LALAM PHANENDRA KUMAR	9.52
2021	3	214221005	BIDYADHAR SAHOO	9.43
2022	1	214222015	MILIND JAISWAL	9.56
2022	2	214222016	NEDUNURI JAGADESWARA RAO	9.38
2022	3	214222009	ENDAMURI JAJI ASHOK	9.24

M.Arch. / ENERGY EFFICIENT AND SUSTAINABLE ARCHITECTURE

Batch	Rank	Roll Number	Name	CGPA
2021	1	201121013	NITIKA SUTTY	9.43

2021	2	201121001	ACHU PETER	9.23
2021	3	201121010	MISHMA MIRIAN JACOB	9.15
2022	1	201122023	TANINKI NIHARIKA	9.42
2022	2	201122010	MILAN BEN	9.19
2022	3	201122013	PURVI PUNAMCHANDE NIRMALA	9.17

MSc / CHEMISTRY

Batch	Rank	Roll Number	Name	CGPA
2021	1	204121015	PULKIT DHANKHAR	8.89
2021	2	204121022	VARSHA SATHISH POOJARY	8.79
2021	3	204121010	HARIPRASAD R	8.68
2022	1	204122016	SAJAL SAXENA	9.03
2022	2	204122012	PAVIN T	8.97
2022	3	204122018	SHAMEEMA K K	8.74

MSc / COMPUTER SCIENCE

Batch	Rank	Roll Number	Name	CGPA
2021	1	205321025	SUDHANSHU SAURAV	9.28
2021	2	205321024	SOUMYADIP GOSWAMI	9.24
2021	3	205321008	NAMAN SHAH	9
2022	1	205322022	SUNDARRAMAN MADHUSUDANAN	9.85
2022	2	205322008	DIVYA	9
2022	3	205322004	BHAVSAR KIRTI PRAKASH	8.95

M.Sc. / MATHEMATICS

Batch	Rank	Roll Number	Name	CGPA
2021	1	216121004	DSOUZA VIONA VALERIAN	9.9
2021	2	216121019	SUMAN KALYAN CHOWDHURY	9.68
2021	3	216121008	MANISHA	9.19
2022	1	216122007	KUNDAN KUNDU CHOWDHURY	9.91
2022	2	216122001	ARITRA DASGUPTA	9.03
2022	3	216122005	KEYA BERA	8.88

MSc / PHYSICS

Batch	Rank	Roll Number	Name	CGPA
2021	1	213221016	POOJA SINGH TOMAR	9.25
2021	1	213221024	KANAPARTHI SRIKAR	9.25
2021	2	213221028	PRANAT KUMAR PANDA	9.21
2021	3	213221019	SAIYAM SAKHUJA	8.86
2022	1	213222018	MOUSAM DEY	9.42
2022	2	213222007	ANSHUMAN SASMAL	9.33
2022	3	213222014	KIRAN	9

MCA / COMPUTER APPLICATIONS

Batch	Rank	Roll Number	Name	CGPA
2020	1	205120103	SIMRAN GARG	10
2020	2	205120034	HIMANSHI BANSAL	9.76
2020	3	205120027	DEEPEEKA	9.66
2021	1	205121004	ABHILASH SINGH	9.84
2021	2	205121008	AISHWARYA TRIPATHI	9.68
2021	3	205121051	LEEPAKSHI YADAV	9.66
2022	1	205122020	CHIRAG AGARWAL	9.92
2022	2	205122080	RISHIKESH BHAKARE	9.52
2022	3	205122078	RISHABH JAIN	9.4

MBA / MANAGEMENT STUDIES

Batch	Rank	Roll Number	Name	CGPA
2021	1	215121066	RITIKA GUPTA	9.72
2021	2	215121021	DEEPTI SUSAN JOHN	9.17
2021	3	215121049	MOKESH KUMAR V	9.11
2022	1	215122015	AUGUSTUS VIVEK R	9.27
2022	2	215122004	ABHISHEK RAUSHAN	9.23
2022	3	215122030	KEVIN THOMAS JOSEPH	9.16
2022	3	215122051	RAJA SHRI M	9.16

MASTER OF ARTS / (ENGLISH)

Batch	Rank	Roll Number	Name	CGPA
2021	1	209121001	J AAKASH	9.91
2021	1	209121012	NANDHITHA M	9.91
2021	2	209121006	DAN GEORGE	9.53
2021	3	209121014	NIRANJANA K MANI	9.25
2022	1	209122007	DEEKSHA S V	9.17
2022	1	209122010	JASIR P P	9.17
2022	1	209122014	MEERA RAMESH M	9.17
2022	2	209122002	ALIZA MERIA MATHEW	9.08
2022	3	209122018	SANDRA SHAJI R	8.83

5. 5. 2. Endowment Awards

Sl. No.	Name of the award	Roll No	Name
1.	Smt. G. S. Rajalakshmi memorial award presented to First three Rank holder upto VII Semester in Chemical Engineering.	102120029	DIVYADHARSHINI D S
		102120067	R VISHNU BHARADWAJ
		102120022	BAVISHI JAINA KETANKUMAR
2.	Dr. M. Shanmugam award for the First Rank holder upto VII Semester in Civil Engineering.	103120011	A MUKESH SUNDAR
3.	Sri. Karchae Endowment award for the best project in the Department of Architecture	101118047	VIJAY AADITHYA G R

4.	Sri. M. S. Balakumaran award for the best outgoing student of M.Tech. NDT	213122002	ALAPATI YAGNA SURYA VAMSI KRISHNA
5.	Prof. S. Muthukaruppan Endowment award for the second Rank holder in EEE Branch up to VII Semester.	107120110	SHAKAMBARI SAXENA
6.	Sri. Janardhana Iyengar memorial Award for the best Academic Performance in just concluded academic year.	107119056	J SOUNDARYA
7.	Smt. Seethamma memorial award for the First Rank holder upto VII Semester in the ECE Branch.	108120043	HARSHINEE MURALI
8.	Dr. Sargurudoss memorial award for the Best performance in Mathematics in I Year B.Tech.	107122113	SPANDAN BISWAS
9.	Sri. Avinash memorial award for the best outgoing male student of ICE branch	110120106	SOORAJ SUBRAMANIAM E P
10.	Sri. Avinash memorial award for the best outgoing female student of ICE branch	110120061	K V SWETHA
11.	Prof. Ibrahim / Dr.Sittaraman Award for the best outgoing student of DoMS	215122075	SRIVATSAV S
12.	Prof. Thirumalaiaarasan Award for the Topper in HR and OB Subjects in MBA	215122087	VISHAL KUMAR BOTHRA M
13.	Srimathi Neela Balasubramanian Memorial Award for best outgoing student in ECE branch	108120043	HARSHINEE MURALI
14.	Karthik S Memorial Award for the First Rank Holder upto VII semester in B.Tech. Production Engineering.	114120013	ANSHU
15.	Smt. Vijayalakshmi Kannan Memorial Award for the First Rank Holder upto VII semester in B.Tech. ECE	108120043	HARSHINEE MURALI
16.	Late S. Doraiswamy Memorial Award for the First Rank Holder upto III semester M.Tech. industrial safety Engineering.	211222023	SUSHANT SIDDHEY
17.	Sri. Ramanujam and Smt. Sundari Ramanujam Memorial Award for the first rank holder in English in B.Tech.	111122018	ARYAN L HASANABADI
		111122032	DEEPANSHI
18.	Mr. Subash Chandrabose Endowment Award for the Best Outgoing in B.Tech. MME	112120036	M RISHIKA

19.	Dr. A. L. Abdus Sattar, Memorial Award for the outstanding student in III year ECE	108121051	JAYASHREE M
20.	Mr. Oisik Adak endowment award for “Best Creative Designer” in the department of Architecture	101119036	NIHARIKA SAINI
21.	Joseph Martin Fernando trophy for excellence in the study and Documentation of vernacular architecture	101120038	RAJA SUBHASINI M
22.	Dr. Josephine Frank Memorial Scholarship for Graphic Design	101121058	VISHNUPRIYA V K
		101121041	SAI KEERTHANA VIDHYA SANJEEVI
		101121014	HRISHIKESH P
23.	S J Chainlu medal of Excellence (For the First Rank Holder in the First year)		
	1. Chemical Engineering	102122027	E ADITYA
	2. Civil Engineering	103122107	UNNITHAN ARUNESH SURESH
	3. Computer science and Engineering	106122100	REETHIKKA S S
	4. Electrical and Electronics Engineering	107122101	SATVARA JAY VIPUL
	5. Electronics and Communication Engineering	108122040	JAI SIBYL TIARA
	6. Instrumentation and Control Engineering	110122051	KIRTHIK M
	7. Mechanical Engineering	111122122	SRI HARI PRIYA SR
	8. Metallurgical and Materials Engineering	112122049	RASHMI B N
	9. Production Engineering	114122076	PRANAV G
24.	Prof. J. Raja award (highest CGPA in all Accounting and Finance subjects in First Year MBA)	215123064	PALACHARLA SAI S VIRAJ CHOWDARY
25.	Prof. K. S. Pandey memorial Outstanding Student Award (The student should be within the top 10% of the class or within top 10 ranks of the class based CGPA at the end of 7th Semester and also be active in sports activities)	112120036	M RISHIKA

26.	Prof. K. S. Pandey memorial Academic Achievement Award for the academically best student based on CGPA at the end of five semesters of the B.Tech. (MME) programme	112121072	VAIKUNDARAMAN T S
27.	Best outgoing student of MME M/s Chennai Metco Pvt.Ltd Chennai	112120003	ANAGH DUTTA
28.	Mettalographic contest winner M/s Chennai Metco Pvt.Ltd Chennai	112120049	RAJ SAMNANI
		112120001	AADHARSHINI G
29.	Best NCC Cadet	110120070	MATHWALE ABHISHEK BASWARAJ
30.	Anjali Surendran Endowment Award for the best out-going undergraduate student from Production Engineering Department	114120020	ARUNPRABHAKAR P
31.	Dr. S. H. Ibrahim memorial award Best outgoing student in B.Tech. Chemical Engineering	102120029	DIVYADARSHINI D S
32.	Dr. S. H. Ibrahim memorial award Best Student in the Field of 'MASS TRANSFER' in B.Tech. (Chemical Engineering)	102120067	R VISHNU BHARADWAJ
33.	RECT'78 alumni medal for the best outgoing girl student	108120043	HARSHINEE MURALI

5.5.3. Alumni Awards

B.Arch. / B.Tech.

Sl. No.	Department	Roll No.	Name	CGPA
1.	Architecture	101119036	NIHARIKA SAINI	9.56
2.	Chemical Engineering	102120029	DIVYADHARSHINI D S	9.46
3.	Civil Engineering	103120011	A MUKESH SUNDAR	9.69
4.	Computer Science and Engineering	106120122	SNEHA ANN REJI	9.79
5.	Electrical and Electronics Engineering	107120110	SHAKAMBARI SAXENA	9.71
6.	Electronics and Communication Engineering	108120043	HARSHINEE MURALI	9.57
7.	Instrumentation and Control Engineering	110120012	ANIKET MITTAL	9.65
8.	Mechanical Engineering	111120142	YASH ASHOK KUMAR PATEL	9.74

9.	Metallurgical and Materials Engineering	112120036	M RISHIKA	9.77
10.	Production Engineering	114120013	ANSHU	9.55

M.Arch. / M.Tech. / M.Sc. / MCA / MBA / MA

S.No.	Dept./Specialization	Roll. No.	Name	CGPA
1.	Architecture	201122023	TANINKI NIHARIKA	9.31
2.	Chemical Engineering			
	Chemical Engineering	202122014	MOHAMED ABUBACKER S I	9.36
	Process Control and Instrumentation	202222015	TUSHAR	9.13
3.	Energy and Environment			
	Energy Engineering	202322006	DIVYANSHU PRAKASH	9.35
4.	Civil Engineering			
	Transportation Engineering and Management	203122020	REET CHANDUKA	9.67
	Structural Engineering	203222005	ANISHA ANIL	9.56
	Environmental Engineering.	203422016	RAHUL T P	9.69
	Construction Technology and Management	203522014	MUDIMADUGULA PAVANKUMAR	9.38
	Geo Technical Engineering	203622022	THARUNSARATHY S	9.61
5.	Computer Science and Engineering			
	Computer Science and Engineering	206122027	TALHA ANWAR	9.46
6.	Electrical and Electronics Engineering			
	Power Systems	207122032	V VIJAY	9.5
	Power Electronics	207222031	THAMIZHSELVAM M P	9.42
7.	Electronics and Communication Engineering			
	Communication Systems	208122001	ABHISHEK P	9.44
	VLSI System	208222026	PUTREVU SAIPRAKASH	9.78
8.	Instrumentation and Control Engineering			
	Industrial Automation	210122015	SAILAKSHMI P V	9.67
9.	Mechanical Engineering			
	Industrial Safety Engineering	211222023	SUSHANT SIDDHEY	9.6
	Thermal Power Engineering	211322017	KANDAGATLA SRINATH	9.73
10.	Metallurgy and Materials Engineering			
	Welding Engineering	212122013	SANKERANAND K R	9.5
	Materials Science and Engineering	212222012	RAGHUL RAJ R	9.4
	Industrial Metallurgy	212322010	VISHNU M	9.89
11.	Production Engineering			
	Manufacturing Technology	214122029	SUROJ SINGH	9.33
	Industrial Engineering and Management	214222015	MILIND JAISWAL	9.65
12.	Physics			
	Non-Destructive Testing (M.Tech.)	213122002	ALAPATI YAGNA SURYA VAMSI KRISHNA	9.54
	Physics (M.Sc.)	213222018	MOUSAM DEY	9.29
	Physics (M.Sc.)	213222007	ANSHUMAN SASMAL	9.29
13.	Chemistry			
	Chemistry (M.Sc.)	204122016	SAJAL SAXENA	9
14.	Mathematics			

	Mathematics (M.Sc.)	216122007	KUNDAN KUNDU CHOWDHURY	9.94
15.	Management Studies			
	Master of Business Administration	215122057	SANDRA ALINA JOSE	9.27
16.	Computer Applications			
	Data Analytics (M.Tech.)	205222018	SHIVANSHU ANANT SURYAKAR	9.42
	Master of Computer Applications	205121004	ABHILASH SINGH	9.72
	Computer Science (M.Sc.)	205322022	SUNDARRAMAN MADHUSUDANAN	9.45
17.	Humanities & Social Sciences			
	English Language & Literature	209122014	MEERA RAMESH M	9.28

OTHER AWARDS (INSTITUTED BY RECAL)

Sl. No.	Name of the award	Roll No.	Name
1.	Overall Outstanding Student of the Year	103120041	HARSHITHA S
2.	Anand Chidambaram Memorial Award	102120050	NIVETHA R
3.	Outstanding Sportsman	112120042	PRABHAKARAN D S, Metallurgical and Materials Engineering, Swimming Team
4.	Outstanding Sport Woman	101119026	KAVIYA S, Department of Architecture Athletics
5.	Best Batsman of the year	106120094	S RAHUL SHANKER, Computer Science and Engineering Cricket Team
6.	Best Bowler of the year	211323018	KARTHICK S S, Mechanical Engineering (M. Tech.) Cricket Team

5.6 ACHIEVEMENTS BY FACULTY

The faculty members were recognized for their contributions to NIT Tiruchirappalli in terms of Research publications, Citations, Sponsored Research Projects, Consultancy works, Patent Filed & Granted.

5. 6. 1. Publications (Scholarly Output and Publications in Q1 Journal Quartile by SJR)

Sl.No	Departments	Research Articles	Publications in Q1 Journal Quartile by SJR	Publications in Q2 Journal Quartile by SJR
1	Department of Architecture	13	6	2
2	Department of Computer Applications	97	25	13

3	Department of Chemical Engineering	57	19	15
4	Department of Chemistry	89	46	27
5	Department of Civil Engineering	136	38	39
6	Department of CSE	119	19	24
7	Department of ECE	133	5	37
8	Department of EEE	108	24	22
9	Department of Energy & Environment	12	6	3
10	Department of Humanities	39	21	8
11	Department of ICE	42	10	12
12	Department of management Studies	37	21	9
13	Department of Mathematics	57	23	20
14	Department of Mechanical Engineering	81	24	40
15	Department of MME	40	10	22
16	Department of physics	64	17	28
17	Department of Production Engineering	93	24	36

(Note: SJR: Scimago Journal & Country Rank) Q1 to Q4 refer to journal ranking quartiles within a sub discipline using the SJR citation index. Thus, a first quartile journal (i.e., Q1) has an SJR in the top 25% of journals for at least one of its classified sub disciplines. SCImago Journal Rank (SJR indicator) is a measure of scientific influence of scholarly journals that accounts for both the number of citations received by a journal and the importance or prestige of the journals where such citations come from.

5. 6. 2. Sponsored projects, Consultancy projects and Short-term courses for the Financial year 2023-24

S. No.	Departments	Sponsored Projects		Consultancy (in Lakhs)	Revenue through short term courses (in Lakhs)
		Nos.	Values (in Lakhs)		
1.	Chemical Engineering	2	21.90	0.59	-
2.	Chemistry	4	212.63	12.08	0.22
3.	Civil Engineering	7	820.90	5.92	-
4.	Computer Applications	-	-	367.91	-
5.	Computer Science Engineering	3	89.57	0	-
6.	Electrical and Electronics Engineering	1	48.18	2.33	-
7.	Electronics and Communication Engineering	5	171.90	6.06	-
8.	Energy and Environment	1	8.61	2.74	-

S. No.	Departments	Sponsored Projects		Consultancy (in Lakhs)	Revenue through short term courses (in Lakhs)
		Nos.	Values (in Lakhs)		
9.	Instrumentation and Control Engineering	2	34.52	1.55	-
10.	Management Studies	2	60.14	10.00	-
11.	Mathematics	-	-	0	-
12.	Mechanical Engineering	3	62.34	0	-
13.	Metallurgical and Materials Engineering	1	31.67	4.48	-
14.	Physics	-	-	11.22	-
15.	Production Engineering	4	153.21	0	-
16.	Siemen Centre of Excellence	-	-	1.14	-
17.	Humanities	1	5.00	6.25	1.77
Total		36	1720.57	432.27	1.99

5. 6. 3. Details of Sponsored projects for the Financial year 2023-24

S. No.	Name of PI/ Co-PI	Departme nt	Title of the Project	Funding Agency	Sanctioned Date	Sanctioned amount (Rs.)
1	Dr.S.PRASANNA VENKATESAN.S	PRO	Refurbishment of EOL personal computers/laptops with a focus on higher education institutions	EBSB	22-03-2023	5,44,000.00
2	Dr.R.Senthilkumar	CIV	Emerging Alternative Construction Technology for the Affordable lightweight housing in seismic prone areas	SERB	14-06-2023	20,33,900.00
3	Dr.Debashis Majhi	CHY	Inspire faculty Fellowship (Dr.Debashis Majhi)	DST- Inspire Faculty Award **	30-08-2023	1,10,00,000.00
4	Dr.K.N.Sheeba	CHL	"Development of smart foods, bio-composites, Green packaging and bio-energy from Agro-residues"	ICAR NASF	01-04-2024	6,76,315.00
5	Dr.Arthanareeswaran	CHL	Fabrication of multibore hollow fiber ultrafiltration and nanofiltration membranes enabled by nanostructured nanomaterials for water treatment	PFMS - DST	03-07-2023	15,13,680.00
6	Dr.V.Sunitha	CIV	Laboratory and Field Performance Investigation of Rural Roads Stabilised with RBI Grade-81	NRRDA	26-08-2023	26,14,000.00
7	Dr.Muthukkumaran K	CIV	Soil-Monopile-Wave interaction study for monopile supported offshore wind turbine	SPARC - PFMS Scheme 3614	28-07-2023	45,13,610.00

8	Dr.S.Velmathi	CHY	Novel Technology for Residual Methane Abatement in Automotive Applications	SPARC - PFMS Scheme 3614	28-07-2023	41,36,120.00
9	Dr.Nivethitha S	MB A	Role of HRM practices, Psychological Contract and Socioeconomic Factors in Gig Economy	SPARC - PFMS Scheme 3614	28-07-2023	41,02,320.00
10	Dr.Kunwar Singh	CSE	Privacy Preserving and Secure Blockchain Technology and its Applications in Financial Sector	SPARC - PFMS Scheme 3614	28-07-2023	49,15,144.00
11	Dr.R.Prakash	MECH	Low Impact Damage Detection in Composite Plate using Modal Data and Shearlet Analysis	DRDO-AR & DB	06-09-2023	17,18,550.00
12	Dr.K.Muthukkumaran	CIVIL	Innovative and Environment Friendly Ground Improvement Technique for Mitigate Seismic Soil Liquefaction Risk	SERB	11-09-2023	35,73,900.00
13	Dr. MANI PUJITHA ILLA	MM E	Fabrication of NASICON-structured Flexible Nanofibrous Electrolyte Sheets for All-Solid-State Sodium-Ion Batteries	SERB	06-10-2023	31,68,600.00
14	Dr.Deepak Deelip Patil	PRO	Micro-nano structured urinary catheters to minimize catheter-associated urinary tract infections (CAUTI)	STARS	26.09.2023	73,62,400.00
15	Dr.Duraiselvam	PRO	Improvement of thermo-mechanical properties of aero-turbine blades through 3D printed auxetic structures	DST	20-11-2023	45,87,668.00
16	Dr.Suresh	MECH	Advanced thermal insulation system comprising of Nano Lignin core Vacuum insulation panels (VIPs) and Micro Encapsulated phase change materials (MEPCM)	SPARC	28-07-2023	38,55,740.00
17	Dr.K.Muthukkumaran	CIV	Municipal solid waste (soil like materials) and geotextile interaction study for pavement subgrade and embankment application in soft ground	MoT-NTTM	17-07-2023	30,00,000.00
18	Dr.C.Mala	CSE	Development of Engine Performance Monitoring Module using Machine Learning Techniques	DRDO	12-12-2023	15,43,100.00
19	Dr.Venkatakirithiga	EEE	Intelligent controller for electric vehicle charging through wind energy conversion systems	SPARC - PFMS Scheme	28-07-2023	48,17,740.00

20	Dr.V.K.Karthika	HSS	Tribal Freedom Fighters of Wayanad	ICSSR	22-08-2023	5,00,000.00
21	Dr. Arivazhagan C	CHY	Chiral Donor/Acceptor Decorated Multi-Resonance Thermally Activated Delayed Fluorescence Emitters for Highly Efficient Narrowband Circularly Polarized Luminescence	SERB	26-10-2023	33,00,000.00
22	Dr.Kirubakaran J	MB A	Ministry of Skill Development and Entrepreneurship (Pradhan Mantri Kaushal Vikas Yojna (PMKVY 4.0) - SKILLHUB	Project	19-10-2023	1911514.37
23	Dr.VARUN P. GOPI	ECE	Ultra Low Power SHAKTI RISC V Based Lightweight Edge AI Processor for IoT enabled Healthcare Applications	MEITY	15-01-2024	96,00,000.00
24	Dr.VARUN P. GOPI	ECE	Automated Segmentation and Analysis of Neonatal and Infant Brain Magnetic Resonance Images	SERB	05-01-2024	22,93,348.00
25	Dr.S.Jaya Nirmala	CSE	Predictive Coding for Identification of Ratio Decidendi in Indian Judicial Decisions	SERB	30-01-2024	24,98,771.00
26	Dr. S.S.Karthikeyan	ECE	"Design and Development of Fluidically Reconfigurable Devices using 3D Printing Technology for Future Millimeter Wave / 6G Applications	SERB	18-01-2024	29,47,472.00
27	Dr. S.Deivalakshmi	ECE	Deep Learning based Hyperspectral Image Super Resolution of Cultural Heritage Analysis	SERB	25-01-2024	16,89,456.00
28	Dr. P.A.Karthick	ICE	Development of Physics Informed Machine Learning Models for the Prediction of Fatigue in Calf Muscles	SERB	18-01-2024	17,75,400.00
29	Dr. P.A.Karthick	ICE	Development of Novel Multimodal Fatigue Scoring System for Improving Neck and Cervical Spine Health	SERB	23-01-2024	16,76,400.00
30	Dr.R.Prakash	MECH	Nonlocal and Nonlinear Vibration analysis of Functionally Graded Cracked Euler-Bernoulli Nanobeam	SERB	01-02-2024	6,60,000.00
31	Dr. Sudharsan Parthasarathy	ECE	Stochastic Geometry Analysis of Vehicular Communication Networks	SERB	05-02-2024	6,60,000.00
32	Dr.VM Jaganathan	DEE	Design Development and Testing of 2.5 kg/h Capacity	Medicare Enviro	21-09-2023	8,61,300.00

			Menstrual Pad Incineration System	Systems		
33	Dr.K.Baskar	CIV	Study on the Behaviour of Double Skinned Steel-Concrete Composite Panel(DSCP) under Bullet Impact towards Developing Safety Shelters for Military Personnel	SERB	23-02-2024	36,54,189.00
34	Dr. Nisha Radhakrishnan	CIV	Studies on Condition Assessment & Management Plan (CAMP) for Cauvery River Basin under National River Conservation Plan	NRCD	12-03-2024	6,27,00,000.00
35	Dr.Devibala	CHY	National Post - Doctoral Fellowship	SERB-NPDF	27-03-2024	28,27,200.00
36	Dr.Sakthi Sadhasivam RM	PRO	National Post - Doctoral Fellowship	SERB-NPDF	13-03-2024	28,27,200.00

Source: Office of the Dean (R& C), NIT, Tiruchirappalli

5. 6. 4. Patents Published in the calendar year 2023

S. No	Title of the Invention	Inventors	Department	Publication No
1.	A SYSTEM FOR RESCUE OPERATIONS	Dr. S. Muthukumaran , Dr. M. Umapathy	MME	04/2023
2.	A DESIGN METHOD FOR A LIFE_ENHANCED SOLAR PHOTOVOLTAIC PANEL MOUNTED CONVERTER SYSTEM	Chilakapati Nagamani, Chandrasekar Venkatesan (Kerla) (Centre for Development Of Advanced Computing) Both	EEE	04/2023
3.	WASTE DISPOSAL SYSTEM	Ramanathan Anand, Azhagu Uthayakumar, Muniyappan Dineshkumar, R Gopi	MECH	04/2023
4.	GRID CONNECTED SOLAR WATER PUMPING CONTROLLER SYSTEM AND METHOD THEREOF	Rachaputi Bhanu Prakash, Josephine Rathinadurai Louis, Moorthi Sridharan	EEE	14/2023
5.	ESIPT BASED FLUORESCENT TURN-ON PROBE FOR RAPID PHOSGENE DETECTION WITH SRIP BASED PRACTICAL APPLICATION	Dr.S.Velmathi, Wu. Shu Pao, Vijay Natarajan	CHY	19/2023
6.	A PROCESS FOR THE PREPARATION OF ORGANIC PHASE CHANGE MATERIAL FROM THIN FILM PLASTIC WASTE	Ramanathan Anand, Azhagu Uthayakumar, Muniyappan Dineshkumar	MECH	21/2023
7.	COMPLIANT SWING ACTUATOR	Dhanalakshmi K, Banu Sundareswari	ICE	29/2023

	AND METHOD THEREOF	M,Then Mozhi G.		
8.	FLEXIBLE HEAT TRANSFER APPARATUS	Jaganathan. V .M, Kannan P, Suresh S, Khati Manish	DEE	35/2023
9.	A TESTING SYSTEM FOR PERFORMING VIBRO-ACOUSTIC ANALYSIS TESTING OF A TEST COMPONENT	R. Prakash, Ar. Veerappan, R Kiran Kumar Reddy , Pankaj Chaupal, Nivish George(Composite Pressurized Systems Group, Vikram Sarabhai Space Centre, Kerala)	MECH	37/2023
10.	AN IMPROVED METHOD FOR RECYCLING ELECTRONIC PLASTICS WASTE USING BI-METAL DOPED CATALYST	Ramanathan Anand, Azhagu Uthayakumar, Muniyappan Dineshkumar	MECH	38/2023
11.	A CUTTING TOOL WITH HARDFACED STELLITE	Krishnasamy sankaranarayanamy , Nallathambi siva shanmugam, Arasappan rajesh kannan, Sirukalathur Kaliyaperumalselvam	MECH	41/2023
12.	"A DEVICE FOR MEASUREMENT OF BILIRUBIN CONCENTRATION IN NEONATES AND METHOD THEREOF"	Dr.R.Periyasamy, K.Vignesh Kumar	ICE	41/2023
13.	A DEVICE FOR MEASURING SHRINKAGE STRESS IN SOIL AND A METHOD THEREOF	Prasanna Venkatesh, Joseph Jeevan, P, Gayathry	CIVIL	41/2023
14.	A SYSTEM FOR REGENERATING AIRFLOW THROUGH A TEMPERATURE-CONTROLLED STORAGE DEVICE	Ayalur Bakthavatsalam Kannappan, Abdul Adhil Muhammed Salim, Harikumar Hareesh Krishnan, Meenakshi Priyadarsini, Kuzhikadan Ashin Kunnathu	T&P	42/2023
15.	WIND TOWER HAVING A SOLAR HEATING UNIT	Ayalur Bakthavatsalam Kannappan, Harikumar Hareesh Krishnan, Meenakshi Priyadarsini, Kuzhikadan Ashin Kunnathu	T&P	42/2023
16.	A SYSTEM TO ASSESS PARTICULATE MATTER DEPOSITION IN A RESPIRATORY SYSTEM	S P Sivapirakasam, K R. Balasubramanian, Sreejith Mohan, S Venkatesh, K Suresh Babu, G Jeyabalaganesh, M Rahul	MECH	43/2023
17.	SYSTEM AND METHOD FOR INSECT DETECTION AND CLASSIFICATION IN CROP FIELD	Kasinathan Thenmozhi, Uyyala Srinivasulu Reddy	CSE	51/2023

5. 6. 5. Patents granted in Calendar year 2023

S.No.	Title of Invention	Inventors	Department	Patent No.
1.	THERMOMAGNETIC TEMPERATURE INDICATOR AND METHOD THEREOF	Dr. R. Justin Joseyphus, Mr. G. Antilen Jacob	PHY	416444
2.	NOVEL REACTION CHAMBER FOR COLLECTION OF DECOMPOSITION RESIDUES OF PYROTECHNIC COMPOSITIONS AND METHOD THEREOF	Dr. S.P. Sivapirakasam, K. Harisivasri Phanindra,	MECH	417021
3.	GAS SENSOR BASED ON NANOWIRES AND CARBON NANOTUBES HETEROSTRUCTURE	S.Manivannan, L.R.Shobin	PHY	417943
4.	FORCED COOLING FRICTION STIR WELDING TOOL AND METHOD THEREOF	Muthukumaran Shanmugam, Dinesh Kumar Rajendran	MME	418337
5.	CAVITY BASED FREQUENCY SELECTIVE LINEAR-TO-CIRCULAR POLARIZING C-SANDWICH AIRBORNE RADOME FOR STRATEGIC APPLICATION	Dr. Varikuntla Krushna Kanth, Dr. Singaravelu Raghavan	ECE	419066
6.	A PROCESS FOR HIGH-GRADE TRANSPORTATION FUEL PRODUCTION FROM NON-WOVEN FABRIC WASTE	Anand Ramanathan, Dineshkumar M, Uthayakumar Azhagu	MECH	426387
7.	SURFACE RENEWAL PHOTOBIOREACTOR	Dr. Premalatha m, vasumathi k k, subramanian p	DEE	427478
8.	BIO-OIL FROM CASSIA FISTULA SEED PODS AND METHOD THEREOF	Anand Ramanathan, Dineshkumar M, Hrishikesh Babasaheb Gaikwad	MECH	428613
9.	ELECTRICAL CONDUCTIVITY ENHANCEMENT OF LOW CONDUCTIVITY FUELS BY NANO ADDITIVES	Dr. S. P. Sivapirakasam, S. Nandakumar, Dr. J. Hemalatha, Dr. V. Anbazhagan	MECH-PHY	428645
10.	MEMBRANE FREE CYLINDRICAL CAPACITIVE DEIONIZATION(CDI) SYSTEM FOR THE BRACKISH WATER TREATMENT	Meera Sheriffa Begum Kadhar Mohammed, Samsudeen Naina Mohammed, Vigneshhwaran Ganesan	CHL	428656
11.	DUAL-GENERATION MIMO ANTENNA WITH DB-BPF CHARACTERISTICS FOR 4G AND 5G BTS APPLICATIONS AND METHOD THEREOF	Sriram Kumar D, Roja Vadlamudi	ECE	429916

12.	LOGIC ENCRYPTION DECRYPTION SYSTEM FOR PROTECTING HARDWARE CIRCUITS AND METHOD THEREOF	N. Ramasubramanian, Manjith B.C.	CSE	430767
13.	“SYSTEM AND METHOD FOR EFFICIENT ENERGY EXTRACTION FROM AN EXISTING SOLAR PV SYSTEM”	Dr. Sishaj P. Simon	EEE	431024
14.	SHAPE COMPLIANT ROBOTIC GRIPPER AND METHOD THEREOF	Dr. Dhanalakshmi K., Nalini D, Balasubramaniyan Ram, Anand Asokan	ICE	431069
15.	A NOVEL PCM BASED WINDOW FOR IMPROVING IAQ IN SPLIT AC BUILT SPACE	Prof. A. K. Bakthavatsalam, P. Dhamodharan	T&P	431473
16.	FRICTION WELDING OF TUBE TO TUBE USING A GUIDE TOOL	Dr. S. Muthukumaran	MME	433806
17.	AN ACTIVE BALANCING METHOD WITH BUILT-IN EQUALIZATION FOR SERIES-CONNECTED ULTRACAPACITORS	Chilakapati Nagamani, Chandrasekar Venkatesan (Kerala) (Centre For Development Of Advanced Computing) Both	EEE	442288
18.	WASTE DISPOSAL SYSTEM	Ramanathan Anand, Azhagu Uthayakumar, Muniyappan Dineshkumar, R Gopi	MECH	442540
19.	METHOD OF DESIGNING ON-CHIP DECOUPLING CAPACITORS BY SPARE CELL RECONFIGURATION FOR STANDARD CELL DESIGN	G Lakshminarayanan, K Ranjit Kannan	ECE	451693
20.	AUTOMATED PAVEMENT DISTRESS DETECTION DEVICE AND METHOD THEREOF	Dr. Sunitha V, P. Sarath Chandra, Janani L.	CIVIL	455201
21.	DOUBLE SHOULDER FRICTION STIR PROCESSING TOOL FOR COATING APPLICATIONS	Dr. S. Muthukumaran	MME	460219
22.	A DESIGN METHOD FOR A LIFE_ENHANCED SOLAR PHOTOVOLTAIC PANEL MOUNTED CONVERTER SYSTEM	Chilakapati Nagamani, Chandrasekar Venkatesan (Kerala) (Centre for Development Of Advanced Computing) Both	EEE	465065
23.	DUAL POLARIZER BASED ON SUBSTRATE INTEGRATED WAVEGUIDE CAVITY AND METHOD THEREOF	Dr. Varikuntla Krushna Kanth, Dr. Singaravelu Raghavan	ECE	465341
24.	A PROCESS FOR THE PREPARATION OF ORGANIC PHASE	Ramanathan Anand, Azhagu Uthayakumar, Muniyappan	MECH	473587

	CHANGE MATERIAL FROM THIN FILM PLASTIC WASTE	Dineshkumar		
25.	A SYSTEM AND A METHOD FOR EXTRACTING MAXIMUM POWER IN THERMOELECTRIC GENERATORS	Ganesan Saravana Ilango, Chilakapati Nagamani, Kannan Srinivasan, Bepinkumar Bijukumar, Manickam Chakkarapani	EEE-ICE	425257
26.	SMART BI-LATERAL PEDAL MODULE	Josephine Selvarani Ruth D., Dhanalaksmi K.	EEE	481847
27.	SOLAR REVERSE THERMOELECTRIC POWER GENERATION SYSTEM AND METHOD THEREOF	Dr. Sivan Suresh, Krishnadass Karthick, Grashin Chakkramakkil Joy	MECH	485678
28.	SELF SEALING TYPE FRICTION BRAZING/SOLDERING OF TUBE TO TUBE PLATE USING AN EXTERNAL TOOL	Dr. S. Muthukumaran, Mr. C. Maxwell Rejil	MME	489168
29.	AN ELASTOPLASTIC DEFORMATION PROCESSING, TOOL AND METHOD THEREOF	Dr. S. Muthukumaran	MME	489977

5. 6. 6. Faculty Awards for The Year 2023-2024

Best Performance in Teaching, Research and Institutional Development

S. No.	Name of the Faculty	Designation	Department
1.	Dr. K. Muthukkumaran	Professor	Civil Engineering
2.	Dr. Nisha Radhakrishnan	Associate Professor	Civil Engineering
3.	Dr. Sambandam Anandan	Professor	Chemistry
4.	Dr. K. Baskar	Professor	Civil Engineering
5.	Dr. Sathyaraj Venkatesan	Professor	Humanities and Social Sciences
6.	Dr. Aneesh Mathew	Assistant Professor	Civil Engineering
7.	Dr. G. Lakshminarayanan	Professor	Electronics and Communication Engineering
8.	Dr. P. A. Karthick	Assistant Professor	Instrumentation and Control Engineering
9.	Dr. R. Anand	Professor	Mechanical Engineering
10.	Dr. E. S. Gopi	Professor	Electronics and Communication Engineering
11.	Dr. S. Velmathi	Professor	Chemistry

5. 6. 7. Budding Researcher Award for the year 2023-2024

Ph.D. Research scholars:

S. No.	Name	Roll Number	Department
1.	Reshma Sheik	406321004	Computer Science and Engineering

2.	Mettu Goutham Reddy	408121004	Electronics and Communication Engineering
3.	Vadlamudi Roja	408119016	Electronics and Communication Engineering
4.	Balamurugan R	413119004	Physics
5.	Saravanan G	403121005	Civil Engineering
6.	Vishnunarayanan Namboothiri V P	404119006	Chemistry
7.	Kalidass J	402118052	Chemical Engineering
8.	Sandhya P	402120004	Chemical Engineering
9.	Uthayakumar A	411119009	Mechanical Engineering
10.	Gopi R	411119003	Mechanical Engineering
11.	Nagireddy Masthan Reddy	403120004	Civil Engineering
12.	G Citybabu	415120051	Management Studies
13.	Athul S R	413119003	Physics
14.	Bhuvaneskumar. A	415119002	Management Studies

5. 6. 8. Best Departments

Based on NIRF Parameters (Teaching Learning Resources, Graduation Outcome, Research & Professional Practice, Outreach & Inclusivity), the departments were evaluated for the “Best Performing Department” Award.

Based on Overall score, the following Departments were awarded under best Department category.

Discipline	Department
Engineering Discipline:	Electrical and Electronics Engineering
Non- Engineering Discipline:	Chemistry

6 FINANCIAL ASSISTANCE TO STUDENTS

6. 1. FINANCIAL ASSISTANCE

6. 1. 1. Fellowship for M.S. /M.Tech. Students

More than 80% of the students avail various State / Merit Scholarships and Fellowships at this Institute. SC/ST students / scholars admitted in various programmes are given full Tuition Fee waiver. The most economically backward students (whose family income is less than 1 lakh per annum) shall get full remission of the fee. The other economically backward students (whose family income is between 1 lakh to 5 lakhs per annum) shall get remission of two-thirds of the fee.

6. 1. 2. Fellowship for Ph.D. Scholars

Half Time Research Assistantship (HTRA) is given to full time scholars who are admitted to Ph.D. programmes in different departments. They are being paid Rs. 37,000/- pm for 1st year and 2nd year (JRF) and Rs. 42,000/- pm for 3rd, 4th and 5th year (SRF).

6. 1. 3. Scholarship Details

Central Government Scholarship:

S. No.	Name of Scholarship	Scholarship
1	Central Sector Scholarship scheme of top-class education for SC Students (Implemented by Ministry of Social Justice and Empowerment, Govt. of India)	As Notified by Central Government scholarship schemes
2	Central Sector Scholarship scheme of top-class education for ST Students (Implemented by Ministry of Tribal Affairs)	
3	National Scholarship for persons with disabilities (Ministry of Social Justice and empowerment, Government of India), Trust Fund	
4	Prime Minister's Scholarship Scheme	
5	Rajiv Gandhi National Fellowship	
6	UGC Scholarship	
7	Swami Dayananda Foundation Scholarship	
8	National Talent Search Scheme, New Delhi	
9	National Handicapped Finance & Development Corporation, New Delhi	

State Government Scholarship:

S. No.	Name of Scholarship	Scholarship
1	Tamil Nadu BC/MBC Scholarship	As Notified by State Government scholarship schemes
2	Tamil Nadu SC/ST Scholarship	
3	Tamil Nadu CM Award – Top Holders Scholarship	
4	Tamil Nadu Loan Scholarship for Higher Education	
5	Merit Cum Means Minority Scholarship	
6	Post Matric Scholarship Andhra Pradesh & Telangana	
7	Post Matric Scholarship Maharashtra	
8	Post Matric Scholarship Bihar	
9	Post Matric Scholarship Rajasthan	
10	Post Matric Scholarship Madhya Pradesh	
11	Post Matric Scholarship UP, Jharkhand, Kerala, Odisha, Assam & all other States	
12	E-Kalyan – Jharkhand & Uttarakhand	
13	Adi-Dravidar Scholarship	

Private / Corporate / Other Scholarship:

S. No.	Name of Scholarship	Scholarship
1	Oil & Natural Gas Corporation Scholarship for SC/ST students	As Notified by Private scholarship schemes
2	Oil & Natural Gas Corporation Scholarship	
3	SAIL Scholarship for SC/ST students	
4	Samsung Star Scholarship	
5	IOCL Scholarship	
6	ICCR Scholarship	
7	Jindal Scholarship	
8	Engineers India Limited (EIL) Scholarship to SC & ST	
9	Bharti Scholarship	
10	OP Jindal Engineering and Management Scholarship	

The details of Scholarships and Fellowships sanctioned to the students of different programs during **2023-2024** are as follows:

S. No.	Programme	No. of students receiving Scholarships from the State and Central Government	No. of students receiving Fellowships from the Central Government	No. of students receiving Scholarships from Institution Funds	No. of students receiving Scholarships from the Private Bodies
1	B.Tech.	411	Nil	112	39
2	B.Arch.	7	Nil	Nil	6
3	M.Tech and M.Arch	Nil	1116	Nil	Nil
4	M.Sc., MBA and MA	94	Nil	2	3
5	MCA	123	Nil	Nil	1
6	Ph.D	2	549	Nil	Nil

For the Academic year 2023-24, SAF was on process for first-year admitted students AY 2023-24

6. 2. FINANCIAL ASSISTANCE

Every year the AICTE, New Delhi sponsors students under QIP Scheme for both M.Tech. and Ph.D. In order to support them, the AICTE releases funds to meet the Stipend and Contingency etc. The M.Tech. Students will be paid Rs. 12,400/- per month as GATE Stipend. The Ph.D. students being paid Rs. 37,000/- pm for 1st year and 2nd year (JRF) and Rs. 42,000/- pm for 3rd, 4th and 5th year (SRF) as per the MHRD norms.

6. 2. 1. QIP (Engg.) Scheme

Faculty from Engineering Colleges with UG qualification are eligible for M.Tech. and M.Tech. qualified scholars are eligible for Ph.D. admission in NIT, Tiruchirappalli.

S. No.	Department	No. of Scholars in Ph.D.
1.	Computer Science and Engineering	2
2.	Electrical & Electronics Engineering	2
3.	Electronics and Communication Engineering	1
4.	Instrumentation and Control Engineering	1
5.	Metallurgical and Materials Engineering	1

7 DEPARTMENTS

7.1. ARCHITECTURE

Established in 1980, the Department of Architecture at the National Institute of Technology (NIT) Trichy is renowned for producing exceptional architects with global recognition. In the NIRF rankings of 2023, the department achieved an 4th rank among all architecture colleges in India, underscoring its commitment to academic excellence. Additionally, students clinched the prestigious "Le Corbusier trophy" at the 2023 NASA convention, highlighting their talent and dedication. The department is actively engaged in research areas like sustainable architecture, thermal comfort, behavioral adaptation, Architectural Psychology, and architectural conservation. Supported by experienced faculty and state-of-the-art facilities including design studios and specialized labs, the department emphasizes innovation and prepares socially responsible architects to address contemporary challenges in the built environment. Through strong industry partnerships, NIT Trichy's Department of Architecture provides students with practical experiences and opportunities for real-world impact in the field.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	0	0	6	0
2.	Research Citations	Scopus		55	
3.	Conference / In Proceedings	National		International	
		3		9	
4.	Books / Chapters	Books		Chapters	
		0		1	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		0		0	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		0		0	
7.	Patents	Granted		Published	Filed
		0		0	0
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		1		4	3
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		8		0	3
10.	Guest Lectures	Delivered		Organized	
		23		1	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		0		0	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		5		16.35	
13.	Ph. D graduation	Full Time		Part Time	
		0		0	

(a) Pannel Discussion
by Eminent architects
on Climate change in
Architecture, 17-02-
2024.

(b) Architalk
Inaugural lecture as
part of Diamond
Jubilee celebration,
21-02-
2024



(a)



(b)

7.2. CHEMICAL ENGINEERING

Established in 1967, the Department of Chemical Engineering, NIT Tiruchirappalli is regarded as one of the premier centers for Chemical Engineering in India by industries as well as academia. It has also the distinction of being ranked as one of the top seven Chemical Engineering divisions in India. The department's vision is to be a global center of academic and research excellence to serve the society. Chemical Engineering department, NITT is recognized as one of the leading departments offering B.Tech. (Chemical Engineering), M. Tech. (Chemical Engineering), M. Tech. (Process control and Instrumentation) in collaboration with ICE department, and Ph.D. programme. Our publications are featured in top journals with high impact factor. Core research specialization of the Department includes Energy (Alternate fuels, fuel cell technology, bioenergy), Environment (Biochemical and bioprocess separations, wastewater treatment, membrane technology, Sonochemical processes, electrochemical operations), Process control (Linear and non-linear predictive control, modelling) and Advanced Materials (Particulates, functional materials). The Department is proud to share that our Alumni occupies prestigious positions across the globe. The Department has initiated interaction with Industry to set up pilot plant which is being equipped with the state-of-the-art instrumentation to validate the design models and evaluate the process parameters. The department provides service through consultancy projects and continuing education courses in identified research areas.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	21	41	62	
2.	Research Citations	Scopus		4399	
3.	Conference / In Proceedings	National		International	
		7		27	
4.	Books / Chapters	Books		Chapters	
		-		8	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		5		151	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		1		100	
7.	Patents	Granted		Published	Filed
		3			
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		2			
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		27			3
10.	Guest Lectures	Delivered		Organized	
		3			
11.	Fellowships / Internship in Abroad	Faculty		Students	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		23		15.48	
13.	Ph. D graduation	Full Time		Part Time	
		4		1	

(a) 38th National Convention of Chemical Engineers and National Conference on Digitization of Chemical Process Industry, 07-08 September, 2023 Tiruchirappalli.

(b) Microbial Fuel Cells: A Sustainable Technology for Clean Water and Green Energy, 04-09 March, 2024 Tiruchirappalli.



(a)



(b)

7.3. CHEMISTRY

The Department of Chemistry has embedded with excellent infrastructure and sophisticated instrumentation facilities for the PG students and Research scholar to utilize the facilities more effectively for their extensive analytical/research support. The department has five laboratories such as, B.E/B.Tech, PG, Spectroscopy, Computational and Research laboratories which are well equipped to meet the requirements of the students/research scholar to excel in their academic as well as research curriculum. The Department has also been recognized as one of the major post-graduate centres in offering “General Chemistry” in Tamil Nadu and has been cited for our excellence. The curriculum is a blend of the conventional and the modern trend. The periodic updates have been adopted to bring out the growing demands, challenging trends in the industrial sector and in multidisciplinary research domain.

Our vision is to be a world-class centre in Basic and Applied Chemistry. In line with this, our goal is to instil the advanced knowledge and skills of students-professionals to meet the global challenges and to avail effective solutions to the industries through bridging research and consultancies. Thereby, addressing the rural needs through benign and in an eco-friendly manner. In addition to this, our department faculty members have extended their International Research Collaboration's which includes Feng Chia University-Taiwan, University of Melbourne-Australia, SPARC project collaboration with University of Edinburgh, UK and Students International Internship programme at National Yang Ming Chiao Tung University, Taiwan.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	55	2	85	11
2.	Research Citations	Scopus		3899	
3.	Conference / In Proceedings	National		International	
		1			
4.	Books / Chapters	Books		Chapters	
				7	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		4		112.5 lakh	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		7		5.14 lakhs	
7.	Patents	Granted		Published	Filed
		1			
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		1		1	4
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		37			2
10.	Guest Lectures	Delivered		Organized	
		23		1	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		3		3	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		125		74.19	
13.	Ph. D graduation	Full Time		Part Time	
		14			

(a) SPARC symposium on Emerging Chemistry Trends: Innovations and Sustainable solutions on December 01, 2023.

(b) National Conference on “Transcending Frontiers in Chemical Sciences” on 11-12 Aug 2023.



(a)



(b)

7.4. CIVIL ENGINEERING

Department of Civil Engineering is one of the founding departments of National Institute of Technology Tiruchirappalli at 1964. Department is offering 1 UG and 5 PG programmes. The department boasts a team of experienced and highly qualified faculty members who are actively engaged in teaching and research. Faculty are expertise in areas such as structural engineering, geotechnical engineering, transportation engineering, environmental engineering, water resources engineering, construction technology & management and GIS & remote sensing. The department is involved in cutting-edge research and innovation in various domains of civil engineering. This includes projects funded by national and international agencies, collaborations with industry partners, and interdisciplinary research initiatives. The department maintains strong ties with industry partners, facilitating internships, guest lectures, and collaborative research projects. The department encourages student participation in various co- curricular and extracurricular activities. This includes student chapters of professional organizations, technical workshops, seminars, and conferences. Graduates from the Civil Engineering Department at NIT Trichy are highly sought after by leading companies in the construction, infrastructure, consulting, and research sectors. The department's strong reputation and alumni network contribute to excellent placement opportunities for its students

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	36	56	94	70
2.	Research Citations	Scopus		2780	
3.	Conference / In Proceedings	National		International	
		19		49	
4.	Books / Chapters	Books		Chapters	
		6		18	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		8		820.90	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		105		348.96	
7.	Patents	Granted	Published	Filed	
		2	2	3	
8.	Technical Events Organized by the Department	Conference	Seminar	Workshop	
		1	10	6	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
		23	2	16	
10.	Guest Lectures	Delivered		Organized	
		24		10	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		1		4	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		17		57.5809	
13.	Ph. D graduation	Full Time		Part Time	
		5		2	

- (a) International symposium on Geotechnical Aspects of Heritage structures, 14-16 Feb'2024.
- (b) Inauguration of Cauvery on 26.03.2024



(a)

(b)

7.5. COMPUTER APPLICATIONS

The Department of Computer Applications is one of the pioneering departments of the institution that offers Information Technology courses such as MCA and one among the top five offering MCA courses in the country. It is committed to impart quality education in the sub-fields of IT, a field growing in leaps and bounds. The curriculum is so made that the course provides a good theoretical foundation through high-quality teaching complemented by extensive practical training. The department currently offers three full-time post-graduate programmes - three-year Master of Computer Applications (MCA), two-year Master of Science in Computer Science and two-year M.Tech in Data Analytics. This department comprises of nineteen faculty members (All of them with doctorate degrees) and is actively involved in research and in carrying out projects besides teaching. The persistence of the dedicated faculty in maintaining the standards is manifest in the successful placement and in the production of Ph.Ds. Diamond jubilee: As part of Diamond jubilee celebrations, the Department of Computer Applications is conducting a one-week online FDP titled “Pioneering the Future of Blockchain Technology.”

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles*	13	19	13	7
2.	Research Citations	Scopus			
3.	Conference / In Proceedings	National		International	
		-		22	
4.	Books / Chapters	Books		Chapters	
				9	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		3		5	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		1		0.01	
7.	Patents*	Granted		Published	Filed
		3		1	1
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
					7
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
					>100
10.	Guest Lectures	Delivered		Organized	
		45		7	
11.	Fellowships / Internship in Abroad	Faculty		Students	
12.	Procurement of Equipment (for SCIEnT)	Number		Amount (in Lakhs)	
13.	Ph. D graduation	Full Time		Part Time	
		5			

- (a)
Inauguration
of VERSION
'24 by MCA
Association
on 21st
March 2024.
(b)
Inauguration
of OPTIMA
'24
Departmental
Tech Fest on
14th March
2024.



(a)



(b)

7.6. COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering, NIT, Tiruchirappalli was started in the year 1983. It offers one Under-Graduate programme (B.Tech.), one Post-Graduate programme (M.Tech.) and research programmes (M.S. and Ph.D.) in Computer Science and Engineering. The department currently hosts 23 faculty members. The department has proven its excellence in research by publishing 83 papers in reputed journals and 38 publications in international conferences for the year 2023 - 2024. The faculty and students of the department have received various awards. The department association (CSEA) has conducted VORTEX, a technical symposium and has arranged workshops and guest lectures from reputed industries and organizations.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	12	38	28	5
2.	Research Citations	Scopus		1266	
3.	Conference / In Proceedings	National		International	
		--		38	
4.	Books / Chapters	Books		Chapters	
		--		7	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		5		113.24	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		1		6.08	
7.	Patents	Granted		Published	Filed
		1		--	--
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		2		--	13
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		3		2	6
10.	Guest Lectures	Delivered		Organized	
		24		3	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		--		--	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		15		8711947	
13.	Ph. D graduation	Full Time		Part Time	
		8		5	

(a) Inauguration of Vortex 2024, 02-02-2024.

(b) ACM India Sponsored one-day Workshop on ROCS: Research Opportunities in Computer Science, 06-04-2024.



(a)



(b)

7.7. ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering (EEE), NIT Tiruchirappalli was started in the year 1964. In addition to three academic programmes, the department offers research programmes (M.S. and Ph.D.) in Electrical and Electronics Engineering. Since its inception, the department has not only shown academic excellence, but also laid strong foundation for the research community by establishing many research laboratories. The department is globally recognized for excellence in research in the field of wind and solar electrical energy conversion systems. The EEE department at NIT Tiruchirappalli boasts a robust R&D profile, delving into advanced power systems, renewable energy, and smart grid technologies. With a focus on sustainable solutions, it pioneers research in electric vehicle technologies and grid integration of renewable energy sources, contributing significantly to the evolving energy landscape.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	2	48	79	50
2.	Research Citations	Scopus		3192	
3.	Conference / In Proceedings	National		International	
		3		35	
4.	Books / Chapters	Books		Chapters	
		5		5	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		4		116.0474	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		3		17.22	
7.	Patents	Granted		Published	Filed
		9		2	0
8.	Technical Events Organized by the Department	Conference	Seminar	Workshop	
		-		11	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
		9	0	4	
10.	Guest Lectures	Delivered		Organized	
		54		7	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		-		12	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		32		36.1526	
13.	Ph. D. graduation	Full Time		Part Time	
		11		2	

(a) Inauguration of CURRENTS '24 by EEE Association on 22-03-2024.

(b) Inauguration of Two Karyashala (SERB Sponsored Workshops) Events on 17-03-2024.



(a)

(b)

7. 8. ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering (ECE) was started in the year 1968. The department offers one B.Tech. Programme and two M.Tech. Programmes, namely Communications Systems and VLSI Systems, and all programmes are NBA Accredited. The ECE department offers research programmes (M.S. and Ph.D.) in leading areas of Electronics and Communication Engineering and produced 114 PhD graduates. The Electronics and Communication Engineering (ECE) department at NIT Trichy showcases extensive R&D expertise, excelling in areas like wireless communication, signal processing, and VLSI design. Our pioneering research spans from next-gen communication systems to biomedical electronics, consistently pushing boundaries in technology and innovation, fostering collaborations that drive advancements in various industries. The department has 30 dedicated and research-focused faculty members and well-equipped 12 Curriculum and 18 research laboratories.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	10	21	61	35
2.	Research Citations	Scopus		2195	
3.	Conference / In Proceedings	National		International	
		3		50	
4.	Books / Chapters	Books		Chapters	
		1		17	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		7		428.0994	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		-		-	
7.	Patents	Granted		Published	Filed
		4		6	1
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		1		-	5
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		53		-	-
10.	Guest Lectures	Delivered		Organized	
		24		5	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		1		1	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		51		66.691	
13.	Ph. D graduation	Full Time		Part Time	
		8		2	

(a) Inauguration.
(b) Ongoing session.



(a)



(b)

7.9. ENERGY AND ENVIRONMENT

Department of Energy and Environment (DEE), formerly, Centre for Energy and Environmental Science and Technology (CEESAT) was established at Regional Engineering College (present-day NITT) in 1995, under the auspices of UK – India RECs Project: Energy Theme. CEESAT was renamed as Department of Energy and Environment in 2012. The mission of DEE is to develop solutions for a better energy and environmental future, through development of technical human resource and technology. DEE is housed in an energy efficient building with least carbon foot print for both its building and operation. DEE harbours an NABL accredited calibration lab and ISO 9001:2008 certified state-of-the-art laboratories equipped with sophisticated instruments and software, with the objective of catering to academic and industrial research needs. DEE aids high-spirited research and teaching in the areas of sustainable energy technologies, environmental pollution control, energy, and environmental audit. The faculty members are trained at various UK universities such as University of Salford, UMIST, De Montfort, Sheffield, Reading, Leeds, and Building Research Establishment. The time of the department is shared equally between academics, research, and consultancy activities. The consultancy services offered include solid and liquid testing, calibration and energy auditing of industries and academic institutes. The department is committed to convert its research outcomes into a real time technology transfer to the society and industry where it meets out its ultimate objective.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	08	01	08	02
2.	Research Citations	Scopus		206	
3.	Conference / In Proceedings	National		International	
		-		-	
4.	Books / Chapters	Books		Chapters	
		-		03	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		02		28.30	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		01		2	
7.	Patents	Granted		Published	Filed
		-		03	01
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		-		-	04
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		02		-	01
10.	Guest Lectures	Delivered		Organized	
		12		01	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		-		01	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		35		33.89	
13.	Ph. D graduation	Full Time		Part Time	
		-		01	

(a) Karyashala Workshop titled "Carbon Mitigation Techniques Using Advanced Coal Cycles, MSW, and Other Biomass Resources Dated 19-25.02.2024.

(b) Workshop titled Building Energy Management using IoT Dated 05-09.02.2024.



7. 10. HUMANITIES AND SOCIAL SCIENCES

The Department of Humanities and Social Sciences (formerly, the Department of Humanities) has been in existence since 2004. This top-ranked Department among the NITs is known for independent interdisciplinary research and for a dynamic collaboration between faculty and students. To meet the existing demands of industry, business, public and private organizations, academic and human services, the Department has constantly striven for a practical curriculum with a high degree of professional relevance, enabling students to face real time challenges. Accordingly, the Department has been offering a wide range of core and elective courses to undergraduates and graduates. The Department has been offering a full-fledged Ph.D. program since 2004 and has produced quality research work in newer areas of Humanities and Social Sciences. Recognizing the growing demand for humanities-based courses, the Department also offers Minor Degree Courses in Economics and in Language/Literature. The department has been offering MA English (Language and Literature) programme from the academic year 2020-21. The Department has language lab with a control unit for the teacher. The teacher can teach four basic language skills through this lab which is based on a state-of-the-art technology. The teaching material can be sent to all the student stations and the teacher can speak, discuss, clarify and so on from the place where he is sitting (Teacher's station). The lab also aims to facilitate self-learning.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	14		64	
2.	Research Citations	Scopus			
3.	Conference / In Proceedings	National		International	
4.	Books / Chapters	Books		Chapters	
				7	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		3		28.3	
6.	Consultancy	Numbers		Amount (in Lakhs)	
7.	Patents	Granted	Published	Filed	
8.	Technical Events Organized by the Department	Conference	Seminar	Workshop	
				8	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
10.	Guest Lectures	Delivered		Organized	
		44			
11.	Fellowships / Internship in Abroad	Faculty		Students	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		20 All in One PC		17.5	
13.	Ph. D graduation	Full Time		Part Time	
		7		1	

(a) Reading and Researching the Literature of Crisis: One Week Faculty Development Programme in collaboration with the UNESCO Chair in Vulnerability Studies, University of Hyderabad (22- 29 January 2024).

(b) Dr. R Joseph Ponniah delivered an endowment lecture on Biological Basis of Reading and Writing at Fatima College, Madurai (17th November 2023).



(a)



(b)

7.11 INSTRUMENTATION AND CONTROL ENGINEERING

The Department of Instrumentation and Control Engineering (ICE) was established in the year 1993 and the first batch of undergraduate students graduated from the department in the year 1997. After the institute became NIT, the department has grown not only as an esteemed teaching facility but also as a pioneer in field of research. The department offers Undergraduate (UG)- B.Tech., Postgraduate (PG)- M.Tech. in Industrial Automation, and M.Tech. in Process Control and Instrumentation (offered jointly with the dept. of Chemical Engineering) and research programmes- M.S. (by Research) and Ph.D. programmes that provide students with the knowledge and tools they need to succeed in the field of instrumentation and control. The Department of Instrumentation and Control Engineering has seventeen regular faculty members with teaching and research interests that covers a broad range of fields and well qualified and experienced technical/supporting staff. The faculty members are working intensively in network control system, energy harvesting, product development, assistive devices, cyber physical system, next generation controllers, automation for agriculture, smart materials and structures, biomedical instrumentation, path planning algorithms for unmanned vehicles, intelligent control of big data systems. All the laboratories of the department are very well established with adequate facilities such as sufficient hardware and licensed software with necessary safety measures to cater to the needs of the UG and PG curriculum and research.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	07	18	31	19
2.	Research Citations	Scopus		463	
3.	Conference / In Proceedings	National		International	
		13		14	
4.	Books / Chapters	Books		Chapters	
		--		02	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		02		48.56	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		01		85	
7.	Patents	Granted	Published	Filed	
		08	-	04	
8.	Technical Events Organized by the Department	Conference	Seminar	Workshop	
		--		4	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
		3		4	
10.	Guest Lectures	Delivered		Organized	
		14		13	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		--		--	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		27		36.45	
13.	Ph. D. graduation	Full Time		Part Time	
		3		1	

(a) IV BSNL 8 April 2024.

(b) Hands on Session BMI 10 April 2024



7.12.MANAGEMENT STUDIES

Department of Management Studies, National Institute of Technology Tiruchirappalli (DoMS-NIT Trichy) is among the oldest B-Schools in India, started in 1978. DoMS-NIT Trichy teaches not just the art and science of management but instills in its students, virtues, and skills needed to make a positive impact on tomorrow's world and transform it into a better future. The academics at DoMS-NIT Trichy are a veritable treasure of learning and erudition. With a mature lineage of consultancy and research behind them, this exclusive group of academicians is responsible for grooming raw talents into performing prodigies. DoMS has a higher level of tutelage, focusing its resources exclusively on the promising managers of tomorrow.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	15	8	40	17
2.	Research Citations	Scopus		1277	
3.	Conference / In Proceedings	National		International	
		3		4	
4.	Books / Chapters	Books		Chapters	
		2			
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		2		47.1	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		-		-	
7.	Patents	Granted		Published	Filed
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
					1
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
					1
10.	Guest Lectures	Delivered		Organized	
		6		20	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		-		-	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
				11.9	
13.	Ph. D graduation	Full Time		Part Time	
		6		7	

- (a) INACON inauguration 23, 22-23 September.
(b) Images from the event.



(a)



(b)

7.13 MATHEMATICS

The Department of Mathematics was established in 1964 along with the inception of the then Regional Engineering College, Tiruchirappalli. Handling Mathematics courses to B. Tech., M. Tech., M.Sc. And Ph.D. students of the Institute. The Department of Mathematics offers M.Sc. And Ph. D. degree programs in mathematics and its applications for students to pursue their career in both academics and industry. Recently the department got funding from DST – FIST. The Department of Mathematics at NIT Trichy boasts diverse R&D expertise, focusing on mathematical modelling, analysis, and computational techniques. Their strengths lie in interdisciplinary collaborations, contributing to advancements in fields like optimization, cryptography, and fluid dynamics, shaping solutions for real-world challenges through innovative mathematical approaches. The department is conducting workshops, seminars and conferences in the different areas of theoretical and applied mathematics, periodically. Exponentia 2024 was inaugurated on 18-03-2024. The department is going to offer B.Sc B.Ed program from the academic year 2024-25.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	11	21	24	-
2.	Research Citations	Scopus		933	
3.	Conference / In Proceedings	National		International	
		-		3	
4.	Books / Chapters	Books		Chapters	
		-		-	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		1		30	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		-		-	
7.	Patents	Granted		Published	Filed
		-		-	-
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		-		1	2
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		2		-	-
10.	Guest Lectures	Delivered		Organized	
		14		-	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		-		1	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		15		10.14	
13.	Ph. D graduation	Full Time		Part Time	
		10		-	

(a) Workshop: December 04-08, 2023.

(b) Exponentia: 18th March 2024



(a)



(b)

7.14 MECHANICAL ENGINEERING

The Department of Mechanical Engineering excels with 24 faculty members with highly qualified, diversified faculty members. QS World ranking recognized the Department of Mechanical Engineering, within the top 451- 500 of subject ranking for the seventh consecutive year since 2017. B. Tech-Mechanical Engineering course received NBA accreditation for five years (2023-2028). The Mechanical Engineering Association (MEA) is an organization under the department of Mechanical Engineering at NIT Trichy, which, apart from Synergy, organizes events, workshops, guest lectures, and industrial visits. MEA aims at structuring the Alumni network for the first time which is under discussion.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	25	28	129	65
2.	Research Citations	Scopus		6867	
3.	Conference / In Proceedings	National		International	
		0		11	
4.	Books / Chapters	Books		Chapters	
		0		4	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		4		84.85	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		6		9.65	
7.	Patents	Granted		Published	Filed
		16		6	2
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		0		0	5
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		4		0	0
10.	Guest Lectures	Delivered		Organized	
		19		12	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		0		42	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		23		87.22	
13.	Ph. D graduation	Full Time		Part Time	
		4		3	

(a) SYNERGY 2024 – Inaugural Function – 08.03.2024.

(b) High-end workshop (Karyashala) on Advanced Combustion Technologies for Hydrogen Based Fuels – SERB - Accelerate Vigyaan Scheme – 5-day workshop Inaugural function - March 17-23, 2024



(a)



(b)

7.15 METALLURGICAL AND MATERIALS ENGINEERING

The department of Metallurgical and Materials Engineering (formerly Department of Metallurgical Engineering) admitted the first batch of B.E. students in 1967. And Since its inception this department has been one of the premier centers of excellence in the field of Metallurgical and Materials Engineering. It has expanded since then in many ways and now offers three post-graduate programmes with specialization in Welding Engineering, Materials Science & Engineering and Industrial Metallurgy. All the three courses have been attracting candidates with varied engineering backgrounds and also sponsored candidates from engineering industries and academia. Since 2006, the department is admitting candidates for

M.S. and Ph.D. programmes with Institute Fellowships. The department faculty are handling projects sponsored by agencies like MHRD, DRDO, AICTE, DST, NRB and Tata Steel. The department is accredited for 6 years by the National Board of Accreditation. The department is also a recognized center for QIP (Quality Improvement Programme) for both M.Tech. and Ph.D. programmes.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	20	19	47	-
2.	Research Citations	Scopus		1805	
3.	Conference / In Proceedings	National		International	
		3		35	
4.	Books / Chapters	Books		Chapters	
		1		2	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		2		92.24	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		3		14.2	
7.	Patents	Granted	Published	Filed	
		3	1	2	
8.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
		5	2	3	
9.	Guest Lectures	Delivered		Organized	
		27		13	
10.	Fellowships / Internship in Abroad	Faculty		Students	
		-		8	
11.	Procurement of Equipment	Number		Amount (in Lakhs)	
		22		112.48	
12.	Ph. D. graduation	Full Time		Part Time	
		7		2	

- (a) Inauguration of METTLE '24 by MME Association on 05.03.2024.
- (b) InvenTiv-20.01.2024 showcasing inventions at IIT Hyderabad organized by Ministry of Education



(a)



(b)

7.16 PHYSICS

The Department of Physics provides a world-class scientific platform for scientists and engineers with state-of-the-art facilities. The Department has established various research areas with 19 faculty members. The Department offers an M.Sc. in Physics and an M.Tech. in Non-destructive testing apart from the Ph.D. program. Research projects worth more than 400 lakhs have been completed with funding from various agencies such as DST, DRDO and CSIR for the past five years. The Department is supported by the DST under the Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST) scheme. The research publications from the Department have largely increased, with publications in reputed international journals. The excellent curriculum, research facilities and internationally acclaimed researchers have shaped the student's career path as per international standards.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	60	33	138	
2.	Research Citations	Scopus		4900 / 21450(total)	
3.	Conference / In Proceedings	National		International	
		3		8	
4.	Books / Chapters	Books		Chapters	
				3	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		3		159.3	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		-		-	
7.	Patents	Granted		Published	Filed
		2			
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
				1	1
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		25		3	4
10.	Guest Lectures	Delivered		Organized	
		21		2	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		1		3	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		4		47	
13.	Ph. D graduation	Full Time		Part Time	
		14		2	

(a) Bhatnagar Prof. M. Lakshmanan delivered a talk at the Department symposium INPHYNITT24 held on 7th March 2024.

(b) Mr. R. Balamurugan, research scholar, received the best poster award during the prestigious DAE – SSP symposium held during December 20-24, 2023.



(a)



(b)

7.17 PRODUCTION ENGINEERING

Production Engineering (PE) is an interdisciplinary engineering that includes manufacturing technology, engineering sciences, management science, and optimization of complex processes, systems, or organizations. The Department of Production Engineering offers B.Tech. (Production Engineering), M.Tech. (Manufacturing technology), M.Tech (Industrial Engineering and Management), M.S. and Ph.D. programmes. State-of-the-art laboratories are available in the domains of Manufacturing and Industrial Engineering & Management. Twenty- Six core faculty members are associated with the Department. With the contributions made by faculty members, staff members, research scholars and students, the Department bagged Best Department Award two times. The Department excels in teaching and research in terms of offering state of art courses for students, Publications, Citations, Projects and Ph.D. guidance. More than 200 Ph.D. scholars graduated from the Department. B.Tech. and M.Tech. programmes were accredited by NBA. Department students have active role in co-curricular and extra-curricular activities.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles	17	38	131	55
2.	Research Citations	Scopus		5206	
3.	Conference / In Proceedings	National		International	
		-		11	
4.	Books / Chapters	Books		Chapters	
		Nil		3	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		6		386.46	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		Nil		Nil	
7.	Patents	Granted		Published	Filed
		2		2	1
8.	Technical Events Organized by the Department	Conference		Seminar	Workshop
		Nil		1	2
9.	Technical Events Attended by Faculty and Students	Conference		Seminar	Workshop
		7		-	5
10.	Guest Lectures	Delivered		Organized	
		5		5	
11.	Fellowships / Internship in Abroad	Faculty		Students	
		Nil		7	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
		5		Rs 62.12 L	
13.	Ph. D graduation	Full Time		Part Time	
		7		7	

(a)
Inauguration
of
PRODIGY'24
April 24th
2024.

(b) SERB
Sponsored
One Week
High-End
Workshop 5th
June 2023.



(a)



(b)

7.18 TRAINING AND PLACEMENT

The Department of Training & Placement caters to career aspirations of the entire Institute ranging from undergrads to masters to PhD scholars. Despite the global economic slowdown and concomitant sluggish placements across campuses, the Institute registered a competitive placement during the current year 23-24, securing jobs for over 1300 students representing an impressive 85% placement of the registered students as on date (21-04-24). With the placement process still in progress, the Institute is expected to end the year with near normal placements, despite unfavorable global tremors. The Institute has a corporate styled exclusive premise for T&P named CAPSTONE. - the final decorative coping stone in a monument. In academia CAPSTONE also means 1) culmination/usually integrative experience of an educational program, 2) focus on student outcomes and employability. Diamond jubilee at T&P: as part of Diamond jubilee celebrations, students of the Department of Architecture completed a mural which expresses CAPSTONE in art form. T&P also conducted a three-day student focused, industry driven, career preparation workshop titled Aikyam-confluence of Industry and academia for the students of junior classes in order to orient them towards industry.

Department Achievements (AY 2023 - 24)

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles*	4	-	-	-
2.	Research Citations	Scopus			
3.	Conference / In Proceedings	National		International	
4.	Books / Chapters	Books		Chapters	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
		1		6.6	
6.	Consultancy	Numbers		Amount (in Lakhs)	
		2		0.5	
7.	Patents*	Granted	Published	Filed	
		-	2	1	
8.	Technical Events Organized by the Department	Conference	Seminar	Workshop	
				1	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
				>1000	
10.	Guest Lectures	Delivered		Organized	
11.	Fellowships / Internship in Abroad	Faculty		Students	
12.	Procurement of Equipment (<i>for SCIEnt</i>)	Number		Amount (in Lakhs)	
		7		1.25	
13.	Ph. D graduation	Full Time		Part Time	

(a) Aikyam-Career Prep Workshop for students of junior classes 5-7, April 2024.

(b) Diamond Jubilee Mural-Capstone in Art form by Arch students.



8 CENTRAL FACILITIES

8.1. COMPUTER SUPPORT GROUP (CSG)

The Computer Support Group serves as the backbone of the Institute, and caters to the hardware, software, networking requirements of the faculty, staff and student community. The OCTAGON Computer Center, the sterling hallmark of this campus was opened with the theme of "Dare to Dream". Its having state of art lab Infrastructure with High-End Workstation Computer. The department also providing multiple IT services to the Institute. The Department has organized various skill development courses and training programs for all the Institute's staff. This year, 2000+ students and 61 staff from 20+ schools and colleges from all over Tamil Nadu have visited the department to learn about the various facilities operated here.

S. No.	Details	Total Nos.
1.	Internet Bandwidth	Upgraded to 12 Gbps
2	Lab Infrastructure	Additional 132 AIO Computers purchased and Installed at Third 'I' Building
2.	Software Infrastructure	Microsoft Campus License renewed to 3 Years
3.	Service Automation	Course Plan portal upgraded; access has been given to the users to upload their course plan
5	Wi-Fi Infrastructure	Two New Hostels (Opal-F & Amethyst) equipped with 450+ FTTH ONT
4.	E-Governance	MoE initiative Samarth e-Gov suit with multiple modules implementation initiated.
7	Class Room Infrastructure	i. Implementation of Class Room Infrastructure initiated under HEFA ii. 12 Class Rooms Currently Equipped Package Air Conditioning unit.
5.	Training	Conducted Skill development program for the Technical Staffs.
9	IT Support to the Recruitments	i. IT Infrastructure support provided to Faculty Recruitment CBT Exams, ii. Non-Teaching Group A, B, C CBT Exams, iii. TAFFCORN Exam.

(a) Newly Purchased AIO Computers.
(b) Skill development program for NITT's Technical Staff



(a)

(b)

8.2 CENTRAL LIBRARY

The Central Library, the heart of the Institute, was established in 1964. The Library is well- equipped, centrally located with easy access, and provides the right impetus for the intellectual growth of the students, teachers, research scholars & others. It is a hybrid library with state-of- the-art technological applications. The integrated Library software has automated most of the Library's functions. The



Library has a fast-growing collection of books, journals, and magazines, both in print and digital format, covering most disciplines taught and researched at the Institute, which consists of knowledge resources predominantly related to Engineering, Science and Technology, Humanities, Social Science Management & other allied subjects. On the Diamond Jubilee celebration occasion, the Central Library conducted a Book Exhibition. Through the exhibition, faculty members and research scholars selected and acquired 3980 books to enrich the library collection. It has over two and a half lakhs of technical books, reports, standards, and CD-ROMS documents. Presently, library subscription covers 84 periodicals (print) and 8000+ e-journals. And there are 1995+ e-books besides a holding of 17690 back volumes of journals. The Library also contains 16,750 books in the Book Bank scheme. RFID technology for document identification and library security systems has enhanced circulation services. Library Integrated Automation Software LIBSYS has moved to the cloud server to provide broad access to catalogue information on the collection.

S. No.	Details	Total Nos.			
		SCI	SCIE	Scopus	WoS
1.	Journal Articles				
2.	Research Citations	Scopus			
3.	Conference / In Proceedings	National		International	
4.	Books / Chapters	Books		Chapters	
5.	Sponsored Projects	Numbers		Amount (in Lakhs)	
6.	Consultancy	Numbers		Amount (in Lakhs)	
7.	Patents	Granted	Published	Filed	
8.	Technical Events Organized by the Department	Book Exhibition		Event	
		1		1 (Library Week)	
9.	Technical Events Attended by Faculty and Students	Conference	Seminar	Workshop	
			1	1	
10.	Guest Lectures	Delivered		Organized	
11.	Fellowships / Internship in Abroad	Faculty		Students	
12.	Procurement of Equipment	Number		Amount (in Lakhs)	
13.	Ph. D graduation	Full Time		Part Time	

(a) Librarian's Day Seminar on Information Literacy of IEEE Literature in the Digital Era on 09-08-2023
(b) Diamond Jubilee Book Exhibition on 17-19.08.2023.



(a)



(b)

8. 3. CENTRE OF EXCELLENCE IN MANUFACTURING (CoEM)

The CoE in Manufacturing, was established in 2018 at National Institute of Technology, Tiruchirappalli, operates with a primary focus of creating a robust technical education eco- system through its experience in industrial products and services. There are 12 sophisticated Laboratories for Design and Validation, Advanced Manufacturing, Test and Optimization, Automation, Electrical and Energy savings, Process Instrumentation, Mechatronics, CNC Machines, CNC Controller, Robotics, Rapid Prototyping and Internet of Things which provides opportunity for promising innovations. This multi-faceted unique centre offers skill development courses, Internships, Research and Development assistance and Industrial consultancy services across various sectors.

1. Skill Development Programs & Consultancy works:

CoE(M) has been regularly conducting various Skill Development Programs for both Internal and External students, in order to provide them with technical exposure and to bridge the gap between academia and industrial requirements. In last one year, CoE(M) has conducted a total 19 such programs with consists of, 6 Internship programs, 5 short-term trainings, 4 workshops and additional support for 3 internal & 1 external workshops. These activities have benefitted over 500+ students, both internal and external. CoE(M) also carries over various consultancy services for both internal students and external industries. A combined revenue of around Rs. 6.5 lakhs were generated through both the activities, in last one year.



2. Curriculum laboratory sessions for NITT students:

Regular curriculum lab sessions, for B.Tech as well as M.Tech students of NITT, are conducted in various labs of CoE(M). These include students from Production Engineering,

Instrumentation & Control Engineering and Mechanical Engineering. In the last one year, 8 such regular curriculum lab sessions were conducted, and additionally 10+ NITT students utilized various facilities present in the CoE(M).



3. Conduction of Centre Visits:

As a part of providing Industry-level exposure to various colleges and schools in and around Trichy, CoE(M) carries out Centre Visits for them from time-to-time. The visits are conducted on request basis and complete display of all the facilities present in the centre, is done. In the last one year, 65+ colleges and schools were provided with these opportunities, benefitting around 3,500 students in the process. Also, sum total of Rs. 1.95 lakhs were collected as visiting charge for the same.



4. Support for Skill Hub activities (under PMKVY 4.0):

Since March 2023 onwards, various courses under the Skill Hub program (as part of Central Gov. scheme PMKVY 4.0) were initiated and CoE(M) staff members are fully undertaking all the management of courses, data record keeping and support during assessment exams, since then. As of now, 8 courses have been completed, benefitting around 200+ candidates and many courses are currently in the pipeline.



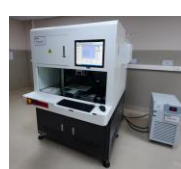
Overall, CoE in Manufacturing has generated a sum total of around Rs. 8.40 Lakhs as revenue through all the activities, in the last one year.

8.4 CENTRE FOR ADVANCED MANUFACTURING AND AUTOMATION (CAMA)

- Name of the CoE/IDRL: Centre for Advanced Manufacturing and Automation
- Location: Building in which CoE located: Thiran Building
- Name of the Coordinator(s): Dr. M. Duraiselvam
- Details of faculty and staff involved: All faculty associated with Manufacturing CoE and a machine operator are involved in the Centre activities
- Total Fund sanctioned under HEFA: Rs. 10.3 Crores
- Fund utilized till date (Actual Cost Expended): Rs. 7.54 Crores

Details of equipment purchased

S. No	Equipment detail with key specifications	Date of Installation and cost (in Lakhs)	Purpose
1	High-Temperature Indentation tester (to measure high-temperature hardness of the material)	18.12.2020 85.5 Lakhs	Research/Consultancy
2	Laser Materials Processing cell (to perform laser shock-peening to improve fatigue property)	17.12.2020 100.87 Lakhs	Research/Consultancy
3	Selective Laser Melting (SLM) based Additive metal manufacturing system (To print metal parts made of any functional materials)	30.04.2021 476.41 Lakhs	Research/Consultancy
4	Upgradation of existing pico-second laser to femtosecond laser (to perform micromachining and texturing)	28.11.2020 91.39 Lakhs	Research/Consultancy
5	Anisoprint Composer A4 3D printer (To print composite materials with the reinforcement of continuous fibers) (Purchased under DRDO Project fund)	01.11.2022 20.50 Lakhs	Funded Project/Consultancy



(a)

(b)

(c)

(d)

(e)

(a) High temperature indentation tester

(b) laser shock peening system,

(c) 3D Metal Printing,

(d) Femto second micro machining,

(e) Anisoprint Composer A4 3D printer

Research publications

1. Baskaran, J., Muthukannan, D., Shukla, R., & Konda Gokuldoss, P. (2024). "Manufacturability and deformation studies on a novel metallic lattice structure fabricated by Selective Laser Melting" Vacuum, 222, 113065. <https://doi.org/10.1016/J.VACUUM.2024.113065>
2. Jagadeesh, B., Duraiselvam, M., Bera, A. and Arya, A., 2023. Effect of laser micromachining and laser shock peening on the performance of Inconel alloy parts for

aerospace application.

- Jagadeesh, B., Duraiselvam, M., & Prashanth, K. G. (2024). “Deformation and energy absorption studies on FBCC and FBCCz lattice structures with symmetrical density gradients produced by L-PBF of Ti-6Al-4V alloy” Materials Today: Proceedings.

<https://doi.org/10.1016/j.matpr.2024.02.008>

Number of PhD students working

S.No	Name of the Student	Guide	Area of Research
1	Dhilepan R (Full-Time)	Dr. M. Duraiselvam	Metal Additive Manufacturing
2	S. Nazeer (Full-Time)	Dr. M. Duraiselvam	Metal Additive Manufacturing
3	M. Ramakrishnan (Full-Time)	Dr. M. Duraiselvam	Metal Additive Manufacturing and Laser Shock Peening
4	B. Hemalatha (Part-Time)	Dr. M. Duraiselvam	Additive Manufacturing
5	Sundaresan (Part-time)	Dr. M. Duraiselvam	Laser Shock Peening
6	Padmanaban (External Ph.D)	Dr. M. Duraiselvam	Additive Manufacturing
7	Sriram (External Ph.D)	Dr. M. Duraiselvam	Additive Manufacturing
8	Srijith (QIP)	Dr. V. Satheesh Kumar	Metal Additive Manufacturing and Laser Shock Peening
9	Deepu Nair (QIP)	Dr. T. Jagadesh	Femtosecond laser micromachining

Number of Project Staffs working

S.No	Name of the Student	PI	Area of Research
1	Mohamed Hussain K (Senior Research Fellow)	Dr. M. Duraiselvam	Digital Twin and robot control system
2	G. Venkatesh (Project Associate – II)	Dr. M. Duraiselvam	Metal Additive Manufacturing
3	Dr. RM. Sakthi Sadhasivam (SERB NPDP)	Dr. M. Duraiselvam	Metal Additive Manufacturing

Number of PG students working

S.No	Name of the Student	Guide	Area of Research
1	Suroj Singh	Dr. M. Duraiselvam	4D Printing
2	Ashish Kumar Chaurasiya	Dr. M. Duraiselvam	Metal Additive Manufacturing

Number of UG students working

S.No	Name of the Student	Guide	Area of Research
1	Shresth Bhakta	Dr. M. Duraiselvam	Composite 3D Printing and Machine Learning
2	Chirag Bhatia		
3	Siddhesh Gaikwad		
4	Ravichandran G S	Dr. M. Duraiselvam	CAD

Consultancy

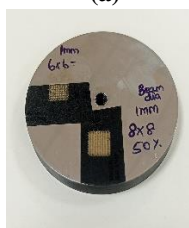
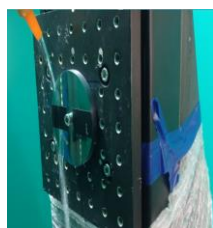
- Type of services provided: Additive manufacturing, laser shock peening, micromachining
- Number of consultancy provided: 8
- Revenue generated till 25.04.2024: Rs. 10.97 Lakhs
- Methodology followed to attract consultancy services: Advertisement in social media, delivering lectures, webinars, and live demonstration of the processes for students and faculty visiting the Centre.



(a)



(b)



(c)



(d)

- (a) 3D Metal Prints
 (b) Femtosecond Laser micro drilling
 (c) Laser shock peening on SAE 52100 disc
 (d) Anisoprint Composer A4 3D Printer, with and without support.

COLLABORATION

Departments using the CoEs with the details of faculty involved

S.No	Name of Faculty	Department
1	Dr. M. Duraiselvam	Production
2	Dr. V. Anandakrishnan	Production
3	Dr. V. Satheesh Kumar	Production
4	Dr. T. Jagadesh	Production
5	Dr. Vineet Kumar Yadav	Production
6	Dr. Santosh Kumar Mishra	Production
7	Dr. S. Moorthi	EEE
8	Dr. M. P. Selvan	EEE

Details of industries/R&D organisations collaborating

S.No.	Industry	R&D Organization
1	MIT Square, Bangalore	GTRE, Bangalore
2	nRoot Technologies, Tanjore	BHEL, Trichy
3		ISRO, Trivandrum

MoUs signed with industries/ R&D organizations/Academic institutions

S.No.	Industry
1	MIT Square, Bangalore
2	nRoot Technologies, Tanjore

FUNDED PROJECTS

Number of projects applied to various funding agencies with details

S.No.	Short Title of the project	Name of the PI and Co-PI	Funding Agency	Remarks
1	Laser Shock Peening of Titanium based alloys of aero-engine components	Dr. M. Duraiselvam Dr. V. Anandakrishnan Dr. T. Jagadesh Dr. Vineet kumar Yadav	DFTM	Under Review
2	Femtosecond based micro-drilling studies	Dr. T. Jagadesh Dr. M. Duraiselvam	DST	Under Review
3	Numerical modelling and experimental investigations of 3DP metallic structures	Dr. Vineet Kumar Yadav	DST	Under Review

Details of ongoing sanctioned projects

S.No.	Short Title of the project	Name of the PI and Co-PI	Funding Agency	Cost (Lakhs)
1	Development of Metal 3D Printed Lightweight Flywheel and Novel Control Algorithm for Microgrid Energy Storage Applications	Dr. M.P. Selvan Dr. S. Moorthi Dr. M. Duraiselvam	DST	30.36
2	Design and Development of Robotic based continuous Fiber Additive Manufacturing System	Dr. M. Duraiselvam Dr. R. Jayaganthan (IITM)	DRDO	224.554
3	Improvement of thermo-mechanical properties of aero-turbine blades through 3D printed auxetic structures	Dr. M. Duraiselvam Dr. Arockiarajan (IITM)	DST	45.877

Courses Organized

S.No	Workshop Title	Title of Lecture/Delivered by	Organizing Institute	Date
1	One week Faculty Development Program on Composite Additive Manufacturing	Dr. M. Duraiselvam Dr. V. Anandakrishnan Dr. S. Vinodh Dr. T. Jagadesh Dr. Mallikarjuna Dr. K. Sivaprasad & eminent professors and scientists from various organizations.	CAMA, NIT Trichy	18 – 22 December 2023



Courses participated/lectures delivered:

S.No.	Workshop Title	Title of Lecture/Delivered by	Organizing Institute	Date
1	One day Faculty Development program on composite Additive Manufacturing	Research opportunities in Additive Manufacturing- Dr. M. Duraiselvam	National Institute of Technology Tiruchirappalli	18-22 December 2023

Plan For Next 3 Years (Goals)

Short term Goals (Within a Year)

- Organization of Workshops/Conferences/Faculty Development Programs
- Increase the consultancy revenue
- More MoUs with Industries, Institutes and R&D Organizations

Medium term Goals (2-3 Years)

- Industrial consultancy
- R&D Projects
- Institutional projects
- New product development
- Upskilling of employees
- Foreign collaborations
- Paid internships
- Patent submission
- Research paper publications

Long-term Goals

- Offer Certified courses
- Facilitating spin-off companies
- Adding more facilities related to additive manufacturing, smart systems to convert this into an Additive Manufacturing Hub and cater to the requirements of Industry 4.0 principles

8.5 CENTRE OF EXCELLENCE IN EMERGENCY RESPONSE SUPPORT SYSTEM

Emergency Response Support System (ERSS)

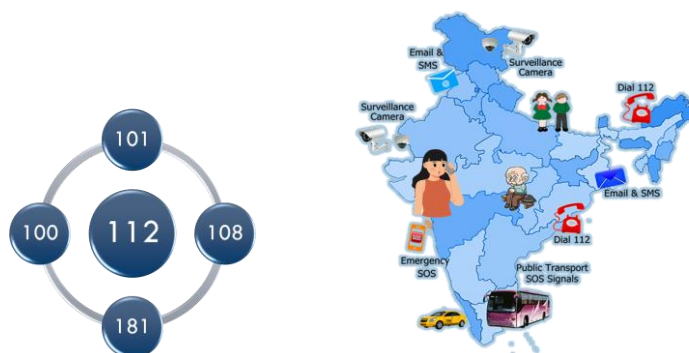
Emergency Response Support System (ERSS) is a Pan-India single number (112) based emergency response system for citizens in emergencies. Each State/ UT is required to designate a dedicated Emergency Response Centres (ERC) to handle emergency requests.

Emergency Response Support System (ERSS) is the vision of Govt. of India to launch an integrated emergency response system with a single emergency number 112, to address different emergencies of citizens. ERSS is designed to address all emergency signals received from citizens through voice call, SMS, e-mail, panic SOS signal, ERSS web portal etc.

A mobile App called '112 India' was introduced by the Govt. of India, to quickly raise a request for help when a person is in emergency, by pressing a button to send alert messages with location data and make an emergency call to 112. This facility will aid the concerned service agencies to reach out the requestor quickly.

The automated facility being setup for this purpose in the capital cities of all States and UTs, called Public Safety Answering Point (PSAP), will handle all these emergency signals and provide assistance available to the people in distress within the best possible time with the help of Police, Fire & Rescue, Health services etc.

ERSS tracks the rescue and service vehicles of all services (Police, Fire, Health etc) in real-time on a digital map of the State/UT and hence it will be possible to direct the right vehicle(s) to reach the service requestor and provide necessary support immediately. Henceforth, all the existing emergency numbers like 100 (police), 101 (Fire and Rescue) and 108 (ambulance), 181 (Woman and Child Care) etc. will be integrated to unified number 112.



If you require emergency assistance from Police, Fire & Rescue, Health and other services, you may:

1. Dial 112 from your phone;
2. Press power button on your smart phone 3 times quickly to activate Panic call;
3. In case of feature phone, long press '5' or '9' key to activate Panic call;
4. Log on to State ERSS website and place your SOS request;
5. Email SOS alert to State ERC; and
6. Use 112 India Mobile App (available in Google Play Store and Apple store) to activate a panic call to ERC.

ERSS features

1. 24x7 Effective Services for Citizens
2. Automatic Location Identification of The Caller/Victim
3. Dynamic Emergency Response Service from The Nearest Emergency Response Vehicle
4. Service from Police, Fire, Medical and Natural Disaster Management Teams
5. Emergency Service Coordination from A Centralized Control Centre in State Capital/UTs
6. Improves Decision Making in Emergency Situation Which Minimizes Response Time
7. Live Tracking of Emergency Response Vehicles
8. Totally 'Indigenous' Software Solution Developed By C-DAC

Centre of Excellence in Emergency Response Support System (COE ERSS)

Centre For Development of Advanced Computing, Thiruvananthapuram (CDAC-T) had Sanctioned Rs 50 Lakhs, as Research Consultancy.

The Centre of Excellence in Emergency Response Support System (COE ERSS) stands as a beacon of hope and efficiency in times of crisis. Established with a vision to revolutionize emergency response systems, COE ERSS serves as a hub of innovation and collaboration. By

leveraging cutting-edge technology and strategic partnerships, COE ERSS ensures swift and effective responses to emergencies, saving lives and mitigating risks. Through advanced data analytics, real-time monitoring, and seamless coordination with relevant authorities, COE ERSS sets a new standard in emergency management. With a dedicated team of experts and state-of-the-art infrastructure, COE ERSS is committed to safeguarding communities and fostering resilience in the face of adversity.

Team Members

- Dr. N SIVAKUMARAN, Prof, Dept of ICE - Head Of The Centre
- Dr. T. K RADHAKRISHNAN, Professor (HAG), Dept. of Chemical Engineering
- Dr. SISHAJ P SIMON, Prof., Dept. of Electrical and Electronics Engineering
- Dr. M. VENKATA KIRTHIGA, Prof., Dept. of Electrical and Electronics Engineering
- Dr. K. SRINIVASAN, Prof, Dept of ICE
- Dr. M. BRINDHA, Associate Prof., Dept. of Computer Science Engineering,
- Dr. B. REBEKKA, Associate Prof., Dept. of Electronics and Comm Engineering
- Dr. B. JANET, Associate Prof., Dept. of Computer Applications,
- Dr. P. A. KARTHICK, Associate Prof, Dept of ICE

Dr. C. Sylendra Babu IPS, Director General of Police, Govt of Tamilnadu inaugurated the Center of Excellence in Emergency Response Support System (COE ERSS) on February 1, 2023.



List of Infra Structure Provided By CDAC-T

1. Server with 20TB storage, Two PCs with dual screens, Two IP phones, Two electronic tablets
2. Installation of Servers and Clients
3. Setting up and configuring the basic digital maps
4. PRI / Analog connectivity for routing of voice calls
5. Configuring voice, SMS, email gateways
6. Porting of operational data and System administration
7. Setting up a 'Panic' signal receiving gateway
8. Provisioning of necessary data / libraries / COTS software for the research works

First International Conference - Intelligent Solutions For Emergency Support And Disaster Management - ISERDM 2023

- Jointly Organized By The Centre Of Excellence In Emergency Response Support System (CoEERSS), National Institute Of Technology Tiruchirappalli (NIT-T), and Centre For Development Of Advanced Computing (C-DAC), Thiruvananthapuram
- Inaugurated By Dr.V. Thiruppugazh Retd IAS, Chairman, Advisory Committee on Flood Mitigation For Chennai Metro And Former Advisor, National Disaster Management Authority (NDMA), Ministry Of Home Affairs On Jan 2023



Panel Discussion

Dr. Kurupath Radhakrishnan, Senior Consultant Neurologist, Avitis Institute of Medical Sciences, Palakkad

- Suggested that social media could be leveraged to increase the reach of broadcasts among youngsters

Dr. S. Kumaravel, Professor, Thanjavur Medical College

- Explained that the chance of survival of victims of accidents decreases quickly during the golden hour. therefore, he encouraged the members in the audience to seek emergency service, immediately without worrying about legal implications while coming across persons in distress.

Dr. Paramesh Shamanna, Medical Director at Twin Health

Workshop on Essence of Emergency Response Support System Conducted, at the National Institute of Technology Tiruchirappalli in hybrid mode



28 Hour Hackathon

Jointly with Datanetiix Solutions India Pvt. Ltd Was Conducted. 58 Teams of Two Participated. In the domains of app development, Machine Learning, Data Science, and IT/Web Security, jointly with Datanetiix Solutions India Pvt. Ltd, a pioneering force in the tech industry, an exhilarating event was conducted that brought together 58 teams of two from various academic institutions and backgrounds. This event, held under the banner of innovation and collaboration, encompassed domains crucial to the evolving technological landscape: app development, machine learning, data science, and IT/web security. Participants immersed themselves in challenging projects, pushing the boundaries of their knowledge and creativity. Through rigorous problem-solving and teamwork, they not only honed their technical skills but also forged bonds that transcended professional boundaries. The event served as a melting pot of ideas, fostering a culture of innovation and fostering the next generation of tech leaders.



Training For NIT-T Faculty and Students

- 8 internships were carried out by NIT-T students
- With a stipend of Rs 3000/- per month for three months

Over the summer break, eight industrious students from the National Institute of Technology, Tiruchirappalli (NIT-T), embarked on internships that not only enriched their academic journey but also provided invaluable hands-on experience. These internships, spanning diverse fields from engineering to finance, offered the students a stipend of Rs 3000/- per month for a duration of three months. As they delved into real-world projects and challenges, the students honed their skills, gained insights into their respective industries, and formed lasting connections with professionals. Through these enriching experiences, they not only contribute meaningfully to their fields but also paved the way for future career opportunities.



Research Studies

- The research work “CRIME DETECTION AND CRIME HOT SPOT PREDICTION USING BI-LSTM DEEP LEARNING MODEL” was funded by the Ministry of Home Affairs, Government of India
- Emotion detection on phone calls during emergency using ensemble model with hyper parameter tuning
- HPRXF Model: An Ensemble Transfer Learning-based Fusion model for handling Pandemic-related Calls received by the Emergency Response Support System
- Pre-trained ensemble model for identification of emotion during COVID-19 based on emergency response support system dataset
- Deep Learning Models for Fake calls detection using emotions data
- Location Based Security Advisory for Women Safety under the Development.



Visitors to the Center

Meeting with Mr. A. Kalaiselvan, The Director and Center Head at CDAC Thiruvananthapuram.

Mr. A. Kalaiselvan is a seasoned professional who holds the position of Director and Centre Head at CDAC Thiruvananthapuram. With a wealth of experience and expertise in the field, he leads the center with a focus on innovation and excellence. Mr. Kalaiselvan's leadership is characterized by his strategic vision and dedication to advancing technology and research initiatives. Under his guidance, CDAC Thiruvananthapuram continues to make significant

contributions to the field of information technology and plays a crucial role in shaping the future of the industry.



Meeting with Dr. Srinivasan Sundarrajan, Former Director NITT

An engagement was organized with Dr. Srinivasan Sundarrajan, a distinguished figure who served as the Former Director of NITT and the retired Chief Director of DRDO, Hyderabad. Dr. Sundarrajan is renowned as an outstanding scientist and has led the program team for BrahMos at DRDA.



Meeting with Mr. Richard Sekar - Alumni 83 Batch| 19Mar2024

Mr. Richard Sekar received the Distinguished Alumni Award (DAA) in 2022 under the category of "Excellence in service to society" for his impactful entrepreneurship endeavors with significant social relevance.



Meeting with Mr. Subi Krishnamurthy, alumni 85 Batch

A session was held with Mr. Subi Krishnamurthy, an esteemed member of the Alumni 85 batch and the founder and CEO of Pimic, a company headquartered in Cupertino, CA, USA



8.6 COUNSELLING AND GUIDANCE CELL

Overview

Institute has provision for improving the academic performance of weaker students through an Equity Action Plan. It focuses on student-centered strategies to enhance their performance by appointing active mentors/counsellors to guide the student. NIT Tiruchirappalli has taken the lead initiative in establishing a 'Counselling and Guidance Cell' at the Central Library building to provide Enrichment and Enablement Services through personal attention to the students and also extending the facility to faculty and staff of the Institute under the supervision of the Office of the Dean (Students' Welfare). The Counselling and Guidance Cell also assists students, faculty, and staff in overcoming learning difficulties, enhancing harmonious relationships, behavioural development, and adaptability problems, in addition to improving their overall personality and helping them meet challenges in life. There are three professional counsellors are available on regular basis daily for eight hours a day at the Central Library building (II Floor, Room No. 301) and the students are extensively using the facility. If anyone is diagnosed for psychiatric treatment, then the person is referred to a Psychiatrist for medical treatment available at our campus hospital. The service of the counsellors is also available at the NITT hospital on Wednesdays and Thursdays from 2:30 pm to 5:00 pm.

Some of the services rendered are:

- Identifying the abilities of students and nurturing it.
- Helping students to sort out interpersonal, educational, and psychological issues.
- Showing ways of developing a positive attitude to meet the challenges.
- Helping them to recognize their strength and overcome their weaknesses.
- Providing a strength-based approach in treatment planning with a focus on optimal psychosocial care.
- Help is provided through individual counselling, group therapy, family counselling, and crisis counselling.

An online counselling and emotional support platform, yourdost.com, designed to foster mental wellness was launched on 6th August 2019. It anonymously connects individuals with the right expert consisting of psychologists, psychotherapists, counsellors, life coaches, career guides. This online support platform ensures people with rich and profound life experience provide suitable guidance to individuals maintaining confidentiality. The counselling includes:

- Online chats
- Video Sessions
- Audio Sessions
- Awareness Webinars

- Awareness Workshop

There are around 1000 counsellors available round the clock online, and is being used by all the members of the NIT-Trichy community, who have a valid NITT Email-Id.

Counselling and Guidance Cell organizes motivational sessions every month for the students of NITT. A brief report of the major workshops organized by the counselling and guidance cell during the last one year is given below:

8.6.1. Empowering Minds: Nurturing Emotional and Psychological Well-being among Research Scholars

A half-day workshop on **“Empowering Minds: Nurturing Emotional and Psychological Well-being among Research Scholars”** was organized for the Ph.D. scholars of our Institute on 9th June 2023. The program was held in the A2 Hall, Admin block from 9:30 a.m. to 1:30 p.m and witnessed the participation of approximately 100 research scholars. The session was handled by **Ms. Joanna Jowett**, a Counselling Psychologist and Certified NLP Practitioner with YOURDOST (The Institute’s online counselling service partner). The workshop contents were designed to fit the theme, "Enriching Research Life". The session was activity-based and aimed at boosting the motivation and morale of the research scholars. The key topics covered included managing the challenges of research life, mastering work-life balance strategies, prioritizing self-care and emotional regulation, eliminating distractions and improving work focus, sleep hygiene, and meditation techniques. The workshop was well received, and the audience gave positive feedback, highlighting the interactions and delivery of the contents.



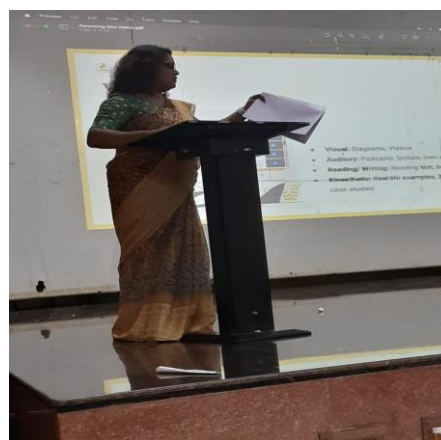
8.6.2. Resilient Minds: Fostering Emotional Well-being among Faculty Members

The counselling and guidance cell organized a half-day workshop titled **“Resilient Minds: Fostering Emotional Well-being among Faculty Members”** for the faculty members of our Institute. The workshop's content was designed to address critical areas like work-life balance, stress management, effective communication with the students, inter alia, and witnessed participation from approximately 70 faculty members. The resource person was **Dr. J. Florence Shalini**, Clinical Social Work specialist and Assistant Professor (Social Work), Bishop Heber College, Trichy.



8.6.3. Parenting Gen Alpha

A half-day workshop on “**Parenting Gen Alpha**” was organized by the Counselling and Guidance Cell on 21st Aug 2023. The event was part of the first-year orientation program and targeted the parents of the newly admitted first year Undergraduate students of the Institute. The speaker was **Ms. Joanna Jowett**, a Counselling Psychologist and Certified NLP Practitioner. The areas covered included but were not limited to understanding the students' emotions, keeping the connect, being a coach, and taking care of their own emotions.



8.6.4. Session on ‘Psychological Well-being’ for PG students

A half day workshop on “**Psychological Well-being**” was organized for the Post Graduate students of the Institute on 9th August 2023. The session was handled by **Ms. B. Josephine Sudhanthra** (Clinical Psychologist), former counsellor, NIT Trichy. The event was held in the EEE auditorium with a participation from approximately 100 PG students.



8.6.5. Classroom orientation for first year UG students

A classroom orientation session was held for all the first year under graduate students on 13th October 2023. The counselling cell coordinators, Dr. Sreejith Mohan and Mrs. V. Nagajyothi along with the counsellors, Mr. Vijay Krishnan and Ms. Vijipriya visited all the first year UG classrooms and interacted with the students. The students were made aware of the activities of the cell and they were motivated to contact the cell in case of any emotional or psychological issues.

8.6.6. Session on “Mental health and Well-being” for ICCR students

The counselling cell organized an awareness program on “**Mental health and Well-being**” for the students of the Indian Council for Cultural Relations (ICCR) on 3rd November 2023. The program witnessed participation from 60 ICCR students of the Institute. The session was handled by **Dr. V. Suganthi**, Asst. Professor, Dept. of Psychology, St. Joseph’s College, Trichy. The key topics covered were emotional intelligence, interpersonal relationship, sleep hygiene, stress Management, coping with academic environment, and inter alia.



8.6.7. Session on “Mental health and Well-being” for students of Humanities & Social Sciences Department

An awareness programme on the topic "**Mental health and well-being**" was organized for the postgraduate students of the Humanities and Social Science department. 60 students participated in the programme. **Dr. V. Suganthi**, Assistant Professor in the Psychology Department, St. Joseph's College in Trichy, led the session. The main topics covered were stress management, role of social media on mental health, sleep hygiene, and emotional intelligence.



8.6.8. Session on 'Psychological Well-Being' for students of the Department of Management Studies

The Counselling and Guidance Cell of the Institute, under the aegis of the office of the Dean (Students' Welfare) organized a lecture on the theme '**PSYCHOLOGICAL WELL-BEING**' for the Post Graduate students and research scholars of the Department of Management Studies on 13th December 2023. The resource person was **Dr. Emmanuel Arockiam, SJ**, Head, Department of Counselling and Psychology, St Joseph's College, Trichy. The session covered topics such as emotional and social well-being, Sleep hygiene, Common disorders, Stress and its consequences, and inter alia.





8.6.9. Session on Emotional Intelligence for research scholars

The Emotional Intelligence workshop, held on **12th January 2024**, was a thought-provoking and insightful session led by **Prof. Sangeetha Gurusamy**, Assistant Professor, Department of Architecture, NIT, Trichy. The event aimed to educate research scholars on the significance of emotional intelligence in personal and professional growth.

Prof. Sangeetha began the session by defining emotional intelligence and its components, including self-awareness, self-regulation, motivation, empathy, and social skills. She emphasized the importance of recognizing and managing one's emotions to achieve better relationships and decision-making. Through her engaging presentations, interactive exercises, and group discussions, participants explored various aspects of emotional intelligence. Prof. Sangeetha shared real-life examples and case studies, making the concepts more relatable and applicable to the participants. The Emotional Intelligence workshop proved to be a valuable experience, equipping participants with practical tools and insights to improve both their personal and professional lives.





8.6.10. Two-day Workshop for Hostel Warden, Stewards RSC, all UG & PG CRs and all M. Tech students

Day 1 (20th February 2024):

The first day of the event focused on the topic titled "Mental Health: Recognizing Signs and Symptoms," with participants comprising hostel wardens, stewards, Resident Student Coordinators (RSC), and all UG and PG Class Representatives (CRs). **Ms. K. Harini**, Counselling Psychologist, Mpower: Aditya Birla Educational Trust, led the session, equipping participants with the knowledge to identify and address mental health concerns. Participants gained a deeper understanding of mental health and their role in supporting students, through interactive discussions and case studies.

Day 2 (21st February 2024):

All the M.Tech students attended the workshop titled "Mental Health and Well-being" on the second day. In this session, Ms. Harini explored the importance of prioritizing mental health and well-being, particularly in academic environments. Through engaging presentations, group activities, and Q&A sessions, participants developed a better understanding of mental health and well-being strategies.





8.6.11. Session on Stress Management for students of the Department of Production Engineering

The stress management session for students of the Production Engineering department was conducted on 21st March 2024 by **Mr. Randeep Rajkumar**, a seasoned Clinical Psychologist from Athma Hospital, Trichy. The classroom session aimed to equip students with effective strategies to manage stress and to promote their overall well-being.

Mr. Randeep Rajkumar engaged the students through interactive presentations, group discussions, and practical exercises. Students participated actively, sharing their concerns and experiences. The session was highly appreciated by the students, offering them valuable tools and insights to effectively manage stress and enhance their overall well-being.



8.6.12. Session on Mental Wellness for students of the department of ECE

Dr. Gayathri Ranjith was invited as the guest speaker for the Department of ECE on 24th April 2024. She is working as an Assistant Professor in the Department of Social Work at Anugraha College, Dindigul. In this session, Dr. Gayathri Ranjith highlighted that mental wellness is just as important as physical health, emphasizing that neglecting it can lead to serious consequences. She urged the students to prioritize self-care, practice mindfulness, and nurture healthy relationships. Additionally, she stressed the importance of breaking the stigma around mental health and seeking support.

The speaker shared insightful examples and anecdotes from her experience in social work, making the concept more relatable and engaging for the students. She encouraged them to be mindful of their thoughts, emotions, and actions, and to seek support whenever necessary. The session concluded with a Q&A, where Dr. Ranjith addressed students' questions and concerns, offering valuable guidance and reassurance.



8.6.13. Workshop on Balanced Living and Effective Mentoring for faculty members

On July 16, 2024, the Counselling and Guidance Cell hosted a workshop for faculty members on the topic of "Balanced Living and Effective Mentoring." The workshop focused on achieving a harmonious balance between personal and professional life and developing effective mentoring skills.

Resource person **Dr. A. John Balaiah**, Head of the Department of Counselling Psychology and Coordinator of Joseph's Academy of Soft Skills at St. Joseph's College (Autonomous), Trichy, shared expertise, providing practical tools and techniques for managing stress and enhancing well-being. Dr. Balaiah also introduced the Johari Window, a model for self-awareness, interpersonal relationships and effective communication. Additionally, he demonstrated practical tools and techniques for managing stress, providing participants with valuable insights and skills to enhance their overall well-being.

Dr. Balaiah highlighted the importance of establishing a trusting relationship between mentors and mentees. The workshop was both well-organized and well-received, equipping staff members with valuable knowledge and skills to enhance their mentoring capabilities and better support students.



8.6.14. Session on Stress Management for students of the Department of Mechanical Engineering

The stress management session, held on 9th August 2024, was aimed to equip Mechanical Engineering students and faculty with effective strategies to manage stress and promote overall well-being. The speaker was Mrs. Gayathri Pandiyaraj, Director of Shega Counselling Centre, Trichy.

Mrs. Gayathri Pandiyaraj captivated the audience with interactive presentations, group discussions, and practical exercises. Participants actively shared their concerns and experiences. She guided them

through relaxation techniques, including deep breathing, progressive muscle relaxation, and visualization, to help manage stress.



8.7. HOSPITAL



NIT Tiruchirappalli has a hospital within the campus, located for the convenience of the students. It is close to the hostels and quarters of the residents and provides primary health care round the clock on all the days.

NITT Hospital is a 10 bedded hospital with casualty, OP & IP facilities, 24 hours fully equipped ambulance, 24 hours' pharmacy and a clinical laboratory working from 07:00 a.m. to 09:00 p.m.

The ambulance driver is provided with an official mobile phone for direct contact in case of emergency. The mobile number of the ambulance is displayed for notice in every building of the institution (academic, hostel zone, administrative building, common halls, sports Centre, etc.,) to call in case of an emergency.

Any student/resident requiring emergency medical management will be brought by the ambulance to the NITT Hospital. Doctors on duty will examine the patient in the casualty. Patient's general

condition and vitals will be monitored and necessary steps will be taken to stabilize the patient. If needed, ECG will be taken immediately and required investigations will be carried out. The doctor will diagnose and manage the case accordingly.

After stabilizing the patient, those requiring secondary and tertiary management will be referred to the nearby hospital at BHEL, Trichy. This is a 200 bedded Hospital run by BHEL, Trichy, a Govt. of India – Public Sector Undertaking, which is close to NITT (5 kms from NITT). Moreover, the students and employees of NITT can avail cashless treatment based on MoU.

Each student is included under the Medical Group Insurance Scheme from the time of enrolment as students of NITT and major hospitals are empanelled. Out of which Apollo Multi Specialty Hospital (12 kms from NITT Hospital) with super speciality doctors, CT, MRI facilities available round the clock is the closest.

Any patient referred from NITT Hospital to BHEL/other empanelled hospital will be followed up on a daily basis by Medical Officers of NITT.

On identification and confirmation of any communicable/notifiable disease within the campus, the Medical Officer of NITT Hospital will immediately report to the Local Authority/Public Health Officer and the Institute Officials for further action.

The Institute Health Committee of NIT Tiruchirappalli comprises of the following members.

1. Chairperson – Hospital
2. Dean – Students Welfare
3. Dean – Institute Development
4. Estate Officer
5. Convener – Hostels
6. Medical Officers
7. Warden – Ladies Hostel
8. President – Students Council
9. Vice President – Students Council

Chairperson, Hospital Advisory Committee

- Dr. J. Hemalatha, Professor, Physics

Medical Officers (permanent)

- Dr.R. Priyanka, M.B.B.S., PGDFM

Medical Officers (on contract)

- Dr.Chandrika, MBBS
- Dr.Margatham, MBBS
- Dr.R. Divya Lakshmi, MBBS
- Dr.A. Meenalakshmi, MBBS
- Dr.Selvavel, MBBS

Visiting Consultants:

- Dr. N. Devasena, (General Medicine)

- Dr. K. Ananth, (Paediatrician)
- Dr. Keerthana Priyadrshini, (Obstetrics and Gynaecologist)
- Dr. G. Samynathan, (Orthopaedician)
- Dr. M. Mohamed Mansoor, (General Surgeon)
- Dr. S. Sujatha, (Ophthalmologist)
- Dr. K. Ronald Roy, (Psychiatrist)
- Dr. M. Ajay, (ENT Specialist)
- Dr. K. Akila, (Dermatologist)
- Dr. Gokul Kannan, (Dentist)
- Dr. Arya.M.C., (Ayurveda)
- Dr. M. Ayyalammai, (Homeopathy)
- Dr. Selvarani, (Physio Therapist)
- Dr. D. Bhuvana, (Physio Therapist)

The committee in coordination with the Public Health Officer will ensure that all precautionary measures are taken to control and prevent the spread of such disease in the campus.

FACILITIES AVAILABLE IN NITT HOSPITAL



8.8. HOSTEL

The National Institute of Technology is a residential institute and Hostel administration is an independent unit with respect to its internal administration. It is under the overall supervision of the Hostel Administration Committee (HAC) headed by Chief Warden. Hostel administration committee consists of Chief Warden, Additional Chief Wardens and Convener of Hostels. Each hostel is administered by a Warden appointed by the Director and he/she is assisted by Hostel Manager, Residential Student Councillor (RSC) and Hostel Assistant Manager in all matters related to the hostel. The HAC formulates the necessary rules and guidelines pertaining to Hostels and messes.

There are 22 Boys hostels and 6 Girls hostels

which accommodate 6200 students approximately every year. Each hostel also has a Hostel Committee which is an advisory body comprising the Warden of the Hostel (as its Chairman), RSC and the elected student representatives as its members. The Hostel Committee plans the students'

activities for the year, like sports, recreational, social activities of the hostel and the welfare of the inmates through the respective student representatives. First year students are accommodated in separate hostels to ensure that there is no ragging in hostel premises.

The Hostel Office is located within the hostel premises and managed by Assistant Registrar Hostels, Hostel Manager, accountants, and other staffs in matters related to the various activities of the hostel. The Office maintains all the files, registers, records, ledgers, account books, supplier's bills, payment registers etc., pertaining to the hostel residents, mess and the employees. The Hostel Office is functioning on all weekdays and Saturday.

Every student who has been admitted to the institute is required to pay the prescribed hostel rent and establishment charges along with a refundable hostel mess caution deposit. These charges are subject to revision from time to time.



A number of recreational, sports and social activities take place in the hostel during the academic year. A few rooms in the hostel are used for common facilities such as the Computer Room, Indoor Sports etc. One of the Common Rooms houses a Table Tennis (TT) board and Carom board as well. Avid sports enthusiasts can take their sports equipment from the sports Room which is maintained by the Hostel Sports Secretary.

An external security agency is contracted for providing security at the hostels. The services of the security personnel are monitored by the Warden. An external agency is contracted for providing housekeeping services in the hostels and premises monitored by the Hostel Manager. The closed-circuit television (CCTV) cameras have been installed at the entrances of the all hostels.

The Hostel committee, ensures proper maintenance of the hostel premises and coordinates the activities of the other secretaries. The Mess committee works in conjunction with the mess caterer in planning of the menu and maintenance of hygiene in the kitchen and the mess hall. Procurement of Sports equipment is the responsibility of the student's council who also plans the intra-hostel events and appoints Captains for the various hostel teams.

Presently 9 private caterers provide catering services for all inmates of hostels and 9 messes which could accommodate all the students at a time. The messes provide non-vegetarian menu, north Indian cuisine, Tamil Cuisine, Andhra cuisine and Kerala cuisine. Each mess has a separate mess committee, to monitor the quality of



the food served and to modify the menu as per the requirements of the students.

Provision is given for every student to opt the mess as per their choices each month with a restriction on maximum number of students per caterers. Apart from this night kiosks, an exclusive Food court

is run in the hostel premises by private catering services. Hostel zone also consists of other common facilities like ATM, Xerox shop and laundry shops.

Hostel Administration Committee (HAC) – April 2023- March 24:

S. No.	Designation	Name of the Warden / Department	E-mail (@nitt.edu)
1.	Chief Warden	Dr. S. Venkatachalapathy/ Mechanical	svc
2.	Additional Chief Warden	Dr. B. Senthil Arasu/ Management	arasu
3.	Additional Chief Warden	Dr. K. N. Sheeba/ Chemical	sheeba
4.	Member	Dr. Baby Viswambharan/ Chemistry	babyv
5.	Hostel Convener	Dr. U. Srinivasulu Reddy/ CA	usreddy
6.	Registrar	Or his nominee	registrar

Managers (April 2023-March 24):

S. No.	Name of the Hostel Managers	Hostels & Mess	Email Id (@nitt.edu)
1	Major. S. Palanivelu	Boys Hostels	palanivelu
2	Mr. R. Sivakumar	Boys Hostels	rsk
3	Mrs. E. Daisy Rani	Girls Hostels	edaisy

Wardens (April 2023-March 24):

S. No.	Name of the Warden	Hostels & Mess	Email Id (@nitt.edu)
1	Dr. S. Mageshwari	OPAL A & First Year Mess	mageshwari
2	Dr. Baby Viswambharan	OPAL B	babyv
3	Dr. Shameedha Begum	OPAL C & South Mess	shameedha
4	Dr. R. Gowthami	Opal D	gowthami
5	Dr. K. P. Pinkymol	OPAL E & North Mess	pinkymol
6	Dr. S. Saroja	Opal F	saroja
7	Dr. K. Selvakumar	Amber A, B	kselvakumar
8	Dr. J. Kirubakaran	Zircon C, Beryl & B - Mess	kirubakaran
9	Dr. Abhijit Das	Garnet C, Agate & A - Mess	abhijit
10	Dr. Balaji Banothu	Lapis, Sapphire & Annapurna Mess	balaji
11	Dr. C. Arivazhagan	Emerald, Pearl & MM II FF– North Mess	arivazhagan
12	Dr. T. Jagadesh	Garnet A, B & Kailash Mess	jagadesh

13	Dr. V.M. Jaganathan	Jasper, Coral & MM I FF - North Mess	vmjagan
14	Dr. R. Bala Krishnan	Aquamarine A, B & Sabari Mess	balakrishnan
15	Dr. Bishweshwar Babu	Zircon A, B MM I FF - South Mess	bishweshwar
16	Dr. Ganesh Chandra Nandi	Topaz, Ruby & MM II GF – South Mess	nandi
17	Dr. Desu Raghu Ram Karthik	Diamond, Jade & F- Mess	desu
18	Dr. Ankur Singh Rana	Amethyst	ankur

Hostel Assistant Managers (April 2023-March 24):

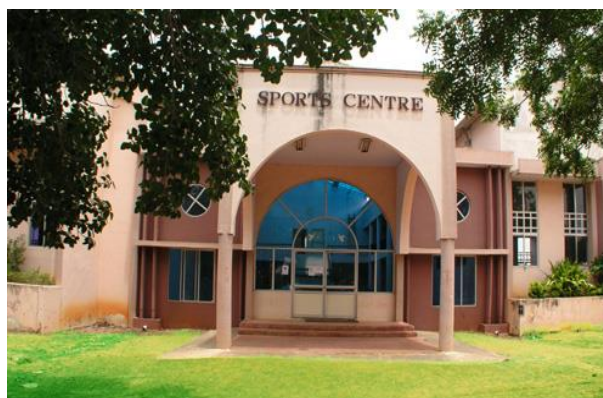
S. No.	Name of the HAM	Hostels & Mess	Email Id (@nitt.edu)
1	Mr. A. Sanjai	Garnet – A, B & Kailash Mess	garnea
2	Mr. M. Sanjai Kumar	Garnet C & Agate & A Mess	agate
3	Mr. M. Dhavamani	Diamond & Jade & F Mess	mdhavmani
4	Mr. E. Francis Immanuel	Coral, Jasper & MM I GF	jasper
5	Mr. S. Prakash	Zircon – A, B & MM I FF	sprakash
6	Mr. S. Sathiyaseelan	Aquamarine A, B & Sabari Mess	sathyaseelan
7	Mr. K. Karthick	Amber – A, B, Ruby & MM II GF	kkarthick
8	Mr. S. Bosekumar	Lapis, Sapphire, Topaz, Pearl & Annapurna Mess	sbose
9	Mr. A. Arun Nova	Emerald, Zircon C & MM II FF	emerald
10	Mr. M. Kannan	Beryl & C Mess	beryl
11	Mr. S. Muthaian	Amethyst	muthaian
12	Ms. N Kamali	Opal – A & Girls First Year Mess	opala
13	Ms. P Sangeetha	Opal – B & Opal FF	opalb
14	Ms. P Nivedhitha	Opal – C & Girls First Year Mess	opalc
15	Ms. V Logeswari	Opal – D & Opal GF	opald
16	Ms. S Joy Angel	Opal – E & Opal GF	opale
17	Ms. R J Jerome	Opal – F & Opal FF	opalf

Hostel Office Staff (April 2023-March 24):

S. No.	Designation	Name of the Hostel Staff	Hostels	Email Id (@nitt.edu)
1	Accountant	Ms. T. Vijayalakshmi	Hostel office	vijaya
2	Accountant	Mrs. R. Manjula	Hostel office	manjula
3	Accountant	Mr. K. Kalaigovan	Hostel office	kalaigovan
4	Office Assistant	Ms. J. Umamaheswari	Hostel office	juma
5	DEO	Ms. S. Deepa	Hostel office	deepa
6	DEO	Mrs. Girija	Hostel office	girija
7	DEO	Mrs. Manimegalai	Hostel office	megalai
8	DEO	Mr. N. Sathish Kumar	Hostel office	nsathish
9	Re deployed employee	Mr. G. Sekar	Hostel office	-
10	NMR	Mr. Arumugam K	Hostel office	-

8.9. SPORTS CENTRE

The sports centre is a state-of-art coliseum comprising of a modern Gym, indoor badminton courts, and space for carom boards. The 400m Athletic track along with the hockey and football field is well maintained with separate areas for training. The three cricket pitches in the campus are all equipped for both practice sessions and



full-fledged matches. Basketball and tennis courts were built keeping world-class standards in mind. The Student Activity Centre (SAC) is equipped with Table Tennis tables and well-furnished play area for chess. The hostels too are built with recreation halls and sports equipment to promote physical fitness.

NIT-Trichy had an estimable performance in the year 2023-24 securing lot of medals and titles across various sports tournaments all over the country. Along with Inter-NIT, our institute has also participated in various open tournaments such as NIFTEM Thanjavur, Colosseum-Sastra, Sangram-IIT Roorkee and All India University (AIU) Tournament. In view of enhancing better sports opportunities, we have also had infrastructural development of our sports facilities in badminton and football.

Our institute has also taken initiative in promoting importance sports and physical education among youth by inauguration of various sports facilities in the REC middle school.

The sports council of the institute has been successful in organizing Sportsfete 23-24 encouraging the sports enthusiasts of the institute. We have also successfully organized Run for Unity in the month of October to emphasize the efforts of our freedom fighters. NIT Tiruchirappalli hosted the All India Inter NIT faculty and Staff cricket tournament from December 14th to December 17th, 2023, with 16 teams participating from among the 31 NITs. Mr. P Radha Krishnan Nair, Dronacharya Awardee the Chief Coach of the Indian National Athletics Team and Director of International Coaches Development, inaugurated the All India Inter NIT Hockey and Cricket Tournament 2024 at NIT Tiruchirappalli from January 5th to January 8th, 2024 featuring participation from 27 NITs across the country.

Overall, this year has been remarkable from the Sports department of NIT- Trichy in both achievements and development.

International Standard Badminton courts:

In the year of Diamond Jubilee, on September 21, 2023, NIT Trichy inaugurated six brand-new badminton courts built to international standards. The courts were inaugurated by Padma Shri Mr. Charles Borromeo, Arjuna Awardee in Athletics (known for holding a Asian record in the 1982 Asian Games). Dr. G. Aghila, the Institute's Director, graced the occasion with her presence. The installation of these courts is expected to draw



more students towards sports and facilitate the organization of national-level tournaments. Additionally, the ceremony was attended by Dr. R. Karvembu, the Dean of Students Welfare, Dr. N. Kumaresan, the Dean of Faculty Welfare, and Dr. Bhaskar, the Dean of Planning and Development.

8.10. SOPHISTICATED INSTRUMENTATION FACILITY (SIF)

The Sophisticated Instrumentation Facility (SIF) at NIT Tiruchirappalli encompasses cutting-edge resources that play a pivotal role in advancing research and development across various fields of science and technology. This facility typically comprises state-of-the-art equipment and serves as a hub for innovation and novel research.

SIF has been operating with dedicated office space and exclusive technical staff since 2021. It has been working towards implementing a single-window system for booking the facility through the ISTEM portal. Workshops and hands-on training utilizing high-end equipment are regularly organized by SIF to develop skilled manpower and foster a scientific temper.

Moreover, SIF has been regularly conducting testing and characterization, generating 7 Lakhs of revenue for the FY 2022-23 and a total of Rs. 11 Lakhs to date. Additionally, SIF has been providing

support for Institute-level projects such as DST SATHI, DST SUPREME, and supplying data to departments for DST FIST.

1. Skill Development Programme:

SIF conducted the four workshops/training programmes during the FY 2022-23.

- DST STUTI High end workshop with NIT Warangal
- Perkin Elmer Academia Research Forum 2023
- SAMAVESHA Episode-3 One day program on National Science Day jointly with I-STE, Bangalore
- SERB Karyashala funded 7 day high end workshop in March 2024



Samavesha Event (National Science Day)



Karyashala Workshop (March 18-24, 2024)

2. Consultancy/Testing services executed:

Content	From April 2023 to March 2024
Total number of Test	1341
Testing Charges Internal (Rs.)	1,89,273.34
Testing Charges External (Incl.of.GST) (Rs.)	5,06,568.07
Total testing Charges (Rs.)	6,95,841.41
GST (Rs.)	77,272.95
Expenditure (Rs.)	35,292.50
Available amount (Rs.)	5,83,275.96

Following equipment have been utilized in the testing & consultancy activities of SIF during FY 2023-24:

Sl. No	Item	Number	Equipment Cost (Lakhs)	No. of Test	Revenue generated
1	Differential Scanning Calorimetry	01	20.54	176	1,01,516.16
2	Thermogravimetric Analyzer	01	30.46	331	2,81,727.72
3	Trident C-Therm Thermal Conductivity Analyzer	01	39.25	51	64,369.71

4	UV-Visible Spectrometer	01	10.00	113	13,730.03
5	FTIR Spectrometer	01	11.55	204	38,303.75
6	Force Tensiometer	01	25.96	33	13,928.50
7	Rheometer	01	12.98	98	61,085.01
8	KD2 Pro Liquid Thermal Conductivity	01	5.03	40	12,818.00
9	Laser Flash Apparatus	01	32.16	10	13,600.00
10	Contact angle Meter	01	12.95	240	51,088.53
11	LCR	01	-	17	3,400.00
12	Thermal Chamber	01	18.34	1	5,700.00
13	CECASE	-	-	27	20,178.00
14	Consumable charges during workshop			-	14,396.00
Total			219.22 Lakhs	1341	6,95,841.41

3. Other contributions:

- Support during different phases of DST SATHI proposal
- Submission of DST SUPREME proposal
- Health Check up by Perkin Elmer team of 20 equipment for free of cost
- Revival of DSC equipment and FTIR in Dept. of Chemical Engineering
- CECASE equipments consultancy started through SIF
- Centre visit has been facilitated for college students visiting the Institute from outside and officials visit to the Institute
- Hands on training & Demonstration provided during workshops organized by Dept. of Chemical Engineering and Dept. of Mechanical Engineering (SPARC workshop)



9 CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT AND INCUBATION

(Established as Section 8 Company under Companies Act, 2013)

Ideas and innovations are no longer geographically or politically confined. An invention made today somewhere takes no time to find its market thousands of miles away. The expansion of information and communication technology and the convergence of technological tools are structuring new world knowledge, where problems of one part of the world can be solved by multiple experts based at different points of the globe.

1. **CEDI Incubation Program Promoting Entrepreneurship/Startup at PSG Institute of technology and Applied Research, Coimbatore on April 11th 2023. Total No. of Participants: 103**



2. **CEDI Incubation Program Promoting Entrepreneurship/Startup at Sri Ramakrishna Engineering College, Coimbatore on 12th April 2023. Total No. of Participants: 115**



3. **Collaboration MoU with TIDITSSIA: CEDI -NITT and Tiruchirappalli District Tiny and Small-Scale Industries Association (TIDITSSIA) has signed on MoU for Building MSME's and startup ecosystem on 23rd May 2023.**



4. Collaboration MoU with TREAT:

CEDI -NITT and Tiruchirappalli Engineering and Technology Cluster (TREAT) has signed on MoU for Building MSME's and Startup eco system on 23rd May 2023.

CEDI NIT-T signs MoU with TREAT

June 03, 2023 12:23 am | Updated 12:23 am IST - TIRUCHI

THE HINDU BUREAU

Centre for Entrepreneurship Development and Incubation (CEDI) of National Institute of Technology – Tiruchi (NIT-T) recently signed a memorandum of understanding (MoU) with the not-for-profit organisation Tiruchirappalli Engineering and Technology Cluster (TREAT) to boost innovation and collaboration among start-ups and Micro, Small, and Medium Enterprises (MSMEs) in the region.

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

According to an official statement, the MoU was signed by M. Umamathy, director of 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.



5. Co Incubation partnership MoU with STPI, Chennai:

CEDI -NITT and Software Technology Parks of India (STPI) has signed on MoU for building a startup eco system on 05th June 2023 at New Delhi



6. Call for Summer Student Internship:

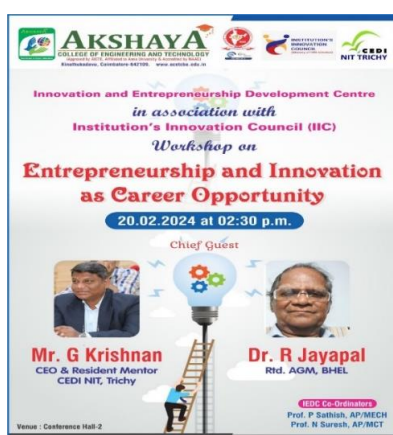
CEDI call for summer student internship advertisement as posted on NITT official website and received 25 applications from students through mail and CEDI conducting telecall interview on 08th & 09th June 2023 and two students was selected for CEDI summer student internship.

7. Incubatee Quarterly Review Meeting on 19 June 2023

Sl.No	Name of Incubatee Company
1.	B3D Toys India Pvt.Ltd (Faculty Startup)
2.	Prognostik Healthcare Instruments Pvt. Ltd (Faculty Startup)
3.	Inventglo Technology Solutions Pvt.Ltd (Faculty Startup)
4.	Susprod Renewable Products Pvt.Ltd (Faculty Startup)
5.	SciX (Student/Scholar)
6.	Trawello Healthcare Services Pvt.Ltd
7.	Taizo Technologies Pvt.Ltd
8.	Ettenly Petrochemicals Pvt.Ltd
9.	Dreem Home
10.	V2RT Insuretech Solutions (OPC) Pvt.Ltd
11.	Elixir SensAI
12.	Social Welfare Integral Trust (SWIT)
13.	Pulsative Lifeworks Pvt.Ltd
14.	Trichy Aerospace Pvt.Ltd

10. Investor Connect Pitch Event

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

**11. CEDI Organised a Two Day National Workshop on “Adoption of E-commerce for MSMEs” on 14th &15 NOV 2024. 107 MSMEs benefited****12. CEDI Organized a programme for Women Entrepreneurs stating their challenges and achievements towards the growth of their business which was held on 17th Feb 2024 in ALLINDIA RADIO STATION, Trichy.****13. CEDI Incubation Outreach Programme in Akshaya College of Engineering and Technology, Coimbatore held on Feb 20th 2024, topic : Entrepreneurship and Innovation as Career Opportunity. Total No of Participants: 100 + Students and Faculty Members.**

- 14. CEDI Signed an MOU with IMAYAM College of Engineering Arts and Science for Carrier Opportunity in Entrepreneurship. MOU was made on Feb 22nd 2024. Program Name: An Investigation on Innovation and Incubation : for Young aspiring Entrepreneurs. Total No. of Participants : 100 + Students**



- 15. PRAGYAN Techno Fest Event Conducted by NIT Trichy, Our Incubatee Companies and MSME'S were Participated held on 23rd & 24th Feb 2024.**

Program Name: PRAGYAN annual techno – management festival of NIT.

CEDI Incubatee Companies Participants

1. Fureboat Pvt Ltd
2. B3D Toys Pvt Ltd
3. Healthy Kid

MSME Participants Women Entrepreneurs

1. Live Hills Organic Mart
2. SM Home Grown (Theenasari Keera)
3. Shriya Home made Soaps



- 16. SAMAVESHA'24 Event on National Science Day was Conducted by NIT Trichy held on 28th Feb 2024, CEDI Co-Sponsored event**

Programme Name: Samavesha'24 This event was launched by NIT and I-STEM Bangalore, was as initiative to promote indigenous technologies to celebrate National Science Day. Total No of Participants: 100 + Faculty members





Dr.Manju Bhargavi , Women Scientist NITT, Elixir SensAi, Product Showcase

17. CEDI Participated in Madurai Startup Conclave Madurai, Hotel Heritage was held on 28th Feb.2024

Program Name: CII Madurai Startup Conclave Product showcase and Industry Connect.

This programme objective is to highlight and deliberate the key areas of collaboration for corporate – startups in unlocking innovations and avenues for corporate. Aimed at Industry Connect and Product Showcase



18. CEDI participated in the event the Programme aimed at new initiative launches, panel discussions, and engaging CSR workshop.



19. Total No of Industries Participated 150+ 23. TamilNadu Startups Incubator Summit in Chennai, Hilton held on 29th Feb 2024. Total No of Participants 150+ Incubators

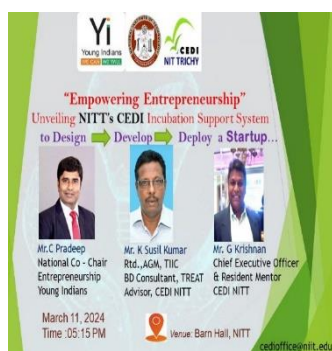


20. CEDI conducted Entrepreneurship and Incubation awareness program in NIT Trichy, held on March 11th 2024.

Created Awareness about CEDI Incubation Support System in NIT Campus during their Campus visit to NITT for Excel College of Engineering Students.



21. CEDI Organised a event for NIT Students in creating awareness Program in the Topic “Empowering Entrepreneurship” Unveiling NITT’S CEDI Incubation Support System in NIT Trichy, on March 11th 2024



22. CEDI Organized a training for the women entrepreneurs for the Tribal welfare Project at Pacchamalai, Thuraiyur on Vermicompost Hands on-Training and Capacity Building Program of SHG members 25 Tribal women : 21st March 2024.



10 STUDENT ACTIVITIES

10.1 FESTEMBER 2023

The 49rd edition of Festember, themed 'Kyoto Chronicles,' marked a jubilant celebration of Japanese culture. The festival exuberantly showcased a harmonious blend of all things Japanese, spanning from the captivating landscapes and majestic gates to its soul-stirring music and rich artistic heritage. This year's Festember witnessed a staggering surge in participation, drawing thousands of enthusiasts to partake in its myriad events and proshows.

The Carpe Diem segment of this year's festival remained as spectacular as its predecessors, boasting a stellar lineup of accomplished artists, musicians, and thought leaders. Some notable highlights included guest lectures by singer Madhushree, the sensational Hip-Hop Adhi, and the renowned 'Art Attack' presenter, Gaurav Juyal.

Festember 23 also played host to the crew of 'Jigarthanda 2,' who engaged the audience with an enthralling movie promotion event. The number of performances shows nearly doubled, with each night graced by mesmerizing performances from renowned artists such as Thaikkudam Bridge, Neeti Mohan, and DJ Julia Bliss. An indie stage was set up to provide a platform for budding, aspiring artists to showcase their talents. Furthermore, Festember joined hands with SPIC MACAY to present two captivating cultural performances rooted in traditional Indian arts.

Taking a proactive stance on societal issues, Festember 23 collaborated with the Central Bureau of Communication to conduct an anti-drug and anti-alcohol awareness campaign, exemplifying the festival's commitment to promoting responsible living.

True to its tradition, Festember 23 offered a diverse array of events for students, including over 60 events, 12 workshops, and engaging informal activities. Additionally, there were crowd engagement events that allowed attendees to participate wholeheartedly in the festival's vibrant atmosphere.

In a remarkable show of corporate collaboration, Festember 23 partnered with industry giants such as Coca-Cola, TVS, AGS, and the Bank of Baroda. In a bid to authentically celebrate Japanese culture, an exquisite Japanese exhibition was curated, where students had the opportunity to partake in traditional Japanese games and explore artistic endeavors like block painting and calligraphy. The valediction ceremony was graced by the esteemed presence of Mr. Taga Masayuki, the Honorable Consul General of Japan, who added a touch of distinction to the event.

In summation, Festember 23 was an extraordinary visual and cultural feast, providing a profoundly enriching experience for all participants. The festival served as a gateway for students to immerse themselves in the multifaceted tapestry of Japanese culture, offering a unique opportunity for cultural exploration and exchange.

10.2 PRAGYAN 2023

Pragyan, the esteemed international techno-managerial organization of NIT Trichy, established in 2005 is one of the largest international techno-managerial extravaganzas in the country. This year, Pragyan took place from 22nd February to 25th February 2024.

With the theme "Chronocle: The Saga of time," Pragyan '24 transported attendees to a world that went beyond the present, narrating dreams of the past and ambitious visions of the future. The festival offered a diverse array of competitions, exhibitions, and workshops designed to showcase the latest trends in technology.

In preparation for Pragyan'24, a series of social initiatives were undertaken.

- "Bag of Delight" project, focused on enhancing the educational environment for children in government schools.
- Cyclothon, a cycle rally aimed at raising awareness for cancer saw 500 participants.
- "Seedsplash" wished to increase green cover by scattering seeds in barren land in the Trichy-Tanjore-highway.

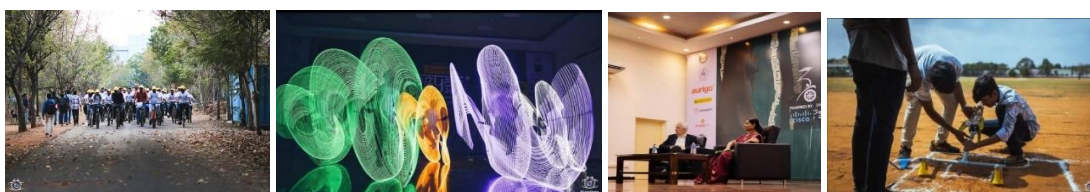
Mr. Laxmesh BH, Vice President and Head of Missiles & Aerospace Business, L&T Defence, Larsen & Toubro, was the Inaugural chief guest. Dr N. Kalai Selvi, Director General, CSIR & Secretary DSIR graced the valediction ceremony with her presence. Pragyan NIT Trichy also hosted Dr. P Veeramuthuvel, the mastermind behind India's lunar mission. The NITT alumnus, delivered an enlightening talk, unravelling the technicalities of ISRO's incredible lunar mission.

This edition of Pragyan also showcased a distinguished lineup of guest lectures by experts, notably Nobel laureate Dr. Richard Robert, Shreya Dasgupta, Arsh Ali, Sessa Kanthamraju, Anuj Dhar, Chandrachur Ghose and Savio Mascarenhas. Workshops were led by leading companies such as Texas Instruments, Intuit, HT India Labs, Latent View, Analog Devices, Upstox, KPMG, Cybage, Autodesk, MongoDB, Grant Thornton, and Cisco. Pragyan'24 hosted

34 events spread across 7 clusters (Bytehoc, Manigma, Innovix, Robospire, Pixalette, Pandora's Box and Phronesis). Along with this, Pragyan also conducted Hackathon in three different domains. Attendees also witnessed cutting-edge robotics technology including the Bionic Quadrupled Robot, the Multi Humanoid Robot Show, Zafira Robot, Gesture Controlled Drone, AI enabled Drone, Rhumi hybrid rockets, ISRO Space Bus and satellites by Space Zone Chennai. Pragyan organized Sangam and Ingenium, events aimed at fostering out-of-the-box thinking and to showcase their creativity through inventions and ideas under various verticals like Healthcare, Defence and Environment. The Student Center for Innovation in Engineering and Technology, known as SCIEnT, collaborated with Pragyan this year to host a two-day event

titled OpenHouse. The event aimed to showcase a multitude of projects made by the student community.

Each year, Pragyan's infotainment shows exceed audience expectations. This year's lineup included acts such as Kaashi Fire Crew's Fire Act, Skippers Crew act and the Light Crew's LED Flow Act. Pragyan'24 also featured incredible shows by Aerial Acts India, and performances from Naresh Iyer and Non-Violinist Project on the final day. Pragyan provided a platform for many bright students to show their skills, encouraging innovation and idea-sharing among students and industry leaders alike.



10.3 NITTFEST 2024

NITTFEST' 24, the 31st edition of the renowned annual inter departmental cultural festival, held at the National Institute of Technology, Tiruchirappalli (NITT), unfolded with the theme, "Cine-Cinnati: The Spectacle of Stardom" and held between 14/03/2024 & 17/03/2024. The pre-events started from Nov 18th, comprising of a series of fun events named "Murder Mystery" which ended the day with the most anticipated "Halloween Party". Also, the pre-fest events of Nittfest' 24 provided a glimpse of the grandeur that awaited attendees during the main festival. The presence of Kalidas Jayaram and Sanjana Natrajan, a cinematic luminary, in the pre-fest lineup heightened expectations, and their discourse on cinema and societal good left an indelible impression on all those who attended. Midnight Madness, on the other hand, ensured that the festival commenced on a high note, embracing the spirit of unbridled enthusiasm that Nittfest is known for.

The fest officially commenced with a spectacular inaugural ceremony on Day 0. The inauguration was followed by an eclectic mix of events including Manoranjan, where participants captured the audience with their unique talents. It was a vibrant kick-off to the festival, promising an electrifying four days ahead.

Day 1 of Nittfest' 24 transformed into a dynamic showcase of diverse events delivering its unique brand of entertainment. Movie Spoof and Jord Indian, invoked laughter and excitement and captivated the audience with creative expressions. In Professor's Got Talent, the academic staff flaunted hidden talents. Informal Stage entertained the students, with its Nuked Natak, Food eating Challenge and Roastathon and Logos, with its Culinary Quest, General Quiz, Solli Addi, Fill the Poem, What's the Good Word, Caricature, Scrabble, JAM and Meme making.

With new events every year, this Nittfest also held the department “Parade”, with every department showcasing their unique talents in arts and cultures.

Day 2 of NITTFEST’24 kicked off with Channel Surfing and a Star Guest Lecture by GV Prakash. The day was packed with a range of events, from traditional classical vocals to modern Eastern vocals, along with engaging competitions. Literature events showcased talent across languages. The Informal Stage was packed with gaming cluster where students engaged themselves in playing FIFA and Valorant. The Dance Duet and Freestyle Battle in informal stage is worth the mention. The day also witnessed Battle of Bands. The day ended with X-nite, turning the atmosphere electric with musical showdowns.

The last day of NITTFEST’24 was filled with excitement. Entertainment was delivered in classic style starting the day with Quawali, Eastern and Western Instrumentals followed by a standup comedy show by Swathi Sachdev. This musical start to the day was then carried forward by the rap-infused upbeat Beat Street Showdown event. Students showcase their spontaneity with Mr. and Mrs. NITTFEST along with their impeccable fashion style. The day also hosted multiple Literature events. Choreonite had every department grooving to the steps of music across domains and languages. The formal valediction ceremony was held and a vote of thanks was extended to all the faculty and sponsors. The last event of the day was the much-awaited pro show by Music Sensation Shakthisree Gopalan. Her melodious tunes and rock star type attitude touched our heartbeats and made for an evening etched in minds forever.



10.4 CLUBS AND SOCIETIES

S. No.	CLUB	Club purpose
1.	AAYAAM	Hindi Literature Club
2.	AKSHARA	Telugu Literature Club
3.	AMRUTHAVARSHINI	Classical music club
4.	APEKSHAA	Non-profit organization to perform social work
5.	ATHENÆUM	Model United Nation
6.	BALLS BY PICASSO	English Literary Club
7.	BUILDERS’ HIVE	Providing Construction Solutions
8.	DANCE TROUPE	Dance Team of NIT Tiruchirappalli

9.	DATA BYTE	Data Science and Business Analytics club
10.	DELTA FORCE	Central Technical Team
11.	DESIGNERS' CONSORTIUM	Product Designing Club
12.	E-CELL	Entrepreneurship and Innovation Club
13.	FEEDS	Media House of NIT Trichy
14.	FILM SOCIETY	Film making Club
15.	FINE ARTS SOCIETY	Arts and Ambience Club
16.	IGNITTE	Teaching Group for under privileged
17.	LEAP	Environmental Awareness and Protection Club
18.	LAKSHYA	Civil Services and Defence Club
19.	MAXIMUS	Mathematics interest and teaching group
20.	MUSIC TROUPE	Music Team of NIT Tiruchirappalli
21.	NAKSHATRA CLUB	Astronomy and Space Science club
22.	OMEGA SCIENCE AND SPIRITUALITY CLUB	Science and Spirituality
23.	PIXELBUG	Photography Club
24.	PSI RACING	Motorsports Team of NIT Tiruchirappalli
25.	PUPIL FOR PUPIL COMMITTEE (PPC)	Post Graduate Social Service Club
26.	ROBOTICS AND MACHINE INTELLIGENCE CLUB (RMI)	Robotics enthusiasts; research in allied fields
27.	ROTARACT CLUB	College Chapter of Rotary International
28.	RSFNITT	Research Scholars' Forum
29.	SPIC MACAY	College Chapter of SPIC MACAY
30.	SPIDER	R&D Club of NIT Tiruchirappalli
31.	SURGE	Sociology and Civics Club
32.	TAMIL MANDRAM	Tamil Literature Society
33.	TEDxNITTrichy	College Chapter of TEDx
34.	THE THESPIANS' SOCIETY	English Dramatics Club
35.	THE THIRD DIMENSION	Aeromodelling Club
36.	TOASTMASTERS NITT	College Chapter of Toastmaster International

10.5 STUDENT CLUBS ACHIEVEMENTS

TECHNICAL CLUBS

180 DC

Initiatives	Developed branding strategy for Raptee Energy in electric motorcycle market.
	Conducted market segmentation for Galaxeye in aquaculture.
	Analyzed needs of adolescents in Saudi Arabia for Perfios.
	Collaborated with Gates Foundation to foster agricultural transformation in Bihar.
	Hosted ConsultXpo, a flagship event with real-world consulting challenges.
	Participated in prestigious competitions like HSBC India Business Case Program.

ProfNITT

Event	Events Description
World Quant Brain Alphathon	Workshops on quantitative finance led by industry experts.
INVESTAS'23	A flagship event with guest lectures on quantitative finance and High frequency trading.
Decision Quest	A financial decision competition for first-year students.
FundX	Strategic swing trades in Mid/Small Cap stocks, prioritizing risk management.
Projects	Option Pricing Model and FundX

E-CELL

Events	E-Summit	<ul style="list-style-type: none"> It stands as the flagship event of the E-Cell, attracting aspiring entrepreneurs, investors, founders, and start-up enthusiasts from across the nation. This annual event serves as a platform for knowledge exchange, networking, and inspiration, furthering the entrepreneurial ecosystem within the institute.
	World Space Week (WSW)	<ul style="list-style-type: none"> A pre-incubation program, was organized to provide students of NIT Trichy with mentorship and support over a period of 6-8 weeks. The program aimed to assist students in developing solid business models and minimally viable prototypes, thereby offering them a firsthand experience in the startup landscape.
Initiatives	Startup Internship Portal (SIP)	<ul style="list-style-type: none"> A pioneering project of the E-Cell, the Startup Internship Portal (SIP), is in its final stages of development. This portal will facilitate NIT Trichy students in applying for internships at various startups, enabling them to gain practical exposure in their preferred domains.
Start-ups in the club	The E-Cell takes pride in nurturing budding startups within its community. As of the end of the reporting period, the E-Cell boasts a total of six startups, each at different stages of development:	
	Launch and Reven Stage	Two startups have successfully launched their products/service and are generating revenue.
	Prototype and Prelaunch Stage	Two startups are in the process of finalizing their prototypes and preparing for launch.
	Ideation Stage	The remaining two startups are in the early stages of ideation, laying the groundwork for their future ventures.

SIGMA

Projects	Microbusiness Density Forecasting	Utilized GoDaddy and US Census data to forecast microbusiness densities for US counties, analyzing trends and patterns. Developed a predictive model using Python, Numpy, Pandas, and Matplotlib.
	Flight Price Prediction	Scraped data from Yatra.com for 52,179 entries to analyze flight prices and emissions data, creating a predictive model with Random Forest algorithm using Python and Selenium.
	Nifty 50 Analysis:	Conducted exploratory data analysis on Nifty 50 data sourced from yfinance, employing technical indicators and time series forecasting techniques with stacked LSTM and GRU models in Python.
	Layoff Project	Conducted in-depth Exploratory Data Analysis (EDA) on layoffs, employing Pandas, Seaborn, Matplotlib, and Plotly for

		visualization and statistical analysis, identifying trends and insights globally.
	Content Recommendation System	Implemented a content-based recommendation system for Netflix movies using NLP techniques, cleaning and processing text data and calculating cosine similarity in Python.
	Inventory Management	Focused on demand forecasting for Walmart inventory dataset, utilizing Python libraries for EDA, selecting models like random forests and times series, and deploying a web app for user experience.
	Market Basket Analysis	Analyzed Instacart dataset to find customer purchase trends and frequent itemsets using Apriori algorithm, employing Python for data cleaning, EDA, and algorithm implementation.
	Twitter Sentiment and Cryptocurrency Price Dynamics	Investigating the relationship between Bitcoin price derivatives and Twitter sentiment using NLP techniques and time series analysis, aiming to gain insights into cryptocurrency market dynamics.
	Market 360: Real Estate	Conducted market research within the real estate industry, synthesizing insights from various sources, and compiling a report and Power BI dashboard.
	The Ev Project	Analyzed the EV industry to project its success timeline, evaluating battery swapping vs charging, battery recycling, and range anxiety, employing market entry frameworks and policy analysis.
	Commercialization of Space	Analyzed new frontiers in the aerospace industry through private-owned players, studying financials, identifying trends, and evaluating market opportunities and risks.
	2008 Financial Crisis series	Analyzed the meltdown of the Real estate housing bubble in 2008, its impacts, implications, affecting factors, and policy responses, aiming to explain economic terms and policies to a general audience.
	Economics of Inheritance	Analyzed the impact of inheritance on the global economy and wealth inequality, discussing types of inheritances, taxation rules, and potential contributions towards mitigating inequality.
	Luxury Brand Analysis	Deep dive into segments of the Indian clothing market, analyzing business models, pricing strategies, and customer retention techniques to simulate the launch of a luxury clothing store.
Achievements	<ul style="list-style-type: none"> • Won 3rd place in Data Decode, DMS IIT Delhi. • Selected top 10 in InfinitiQuest, IIM Udaipur. • Won 3rd place in AbInBev 100+ Challenge. • Secured 8th place in Strategist 2.0 by Hightech Solutions. 	

3D AEROMODELLING CLUB

Aerotrix Workshop	Successfully conducted from May 16th to May 20th, 2023, marking a significant milestone as the first event held after the pandemic, providing first-year students with insights into various aspects of Unmanned Aerial Vehicles (UAVs), Image Processing techniques, Fundamentals of Aerodynamics, and software tools such as XFLR5 and SOLIDWORKS, with dedicated fabrication sessions for the Pursuitron bot and the glider.
AeroInvent Intra-club Challenge	Conducted from August to November 2023, aimed at strengthening the foundational skills of incoming inductees through the design of an RC Aircraft from scratch, covering brainstorming, conceptual design, analysis, presentations, hands-on fabrication sessions, and piloting tests.
Conscientia - IISc Model Rocketry Workshop	Participation in a Rocketry workshop at Conscientia 2023, where the team learned the basics of model rockets and miniature astronautics, building a model rocket using provided materials to enhance knowledge and develop the rocketry domain.

SAE Aerothon:	Actively participated in the Aerothon 2023 drone development competition, securing 2nd position nationwide in the Design phase and 8th position in the Flight test phase, demonstrating exceptional drone manufacturing skills and utilizing college facilities for fabrication and testing.
Smart India Hackathon	Participation under the Hardware category in SIH 2023, focusing on medical emergencies, search and rescue operation, and transportation and surveillance, presenting innovative projects and qualifying for nationwide competition, contributing to professional and technical growth.
eYantra Robotics Competition	Active participation in the annual eYantra Robotics Competition hosted by IIT Bombay, deploying highly skilled teams to tackle challenging themes, demonstrating problem-solving ability and technical prowess in the Semi-final round.
Workshop in collaboration with the Mechanical Engineering Association	Conducted a workshop session exclusively for first-year Mechanical engineering students to introduce them to aerial robotics and UAV systems, fostering a healthy learning environment and igniting curiosity among freshers.
Egg Drop Challenge – InHotts	Organized an intellectually stimulating online event as part of InHotts 2023, providing first-year students with the task of conceptualizing and demonstrating a payload bay to protect an egg from breaking upon impact, promoting practical application of theoretical knowledge.
ICAMAE Conference	Presented a research paper titled "Autonomous Multi-Rotor UAVs: A Holistic Approach to Design, Optimization, and Fabrication" virtually at ICAMAE 2023, showcasing a structured methodology for designing and fabricating Multi-Rotor UAVs, contributing to the knowledge base.
Boeing Aeromodelling Competition- IITM Shaastra 2024	Participated in the South Zone competition held at IIT-Madras, securing cash rewards and recognition for designing fixed-wing UAVs meeting given constraints, showcasing technical skills and innovation.
Sangam Hardware Hackathon	Worked on projects under various themes, showcasing innovative designs and winning accolades, enhancing knowledge and technical expertise in diverse areas of aerospace engineering.
SCIEnT Annual Day	Presented projects including fixed-wing electric propelled UAV, multi-rotor Micro class UAV, and VTOL UAV, showcasing technical capabilities and winning recognition and cash awards for outstanding achievements.



BUILDERS' HIVE

Events	Guest lecture on 'materials and structures'	A Guest Lecture on 'Materials and Structures' was organized by Builders' Hive in collaboration with the Association of Students of Architecture (ASA) at NIT Trichy, featuring Dr. Prabha Mohandoss, Assistant Professor from the Department of Civil Engineering, NIT Trichy, on 24th April 2024.
	AutoCAD and SketchUp workshop	It was conducted on 29th March 2024 in collaboration with the Civil Engineering Association (CEA) at NIT Trichy during Moments' 24, with over 50 students from various colleges across the country in attendance, providing participants with a comprehensive understanding of AutoCAD and SketchUp software for creating basic building plans.
	Interview series	An "Interview series" was launched by the club, featuring talks with industrial personalities and renowned academicians, providing a unique opportunity for viewers to gain insights into the trends, practices, and technologies shaping the

		industry, with the first two interviews in the series featuring Dr. Mark Alexander and Dr. Nishant Garg released in August 2023.
Projects	Civil Park	The Civil Engineering Department of NIT Trichy is developing a technology park to showcase various civil engineering concepts - the work involved surveying the site, creating CAD models, and designing the site and structures using Revit software.
	Green Buildings	<p>This project investigates the importance of retrofitting older buildings to extend their lifespan and reduce energy consumption.</p> <p>It focuses on buildings over 30 years old at NIT Trichy campus, using Ansys simulations combined with Building Energy Management Systems (BEMS) and Artificial Intelligence (AI), particularly Artificial Neural Networks (ANN).</p> <ul style="list-style-type: none"> • AI is utilized to predict occupancy, analyze life cycle costs, select materials, and optimize lighting systems. • The study results indicate that these retrofitting measures can decrease energy use by 25% and carbon emissions by 20%, with an investment payback period of about five years. • The study advocates for the broader adoption of sustainable retrofitting and advanced BEMS to transform ageing buildings into energy-efficient structures.
Achievements	Awarded the prestigious ACI Outstanding Award by the American Concrete Institute (ACI) in 2021 and 2022 for commitment to innovation, quality, and professionalism in the construction industry, attributed to the team of highly skilled civil engineering students dedicated to delivering exceptional results for projects.	

DELTA FORCE

Events	Delta Winter of Code	<ul style="list-style-type: none"> • Delta Winter of Code (DWoC) is an open-source initiative by Delta Force, the official coding club of NIT Trichy. • During the 12-week program, developers will be exposed to various real-world problems and effective means to solve them.
	AR Hunt	<ul style="list-style-type: none"> • It is an Augmented Reality-based treasure hunt organized by our team in collaboration with the Orientation Team. • Its purpose is to familiarize incoming freshers with the diverse landscapes and architectural features within the campus.
	CodeGolf	<ul style="list-style-type: none"> • It is an engaging online coding competition wherein participants are not solely tasked with solving intricate problems but are further challenged to achieve optimal solutions through the utilization of the least number of characters in their code implementation.
	HackerTalks	<ul style="list-style-type: none"> • Lightning talks entails a series of succinct presentations delivered by students to their peers, covering diverse topics within the expansive realm of computer science

Projects	TimeWarp	<ul style="list-style-type: none"> A single-player game wherein you solve puzzles after finding clues by interacting with the map and using your code editor to code your way to the next level. The game's objective is to solve as many puzzles as possible before the event runs out.
	Bills Portal	<ul style="list-style-type: none"> A comprehensive online portal has been developed to serve as a dedicated platform for the Student Welfare Dean, facilitating the systematic tracking and management of financial expenditures incurred by various student clubs and fest organizers within the institution.
	Fest Projects	<ul style="list-style-type: none"> Festember Sites Pragyan Sites Dpay (For all Festember, Pragyan, and NITTFEST) NITTFEST Sites Aaveg Sites
Competitions Participated	<ul style="list-style-type: none"> Smart India Hackathon (3x Qualifiers, 1x Finalist) Encryptcon (2x Qualifiers, 1x Finalists) Pragyan Hackathon (1x Winner) TransfiNITTe (2x 3rd Prize, 2x Winners) Flipkart GRID (1x Finalist) Amazon Hackathon (1x Finalist) Web Mosaic 	

DESIGNERS' CONSORTIUM

Projects and competitions	Research Activities:	Projects: Coral reef restoration bot, Wheelchair transfer tool, Underground cable laying system.
	Shaastra'24 - IIT Madras:	Accolades: 1st and 3rd place (Caterpillar Industry Defined Problem Statement) , 2nd place (Eco-create) Projects: LeProC (Innovative Clamp for radiator-to-engine pipes), Quadmos (Bio-inspired Atmospheric Water Harvester), Ioniflow (Novel EV Battery thermal management solution), Neogenesis (Bio-inspired CO2 absorber and recycler)
	Sangam - Pragyan'24, NIT Trichy:	Accolades: 1st and 2nd place (Defense Category), 2nd place (Environment Category) Projects: Versastride (Portable military ladder cum bridge), Deterr-mine (Novel Mine-Detection Shoe), REC-Tube (Rubber recycling machine)
	Other competitions	Scient Open House (1st place) Transfinnite (Team Marshalls (Electrical: Boeing) - 1st place, Team CroCADiles (Mechanical: Boeing) - 1st place). Participated in Micro-mouse competition Shaastra'24 Submerge and Quadcopter as a part of Pragyan'24.
Workshops and Events	Discover DC	Annual session organized to brief first year students about DC and Tech Clubs
	Brainfreeze	Orientation program - 1st years (Intro to basics of electrical, mech & prototyping)
	CSWA and CSWP Workshop	Collab workshop with Solidworks for CSWA, CSWP certification
	De-Construct	Inhotts event organized by DC (Basics of reverse engineering and bio-mimicry)

	Synergy x DC workshop	Training for students from various colleges on Solidworks software
--	------------------------------	--

MAXIMUS: THE MATH SOCIETY

Events	Cognify Event	<ul style="list-style-type: none"> Weekly Aptitude exams conducted for 900+ students from NITT and non-NITT. Six exams conducted via Google Forms.
	Arithmetiz Event	<ul style="list-style-type: none"> Three competitive events for NITT students: Enigma Trifecta, Cerebral Math quest, and Escape Room. Two workshops: Solving ODE using MATLAB and Macroeconomics and Finance Math. Two seminars: Mathematics and Voting and Social Network Analysis.
Achievements	Secured 14th rank in IGMO 2022	

GRAPHIQUE

Month	Project	Project Description
Jun '23	Induction Bootcamp	2-month intensive training for the batch '26 before being inducted into the club
	Re-post Series	Re-posted artworks of our club members, reminiscing their journey of design
	Project Design Melody	Redesigning famous music album covers by our club members
Jul '23	Medium Blog Series	Published blog posts on our medium page to inspire the design community
	MISREG Case Study	Conducted an exhaustive UX/UI Case study on the online portal MISREG
Aug '23	Project Kaleidoscope	Introductory 2-week project, exploring various locations in various art styles
	Festember Design	Worked as the design team for Festember & catered to all their design needs
	SportsFete Design	Worked as the design team for SportsFete & catered to all their design needs
Sep '23	Festember Design	Worked as the design team for Festember & catered to all their design needs
	Chroma Workshop	3-hour workshop for freshers & taught how to convert paper art into digital art
Oct '23	Inktober 2023	Participated and successfully finished designing 31 prompts for Inktober 2023
	Graphic by Graphique	Intensive 3-day workshop for freshers & taught adobe photoshop illustrator
Nov '23	UI/UX Workshop	2-day UI/UX workshop for all, where we taught figma and basics of web design
Jan '24	Graphique Wrapped	Compilation of significant artworks, top softwares used & hottest trends of '23
	CONNECTT Case study	UX/UI Case study on a mobile app that connects students to college societies

Feb '24	Pragyan Design	Worked as the design team for Pragyan & catered to all their design needs
Mar '24	Admin Project	Catered to various projects like Institute Flip book, Report cover page, etc
	RECAL Projects	Catered to various projects like RECKindle, RECAL Scholarships design, etc
Apr '24	Character Design Workshop	Digital art workshop for all to teach how to design anime style character for all
	3D Modelling Workshop	3-hour 3D modeling workshop of an organic model with color and texturing
	Timeline Workshop	3-hour workshop focusing on Premier Pro & After Effects to create animations

NAKSHATRA

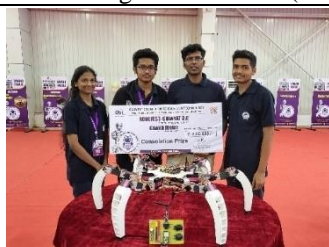
Events	Dock Lock	Organized in collaboration with Orientation'23, targeted towards 1st-year students, provided participants with a simulation experience of docking a space capsule, effectively fostering their interest in space exploration.
	World Space Week (WSW)	Celebrated World Space Week in collaboration with Pragyan from October 4th to 10th to foster the student community's interest in astronomy and science. As part of this year's WSW, the following were conducted. Events: <ul style="list-style-type: none"> Asteralyse: An event to improve analytical knowledge in the field of space technology. Starventure: An event to pitch start-up/business ideas in the field of astronomy. Guest lectures: <ul style="list-style-type: none"> Dr. Tirtha Pratim Das, Director of Space Programme @ISRO on Dark Matter Mr. Jijith Nadumuri Ravi, Founder of Dharma Digital & Ancient Voice on the Connection between Astronomy and Mythology.
	InHoTTs:	<ul style="list-style-type: none"> Space drive: Participants are required to develop a data analytical method for predicting the minimum orbit intersection distance between Earth and asteroids using the asteroid dataset. With the increasing concern about potential asteroid impacts on Earth, it is crucial to accurately assess the risk posed by Near-Earth Objects (NEOs) and identify asteroids with orbits that bring them close to Earth. Celestial Quest: It is an introductory workshop to work in the field of astronomy to draw conclusions using astronomical data sets by incorporating AI/ML techniques.
Projects	Sun Pathfinder	This project utilized the SolTrack open-source library to analyze the stability of day length for 20 cities in India over a century. SolTrack's precise calculations of the Sun's position, including rise and set times, as well as transit times and altitudes, provided accurate data for the study.
	GAN for astronomical images	Harnessed the power of Generative AI to delve into the depths of the cosmos and create captivating space imagery.
	Solar tracker	It is a device that adjusts the position of solar panels to optimize their orientation towards the Sun throughout the day, enhancing energy production. Through continuous tracking, these systems maximize sunlight exposure, improving efficiency of solar panels.
	MoU	MoU was signed on 24 th Feb 2024 with Space Zone India for academic and professional collaborations.

PSI RACING TEAM

Accomplishments	BAJA SAE INDIA
	<ul style="list-style-type: none"> Preliminary Round (Phase 1) : AIR-2 Overall Statics : AIR 5 Overall Virtual Dynamics : AIR 6 Overall Dynamics : AIR 18 Overall : AIR 19
Events Organised	Autorhapshody'23 brought over 150 NITT students together for an engaging introduction to automobiles. They explored basic theories, dived into DATA Acquisition, CAD-CAM MATLAB, and even took a hands-on tour of a PSI Racing Buggy. It was a workshop fuelled by curiosity and discovery.

The Robotics and Machine Intelligence Club

Projects	MedVisor	<ul style="list-style-type: none"> Augmented reality solution for healthcare applications It is a 3D-printed attachment that can be mounted onto any pair of glasses, bringing AR to the operating theatre. Secured the first Prize in Sangam '23
	Remotely Operated Underwater Vehicle (ROV)	<ul style="list-style-type: none"> An underwater robotics platform built from scratch using novel and ingenious construction methods. It can execute missions and underwater surveillance (corrosion detection, waste identification) at different levels of autonomy.
	Amphibian Bot	<ul style="list-style-type: none"> A multi-terrain robotics platform that can traverse on both land and water. It uses a four-wheeled thruster configuration and a robust design to achieve the objective.
	Hexapod	<ul style="list-style-type: none"> A biomimetic, versatile six-legged robot with eighteen actuators competent to maneuver dynamically using interchangeable gait algorithms for various motions depending upon terrain. Secured First Prize in Smart India Hackathon'23, First place in Sangam'23, and a Consolation prize Robofest'23.
	Rover	<ul style="list-style-type: none"> Mobile robot for space exploration, designed to tackle the challenges that robots face in space. Qualified for the second round of ISRO Robotics Challenge-URSC 2024 (IRoC-U2024).



EVER

Accomplishments	BAJA SAE INDIA
	<ul style="list-style-type: none"> Preliminary Round (Phase 1) : AIR-2 Overall Statics : AIR 5 Overall Virtual Dynamics : AIR 6 Overall Dynamics : AIR 18 Overall : AIR 19



Events Organised	Autorhapshody'23 brought over 150 NITT students together for an engaging introduction to automobiles. They explored basic theories, dived into DATA Acquisition, CAD-CAM MATLAB, and even took a hands-on tour of a PSI Racing Buggy. It was a workshop fuelled by curiosity and discovery.
-------------------------	---

SPIDER

Accomplishments	<ul style="list-style-type: none"> • Acceptance of Research Paper into Conference of Computer Vision and Pattern Recognition (CVPR 2024) workshops. CVPR is the world's highest ranked Computer Science Conference. • Global Rank of 101 in ICPC 2024 World Finals, rank 28 in Asia-West Finals, ranks of 23, 31 and 61 in ICPC Amritapuri, Chennai Regionals and AlgoQueen Contests. ICPC is the world's most prestigious Competitive Programming Contest • Winner of Smart India Hackathon 2023 for the problem statement "<i>Data Compression on Backbone network</i>" • Runner Up in RACCAM 1.0 - the inaugural edition of CyberSecurity Hackathon by Rajasthan Police under the "<i>Dark Web Monitoring</i>" track • AIR 4 in eYantra Robotics Competition (eYRC 23-24) conducted by IIT Bombay • Second Runner-up in Sangam 2024 Hardware Hackathon under the "Energy and Environment" track • Finalists of Kavach 2023, Cyber-THON 2023 and EncryptCon 2024 national hackathons • Ranks 13, 126 in ICPC 2023 Kanpur Regionals and rank 29 in ICPC 2023 Amritapuri Regionals • Global ranks 968 and 1161 in Round 2 of Meta's Hackercup 2023 	
Events and Initiatives	Lynx	An application to mitigate misinformation by forming the official channel of communication via student club to NITT students
	TriNIT Hackathon	A 36-hour nation-wide hackathon conducted in collaboration with student bodies of NIT-T (Spider R&D), NIT-K (ACM) and NIT-W (CSEA). The hackathon saw a whopping registration count of 4,200 individuals and 1,800+ teams
	TechnoGym and Pool Registration	Partnered with SportsCouncil NIT Trichy to facilitate fair online process for registration of TechnoGym and Swimming Pool prize in Robofest'23.
	Spider FOSS	The Spider Free and Open-Source Software was an initiative taken by the club to encourage open-source culture among students. Spider R&D open-sourced "Statik - A decentralized Version Control System". Additionally, community sessions were conducted to educate students about the technology used.
	Workshops and Community Sessions	Workshops were conducted during Pragyan InhoTTs, Pragyan Techids 2.0, International Women's Day and Spider Week encompassing a wide range of topics such as Deep Learning, Competitive Programming, Cybersecurity, Networking, Dark Web Research, Web3.0, Electronics and Robotics. Additionally, a live ICPC Awareness session was conducted on YouTube.

SCIEnT

Events Conducted	Genesis'23	A startup Ideation and pitching event in collaboration with the Institute Innovation Council.
-------------------------	-------------------	---

		
	TransfiNITTe	The in-house Hackathon in collaboration with the technical council SCIEnT sourced more than dozen real-life problem statements from Boeing
	Open day	SCIEnT facility awareness creation amongst PG and PhD scholars
	Open House Exhibitions	As part of Pragyan showcasing the various projects by Tech clubs
	SCIEnT Annual day	
Initiatives	Alumni Mentorship Program	
	Competition teams	Coordinating selection
Facility and Inventory	Inventory and Components Expansion	

SOCIAL CLUBS

PUPIL FOR PUPIL COMMITTEE

Initiative	Facilitated Bed Donation to old age home on 28 Jun 2023.
	Assembled lots of dustbins around the race track and helped to gather the plastic waste for the SportsFETE 23 Marathon at NIT Trichy
	Went to Thuvakudi Government School to celebrate the occasion of children's day and organized many activities and gave gifts to all the students.



10.6 NATIONAL CADET CORPS (NCC)

In the spirit of community engagement and social upliftment, A-Flight NCC dedicated the years 2023-2024 to a series of impactful social responsibility events. These initiatives not only underscore the organization's commitment to societal well-being but also showcase its proactive role in addressing pressing community needs.

List of Important Events in 2023-2024

EVENT	DATE
Independence Day (Poster and Drill)	15/08/2023
NCC Inductions	21/9/2023 - 06/10/2023
Inspection	26/10/2023
BCA awareness walk	31/10/2023
BCA panel discussion and Guest lectures	04/11/2023
BCA Thermogram test	04/11/23 - 05/11/2023
Viksit Bharat	12/12/2023
A cadet selected in NDA	
Republic Day (Poster, Foot drill and Rifle drill formations)	26/01/2024
C certificate examination	25/02/2024 - 26/02/2024
Air Force Station Visit	22/03/2024
B certificate examination	23/03/2024 - 24/03/2024

In 2023-2024, A-Flight NCC held official meetings and parades, training cadets at the NSO ground. Under the leadership of third-year cadets, second-year cadets trained first-year cadets in foot drills, using recorded videos, live demonstrations, and detailed explanations to ensure comprehension. Meetings concluded with motivational talks and guidance from senior cadets. Additionally, theory classes were conducted by PI Staff, covering topics on NCC, the Indian Air Force, special subjects, and moral values to foster responsible citizenship.

CAMPS AND ACHIEVEMENTS BY NCC CADETS/ANO

The CTC-TSC Army Wing camp was held at NIT Trichy from January 7, 2023, to January 14, 2023. It was conducted by the 3 (TN) CTC NCC Trichy unit under the leadership of Lieutenant Colonel Ajay Kumar, who served as the commanding officer.

The CATC-1 cum Pre IGC VSC-Training Camp was held at NIT Trichy from June 26, 2023, to July 3, 2023. This camp was conducted by the 3(TN) Air Squadron (Tech) NCC, with Wing Commander Abhishek Mittal serving as the commanding officer.

The CATC-2 cum Pre IGC VSC-Training Camp took place at PMU College from July 13, 2023, to July 22, 2023. This session was hosted by the 3(TN) Air Squadron (Tech) NCC, under the command of Wing Commander Abhishek Mittal.

A-FLIGHT NCC KEY EVENTS SUMMARY 2023

1. Independence Day Celebration: Cadets performed a foot drill in front of the Indian National Flag and invited the entire institute, enhancing community spirit.

2. NCC Inductions

- **Process:** Online group discussions and personal interviews, followed by a three-day offline induction.
- **Outcome:** 21 cadets selected from 194 participants to ensure the best fit for NCC training and activities.

3. NCC Inspection

- Commanding Officer Abhishek K Mittal and team inspected facilities, interacted with cadets and staff, and reviewed operations for improvements.

4. Breast Cancer Awareness Campaign

- Events and Dates:
 - Awareness Walk: 01/11/2023, 200 participants marched in pink, raising community awareness and unity.
 - Guest Lecture and Panel Discussion: 03/11/2023, 170 students attended sessions on breast cancer prevention and treatment.
 - Free Thermogram Tests: 03/11/2023 - 04/11/2023, conducted tests for early detection with 250 students participating.

COMMUNITY IMPACT AND FUTURE COMMITMENTS:

A-Flight NCC's social responsibility events have significantly impacted community welfare, such as the Cloth Collection Drive which benefited orphanages and Breast Cancer initiatives that enhanced community health awareness. Moving forward, A-Flight NCC is committed to expanding its contributions to community welfare, adopting new and innovative approaches for a lasting societal impact.

Key Events and Future Directions:

Event	Date	Location	Details
Viksit Bharat Launch	11/12/2023	NIT Trichy	Launched by PM Narendra Modi, focusing on involving youth in India's development by 2047.
Republic Day	26/01/2024	NIT Trichy	Cultural performances and drills to celebrate the nation, with extensive community invitations.
C Certificate Exam	25/02/2024 - 26/02/2024	St. Joseph College, Chathiram	Final exams for 3rd year NCC cadets, including practical tests and viva.
Air Force Station Visit	22/03/2024	Air Force station, Vallam, Thanjavur	Cadets learned about military aircraft and equipment, enhancing their technical knowledge.
B Certificate Exam	23/03/2024 - 24/03/2024	St. Joseph College, Chathiram	Exams for 2nd year cadets, focused on practical skills and drills.

As A-Flight NCC looks to the future, it remains dedicated to driving positive changes through a focus on education, community service, and development initiatives that inspire the next generation of leaders and responsible citizens.

10.7 NATIONAL SERVICE SCHEME (NSS)

VILLAGE AND SOCIAL SERVICE ACTIVITIES

MERI MAATI MERA DESH - AMRIT KALASH YATRA 2023



On October 9, 2023, NIT Trichy hosted the vibrant "Meri Maati Meri Desh" event at Barn Hall, attended by 400 undergraduate students with the institute's Director, Dr. G. Aghila, as the chief guest. The inauguration began with a welcome from Program Coordinator Dr. K. Panneerselvam, followed by ceremonial activities led by Dr. Aghila and a speech from Dean Dr. R. Karvembu. The event also

featured the "Panch Pran Pledge" by student Chairperson Mr. Harish and concluded with a vote of thanks from Vice Chairperson Ms. Nithya Shree, alongside high tea for attendees.

From October 10-13, 2023, NIT Trichy held a series of events as part of the Amrit Kalash Yatra. On the 10th, the Shilaphalakam memorial was dedicated to honor freedom fighters, with their names inscribed on it and erected in local villages. The following day, quizzes on space technology and the Amrit Kalash Yatra drew over 500 student participants. On October 12, the NSS team organized events at local schools, featuring speeches by key faculty and the distribution of rice, sand, and soil collected from local areas to be sent to the National Capital. The Director, Dr. G. Aghila, also distributed 120 indigenous saplings to students. The series concluded on the 13th with a Khadi Mahotsav e-pledge and a quiz competition, rewarding winners with cash prizes.

BLOOD DONATION CAMP 2023-2024

In 2023-2024, NSS NIT Trichy and NITT Hospital organized a blood donation camp in collaboration with Mahatma Memorial Government Hospital, Tiruchirappalli. The camp was inaugurated by Dr. G. Aghila, the Director of NIT Trichy, and featured prominent figures including Dr. N. Kumaresan, Dr. R. Karvembu, Dr. V. Sankaranarayanan, Dr. Hemalatha, Dr. JayaBharathi, Dr. Divya, Dr. Sethupathi, Dr. K. Panneerselvam, Dr. Sankar, and Dr. Rueben Sudhakar, along with numerous NSS volunteers.



BLOOD DONATION CAMP 26th APRIL 2023

EYE-CHECK CAMP-2024



NIT-T Hospital along with NSS NIT-T Team cordially organised FREE EYE-CHECK CAMP in collaboration with Joseph Eye Hospital, Trichy on 17th October, 2023

10.8 TASK FORCE

EVENTS CONDUCTED :

Event	Events Description
Recycle	The "recycle" initiative, undertaken by the task force, is an innovative and environmentally conscious program aimed at repurposing and using old bicycles left behind by recent graduates. The event has been collectively held from 18th august till 21 st august 2023.the event has already seen significant success, with 100 cycles sold within the span of the event in 3 days.
Orientation volunteers	Volunteered to help the orientation team on collaboration with social council in successfully onboarding the first-year students with their hostel process.
Townhall	The Taskforce organizes the Townhall event in collaboration with Students Council, which is a platform for the clubs to propose their required budget for the entire academic year.
Series of melas	Conducted a series of melas, namely the aadhar updation mela, pan card mela, bank account mela, and bank loan mela to benefit the student community. This series of mela took place between 31.10.2023 and 04.11. 2023.around 200 students have been collectively served by these initiatives.

Eye camp volunteers	The collaboration between the taskforce and the student council yielded another impactful initiative on february 3rd, 2024, with the organization of an eye camp in partnership with vasan eye care centre. Running from 10 am to 5 pm, this camp aimed to prioritize the eye health of students, recognizing the strain imposed by prolonged use of electronic devices.
Passport mela	Passport mela is an initiative done by taskforce during the mid-february and march, which focuses on making the passport process a hassle-free one for the students of nit trichy. The number of successful applicants is around 700 students. Our future scopes includes expanding the initiative to the faculties and staffs of nit trichy as well.
Soapbox	It serves as a forum where candidates vying for students' council positions can articulate their visions, plans, and goals directly to the student community. The soapbox event was conducted on april 1st and 2nd, 2024.

10.9 SPORTS ACHEIVEMENTS

In the 2023-24 academic year, the Sports Department at NIT-Trichy delivered a stellar performance, clinching numerous medals and titles across a wide array of national sports tournaments. Notably, the department excelled in both Inter-NIT competitions and other prestigious events such as the NIFTEM Thanjavur, Colosseum-Sastra, Sangram-IIT Roorkee, and the All-India University Tournament. Additionally, the sports council upgraded facilities and successfully organized the annual Sportsfete 23-24, which rallied sports enthusiasts across the institute. The "Run for Unity" event in October also stood out, celebrating the legacy of our freedom fighters.

ACHIEVEMENTS AND INITIATIVES FACILITY

INAUGURATIONS AND UPGRADES:

- **Kho-Kho and Volleyball Courts:** Newly inaugurated at REC Middle School.
- **Natural Grass Turf:** Installed at NSO Football Field.
- **Badminton Courts:** New facilities opened at GJCH.

KEY EVENTS ORGANIZED:

- **Sports fete:** Annual sports festival celebrating student athleticism.
- **Run for Unity:** Event promoting community and fitness.
- **All India Inter NIT Tournaments:**
 - **Cricket Tournament (Faculty and Staff):** Hosted in December.
 - **Cricket and Hockey Tournament:** Hosted in January.
- **Sportsfete Hype Event:** Special event to boost sports enthusiasm among students.
- **Alumni Cup:** Multi-sport competition including:
 1. Kho-Kho
 2. Volleyball
 3. Kabaddi
 4. Football
 5. Handball
 6. Cricket



Achievements in All India Inter NIT Tournament:

- **Jaipur:** Women's Badminton - First Place
- **Surathkal:** Women's Kabaddi - Runner Up
- **Durgapur:** Powerlifting - Overall Championship

- **Trichy:** Men's Hockey - Second Runner Up
- **Rourkela:** Swimming - Runner Up for Both Men and Women
- **Warangal:** Athletics - Overall Championship

Performance at All India University Tournament:

- **Badminton:** Women reached the quarterfinals.
- **Mallakhamba:** Team were finalists.

Colosseum 24' – Sastra Achievements:

- **Basketball:** Runner Up
- **Badminton:** Silver for both Men and Women
- **Tennis:** Men - Overall Second, Women - Second Runner Up
- **Volleyball:** Women - Second Runner Up

Sangram-IIT Roorkee:

- **Martial Arts:** Three Bronze Medals

SPORTSFETE'23

An annual inter-departmental sports competition called "Sportsfete" at NIT Trichy brings together 14 different departments for a spirited and competitive 10-day sports extravaganza, the Annual Inter Department 2023-24 Sports Fete concluded on September 21, 2023. This magnificent extravaganza encourages harmony, good sportsmanship, and physical health. The tournament features a broad range of sports, including specialized disciplines like powerlifting, yoga, and marathons as well as indoor games like table tennis and chess and traditional team sports like football, cricket, and volleyball. Gender inclusivity is emphasized by the enthusiastic participation of both male and female students in these games. More than two thousand people attended the most recent "Sportsfete," demonstrating the event's ongoing appeal. The Department of Civil Engineering emerged victorious as the champions of Sports Festival 2023-24. The proceedings commenced with a warm welcome from Dr. A. Solomon Raja, the SAS Officer. This achievement, in the larger framework of "Sportsfete," inspires students from different departments and reinforces the institute's dedication to well-being, sportsmanship, and holistic development. Padma Shri Mr Charles Borromeo Arjuna Awardee in Athletics (1982 Asian games record holder) graced the valedictory ceremony as the Chief Guest, extending his congratulations to both the winners and participants of the sports competitions. Dr. G. Aghila, the Director of the Institute, commended the students for their dedication to participating in the events. Dr. R. Karvembu, the Dean of Students Welfare, praised the participants for their sportsmanship and teamwork in his address to the students, highlighting the success of the event.



10.10 CAMPUS DEVELOPMENT INITIATIVES

APEKSHAA

Initiatives	On Independence Day, a drawing competition was conducted for the students of REC School on the theme of Patriotism, fostering creativity.
	Assembled lots of dustbins around the race track and helped to gather the plastic waste for the SportsFETE 23 Marathon at NIT Trichy
	Went to Thuvakudi Government School to celebrate the occasion of children's day and organized many activities and gave gifts to all the students.

AKKARA

Event	Events Description
Guest Lecture	Mr B.N.Rahamadhullah completed his Master's from MIT, Cambridge But later his interest in nature made him develop "BN Organic Farm-Ecological Forest" which has 179 plant species. On 8 th Nov 2023, he gave us a valuable talk on "Green Environmental Making" which included insights on growing mini farms, domestic animals, irrigation systems, farming techniques, and environmental sustainability.
Spring Seed	Spring Seed 2.0 is an initiative to make a small environmental change among students and help them understand sustainable practices. This foundational step laid the groundwork for the forthcoming journey of nurturing and growth.
University Visit	On 13 th April 2024, Students from NIT Trichy visited Tamil Nadu Agricultural University, Anbil Dharmalingam Agricultural College and Research Institute, Tiruchirappalli. Students had great interactive sessions with experts and had the privilege of visiting laboratories dedicated to the development of cutting-edge technologies in agriculture.
Case Study	On 7 th April 2024, on Account of Social Week conducted by the Social Council, NIT Trichy, the Akkara club organized a social awareness case study event "From Seed to Scale" among students on various real-world agriculture-related scenarios with emphasis on crucial topics like preventing farmer suicides and empowering women in agriculture.



ENRICH

Event	Events Description
Academic Activities for the 2027 batch	Classes for all subjects were held daily for 23 students from the 2027 batch of UG, led by 13 mentors (3 rd , 4 th year UG, PG, and PhD Scholars). These sessions ensured full curriculum coverage and included doubt-resolution sessions.
Academic Support for the 2026 batch	From the 2026 batch, 14 students of the UG benefited from a department-wise mentorship program, offering personalized academic guidance from professors to create a supportive learning environment.
Interactive Learning Platforms:	"Enrich Week" fostered interactive sessions and workshops, encouraging collaboration and critical thinking beyond traditional classrooms.

Language Enrichment Programs	Both the 2026 and 2027 batches received spoken English classes to enhance communication skills for academic and professional success.
-------------------------------------	---

IGNITTE

Event	Events Description
Admissions	Facilitated admissions for students who studied under us for the JEE Mains 2023 session during the month of May, ensuring that they get an opportunity to study in the best institution possible.
Screening Tests	Conducted annually in the districts of Tiruchirappalli and Tirunelveli to assess the abilities of government school students and select candidates for our coaching program, during the month of September. In this year's Tests, over 500+ students attended in each district.
Bridge Course	Organized at the start of the academic session to assist students in mastering basic concepts and facilitate a smooth transition from Tamil to English, particularly beneficial for those from Tamil-Medium schools.
Weekend Classes	Held every weekend of the month for Tiruchirappalli district students in our campus classrooms at Orion or LHC.
Mini-Crash Course	Conducted in September during the 5-day holiday period, including students from Tirunelveli district, to provide intensive coaching.
Kalvithadam Sessions	We have conducted multiple Kalvithadam Sessions over the past year, in various schools across districts. These include sessions in Seva Sangam Girls School, Trichy (January 20 th , '24), M CT RM Ramanathan Chettiar Government Higher Secondary School, Pudukkottai (October 14 th '23), Thyagaraja Model Higher Secondary School, Madurai (April 13 th '24) and a session in Campus as a part of Pragyan's Techids event (November 4 th '23).
Crash Course	Annual coaching program during winter breaks from December 2023 to January 2024, preparing students extensively for the JEE exam.
Kalvithadam Brochure and Website Launch	On April 9, unveiling the Kalvithadam website containing comprehensive career details.
YouTube Launch	Launch of the YouTube channel for broader outreach and accessibility.



LEAP

Event	Events Description
Photography Event: EAPIX	A nature-themed photography competition aimed at fostering creativity, skill development, community building, cultural enrichment, economic growth, and personal reflection.
Case Study Event	A event on solar energies, environment, and modern GPTs, offering insights and opportunities for students to find solutions.
Golden Dustbin	A book distribution initiative promoting recycling, reuse, and recycling, fostering a circular approach to resource utilization.
Plantation Event	A hands-on experience in growing a plant, promoting holistic education, personal development, and community engagement.
Environment awareness and carbon footprint	A screening of an environmental film to raise awareness about climate change impacts and the urgency of environmental protection. It served as a catalyst for raising consciousness about the need for environmental stewardship and fostering meaningful conversations about environmental issues and potential solutions.

OMEGA SCIENCE AND SPIRITUALITY

Event	Events Description
Meditation Workshop	Celebrates 11 years of Silent Revolution, held on February 2, 2024, at Orion G12.
Global Spirituality Mahotsav	Organized by the Ministry of Culture, Government of India, and Heartfulness.
Yoga Mahotsavam	3-day Yoga and Meditation Workshop at BHEL Community Centre from March 25 to 27, 2024.
Samvaad	Exclusive Interaction Session with Acharya Prashant, conducted via Zoom video conference on April 6, 2024.
SereNITTy	Launched its magazine, "SereNITTy," which aims to curate insightful content and promote intellectual engagement.
Weekly Meditation Sessions	Led by Sangeeta mam every Wednesday evening, providing mental peace and releasing stress.



PRAKRUTI

The nature club of NIT-T responsible for the welfare of the animals and plants. Ensures the care of and also take an active responsibility in spreading awareness of nature.

Date	Events/ activities	Location
3 rd Aug 23	Calf injured, oral medicine only,	QIP Quarters
17 th Sep 23	Puppy accident, visited hospital, Dressing and glucose drip.	Opal Hostel
21 st Oct 23	Accident case, treated, Given PT, recovered,	Agate
Nov 23	Rescued a dog outside main gate	NITT Main gate
9 th Dec 23	Abscess formation, treated, recovered	MM2
11 th Dec 23	Car accident Case. Govt hospital . took to govt hospital chhatram. Treatment given. recovered	Transport section
15 th Dec 23	GINGER an indie near MME Dep. was treated successfully. Recovered	MME Dept
24 th Dec 23	Swelling Infection of puppy , treated	MM2
29 th Dec 23	A pup rescued, operated	zircon

And many more, apart from this Feeding of dogs with leftover foods from MM2 was carried out. Awareness of the pupil about animal rights, how to give first aid, safety measures etc was carried out.



Date	Events/Activities	Location
May 24	Sterilization of dogs, in talk.	ECE Department
APR 24	A dog suffering from vaginal cancer is undergoing treatment	Transport section
	A total of 3 Squirrels were treated of heat stroke	Lapis, MM2
	Deworming of Dogs in the Campus	
	Understanding Canine Behaviour” lecture by President Anuj Kashyap, Tree plantation near Malai Kovil Temple Pond on Social week	LOGOS, Malai Kovil Temple pond
	Dog with abscess near hostel office treated, recovered. Cat rescued of dogs	Hostle office
	Procurement of Water pots for Peacocks and Dogs in the process	
MAR 24	Heatstroke-affected dog in zircon treated, recovered	zircon
	Dog fell in pit in MM2 rescued	MM2
FEB 24	Dog suffering of parvo near NIT school treated inhome.	NITT school
	Guest lecture By VEGAN ANIMAL ACTIVIST Mr Arvink Kanan in Orion	Orion

Achievement- Reached more no. of people. Got appreciated by Rathnas pet clinic & People For Animal for groundwork. Apart from that Prakruti is planting 50+ trees in campus behind Pearl.

CULTURAL CLUBS

AAAYAAM

Events	Umang '23	Conducted the Hindi week on campus from Sept 14 – Sept 19. Aimed to enrich the non-Hindi speaking society and build curiosity about the language. The event saw over 95 participants across the various events
	Festember '23	Collaborated with Festember '23 for Hindi Lits events. Organised 5 events including Cricket Quiz, Debate, Rochak Mantrana, Extempore, Titanic Safari.
	Dandiya Night	Conducted Dandiya Night on 21 st October to celebrate Navaratri. The festival gave a chance to students to experience Gujrati culture. Prizes were given for attendees with the best ethnic wear.
	Creative Writing	A creative writing competition was conducted on 30 th October
	TOLIC (Town Official Language Implementation Committee)	In collaboration with TOLIC, conducted a workshop on the activities of the Official Language Implementation Committee. Also conducted Bhartiya Bhasa Utsav in collaboration with TOLIC.
	Republic Day	Helped organise the Tiranga March to foster national pride and unity in NIT Trichy on Republic Day.
	Chitrakala Competition	Conducted Chitrakala competition on the occasion of Mahashivratri
	Holi Hungama	Celebrated on 24th March with huge participation from students. The celebration started on the night before Holi with Holika Dahan. On Holi colours were provided along with refreshments for all attendees.



AKSHARA

Events	Krishna Janmashtami	Celebrated Janmashtami on Sept 6 at CEESAT ground with a crowd of over 300 people. A pot-breaking event (Utti) and a children's Radha and Krishna dress competition was held.
	Festember '23	Conducted a Treasure Hunt and Picture Inter-Linking Activity with good attendance as a part of Festember '23
	Harshotsavam	Harshotsavam celebrations were conducted on Nov 11 and 12 with an attendance of over 300 people. The event was filled with activities including food festivals and a movie screening of Housie

AMRUTHAVARSHINI

Events	Interviews in collaboration with Spic Macay	In collaboration with Spic Macay, esteemed personalities were interviewed such as Vidwan Prasanna Venkataraman and Mridangam Vidwan Arjun Ganesh.
	Siddhi Vinaayakam Anisham	An enlightening Sangeetha Upanayasam was conducted on 16 th Sept with a captivating performance by Vignesh Chandrasekharan and his team.
	Festember '23	Conducted the Shruthilaya Cluster as a part of Festember '23. The cluster featured engaging quiz and percussion events.
	Orientation Performance	Performed a rendition of Jagadananda Karakaa on 24 th August setting a tone for the year.
Performances	Janmashtami Concert	Organised a temple concern on 6 th Sept with second-year students showcasing their talent.
	Vinayaka Chaturti Concert	A temple concert was held on 19 th Sept to pay homage to Lord Ganesha.
	Thyagaraja Aaradhanai	Club members paid homage to the saint Thyagaraja by visiting Tiruvaaiyaru and rendering his timeless compositions in late Jan.
	Dhikshitar Aaradhanai	Participated in the Dhikshitar Aaradhanai at Ettayapural in late March honouring the contributions of saint Mutuswamy Dhikshitar through soulful renditions of his compositions.
	Carnatic Music Workshops	Conducted regular Carnatic music workshops throughout the year open to both students and public. These workshops included classes on Thaalam, Vocal, Percussion and Jamming.
Workshops and Classes	Guided Listening Sessions	Guided Listening Sessions at SAC 03 along with online streaming. The sessions include a musical concert followed by simple explanations
	Pancharatnam Learning Sessions	Throughout the year, club members were taught various pancharatnams by the final years to enhance their musical knowledge

**BALLS BY PICASSO**

Events	NITTFest	Conducted the English Lits cluster in collaboration with NITTFest with a plethora of events with great enthusiasm.
	Aaveg	Conducted the English Lits cluster in collaboration with Aaveg for the first years with a plethora of events with great enthusiasm.
	Festember '23	Conducted the English Lits cluster in collaboration with Festember with a plethora of events with great enthusiasm from students from NITT as well as those from other colleges. Events included MELA quiz, General Quiz, Potpourri, What's the Good Word, Debate and many more were conducted.

	Weekly Events	Weekly Lits events were conducted throughout the year on different themes like Music, Entertainment, Sports, Word Puzzle, Debates etc. These events were conducted to encourage an interest in English Literary activities
Competitions	<p>Actively brought laurels to the institute by representing it in various national events including:</p> <ul style="list-style-type: none"> • Mood Indigo (IIT Bombay) • Saarang (IIT Madras) • Saastra (IIT Madras) • Whipso Facto (NLSU Bangalore) • Christ Quiz Fest (Bangalore) • Kuruksastra (Sastra, Thanjavur) <p>Bagged over 40 podium positions throughout the year and placed as finalists in many more.</p> <p>Played a key role in bagging Overall Best Institute Trophy at Kuruksastra by bagging 19 podium positions at the English Lits cluster.</p>	

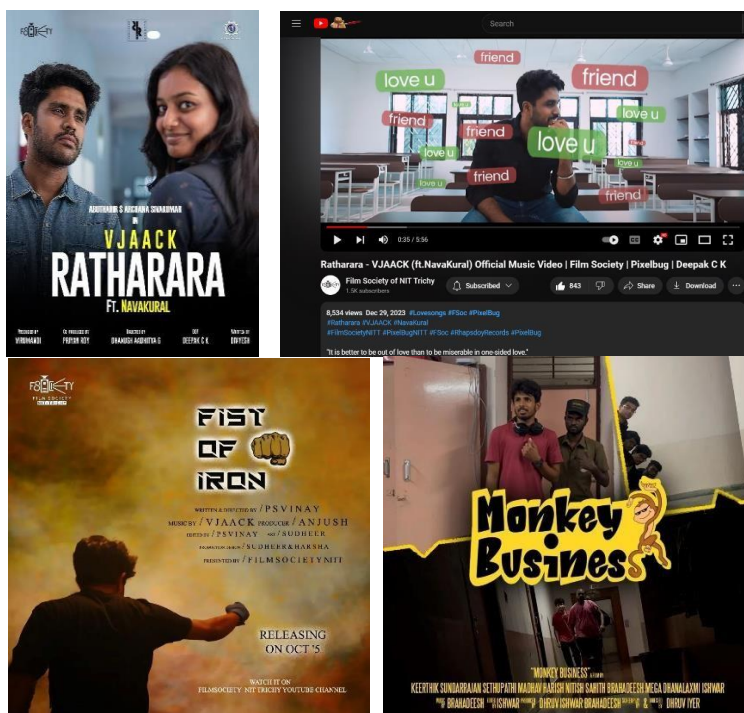


DANCE TROUPE

Events	Salsa Workshop	Held a Salsa workshop for Archcult with a participation of 120 people
	Dance Workshops	Conducted Dance workshops for Eastern and Western dance styles for NITT students to learn the choreographies.
	Induction Workshops	Conducted dance workshops as a part of inductions for the registered students
	Zest	Conducted the annual intra-DT competition where 2 nd years compete in teams including both club members and other students.
Social Media	<ul style="list-style-type: none"> • Promotional reel for LGM in collaboration with Festember • Posted 6 dance reels with the highest reel having 25.4k views and lowest having 13k. 	
Competitions	<ul style="list-style-type: none"> • India's Hip Hop International regionals - Western team got selected to represent India in Arizona, USA. • Saarang (IIT Madras) • Dhruva (IIM Trichy) - The Eastern team won 2nd place. Won got 2nd place in the Solos competition as well. • Echoes (IIM Kozhikode) - The Eastern team won 2nd place. • Riveria (VIT Vellore) • Dhanak (IIST) - The Western Team won 3rd place. • Kurushetra (Sastra) - The Eastern team won 1st place. 	
Performances	<p>Performed for the following events in campus:</p> <ul style="list-style-type: none"> • Chemistry department symposium • Orientation • Festember's Choreonite (Host Performance) • Archcult 	

FILM SOCIETY

Videos	Music Video	Wrote, directed and produced a music video in collaboration with Pixelbug
	Short Films	Shot and released two short films: 'Monkey Business' and 'Fist of Iron'
	Post Production	Two untitled projects in post-production to be released over the summer
Events	Movie Screening	Movie screening for CulFie '23 in different languages to promote cultural diversity
Social Media	<ul style="list-style-type: none"> Kept up with cinema worldwide to improve audience engagement through online platforms like Instagram and Youtube 	
Song Composition	<ul style="list-style-type: none"> Composed 3 songs as a part of the new initiative to encourage music composition 	



FINE ARTS SOCIETY

Art Works	Festember '23	Gifted 6 portraits of Festember guests including Anil Srinivasan, Gaurav Juyal, Tejaswini Manogna, HipHop Tamizha, Madhushree and Neethi Mohan
	Archcult Exhibit	Artworks from club members were exhibited for 3 days at the lecture hall during Archcult
	Capstone Wall Mural	<p>From Sept to Dec worked on painting the mural on Capstone wall.</p> <p>Work done in September</p> <ul style="list-style-type: none"> Introduction and research on wall painting

		<p>and mural analysis, design.</p> <ul style="list-style-type: none"> • Finding out the grid and fitting onto 5 x 9.2 mts wall • Finding suitable colours • Finding suitable paints • Listing down the requirements <p>Work done in October</p> <ul style="list-style-type: none"> • Getting materials • Finalizin the design • Shuttering fixing • Preparation of surface – fixing cracks with putty, levelling uneven surface <p>Work done in November</p> <ul style="list-style-type: none"> • Primer coat • Second background coat • Grid with red oxide thread • Sketching • Start of painting first coat of grey • Starting other colours first coat. <p>Work done in November</p> <ul style="list-style-type: none"> • Finishing Painting first coat and second coat. • Removal of shuttering.
Events	Rangoli Competition	Conducted and judged the rangoli competition as a part of CulFie '23.



MUSIC TROUPE

Performances	Orientation	Performed a medley of songs across genres and languages to welcome the freshers to NITT.
	1983 Reunion	Performed for the alumni gathered at the REC 1978-1983 batch reunion program.
	Archcult	Performed a curated set of Malayalam, Tamil, Hindi and English songs as a part of Archcult
	Pongal	Performed at Tamil Mandram's pongel celebration in front of the team for the movie Lover
Events	Old Age Home Visit	Performed at Truwdes old age home as a part of HumaNITT week.
	Open Mic Event	Organised an open-mic event to all students
	Crescendo	Crescendo' delivered an electrifying evening at Basketball court as Music Troupe showcased 15 songs spanning Hindi, Tamil, and English genres, captivating the audience with chart-toppers and nostalgic favourites, making it a memorable night for all attendees.
Competitions	<ul style="list-style-type: none"> • Music Troupe won the 1st prize in the battle of bands competition hosted by IIM Trichy • Music troupe excelled at Saarang'24, with both Eastern and Western bands qualifying for competitive offline prelims. Additionally, the Eastern band clinched 3rd prize in Tarang (Eastern band) finals. • Music Troupe secured 2nd place in the Eastern Fusion band contest and 3rd place in the Western Band contests at the competitive VIT Vellore Riviera Fest, adding to our winning streak. • Music Troupe clinched the 1st prize in the Eastern band competition at Kuruksastra'24 by Sastra University! NIT Trichy also won the overall trophy. 	

PIXELBUG

Accomplishments	Music Video	Filmed the video song, edited and posted in collaboration with FSOC and got a reach of 85k+ views on Instagram and Youtube.
	Social Media	The club has successfully published over 80 posts on both Instagram and Youtube, featuring an attractive grid design. These efforts have garnered significant attention, with videos reaching over 400k+ views and photos achieving more than 200k+ views.
	Coverage	We documented all the major events and fest that are happening inside our college. This involvement supports the development of its members' technical and creative skills in photography and videography.
Events	Aurora	Aurora is the flagship event of the Pixelbug where it is aimed at establishing a platform for young photographers to interact and learn from the veterans in this field. The speakers of the event were

		Munish Palaniappan, Arun Siddharth and Karthik Rajagopal.
--	--	---

SPIC MACAY

Events	Orientation	Conducted a Carnatic Vocal performance by Sri Prasanna Venkatraman on the 2nd of September. Sri Prasanna was ably accompanied by Sri Arjun Ganesh on the Mridangam and Sri Trivandrum Sampath on the violin
	Festember	On the joyous occasion of the inauguration of Festember on the 5th of October, SPIC MACAY NIT Trichy presented a Kuchipudi recital by Smt. Vyjayanthi Kashi and her disciples. As a part of the valedictory ceremony for Festember on the 7th of October, a Tholpavakoothu recital by Sri KK Ramachandra Pulavar was hosted. Tholpavakoothu is a form of shadow puppetry that is practised predominantly in Tamil Nadu and Kerala.
	Virasat	Virasat is SPIC MACAY's annual four day festival that brings together a melange of events, activities and workshops. The first day started with a Koodiyattam, a Sanskrit-based theatrical art form from Kerala by Kalamandalam Dr. Krishnendu. The next day, Vidwan Sheik Mahaboob Subhani and Vidushi Kaleeshabi Mahaboob performed a stunning Nagaswaram recital. The final day concluded with a brilliant Kathak performance by Vidushi Gowri Diwakar. In addition to this, a Kalamkari Workshop was also conducted.

TAMIL MANDRAM

Events	Festember	Organised Tamil Lits events for Festember 2023. Sagalakala Vallavan, Uyarthani Semmozhi, Padathodu Pesa Va, Sorkanai, Asatha Povathu Yaaru, and Kodambakkam were the events conducted. The event Asatha Povathu Yaaru had a live coverage by Aathithya TV Channel and was published on their YouTube channel.
	Gala for Kids	Organised and engaged government school students with fun and interactive events related to Tamil and Tamil movies.
	Bharatiya Basha Utsav	Tamil Mandram students gave a presentation to the non-teaching and teaching staffs of NIT Trichy about the latest tech-tools related to language usage. Many programs were successfully organised by Tamil Mandram for Bharatiya Basha Utsav on the final day of the event. Many Government school students from around Trichy participated in these events

	Vidhai	Vidhai event was organised in collaboration with International Year of Millets 2023. The events conducted were based on Millets and Tamil.
	Porutpaal and NITTILAM Magazine Release	Organised Porutpaal – A Guest Lecture series where famous Tamil Writer Mr Chokkan, Mr Rajaguru -an archaeologist, and Mr Karthick Chidambaram, Founder and CEO of DCKAP, spoke about the monetary opportunities available in Tamil. The Annual Magazine of Tamil Mandram was launched by the above speakers.
	Guest Lecture for Needs of Nature	A guest lecture was held in collaboration with the Department of Energy and Environment by Mr. B. N. Rahamadhullah, Chief Ecologist, regarding the conservation of nature and farm crop management system.
	Pongal	Pongal celebrations was organised by Tamil Mandram on 27 th Jan. Some highlights include a talent show, debate, traditional Tamil games, talk show with the cast of Lover and Simlamban and Theechilambam performances
	Tamil New Year	Tamil New Year celebrations were conducted on 11 th April. The event included a guest lecture by Mr. Bawa Chelladurai, orator and writer, informal games for students, Bommallattam – the puppetry show and Paraiattam, in which students showed their eager participation and enthusiasm.
Initiatives	Tamil Classes	Organised Tamil Classes for 3 days in which more than 120 people, including students, PhD Scholars and even Professors participated in this event. A WhatsApp group had been created in which they post their doubts and queries, which are answered by the members of Tamil Mandram.
	Video Series	Collaboration with Amruthavarshini to produce a series of videos about “Thirumuraiyum Thamizhisaiyum”, where ancient Tamil songs are expressed through Carnatic Music.
	Translation	Translated official documents at NITT as well as Festember press release translation.
Competition	<ul style="list-style-type: none"> • Participated in a GL organised by Kasi Tamil Sangamam • Participated in a speech competition organised by the Government of Tamil Nadu to celebrate the birthday of Pandit Jawaharlal Nehru. • Participated in a competition organised by the Government of Tamilnadu to celebrate the 100th birthday Dr. Kalaingar. (Won 3rd prize) • MIT Chennai competition (Participation) • Kongu Engineering College Zhagaram competition (Participation) • Sastra college competition (6 winning - 1. Sotrali (Essay writing) - 1st, 2nd 2. Kavithoppu , (Poetry writing) - 2nd, 3. All in all Azhagu Raja - 2nd, 4. Sorkanai (Speech) - 1st, 5. Thamizhattam (Tamil Quiz) - 1st) 	

TEDxNITTrichy

Events	Equinox '23	On August 27, conducted its 8th consecutive flagship event, Equinox 2023. The event featured a distinguished lineup of speakers, each bringing expertise from diverse fields such as creative arts, architecture, and the legalities surrounding Artificial Intelligence. The event comprised five insightful talks interspersed with enjoyable audience engagement activities. Following the event, participants had the opportunity to network with the speakers, fostering direct interactions and meaningful connections.
	ConnecTED '24	On February 17, 2024 TEDxNITTrichy conducted a TEDx-themed event ConnecTED exclusively for the first years. The event also served as an induction briefing event with the introduction of the core beliefs of TEDx and as to what we as a team at TEDxNITTrichy do.

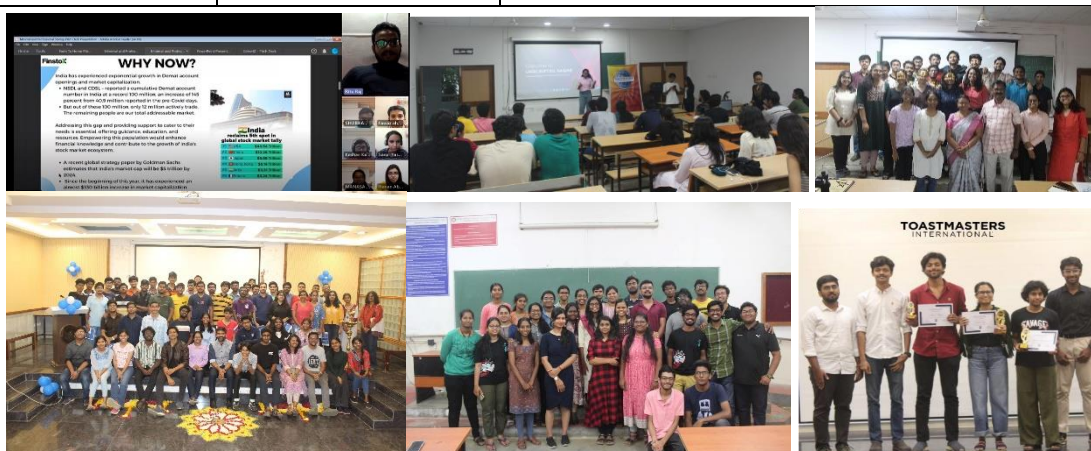
THESPIANS' SOCIETY

Performances	Orientation	Performed monoacts for first years during Orientation
	Festember	Performed host performance in EEE Auditorium during Festember
	Cresendo	Two narrative story enactments and stand-up comedy was performed in collaboration with Music Troupe
Competitions	NIT Surathkal	A play and two slam poetry pieces were enacted. Received third place in one-act play category.
	Kurukshastra	Won first place in the Theatre competition, along with best writer and best director accolades

TOASTMASTERS INTERNATIONAL

Events	Pitch Perfect	This event was a collaboration with the Entrepreneurship Cell of NIT Trichy. This event aims to improve communication skills and how one can effectively deliver a startup pitch.
	Unscripted Sagas	Unscripted Sagas was an event held during Orientation to highlight the club's main aspects; improving impromptu speaking skills and overcoming stage fear. Freshers were instructed to weave a tale full of imagination to test how far their creative renditions could take them.
	Educational Session	TM Sonal Shailendra, the past President of India's first Toastmasters Club, came from Bengaluru Toastmasters to conduct an educational session on Mastering the art of speechcraft.

	Humorous Speech and Evaluation Contest	the Area-level Humorous Speech and Evaluation Contest was conducted in NIT Trichy on 15th Oct. It was a hybrid event where members from Trichy and around participated. Two members won contests and proceeded to the division level
	Officers Training Program & Judges Training Program	Conducted officers training program & judges training program in which members of Toastmasters clubs all around the Tamil Nadu state participated. Gained key insights about the club and about life through professionals in public speaking. Our district director DTM Gayathri, program quality director DTM Mohanakrishnan, club growth director TM Vinoth Kumar gave insightful and inspirational speeches
	Alumni spotlight	Organised an event in collaboration with WINNITT to celebrate International Women's Day. Miruna Bashkar, an alumni of NITT 2019, and now an Instagram influencer, health coach, and certified yoga instructor, was the spotlight speaker. This event covered various important topics, including holistic living, nutrition tips for women, and gender equality in the workplace.
Achievements	Area Director Visit	The Area Director of Area H5, Toastmaster Uma Arumugasamy from Tuticorin visited our campus to address us and to evaluate the club's quality. We also presented all our achievements and progress of our club over the years to her. The score given to our club in the Area Director Club Visit Report is "Exceeds Expectation".



LAKSHYA

Events	Breast Cancer Awareness	<ul style="list-style-type: none"> Awareness walk Panel discussion and Guest Lecture Thermogram
	Lakshya	<ul style="list-style-type: none"> Movie screening (prefest) Echoes of the Vanished Parkour Tent Pitching Question Mark Rifle Shooting Maza Run Chakravyuh Guest Lecture by Dr. R R Clement, IRS

All events coordinated by **STUDENTS' COUNCIL MEMBERS (2023-2024)**

S. No.	Name	Designation
1.	President	Navathi Thrinesh (ECE)
2.	Vice President	Hashvitha R (PE)
3.	General Secretary	Akshay P (CE)
4.	Additional General Secretary	Sree Subhiksha S (CE)
5.	Joint Secretary	Harshvardhan T (PE)
6.	Additional Joint Secretary	Sree Harine Harikrishna Perumal (EEE)
7.	Secretary (PG)	Bireswar Das (M. Arch.)

महानिदेशक लेखापरीक्षा (केंद्रीय)
चेन्नई का कार्यालय
'ऑडिट भवन', 361, अन्ना सलाई, तेनामपेट,
चेन्नई - 600018



OFFICE OF THE DIRECTOR GENERAL OF AUDIT
(CENTRAL) CHENNAI
'AUDIT BHAWAN', 361, ANNA SALAI,
TEYNAMPET, CHENNAI - 600018

No. DGA(C)/CE/II/28-60/24-25/

Date: .10.2024

To

The Secretary
Ministry of Education
Government of India
Shastri Bhavan
New Delhi -110001

NIT Director's Office	
Inward Dak No.	
DOR	17/10/2024
DOD	17/10/2024

Sub: Separate Audit Report on the accounts of the National Institute of Technology, Tiruchirapalli for the year 2023-24.

Sir,

I am to forward herewith the Separate Audit Report on the accounts of National Institute of Technology, Tiruchirappalli for the year 2023-24 along with the statement of Accounts.

The date of presentation of the accounts to Parliament for the year 2023-24 may please be intimated to this office. In addition, a copy of the report as presented to Parliament may also be sent to this office in due course.

The receipt of this letter with enclosures may kindly be acknowledged.

Yours faithfully,

Encl: As above

sd/-
Director (Central Expenditure)

To DRFA
FMA
B
17/10/24

To: Budget
17/10/24

To
R
17/10/24

No. DGA(C)/CE/II/28-60/24-25/83

Date: 12.10.2024

Copy of the Separate Audit Report of National Institute of Technology Tiruchirappalli for the year 2023-24 is forwarded to the **Director, National Institute of Technology Tiruchirappalli**. It is requested to furnish a copy of the Hindi version of the Separate Audit Report and one copy of Annual Report as presented to Parliament at an early date. It is also requested to furnish the dates of presentation of the accounts to Parliament for the year 2023-24.



Director (Central Expenditure)

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of National Institute of Technology Tiruchirappalli for the year ended 31 March 2024.

We have audited the attached Balance sheet of National Institute of Technology Tiruchirappalli as on 31st March 2024, Income & Expenditure Account and Receipts and Payments Account for the year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 22(2) of National Institutes of Technology Act 2007. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum performance aspects, etc., if any, are reported through Inspection Report/ CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material mis-statements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statement. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- ii The Balance Sheet, Income & Expenditure Account and Receipts and Payments Account dealt with by this Report have been drawn up in the format approved by the Ministry of Education.
- iii In our opinion, proper books of accounts and other relevant records have been maintained by the Institute as required under Section 22 (1) of National Institutes of Technology Act, 2007 in so far as it appears from our examination of such books.

iv We further report that:

A. Grants in aid

Out of the grants-in-aid of ₹259.50 crore available for the year 2023-24, the Institute utilised a sum of ₹255.93 crore leaving a balance of ₹3.57 crore as unutilised grant as on 31 March 2024.

B. Effect of Revision in Accounts.

The accounts of the Institute were revised based on audit comments. As a result of revision of accounts, Assets/Liabilities were increased by ₹1.36 crore and deficit increased by ₹1.50 crore.

C. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of National Institute of Technology Tiruchirappalli through a Management Letter issued separately for remedial/ corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India.

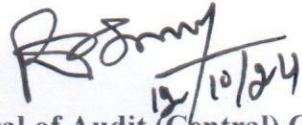
a) In so far as it relates to the Balance Sheet, of the state of affairs of the National Institute of Technology Tiruchirappalli as at 31 March 2024; and

b) In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

For and on behalf of the C&AG of India

Place: Chennai

Date: 12.10.2024


Director General of Audit (Central) Chennai

Annexure

1. Adequacy of Internal Audit System:

Adequate.

2. Adequacy of Internal Control System:

The internal control system was inadequate to the extent of non-formulation of policy for the utilisation of designated funds and non-tracing of lost library books.

3. System of Physical verification of Fixed Assets and Inventory:

Physical verification of fixed assets was done for the period 2023-24.

4. System of Physical Verification of Inventory.

Physical verification of inventory was done for the year 2023-24.

5. Regularity in payment of statutory dues:

The Institute was regular in payment of Statutory dues.


Director (Central Expenditure)

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 620 015, TAMILNADU



ANNUAL ACCOUNTS

FY 2023~24 (Revised)

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 620 015

ANNUAL STATEMENT OF ACCOUNTS FY 2023-24

Contents	Page
Balance Sheet as at 31 st March, 2024	1
Income and Expenditure Account	2
Schedules	3 ~ 34
Notes on Accounts	35 ~ 45
Receipts and Payments Account	46
GPF and NPS	47~52



National Institute of Technology, Tiruchirappalli-620 015

Balance Sheet as at 31-03-2024

		₹	₹
Sources of Funds:	Schedule No.	2023-24	2022-23
Capital Fund	1	206 41 95 739	191 40 94 325
Designated/Earmarked/Endowment Funds	2	251 85 01 682	225 76 09 384
Secured Loans - HEFA Loan	2(HEFA)	52 94 45 825	24 79 06 714
Current Liabilities & Provisions *	3	716 05 45 421	641 85 29 323
TOTAL		1227 26 88 667	1083 81 39 747
Application of Funds	Schedule No.	2023-24	2022-23
Fixed Assets	4		
Tangible Assets		401 61 79 145	395 04 79 652
Intangible Assets		4 95 11 788	3 73 94 320
Capital Works-in-progress		148 18 02 192	109 34 91 277
Investments From Earmarked/Endowment Funds	5		
Long Term		231 32 99 071	204 59 15 532
Short Term		2 01 51 296	2 01 01 297
Investments - Others	6	0	0
Current Assets	7	381 62 82 257	303 56 64 544
Loans,Advances & Deposits	8	57 54 62 918	65 50 93 125
TOTAL		1227 26 88 667	1083 81 39 747

Note: * Rs.567.76 Crore - Provision for liability towards Retirement Benefits as per Actuarial Valuation has been created in FY 2021-22 and exhibited in Schedule-3 by debiting the Income & Expenditure Account Scheulde-15A. Till FY 2020-21 such provision required was being disclosed under Notes on Accounts only. As on 31.03.2024 the Provision for liability towards Retirement Benefit as per Actuarial Valuation Rs.629.83 Crore is provided.

Significant Accounting Policies

23

Contingent Liabilities and Notes to Accounts

24


Dy.Registrar(F&A)


Registrar (i/c)




Director



National Institute of Technology, Tiruchirappalli-620 015
Income and Expenditure Account for the Period/Year Ended 31-03-2024

		₹	₹
Particulars	Schedule No.	2023-24	2022-23
INCOME			
Academic Receipts	9	67 33 76 739	72 57 97 929
Grants/Subsidies	10	233 57 61 722	201 90 61 844
Income From Investments	11	19 34 80 054	10 28 43 929
Interest Earned	12	62 99 187	36 18 755
Other Income	13	24 64 54 423	20 81 27 959
Prior Period Income	14	19 46 665	39 97 033
TOTAL-(A)		345 73 18 790	306 34 47 449
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	15	163 10 39 518	152 04 17 750
(+) Increase/(-)Decrease in Provision for Retirement & Terminal Benefits*	15A	71 14 25 322	-9 66 67 509
Academic Expenses	16	42 53 52 299	38 86 66 106
Administrative and General Expenses	17	24 37 14 764	14 28 22 621
Transportation Expenses	18	20 18 521	29 68 247
Repairs & Maintenance	19	8 68 09 694	10 16 58 209
Finance Costs	20	1 62 89 673	1 88 18 447
Depreciation	4	30 62 66 842	28 60 21 786
Other Expenses	21	0	0
Prior Period Expenses	22	0	16 10 272
TOTAL-(B)		342 29 16 632	236 63 15 929
Balance Being Excess of Income over Expenditure (A-B)		3 44 02 158	69 71 31 520
CPWD Deposit for Capital Expenditure		60 00 000	64 10 200
Repayment of HEFA Loan availed for Capital Expenditure		7 29 70 000	7 29 70 000
Capital Expenditure from IRG		5 91 94 773	2 69 42 172
Others (Transfer to Corpus Fund 8 87 00 000 + 1 24 00 000)		10 11 00 000	8 93 00 000
Balance Being Surplus/Deficit Carried to Capital Fund		-20 48 62 615	50 15 09 148

Note: * Rs.567.76 Crore - Provision for liability towards Retirement Benefits as per Actuarial Valuation has been created in FY 2021-22 and exhibited in Schedule-3 by debiting the Income & Expenditure Account Schedule-15A. Till FY 2020-21 such provision required was being disclosed under Notes on Accounts only. As on 31.03.2024 the Provision for liability towards Retirement Benefit as per Actuarial Valuation Rs.629.83 Crore is provided.

Significant Accounting Policies

Contingent Liabilities and Notes to Accounts

Dy.Registrar (F&A)

Registrar (i/c)

Director



**SCHEDULES FORMING PART
OF
BALANCE SHEET**



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 1: CAPITAL FUND

		₹	₹
	Particulars	2023-24	2022-23
	Balance as at the Beginning of the Year	191 40 94 325	109 91 52 237
Add:	Contribution towards Capital Fund	0	0
Add:	Grant from UGC, Govt of India and State Government to the extent utilized for capital expenditure	22 36 92 903	21 40 04 216
Add:	Assets Purchased out of IRG	5 91 94 773	2 69 42 172
Add:	Capital Expenditure out of IRG+HEFA Loan repayment from IRG	7 89 70 000	7 93 80 200
Add:	Assets Purchased out of Earmarked Funds	0	0
Add:	Assets Purchased out of Sponsored Projects, Where ownership vests in the institution	0	0
Add:	Assets Donated/Gifts Received	0	0
Add:	Other Additions	0	0
Add:	Transfer from Surplus IRG	0	0
Add:	Excess of Income over expenditure transferred from the income & Expenditure Account	0	50 15 09 148
	Total	227 59 52 001	192 09 87 973
Deduct:	Deficit transferred from the Income & Expenditure Account	-20 48 62 615	0
Deduct:	Depreciation on Assets Donated/Gifts Received (Siemens COE)	- 68 93 648	- 68 93 648
	Balance at the Year End	206 41 95 739	191 40 94 325


Dy.Registrar(F&A)


Registrar (i/c)




Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 2: DESIGNATED/EARMARKED/ENDOWMENT FUNDS

Particulars	Fund wise Breakup										Total	
	Corpus Fund	Staff Development Fund	Maintenance Fund	Depreciation Fund	Student Welfare Fund	Research Park Fund (Newly created in 2022-23)	Endowment	AIC Fund	R&C Funds		2023-24	2022-23
									ICSR	RMF		
A.												
a) Opening Balance	212 92 88 411	3 02 13 977	12 64 192	12 64 192	1 89 62 866	3 12 41 521	1 89 54 076	62 13 205	70 98 186	1 31 08 759	225 76 09 384	201 94 80 432
b) Additions during the year	11 48 68 972	2 91 873	0	0	0	0	50 000	20 100	9 47 559	36 08 993	11 97 87 497	10 06 36 470
c) Income from investments made out of the funds	4 56 93 630	6 48 379	27 129	27 129	4 06 935	6 70 430	9 33 177	3 64 372	0	0	4 87 71 181	99 05 622
d) Accrued Interest on Investments/Advances	9 06 14 088	12 85 787	53 799	53 799	8 06 985	13 29 515	0	0	0	0	9 41 43 973	9 61 83 372
e) Interest on Savings Bank Account	1 96 917	1 552	65	65	974	0	0	0	0	0	1 99 573	1 13 664
f) Other Additions	0	0	0	0	0	0	0	0	0	0	0	0
Transfer from ECC Fund	0	0	0	0	0	0	0	0	0	0	0	1 95 66 221
Transfer from Sch-3(a)	0	0	0	0	0	0	0	0	0	0	0	3 18 82 244
Total - (A)	238 06 62 017	3 24 41 568	13 45 185	13 45 185	2 01 77 760	3 32 41 466	1 99 37 253	65 97 677	80 45 745	1 67 17 751	252 05 11 607	227 77 68 025
B.												
Utilisation/Expenditure towards objectives of Funds:												
i) Capital Expenditure	0	0	0	0	0	0	0	0	0	0	0	0
ii) Revenue Expenditure	0	0	0	0	0	0	3 57 080	2 67 554	0	13 85 291	20 09 925	5 92 420
Transferred to Research Park Fund	0	0	0	0	0	0	0	0	0	0	0	1 95 66 221
Total - (B)	0	0	0	0	0	0	3 57 080	2 67 554	0	13 85 291	20 09 925	2 01 58 641
Closing balance at the year end (A-B)	238 06 62 017	3 24 41 568	13 45 185	13 45 185	2 01 77 760	3 32 41 466	1 95 80 173	63 30 123	80 45 745	1 53 32 461	251 85 01 682	225 76 09 384
Represented by												
Cash and Bank Balances *	1 05 963	0	0	0	0	0	46 28 877	11 30 123	80 45 745	1 25 21 931	2 64 32 638	4 13 98 871
Investments	222 78 44 474	3 11 55 781	12 91 386	12 91 386	1 93 70 775	3 23 45 269	1 49 51 296	52 00 000	0	0	233 34 50 367	206 60 16 829
Interest accrued but not due	13 87 07 315	12 85 787	53 799	53 799	8 06 985	8 96 197	0	0	0	0	14 18 03 882	14 38 43 281
TDS Receivable	28 62 149	0	0	0	0	0	0	0	0	0	28 62 149	28 62 149
Receivable from TEQUIP Account	0	0	0	0	0	0	0	0	0	0	0	0
Receivable (R & C Overhead)	1 11 42 116	0	0	0	0	0	0	0	0	27 85 530	1 39 27 646	34 88 254
Receivable - Advance(RMF)	0	0	0	0	0	0	0	0	0	25 000	25 000	0
Total	238 06 62 017	3 24 41 568	13 45 185	13 45 185	2 01 77 760	3 32 41 466	1 95 80 173	63 30 123	80 45 745	1 53 32 461	251 85 01 682	225 76 09 384

* The Bank balances of Research Park Fund and Endowment Fund are represented by Non-Plan Account bank balance.

Note: Based on BoG resolution No 54/FC/2023/14, "Research Park Fund" is created by transferring the fund balances of "ECC Fund" from Sch-2 and "Project & Consultancy Fund from Sch-3(a) in 2022-23

[Signature]
Dy. Registrar (F&A)

[Signature]
Registrar (i/c)



[Signature]
Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 2(HEFA) : SECURED LOANS - HEFA LOAN

	₹	₹
Particulars	2023-24	2022-23
A. HEFA Loan		
a) Opening Balance	24 79 06 714	25 73 60 416
b) Additions during the year	35 45 09 111	6 35 16 298
TOTAL (A)	60 24 15 825	32 08 76 714
B. Repayment during the Year	7 29 70 000	7 29 70 000
Closing balance at the year end (A-B)	52 94 45 825	24 79 06 714

Since the Interest portion on HEFA loan is paid out of GoI Grant received under OH-31, Interest paid/payable is treated as Interest Expenses and the GoI Grant received towards HEFA Loan Interest is treated as Income

Note: Against the Sanctioned Loan of Rs.51.60 Crore in Phase-1, Rs.21.37 Crore in Phase-2 & Rs.76.69 Crore in Phase-3, Detail of Loan Availed, Repaid etc are:

Phase	Financial Year	HEFA Loan availed for Construction work	HEFA Loan availed for Equipment Purchase	Total HEFA Loan Availed for Construction + Equipment	Repayment of HEFA Loan from IRG	Cumulative HEFA Loan Balance	HEFA Loan Interest Paid out of Grant-in-Aid during the year	Interest accrued but not paid as on 31st March
		1	2	3(1+2)	4	5(3-4)	6	
Phase-1	Upto 2022-23	16 30 00 000	17 25 61 714	33 55 61 714	18 06 00 000	15 49 61 714	3 65 90 115	
Phase-1	during 2023-24	0	45 09 111	45 09 111	5 16 00 000	10 78 70 825	91 68 008	
	Phase-1 Total	16 30 00 000	17 70 70 825	34 00 70 825	23 22 00 000	10 78 70 825	4 57 58 123	17 88 630
Phase-2	Upto 2022-23	12 50 00 000	0	12 50 00 000	3 20 55 000	9 29 45 000	48 03 216	
Phase-2	during 2023-24	0	0	0	2 13 70 000	7 15 75 000	50 45 278	
	Phase-2 Total	12 50 00 000	0	12 50 00 000	5 34 25 000	7 15 75 000	98 48 494	9 99 514
Phase-3	Upto 2022-23	0	0	0	0	0	0	
Phase-3	during 2023-24	35 00 00 000	0	35 00 00 000	0	35 00 00 000	5 48 436	
	Phase-3 Total	35 00 00 000	0	35 00 00 000	0	35 00 00 000	5 48 436	29 70 266
All Phases (1+2+3)	Upto 2022-23	28 80 00 000	17 25 61 714	46 05 61 714	21 26 55 000		4 13 93 331	
All Phases (1+2+3)	during 2023-24	35 00 00 000	45 09 111	35 45 09 111	7 29 70 000		1 47 61 722	
	Phase-1+2+3 Total	63 80 00 000	17 70 70 825	81 50 70 825	28 56 25 000	52 94 45 825	5 61 55 053	57 58 410

Dy.Registrar(F&A)

Registrar (i/c)



Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE : 2 (a) ENDOWMENT FUNDS

₹

₹

Sl.No.	Name of the Endowment	Opening Balance on 01-04-2023 As		Additions during the years		Total		Expenditure on the object during the year	Closing Balance As on 31-03-2024		Total
		Endowment	Accumulated Interest	Endowment	Interest	Endowment	Accumulated Interest		Endowment	Accumulated Interest	
1	2	3	4	5	6	7 (3+5)	8 (4+6)	9	10	11	12 (10+11)
1	Dr. Sargurudas Memorial Fund	500	59	0	33	500	92.15	0	500	92	592
2	Kharche Associated Fund	10 000	1 175	0	663	10 000	1,838.43	520	10 000	1 318	11 318
3	Chetterjee Memorial Fund	10 000	1 831	0	663	10 000	2,494.43	0	10 000	2 494	12 494
4	Reunion Fund	44 065	30 584	0	2 921	44 065	33,504.92	0	44 065	33 505	77 570
5	Rajalaxmi Trust Fund	3 000	352	0	199	3 000	550.88	0	3 000	551	3 551
6	Balakumaran Memorial Fund	10 000	667	0	663	10 000	1,329.93	520	10 000	810	10 810
7	Janardhan Iyengar & Seethamma Fund	20 000	1 845	0	1 326	20 000	3,170.85	1 040	20 000	2 131	22 131
8	Prof. S. Muthukaruppan Fund	10 000	667	0	663	10 000	1,329.93	520	10 000	810	10 810
9	Prof. S.H.Ibrahim Endowment Fund	25 000	393	0	1 657	25 000	2,049.81	1 300	25 000	750	25 750
10	Prof.M.Sitaraman Endowment Fund	25 000	2 431	0	1 657	25 000	4,087.81	0	25 000	4 088	29 088
11	Prof.Thirumalai Arasan Mem Fund	25 000	1 666	0	1 657	25 000	3,323.31	1 300	25 000	2 023	27 023
12	Dr. M. Shanmugam Fund	1 25 000	6 392	0	8 285	1 25 000	14,676.57	0	1 25 000	14 677	1 39 677
13	Dr. M. Shanmugam Fund	2 00 000	15 061	0	13 256	2 00 000	28,317.00	20 794	2 00 000	7 523	2 07 523
14	Dr. M. Shanmugam Fund	75 000	3 835	0	4 971	75 000	8,806.00	0	75 000	8 806	83 806
15	Avinash Memorial Endowment Fund	2 00 000	13 337	0	13 256	2 00 000	26,593.00	10 396	2 00 000	16 197	2 16 197
16	Neela Balasubramanian Memorial Award (Dr.B.Sekar)	1 25 000	8 336	0	8 285	1 25 000	16,621.00	6 498	1 25 000	10 123	1 35 123
17	Karthik Memorial Fund(Dr.G.Swaminathan)	50 000	3 335	0	3 314	50 000	6,649.00	2 599	50 000	4 050	54 050
18	Vijayalakshmi Kannan Memorial Fund	15 000	1 000	0	994	15 000	1,994.00	780	15 000	1 214	16 214
19	Dr.Duraisamy Memorial Fund (Dr.TSRajan)	50 000	2 409	0	3 314	50 000	5,723.00	2 409	50 000	3 314	53 314
20	RECAL NITT Fund (Ramesh Swaminathan Memorial Fund)	68 823	40 408	0	4 362	68 823	44,970.00	0	68 823	44 970	1 13 793
21	Ruby & Topaz 84 Batch Endowment Fund	9 52 909	3 48 092	0	63 160	9 52 909	4,11,252.00	30 000	9 52 909	3 81 252	13 34 161
22	Subash Chandrabose Memorial Award	75 000	3 395	0	4 971	75 000	8,366.00	3 395	75 000	4 971	79 971
23	Dr.P.S.Manisundaram Endowment Fund	50 000	0	0	3 314	50 000	3,314.00	2 599	50 000	715	50 715
24	Dr.P.S.Manisundaram Endowment Fund	25 000	0	0	1 657	25 000	1,657.00	1 300	25 000	357	25 357
25	Oisik Adak Memorial Award(Pragyan)	40 000	4 706	0	2 651	40 000	7,357.00	0	40 000	7 357	47 357
26	Oisik Adak Memorial Award(Pragyan)	50 001	5 882	0	3 314	50 001	9,196.00	0	50 001	9 196	59 197
27	Oisik Adak Memorial Award(Pragyan)	2 00 000	20 173	0	13 256	2 00 000	33,429.00	15 075	2 00 000	18 354	2 18 354
28	Dr.J.Raja Memorial Fund	50 000	2 409	0	3 314	50 000	5,723.00	2 409	50 000	3 314	53 314
29	Prof.Joseph Martin Fernando Trophy	50 000	5 043	0	3 314	50 000	8,357.00	2 599	50 000	5 758	55 758
30	S.J. Chainulu Medal of Excellence	4 00 000	30 319	0	26 512	4 00 000	56,831.00	25 990	4 00 000	30 841	4 30 841
31	S.J. Chainulu Medal of Excellence	1 00 000	6 670	0	6 628	1 00 000	13,298.00	0	1 00 000	13 298	1 13 298
32	Prof. K.S. Pandey	1 17 000	7 803	0	7 755	1 17 000	15,558.00	6 082	1 17 000	9 476	1 26 476
33	M/s. Chennai Metco P. Ltd., Chennai	2 00 000	13 339	0	13 256	2 00 000	26,595.00	10 396	2 00 000	16 199	2 16 199
34	Anjali Ammal	15 00 000	58 560	0	99 422	15 00 000	1,57,982.00	58 560	15 00 000	99 422	15 99 422
35	Dr.Joesphine Frank Memorial Scholarship for Graphic Design	0	0	50 000	3 314	50 000	3,314.00	0	50 000	3 314	53 314
	Sub Total	49 01 298	6 42 174	50 000	3 28 177	49 51 298	9 70 351	2 07 081	49 51 298	7 63 270	57 14 568
36	80 BATCH CHAIR FUND	1 00 00 000	34 10 604	0	6 05 000	1 00 00 000	40,15,603.50	1 49 999	1 00 00 000	38 65 605	1 38 65 605
	TOTAL	1 49 01 298	40 52 778	50 000	9 33 177	1 49 51 298	49,85,954.50	3 57 080	1 49 51 298	46 28 875	1 95 80 173

[Signature]
Dy.Registrar(F&A)

[Signature]
Registrar (i/c)



[Signature]
Director
8/9/24



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3: CURRENT LIABILITIES & PROVISIONS

₹

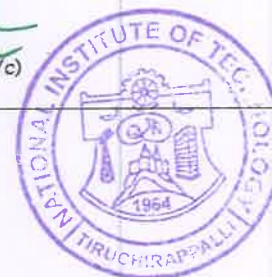
₹

Particulars	Institute	R&C	2023-24	Institute	R&C	2022-23
A. Current Liabilities						
1. Deposits from Staff	0	0	0	0	0	0
2. Deposits from Students	10 65 15 108	0	10 65 15 108	10 39 54 995	0	10 39 54 995
3. Sundry Creditors:-						
a) For Goods & Services	5 47 49 288	0	5 47 49 288	5 14 46 035	0	5 14 46 035
b) Others	8 86 45 863	19 04 896	9 05 50 759	9 36 84 438	37 86 987	9 74 71 425
4. Deposit-Others(including EMD, Security Deposit)	4 92 58 897	35 26 100	5 27 84 997	4 68 23 015	31 85 217	5 00 08 232
5. Statutory Liabilities (GPF, TDS, WC Tax, CPF, GIS, NPS):-						
a) Overdue	0	0	0	0	0	0
b) Others	13 55 136	0	13 55 136	14 67 308	0	14 67 308
6. Other Current Liabilities:-						
a) Salaries	11 15 90 115	0	11 15 90 115	9 19 95 150	0	9 19 95 150
b) Receipts against Sponsored Projects	0	31 00 61 784	31 00 61 784	0	29 36 18 907	29 36 18 907
c) Receipts against Sponsored Fellowships & Scholarships	62 98 316	1 13 82 286	1 76 80 601	60 25 563	1 09 00 678	1 69 26 241
d) Unutilised Grants - Balance available with Insitute	0	0	0	0	0	0
- Balance available with CPWD as Deposits	3 56 00 719	0	3 56 00 719	5 37 93 953		5 37 93 953
e) Grants in Advance	0	0	0	0	0	0
f) Other Funds (a) TEQIP Funds	0	0	0	0	0	0
g) Other Liabilities	5 44 86 746	2 09 30 317	7 54 17 063	6 30 47 967	56 42 614	6 86 90 581
Total (A)	50 85 00 187	34 78 05 383	85 63 05 570	51 22 38 424	31 71 34 403	82 93 72 827
B. Provisions						
1. For Taxation	0	0	0	0	0	0
2. Gratuity	46 13 35 493	0	46 13 35 493	36 33 79 796	0	36 33 79 796
3. Superannuation/Pension	506 33 79 303	0	506 33 79 303	453 72 64 418	0	453 72 64 418
4. Accumulated Leave Encashment	77 36 20 825	0	77 36 20 825	68 38 35 475	0	68 38 35 475
6. Trade Warranties/Claims	0	0	0	0	0	0
7. Others - HEFA Loan Interest accrued	57 58 410	0	57 58 410	46 76 807	0	46 76 807
- Audit Fees	1 45 820	0	1 45 820	0	0	0
Total (B)	630 42 39 851	0	630 42 39 851	558 91 56 496	0	558 91 56 496
Total (A+B)	681 27 40 038	34 78 05 383	716 05 45 421	610 13 94 920	31 71 34 403	641 85 29 323

Note: * Rs.567.76 Crore - Provision for liability towards Retirement Benefits as per Actuarial Valuation has been created in FY 2021-22 and exhibited in Schedule-3 by debiting the Income & Expenditure Account Schedule-15A. Till FY 2020-21 such provision required was being disclosed under Notes on Accounts only. As on 31.03.2024 the Provision for liability towards Retirement Benefit as per Actuarial Valuation Rs.629.83 Crore is provided.

[Signature]
Dy.Registrar(F&A)

[Signature]
Registrar (i/c)



[Signature]
Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3 (a): SPONSORED PROJECTS

Sl.No.	Name of the Project	Opening Balance As on 01-04-2023		Receipts / Recoveries during the year			Total	Expenditure during the year			Closing Balance As on 31-03-2024	
		Credit	Debit	Receipt	Interest	Receipt+Interest		Project Expenditure	Interest Paid to Funding Agency	Total Expenditure	Credit	Debit
1	2	3	4	(a)	(b)	5 (a+b)	6	7	8	9(7+8)	10 (6-7-8-9)	
1	DST, New Delhi	3 28 78 168	0	86 10 008	18 45 731	1 04 55 739	4 33 33 907	1 80 59 439	3 32 793	1 83 92 232	2 49 41 675	0
2	CSIR, New Delhi	29 89 169	0	7 79 367	1 67 655	9 47 022	39 36 191	21 76 538	21 523	21 98 061	17 38 130	0
3	UGC/AICTE, New Delhi	14 93 457	0	0	66 441	66 441	15 59 898	0	0	0	15 59 898	0
4	DRDO & Defence Research Laboratories	2 49 62 310	0	40 38 711	12 90 201	53 28 912	3 02 91 222	1 54 71 707	4 79 110	1 59 50 817	1 43 40 405	0
5	ISRO-STIC	9 95 770	0	50 49 914	2 68 961	53 18 875	63 14 645	42 34 749	1 17 819	43 52 568	19 62 077	0
6	MHRD & MHRD (SCSP/TSP/PWD)	52 24 148	0	0	2 32 413	2 32 413	54 56 560	0	0	0	54 56 560	0
7	MHRD-GIAN	3 41 317	0	0	15 185	15 185	3 56 501	0	0	0	3 56 501	0
8	SERB, New Delhi	3 63 35 620	0	3 91 69 510	33 59 081	4 25 28 591	7 88 64 211	3 35 39 468	6 04 244	3 41 43 712	4 47 20 499	0
9	SPARC	33 50 225	0	15 00 000	2 15 777	17 15 777	50 66 002	42 95 592	0	42 95 592	7 70 410	0
10	Miscellaneous Projects	6 62 90 242	0	2 25 88 565	39 54 051	2 65 42 616	9 28 32 857	1 62 33 424	44 033	1 62 77 457	7 65 55 401	0
11	MEITY	26 25 587	0	1 24 952	1 22 366	2 47 318	28 72 905	15 04 110	1 37 382	16 41 492	12 31 413	0
12	L & T - CTM	3 18 90 433	0	0	14 18 745	14 18 745	3 33 09 179	22 71 964	0	22 71 964	3 10 37 215	0
13	TAT/MODROB Projects (in R&C Books)	47 03 642	0	0	2 09 256	2 09 256	49 12 898	0	0	0	49 12 898	0
14	HACKATHON	41 908	0	0	1 864	1 864	43 773	0	0	0	43 773	0
	Sub Total 1 (R&C-Projects)	21 41 21 995	0	8 18 61 027	1 31 67 728	9 50 28 755	30 91 50 749	9 77 86 991	17 36 904	9 95 23 895	20 96 26 854	0
15	Conference Consultancy	71 43 753	0	36 16 144	0	36 16 144	1 07 59 897	98 86 003	0	98 86 003	8 73 895	0
16	ECC (Engineering Consultancy Centre)	7 23 53 159	0	6 56 88 462	0	6 56 88 462	13 80 41 621	3 84 80 586	0	3 84 80 586	9 95 61 035	0
	Sub Total 2 (R&C-Services)	7 94 96 912	0	6 93 04 606	0	6 93 04 606	14 88 01 519	4 83 66 589	0	4 83 66 589	10 04 34 930	0
	R&C Total (1)+(2)	29 36 18 907	0	15 11 65 633	1 31 67 728	16 43 33 361	45 79 52 268	14 61 53 580	17 36 904	14 78 90 484	31 00 61 784	0
17	MOOCs Projects	0	0	0	0	0	0	0	0	0	0	0
	Grand Total	29 36 18 907	0	15 11 65 633	1 31 67 728	16 43 33 361	45 79 52 268	14 61 53 580	17 36 904	14 78 90 484	31 00 61 784	0

Dy.Registrar (R&C)

Registrar (I/C)

Director
8/9/24





National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 3 (b): SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

₹							
Sl. No.	Name of Sponsor	Opening Balance As on 01.04.2024		Tansactions During the year		Closing Balance As on 31.03.2024	
		CR	DR	CR	DR	CR	DR
1	2	3	4	5	6	7	8
1	University Grants Commission	0	0	0	0	0	0
2	Ministry.....	0	0	0	0	0	0
3	Others (Specify individually):-						
	a) R & C Fellowships	1 09 00 678	0	4 84 951	3 343	1 13 82 286	0
	b) State scholarships	39 85 747	0	9 99 751	7 26 999	42 58 500	0
	b) PMRF	0	0	3 00 57 089	3 00 57 089	0	0
	c) QIP Fellowships	20 39 816	0	0	0	20 39 816	0
	TOTAL	1 69 26 241	0	3 15 41 791	3 07 87 431	1 76 80 601	0

Dy.Registrar(F&A)

Registrar (i/c)



Director
8/9/24



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3 (c1): UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

	₹	₹
Particulars	2023-24	2022-23
A. Capital Grants : Government of India, MoE		
Balance B/F	5 37 93 953	0
Add : Receipts during the year	20 54 99 669	26 77 98 169
Total (a)	25 92 93 622	26 77 98 169
Less Refunds		
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	22 36 92 903	21 40 04 216
Total (b)	22 36 92 903	21 40 04 216
Unutilized carried forward (a-b) (available with CPWD as Deposits)	3 56 00 719	5 37 93 953
B. UGC Grants : Plan		
Balance B/F	0	0
Add : Receipts during the year	0	0
Total (c)	0	0
Less Refunds		
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	0	0
Total (d)	0	0
Unutilized carried forward (c-d)	0	0
C. Govt. of India, MoE Grants: Revenue		
Balance B/F	0	0
Add : Receipts during the year (Grant)	233 57 61 722	201 90 61 844
Total (e)	233 57 61 722	201 90 61 844
Less : Surplus IRG of earlier years transfer to Capital Fund, if any	0	0
Less : Utilized for Revenue Expenditure	233 57 61 722	201 90 61 844
Less : Utilized for Capital Expenditure	0	0
Total (f)	233 57 61 722	201 90 61 844
Unutilized carried forward (e-f)	0	0
D. Plan Grants : Government of India		
Balance B/F	0	0
Add : Receipts during the year	0	0
Total (g)	0	0
Less Refunds		
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	0	0
Total (h)	0	0
Unutilized carried forward (g-h)	0	0
* GRAND TOTAL (A+B+C+D)	3 56 00 719	5 37 93 953
* Balance available with CPWD as Deposits out of the above Total	3 56 00 719	5 37 93 953

H. Sankar
Dy.Registrar(F&A)

N. Dhan
Registrar (i/c)



Shub
Director
29/9/24



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3 (c2): UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS - OBJECT HEADWISE & IRG

Particulars	2023-24	2022-23
A. Capital Grants : Government of India, MoE (OH-35):		
Balance B/F	5 37 93 953	0
Add : Receipts during the year	20 54 99 669	26 77 98 169
Total (a)	25 92 93 622	26 77 98 169
Less Refunds	0	0
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	22 36 92 903	21 40 04 216
Total (b)	22 36 92 903	21 40 04 216
Unutilized carried forward (a-b) (OH-35)-(available with CPWD)	3 56 00 719	5 37 93 953
B. Govt. of India, MoE Grants : Revenue (OH-36):		
Balance B/F	0	0
Add : Receipts during the year (Grant)	122 61 00 000	111 52 53 007
Total (c)	122 61 00 000	111 52 53 007
Less : Utilized for Revenue Expenditure (OH-36 Actual Bookings)	123 27 37 729	111 66 09 405
Less : Utilized for Capital Expenditure	0	0
Total (d)	123 27 37 729	111 66 09 405
Unutilized carried forward (c-d) (OH 36)	- 66 37 729	- 13 56 398
Deficit balance adjusted in IRG (excluding Actuary Provision for Ret.Benefits)	66 37 729	13 56 398
Unutilized carried forward (OH-36)	0	0
C. Govt. of India, MoE Grants: Revenue (OH-31):		
Balance B/F	0	0
Add : Receipts during the year (Grant)	110 96 61 722	90 38 08 837
Total (e)	110 96 61 722	90 38 08 837
Less : Surplus IRG transfer to Capital Fund, if any	0	0
Less : Utilized for Revenue Expenditure (OH-31 Actual Bookings)	117 24 86 739	106 03 52 247
Less : Utilized for Capital Expenditure	0	0
Total (f)	117 24 86 739	106 03 52 247
Unutilized carried forward (e-f) (OH 31)	-6 28 25 017	-15 65 43 410
Deficit balance adjusted in IRG (excluding Actuary Provision for Ret.Benefits)	6 28 25 017	15 65 43 410
Unutilized carried forward	0	0
Total of Unutilized Grant (OH 35,36 & 31) (CPWD Deposit Balance: Rs.3,56,00719)	3 56 00 719	5 37 93 953
Total of Deficit balance adjusted in IRG (OH 36 & 31 excl. Actuary Provision)	6 94 62 746	15 78 99 808
D. IRG Account:		
IRG Receipts during the year (x)	112 15 57 068	104 43 85 605
Deficit balance under OH-31 an OH-36 adjusted in IRG (excluding Actuary Provision) (i)	6 94 62 746	15 78 99 808
Change in Provision for Actuary Valuation in Retirement Benefits (ii)	71 14 25 322	-9 66 67 509
Net Deficit in OH-31 & OH-36 (Including Actuary Provision for OH-31 & OH-36) (i)+(ii)	78 08 88 068	6 12 32 299
IRG Utilization during the year:		
Net Deficit in OH-31 & OH-36 as above (Including Actuary Provision) as above	78 08 88 068	6 12 32 299
Utilized for Capital Expenditure-CPWD	60 00 00 000	64 10 200
Utilized for Capital Expenditure HEFA Loan Repayment	7 29 70 000	7 29 70 000
Utilized for Capital Expenditure(Asset Purchase)	5 91 94 773	2 69 42 172
Transfer to Corpus Fund	10 11 00 000	8 93 00 000
Total IRG Utilization during the year (including Actuary Provision) (y)	102 01 52 841	25 68 54 671
Surplus IRG (Excluding Depreciation) (x)-(y)	10 14 04 227	78 75 30 934
Less: Depreciation for the year	30 62 66 842	28 60 21 786
Balance Being Surplus/ Deficit Carried to Capital Fund (as per I&E)	-20 48 62 615	50 15 09 148

[Signature]
Dy. Registrar (F&A)

[Signature]
Registrar (F&A)

[Signature]
Director





National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 4: FIXED ASSETS

Sl.No.	Assets Heads	Gross Block				Depreciation for the year 2023-24				Net Block	
		Op Balance 01.04.2023	Additions	Deductions	Cl Balance 31-03-2024	Dep Opening Balance	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31-03-2024	31-03-2023
1	Land	47 09 795	0	0	47 09 795	0	0	0	0	47 09 795	47 09 795
2	Site Development	0	19 08 896	0	19 08 896	0	0	0	0	19 08 896	0
3	Buildings	329 60 65 324	18 54 98 323	0	348 15 63 647	68 12 09 622	6 96 31 273	0	75 08 40 895	273 07 22 752	261 48 55 702
4	Roads & Bridges	4 67 95 899	0	0	4 67 95 899	74 23 619	9 35 917	0	83 59 536	3 84 36 363	3 93 72 280
5	Tubewells & Water Supply	4 99 27 928	3 84 194	0	5 03 12 122	84 48 977	10 06 241	0	94 55 218	4 08 56 904	4 14 78 951
6	Sewage & Drainage	7 73 19 450	0	0	7 73 19 450	1 16 74 263	15 46 390	0	1 32 20 653	6 40 98 797	6 56 45 187
7	Electrical Installation and Equipment	37 73 06 218	68 34 410	0	38 41 40 628	14 61 20 009	1 91 36 403	0	16 52 56 412	21 88 84 216	23 11 86 209
8	Plant & Machinery	11 54 66 764	18 33 295	0	11 73 00 059	4 05 50 995	58 65 002	0	4 64 15 997	7 08 84 062	7 49 15 769
9	Scientific & Laboratory Equipments	212 89 54 489	6 59 08 713	0	219 48 63 202	142 75 81 823	12 63 27 405	0	155 39 09 228	64 09 53 974	70 13 72 666
10	Office Equipments	7 51 24 547	20 72 079	0	7 71 96 626	6 25 05 143	32 46 443	0	6 57 51 586	1 14 45 040	1 26 19 404
11	Audio Visual Equipments	3 14 07 123	52 48 699	0	3 66 55 822	1 08 59 917	26 96 563	0	1 35 56 480	2 30 99 342	2 05 47 206
12	Computers & Peripherals	43 61 29 956	3 92 80 990	0	47 54 10 946	37 48 65 919	3 18 37 583	0	40 67 03 502	6 87 07 444	6 12 64 037
13	Furniture, Fixtures & Fittings	19 28 27 046	2 01 39 923	0	21 29 66 969	12 52 63 115	1 31 10 417	0	13 83 73 532	7 45 93 437	6 75 63 931
14	Vehicles	1 47 79 668	0	0	1 47 79 668	1 17 26 494	10 16 202	0	1 27 42 696	20 36 972	30 53 174
15	Lib.Books & Scientific Journals	6 61 40 871	1 75 03 001	0	8 36 43 872	5 42 45 530	45 57 191	0	5 88 02 721	2 48 41 151	1 18 95 341
16	Small Value Assets	1 09 559	2 89 238	0	3 98 797	1 09 559	2 89 238	0	3 98 797	0	0
	Total (A)	691 30 64 637	34 69 01 761	0	725 99 66 398	296 25 84 985	28 12 02 268	0	324 37 87 253	401 61 79 145	395 04 79 652
17	Capital Work in Progress (B)	109 34 91 277	56 92 51 598	18 09 40 683	148 18 02 192	0	0	0	0	148 18 02 192	109 34 91 277
Sl.No.	Intangible Assets	Op Balance 01.04.2023	Additions	Deductions	Cl Balance 31-03-2024	Total Amortization	Amortization for the year	Deductions/ Adjustment	Total Amortization	31-03-2024	31-03-2023
18	Computer Software(Incl. SIEMENS)*	100 77 78 540	90 82 053	0	101 68 60 593	99 86 07 393	1 07 84 125	0	100 93 91 518	74 69 075	91 71 147
19	E-Journals	5 26 16 685	3 48 93 557	0	8 75 10 242	5 19 40 426	1 46 03 335	0	6 65 43 761	2 09 66 481	6 76 259
20	Patents	75 48 165	1 00 080	0	76 48 245	28 85 077	8 49 806	0	37 34 883	39 13 362	46 63 088
21	SIEMENS' IP	5 14 88 606	0	0	5 14 88 606	2 86 04 780	57 20 956	0	3 43 25 736	1 71 62 870	2 28 83 826
	Total (C)	111 94 31 996	4 40 75 690	0	116 35 07 686	108 20 37 676	3 19 58 222	0	111 39 95 898	4 95 11 788	3 73 94 320
	Grand Total (A+B+C)	912 59 87 910	96 02 29 049	18 09 40 683	990 52 76 276	404 46 22 661	31 31 60 490	0	435 77 83 151	554 74 93 125	508 13 65 249

Note:

The figure in column 'Deductions' under Gross Block against head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year.

The figure in column 'Additions' during the year under Gross Block against Assets 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.

* Scientific & Laboratory Equipments Depreciation includes SIEMENS Assets Depreciation for the Year of Rs.68,93,648/-

(Signature)
Dy.Registrar(F&A)

(Signature)
Registrar (i/c)



(Signature)
Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 4(a): FIXED ASSETS - Capital Grant & IRG

Sl.No.	Assets Heads	Gross Block				Depreciation for the year 2023-24				Net Block	
		Op Balance 01.04.2023	Additions	Deductions	Cl Balance 31-03-2024	Dep Opening Balance	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31-03-2024	31-03-2023
1	Land	47 09 795	0	0	47 09 795	0	0	0	0	47 09 795	47 09 795
2	Site Development	0	19 08 896	0	19 08 896	0	0	0	0	19 08 896	0
3	Buildings	329 60 65 324	18 54 98 323	0	348 15 63 647	68 12 09 622	6 96 31 273	0	75 08 40 895	273 07 22 752	261 48 55 702
4	Roads & Bridges	4 67 95 899	0	0	4 67 95 899	74 23 619	9 35 917	0	83 59 536	3 84 36 363	3 93 72 280
5	Tubewells & Water Supply	4 99 27 928	3 84 194	0	5 03 12 122	84 48 977	10 06 241	0	94 55 218	4 08 56 904	4 14 78 951
6	Sewage & Drainage	7 73 19 450	0	0	7 73 19 450	1 16 74 263	15 46 390	0	1 32 20 653	6 40 98 797	6 56 45 187
7	Electrical Installation and Equipment	37 72 34 188	68 34 410	0	38 40 68 598	14 60 98 397	1 91 32 801	0	16 52 31 198	21 88 37 400	23 11 35 791
8	Plant & Machinery	11 52 98 614	18 33 295	0	11 71 31 909	4 05 17 363	58 56 594	0	4 63 73 957	7 07 57 952	7 47 81 251
9	Scientific & Laboratory Equipments	203 09 83 194	6 59 08 713	0	209 68 91 907	138 68 76 761	11 84 89 701	0	150 53 66 462	59 15 25 445	64 41 06 433
10	Office Equipments	7 51 24 547	20 72 079	0	7 71 96 626	6 25 05 143	32 46 443	0	6 57 51 586	1 14 45 040	1 26 19 404
11	Audio Visual Equipments	3 13 11 564	52 48 699	0	3 65 60 263	1 08 16 915	26 89 396	0	1 35 06 311	2 30 53 952	2 04 94 649
12	Computers & Peripherals	43 56 87 965	3 92 80 990	0	47 49 68 955	37 43 77 267	3 18 84 244	0	40 62 61 511	6 87 07 444	6 13 10 698
13	Furniture, Fixtures & Fittings	19 26 39 046	2 01 39 923	0	21 27 78 969	12 51 64 415	1 30 96 317	0	13 82 60 732	7 45 18 237	6 74 74 631
14	Vehicles	1 47 34 008	0	0	1 47 34 008	1 16 99 098	10 11 636	0	1 27 10 734	20 23 274	30 34 910
15	Lib.Books & Scientific Journals	6 61 40 871	1 75 03 001	0	8 36 43 872	5 42 45 530	45 57 191	0	5 88 02 721	2 48 41 151	1 18 95 341
16	Small Value Assets	1 09 559	2 89 238	0	3 98 797	1 09 559	2 89 238	0	3 98 797	0	0
Total (A)		681 40 81 952	34 69 01 761	0	716 09 83 713	292 11 66 929	27 33 73 382	0	319 45 40 311	396 64 43 402	389 29 15 023
17	Capital Work in Progress (B)	109 34 91 277	56 92 51 598	18 09 40 683	148 18 02 192	0	0	0	0	148 18 02 192	109 34 91 277
Sl.No.	Intangible Assets	Op Balance 01.04.2023	Additions	Deductions	Cl Balance 31-03-2024	Amortized Op Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization	31-03-2024	31-03-2023
18	Computer Software	16 85 61 267	90 82 053	0	17 76 43 320	15 93 90 120	1 07 84 125	0	17 01 74 245	74 69 075	91 71 147
19	E-Journals	5 26 16 685	3 48 93 557	0	8 75 10 242	5 19 40 426	1 46 03 335	0	6 65 43 761	2 09 66 481	6 76 259
20	Patents	75 48 165	1 00 080	0	76 48 245	28 85 077	8 49 806	0	37 34 883	39 13 362	46 63 088
21	SIEMENS' IP	5 14 88 606	0	0	5 14 88 606	2 86 04 780	57 20 956	0	3 43 25 736	1 71 62 870	2 28 83 826
Total (C)		28 02 14 723	4 40 75 690	0	32 42 90 413	24 28 20 403	3 19 58 222	0	27 47 78 625	4 95 11 788	3 73 94 320
Grand Total (A+B+C)		818 77 87 952	96 02 29 049	18 09 40 683	896 70 76 318	316 39 87 332	30 53 31 604	0	346 93 18 936	549 77 57 382	502 38 00 620

Note:

The figure in column 'Deductions' under Gross Block against head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year.

The figure in column 'Additions' during the year under Gross Block against Assets 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.

[Signature]
Dy.Registrar(F&A)

[Signature]
Registrar (i/c)



[Signature]
Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 4 (b): FIXED ASSETS-OTHERS (Sponsored Projects)

Sl.No.	Assets Heads	Gross Block				Depreciation for the year 2023-24				Net Block	
		Op Balance	Additions	Deductions	Cl Balance	Dep Opening	Depreciation	Deductions/	Total	31-03-2024	31-03-2023
		01.04.2023			31-03-2024	Balance	for the year	Adjustment	Depreciation		
1	Land	0	0	0	0	0	0	0	0	0	0
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	0	0	0	0	0	0	0	0	0	0
4	Roads & Bridges	0	0	0	0	0	0	0	0	0	0
5	Tubewells & Water Supply	0	0	0	0	0	0	0	0	0	0
6	Sewage & Drainage	0	0	0	0	0	0	0	0	0	0
7	Electrical Installation and Equipment	72 030	0	0	72 030	21 612	3 602	0	25 214	46 816	50 418
8	Plant & Machinery	1 68 150	0	0	1 68 150	33 632	8 408	0	42 040	1 26 110	1 34 518
9	Scientific & Laboratory Equipments	9 79 71 295	0	0	9 79 71 295	4 07 05 062	78 37 704	0	4 85 42 766	4 94 28 529	5 72 66 233
10	Office Equipments	0	0	0	0	0	0	0	0	0	0
11	Audio Visual Equipments	95 559	0	0	95 559	43 002	7 167	0	50 169	45 390	52 557
12	Computers & Peripherals	4 41 991	0	0	4 41 991	4 88 652	- 46 661	0	4 41 991	0	- 46 661
13	Furniture, Fixtures & Fittings	1 88 000	0	0	1 88 000	98 700	14 100	0	1 12 800	75 200	89 300
14	Vehicles	45 660	0	0	45 660	27 396	4 566	0	31 962	13 698	18 264
15	Lib.Books & Scientific Journals	0	0	0	0	0	0	0	0	0	0
16	Small Value Assets	0	0	0	0	0	0	0	0	0	0
	Total (A)	9 89 82 685	0	0	9 89 82 685	4 14 18 056	78 28 886	0	4 92 46 942	4 97 35 743	5 75 64 629
17	Capital Work in Progress (B)	0	0	0	0	0	0	0	0	0	0
Sl.No.	Intangible Assets	Op Balance	Additions	Deductions	Cl Balance	Amort. Op	Amorti. for	Deductions/	Total	31-03-2024	31-03-2023
		01.04.2023			31-03-2024	Balance	the year	Adjustment	Amortization		
18	Computer Software (SIEMENS)	83 92 17 273	0	0	83 92 17 273	83 92 17 273	0	0	83 92 17 273	0	0
19	E-Journals	0	0	0	0	0	0	0	0	0	0
20	Patents	0	0	0	0	0	0	0	0	0	0
21	SIEMENS' IP	0	0	0	0	0	0	0	0	0	0
	Total (C)	83 92 17 273	0	0	83 92 17 273	83 92 17 273	0	0	83 92 17 273	0	0
	Grand Total (A+B+C)	93 81 99 958	0	0	93 81 99 958	88 06 35 329	78 28 886	0	88 84 64 215	4 97 35 743	5 75 64 629

[Signature]
Dy.Registrar(F&A)

N. Dm
Registrar (i/c)



[Signature]
Director



National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 5 : INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

		₹	₹
Sl. No.	Particulars	2023-24	2022-23
1	In Central Government Securities	0	0
2	In State Government Securities	0	0
3	Other approved Securites	0	0
4	Shares	0	0
5	Debentures and Bonds	0	0
6	Term Deposits with Banks	233 34 50 367	206 60 16 829
7	Others (to be specified)	0	0
	Total	233 34 50 367	206 60 16 829

Dy.Registrar(F&A)

Registrar (i/c)

Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 5 (a): INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (FUND WISE)

₹				₹
Sl.No.	Particulars	2023-24	2022-23	
1	Corpus Fund Investments	222 78 44 474	197 81 57 642	
2	Staff Development Fund Investments	3 11 55 781	2 88 69 221	
3	Maintenance Fund Investments	12 91 386	12 06 288	
4	Depreciation Fund Investments	12 91 386	12 06 288	
5	Student Welfare Fund Investments	1 93 70 775	1 80 94 305	
6	Research Park Fund (it was as ECC Fund in 2021-22)	3 23 45 269	1 83 81 788	
7	Endowment Fund/80Batch Investments	1 49 51 296	1 49 01 297	
8	AIIC Fund Investments	52 00 000	52 00 000	
Total		233 34 50 367	206 60 16 829	


Dy.Registrar(F&A)


Registrar (i/c)


Director





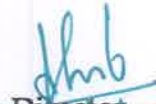
National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 6 : INVESTMENTS - OTHERS

₹				₹
Sl.No.	Particulars	2023-24	2022-23	
1	In Central Government Securities	0	0	
2	In State Government Securities	0	0	
3	Other approved Securites	0	0	
4	Shares	0	0	
5	Debentures and Bonds	0	0	
6	Others (to be specified)	0	0	
	Total	0	0	


Dy.Registrar(F&A)


Registrar (i/c)


Director
24/9/24





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 7 : CURRENT ASSETS

₹				₹		
Particulars	Institute	R&C	2023-24	Institute	R&C	2022-23
1. Stock						
a) Stores and Spares	0	0	0	0	0	0
b) Loose Tools	0	0	0	0	0	0
c) Publications	0	0	0	0	0	0
d) Laboratory chemicals, Consumables and glass ware	0	0	0	0	0	0
e) Building Material	0	0	0	0	0	0
f) Electrical Material	0	0	0	0	0	0
g) Stationery	0	0	0	0	0	0
h) Water supply Materials	0	0	0	0	0	0
2. Sundry Debtors						
a) Debts Outstanding for a period of exceeding six months	0	0	0	0	0	0
b) Others	2 34 53 555	0	2 34 53 555	10 91 92 419	0	10 91 92 419
3. Cash and bank Balances (including Stamp on Hand)						
Stamp on Hand :	1 84 874	0	1 84 874	1 63 313	0	1 63 313
a) With Scheduled Banks:-						
- In Current Accounts	78 21 915	78 76 567	1 56 98 482	64 11 562	1 27 86 368	1 91 97 930
- In Term Deposit Accounts	327 55 46 771	17 72 29 181	345 27 75 952	237 13 62 101	16 69 91 760	253 83 53 861
- In Savings Accounts	14 83 61 098	17 58 08 295	32 41 69 393	21 84 60 617	15 02 96 403	36 87 57 020
b) With Non-Scheduled Banks:-						
- In Term Deposit Accounts	0	0	0	0	0	0
- In Savings Accounts	0	0	0	0	0	0
4. Post Office-Savings Accounts	0	0	0	0	0	0
Total	345 53 68 214	36 09 14 043	381 62 82 257	270 55 90 012	33 00 74 532	303 56 64 544

Dy.Registrar(F&A)

Registrar (i/c)

Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 7 : ANNEXURE A

Sl.No	Head of Account	Name of the Bank	A/C - No.	Institute	R&C	Amount as on 31-03-2024
	I. Savings Bank Account					
1	PLAN Account	SBI, NITT	10023882957	12 96 09 152	0	12 96 09 152
2	NON PLAN Account	SBI, NITT	10023882946	1 79 11 271	0	1 79 11 271
3	CANARA Bank Account	Canara Bank	1285101036127	2 68 330	0	2 68 330
4	CORPUS and Other Funds Account	SBI, NITT	10023883097	1 05 963	0	1 05 963
5	SCHOLARSHIPS Account	SBI, NITT	10023883019	4 51 641	0	4 51 641
6	HP Account (Balance & Demand Remittance A/c)	SBI, NITT	30165680347	14 742	0	14 742
7	TEQIP Account	SBI, NITT	10023883008 (closed)	0	0	0
8	ECC Account	SBI, NITT	10023883064	0	5 94 63 412	5 94 63 412
9	ICSR Account	SBI, NITT	40853514994	0	80 45 745	80 45 745
10	Research & Development Funds (Project)	SBI, NITT	10023883042	0	3 46 62 650	3 46 62 650
11	Research Management Fund(1)	SBI, NITT	33076404999	0	1 01 17 056	1 01 17 056
12	Research Management Fund(2)	SBI, NITT	41736849805	0	24 04 876	24 04 876
13	SERB Account	SBI, NITT	39350593762	0	3 75 06 939	3 75 06 939
14	ISRO-STIC Account	SBI, NITT	39350595374	0	60 85 836	60 85 836
15	CSIR Account	SBI, NITT	40853222118	0	2 98 036	2 98 036
16	SPARC Account	SBI, NITT	40853517112	0	32 75 898	32 75 898
17	DEFENCE Account	SBI, NITT	40853517837	0	83 35 730	83 35 730
18	DST Account	SBI, NITT	40853517485	0	55 63 780	55 63 780
19	UGC Account	SBI, NITT	40853516720	0	48 341	48 341
	I. Savings Bank Account Total			14 83 61 098	17 58 08 295	32 41 69 393
	II. Current Account					
1	Service Tax Account	SBI, NITT	34837295014	0	70 02 672	70 02 672
2	Conference Consultancy Account	SBI, NITT	38322028974	0	8 73 895	8 73 895
3	SERB Current Account	SBI, NITT	38861623683 (SB A/c closed)	0	0	0
4	Student Fee Account	SBI, NITT	35821815354	10 000	0	10 000
5	Foreign Exchange Transactions Account	SBI, NITT	10891414445	16 61 809	0	16 61 809
6	ICICI Bank Account	ICICI		6 74 371	0	6 74 371
7	EIGHTY BATCH CHAIR FUND Account	SBI, NITT	36736417068	58 65 605	0	58 65 605
8	PG Fees Account	SBI, NITT	38127411825	1 00 327	0	1 00 327
9	Other Fees Account	SBI, NITT	38127412035	14 110	0	14 110
10	Canara Bank Escrow Principal Account	Canara Bank	3314201000215	3 65 570	0	3 65 570
11	Canara Bank Escrow Interest Account	Canara Bank	3314201000216	0	0	0
12	PFMS - TSA (RBI Assignment A/c)	RBI	10681401001	0	0	0
13	Canara Bank (PMRF A/c)	Canara Bank	110049570885	0	0	0
14	NITT NMIECT	ICICI	400401000533	0	0	0
15	AIIC Account	SBI, NITT	37836124626	11 30 123	0	11 30 123
	II. Current Account Total			78 21 915	78 76 567	1 56 98 482
	III. Term Deposits with Schedule Banks					
1	IRG Deposits (in Plan a/c)	SBI, NITT	TDR	6 00 00 000	0	6 00 00 000
2	IRG Deposits (in Canara Bank Escrow Principal a/c)	Canara Bank	TDR	8 25 00 679	0	8 25 00 679
3	IRG Deposits (in Canara Bank a/c)	Canara Bank	TDR	41 28 76 492	0	41 28 76 492
4	IRG Deposits (in PG Fee a/c)	Canara Bank	TDR	48 87 54 000	0	48 87 54 000
5	IRG Deposits (in Non-Plan A/c including Rs.25000 BG)	SBI, NITT	TDR	211 51 70 520	0	211 51 70 520
6	IRG-PG Fees Account Deposits (MOD)	SBI, NITT	MOD	11 24 45 080	0	11 24 45 080
7	Scholarship TDR Account	SBI, NITT	TDR	38 00 000	0	38 00 000
8	R & C Funds TDR	SBI, NITT	TDR	0	13 95 35 121	13 95 35 121
9	ECC Funds TDR	SBI, NITT	TDR	0	3 76 94 060	3 76 94 060
	Term Deposits with Schedule Banks Total			327 55 46 771	17 72 29 181	296 02 21 952
	Grand Total			343 17 29 784	36 09 14 043	330 00 89 827

[Signature]
Dy.Registrar(P&A)

[Signature]
Registrar (i/c)



[Signature]
Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 8 : LOANS, ADVANCES & DEPOSITS

			₹		₹	
Particulars	Institute	R&C	2023-24	Institute	R&C	2022-23
1. Advance to Employees (Non-Interest Bearing)						
a) Salary	0	0	0	0	0	0
b) Festival	4 050	0	4 050	4 050	0	4 050
c) LTC	0	0	0	0	0	0
d) Medical Advance	77 987	0	77 987	2 18 976	0	2 18 976
e) Other (to be specified)-Cycle Advance	626	0	626	626	0	626
2. Long Term Advance to Employees (Interest Bearing) :						
a) Vehicles Loan	8 31 000	0	8 31 000	9 81 810	0	9 81 810
b) Home Loan	0	0	0	0	0	0
c) Other (to be specified)-Computer Loan	8 99 793	0	8 99 793	11 77 792	0	11 77 792
3. Advances and Other amount recoverable in Cash or in kind or for Value to be received:						
a) On Capital Account- Deposits with CPWD @	26 73 19 305	0	26 73 19 305	41 36 73 307	0	41 36 73 307
b) To Suppliers	5 11 590	0	5 11 590	7 32 009	0	7 32 009
c) Other (to be specified)-Contingency - Institute and R&C	4 46 881	5 10 091	9 56 972	10 71 147	6 84 399	17 55 546
4. Prepaid Expenses						
a) Insurance	26 88 696	0	26 88 696	27 29 649	0	27 29 649
b) Other Expenses	82 19 660	0	82 19 660	1 36 55 911	0	1 36 55 911
5. Deposits						
a) Telephone	1 03 079	0	1 03 079	1 03 079	0	1 03 079
b) Lease Rent	0	0	0	0	0	0
c) Electricity	1 64 26 939	0	1 64 26 939	88 17 949	0	88 17 949
d) AICTE, if applicable	0	0	0	0	0	0
f) Others (to be specified)	0	0	0	0	0	0
6. Income Accrued:						
a) On Investments from Earmarked/Endowment Funds	14 18 03 882	0	14 18 03 882	14 38 43 281	0	14 38 43 281
b) On Investment Others	11 16 02 269	60 16 757	11 76 19 026	5 49 25 438	51 59 906	6 00 85 344
c) On Loans and Advances	0	0	0	0	0	0
d) Others (includes income due unrealized)	0	0	0	0	0	0
7. Other-Current Assets receivable from UGC/Sponsored Projects						
a) Debit Balances in Sponsored Projects	0	0	0	0	0	0
b) Debit Balances in Fellowship & Scholarship(QIP)	0	0	0	0	0	0
c) Grants Receivables	0	0	0	0	0	0
d) Other Receivables	1 12 20 152	30 17 837	1 42 37 989	28 68 639	6 97 651	35 66 290
8. Claims Receivables (IT TDS)	30 37 464	7 24 860	37 62 324	30 22 646	7 24 860	37 47 506
Total	56 51 93 373	1 02 69 545	57 54 62 918	64 78 26 309	72 66 816	65 50 93 125

@ Note: In Form-65 (March 2023) of CPWD an amount of Rs.3,02,97,750/- is shown as payable by NITT to CPWD in connection with an Arbitration case for which NITT has filed a Money Suit on CPWD in January 2023. Against a cancelled Solar Project Balance amount payable by CPWD is Rs 1,38,75,058 which is not appearing in their form-65. For this Rs 1,38,75,058/- vide letter No.24(1)/2022-23/295 dated 06-07-2022 CPWD has confirmed this balance as refundable to NITT.

Dy.Registrar (F&A)

Registrar (i/c)



Director

**SCHEDULES FORMING PART
OF
INCOME AND EXPENDITURE ACCOUNT**



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 9 : ACADEMIC RECEIPTS

	₹	₹
Particulars	2023-24	2022-23
Fees from Students		
Academic		
1. Tuition Fee (including share of corpus fund - Rs.8,87,00000)	52 69 07 630	59 44 50 643
2. Admission Fee	54 44 300	47 11 200
3. Enrolment Fee / Convocation Fee	79 47 925	73 17 100
4. Library Admission Fee	2 58 78 200	2 28 10 901
5. Laboratory Fee / Computer Fee	2 20 95 565	2 13 28 269
6. Art & Craft Fee / Sports Fee	2 30 78 200	1 93 64 834
7. Registration Fee	32 59 875	30 86 210
8. Syllabus Fee/ MBA Fee	68 05 900	63 10 515
Total (A)	62 14 17 595	67 93 79 672
Examinations		
1. Admission Test Fee	0	0
2. Annual Examination Fee	1 45 16 917	1 34 64 050
3. Mark Sheet, Certificate Fee	1 300	0
4. Entrance Examination Fee	0	0
Total (B)	1 45 18 217	1 34 64 050
Other Fees		
1. Identity Card Fee	0	0
2. Fine / Miscellaneous Fee	85 96 946	66 45 917
3. Medical Fee	7 64 075	6 43 650
4. Transportation Fee/Bus Fare Collection	3 46 435	3 37 975
5. Hostel Fee	0	0
Total (C)	97 07 456	76 27 542
Sale of Publications		
1. Sale of Admission forms	16 51 271	13 90 150
2. Sale of Syllabus and Question Paper, etc.	0	0
3. Sale of Prospectus including Admission Forms	0	0
Total (D)	16 51 271	13 90 150
Other Academic Receipts		
1. Registration fee for Workshops, Programmes	0	0
2. Registration fee (Academic Staff College)	0	0
3. Campus Development Fee (including share of Corpus Fund Rs.1,24,00,000)	2 60 82 200	2 39 36 515
Total (E)	2 60 82 200	2 39 36 515
Grand Total (A+B+C+D+E)	67 33 76 739	72 57 97 929

H. [Signature]
Dy.Registrar(F&A)

N. [Signature]
Registrar (i/c)

[Signature]
Director





National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 10 : GRANTS/ SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

						₹	₹
Particulars	CAPITAL			Total Capital	REVENUE	2023-24	2022-23
	Govt.of India MoE	UGC			Govt.of India MoE		
		Capital	Specific Schemes				
Balance B/F	5 37 93 953	0	0	5 37 93 953	0	5 37 93 953	0
Add : Receipts during the year:							
Total Grant Sanctioned during the year (a)	20 55 00 000	0	0	20 55 00 000	233 57 61 722	254 12 61 722	228 87 11 400
Less: Grant Lapsed during the year (b)	331	0	0	331		331	18 51 387
Net Grant Received (a-b)	20 54 99 669	0	0	20 54 99 669	233 57 61 722	254 12 61 391	228 68 60 013
Interest Income	0	0	0	0	0	0	0
Total	25 92 93 622	0	0	25 92 93 622	233 57 61 722	259 50 55 344	228 68 60 013
Less : Surplus IRG transfer to Capital Fund, if any	0	0	0	0	0	0	0
Balance	25 92 93 622	0	0	25 92 93 622	233 57 61 722	259 50 55 344	228 68 60 013
Less : Utilised for Capital Expenditure (A)	22 36 92 903	0	0	22 36 92 903	0	22 36 92 903	21 40 04 216
Balance	3 56 00 719	0	0	3 56 00 719	233 57 61 722	237 13 62 441	207 28 55 797
Less : Utilised for Revenue Expenditure (B)	0	0	0	0	233 57 61 722	233 57 61 722	201 90 61 844
Balance C/F (C) @	3 56 00 719	0	0	3 56 00 719	0	3 56 00 719	5 37 93 953
@ CPWD Deposit Balance against the above Balace c/f	3 56 00 719	0	0	3 56 00 719		3 56 00 719	5 37 93 953

A- Appears as addition to Capital Fund as well as additions to Fixed Assets during the year.

B- Appears as income in the Income & Expenditure Account.

C. i. Appears under Current Liabilities in the Balance Sheet and will become the opening balance next year.

ii. Represented by Bank balances, Investments and Advances on the assets side is NIL. The Balance C/F shown above is the Deposit Balance with CPWD.

[Signature]
Dy.Registrar (F&A)

N. Omul
06/09/24
Registrar (i/c)

[Signature]
Director



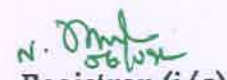


National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 11 : INCOME FROM INVESTMENTS

Particulars			₹	₹
	Earmarked / Endowment Funds		Other investments	
	2023-24	2022-23	2023-24	2022-23
1) Interest				
a) On Government Securities	0	0	0	0
b) Other Bonds/Debentures	0	0	0	0
2) Interest on Term Deposits	4 87 71 181	99 05 622	19 34 80 054	10 28 43 929
3) Income accrued but not due on Term Deposits/Interest bearing advance to employee	9 41 43 973	9 61 83 372	0	0
4) Interest on Savings Bank Accounts	1 99 573	1 13 664	0	0
5) Others (Specify)	0	0	0	0
Total	14 31 14 727	10 62 02 658	19 34 80 054	10 28 43 929
Transferred to Earmarked / Endowment Funds	14 31 14 727	10 62 02 658	0	0
Balance	0	0	0	0


Dy.Registrar(F&A)


Registrar (i/c)


Director

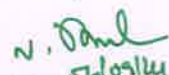




National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 12 : INTEREST EARNED

Particulars	₹	
	2023-24	2022-23
1) On Savings Accounts with Scheduled Banks	49 50 543	29 09 173
2) On Loans:		
a) Employee/Staff	5 24 955	2 60 363
b) Others	0	0
3) On Debtors, EB (SD) and Other Receivables	8 23 689	4 49 219
Total	62 99 187	36 18 755


Dy.Registrar(F&A)


Registrar (i/c)


Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 13 : OTHER INCOME

	₹	₹
Particulars	2023-24	2022-23
A. Income from Land & Building:		
1. Hostel Room Rent	9 63 69 682	8 82 15 201
2. License Fee Qtrs	88 81 059	57 53 450
3. Hire Charges of Auditorium/Play Ground/Convention Centre, Commercial Complex	1 61 45 458	1 12 18 230
4. Electricity charge recovered	8 49 35 632	6 71 79 417
5. Water charges recovered	36 42 939	31 97 402
Total (A)	20 99 74 770	17 55 63 700
B. Sale of Institute's Publications (B)	0	0
C. Income from Holding Events:		
1. Gross Receipts from Annual Function/Sports Carnival	0	0
Less: Direct Expenditure incurred on the Annual	0	0
2. Gross Receipts from Fetes	0	0
Less: Direct Expenditure incurred on the Fetes	0	0
3. Gross Receipts from Educational Tours	0	0
Less: Direct Expenditure incurred on the Tours	0	0
4. Others (to be specified and separately disclosed)	0	0
Total (C)	0	0
D. Others:		
1. Income from Consultancy	29 70 202	50 35 874
a) Honorarium to staff	0	0
2. RTI Fees	150	270
3. Income from Royalty	0	0
4. Sale of Application Form (Recruitment)	31 19 716	17 83 443
5. Misc. Receipts (Sale of Tender Form, Waste Paper etc.)	88 60 373	62 01 618
6. Profit on Sale/Disposal of Assets:-		
a) Owned Assets (under buy back purchase)	0	0
b) Assets received Free of Cost	0	0
7. Grants/Donations from Institutions, Welfare Bodies and International Organizations	0	0
8. Other (specify)		
a) Association and cultural fee	2 15 29 213	1 95 43 054
b) QIP Fellowship from AICTE	0	0
Total (D)	3 64 79 654	3 25 64 259
Grand Total (A+B+C+D)	24 64 54 423	20 81 27 959

Dy.Registrar(F&A)

Registrar (i/c)




Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 14 : PRIOR PERIOD INCOME

Particulars	₹	
	2023-24	2022-23
1. Academic Receipts	0	0
2. Income from Investments	0	0
3. Interest earned	0	0
4. Other Income	19 46 665	39 97 033
Total	19 46 665	39 97 033
<div><div> Dy.Registrar(F&A)</div><div> Registrar (i/c)</div><div> Director</div></div>		





National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 15 : STAFF PAYMENTS & BENEFITS (Establishment Expenses)

Particulars	2023-24	2022-23
a) Salaries and Wages	107 10 11 372	100 22 42 960
b) Allowances and Bonus	3 65 70 514	1 40 83 479
c) Contribution to Provident Fund/EPF	18 52 975	25 67 234
d) Contribution to Other Fund (NPS)@	8 75 93 073	7 74 84 514
e) Staff Welfare Expenses	92 106	1 32 525
f) Retirement and Terminal Benefits @	97 18 36 474	14 74 98 933
g) LTC Facility	57 33 983	37 89 467
h) Medical Facility	2 91 53 313	3 20 21 020
i) Children Education Allowance	87 66 000	85 27 000
j) Honorarium	17 95 563	17 97 010
k) Others (Specify) Outsources exp.	12 80 59 467	13 36 06 099
Total	234 24 64 840	142 37 50 241

SCHEDULE 15A : Employees Retirement and Terminal Benefits

Particulars		2023-24			
		Pension	Gratuity	Leave Encashment	Total
Opening Balance as on 1st April		453 72 64 418	36 33 79 796	68 38 35 475	558 44 79 689
Addition: Capitalized value of Contributions received from		16 24 583	0	8 06 027	24 30 610
Total (a)	y	453 88 89 001	36 33 79 796	68 46 41 502	558 69 10 299
Less : Actual Payment during the year (b)		20 28 95 837	3 74 71 471	1 90 78 455	25 94 45 763
Balance available on 31st March (c) (a-b)		433 59 93 164	32 59 08 325	66 55 63 047	532 74 64 536
Provision required on 31st March as per valuation (d)	x	506 33 79 303	46 13 35 493	77 36 20 825	629 83 35 621
A. Provision to be made in the Current year (d-c)		72 73 86 139	13 54 27 168	10 80 57 778	97 08 71 085
B. Contribution to New Pension Scheme		0	0	0	8 75 93 073
C. Medical Reimbursement to Retired Employees		0	0	0	7 75 009
D. Travel to Hometown on Retirement		0	0	0	1 90 380
E. Provision		0	0	0	0
Total (A+B+C+D+E) @		72 73 86 139	13 54 27 168	10 80 57 778	105 94 29 547
(+)Increase/(-)Decrease in Provision for the year	x-y	52 44 90 302	9 79 55 697	8 89 79 323	71 14 25 322

Note: * Rs 567.76 Crore - Provision for liability towards Retirement Benefits as per Actuarial Valuation has been created in FY 2021-22 and exhibited in Schedule-3 by debiting the Income & Expenditure Account Schedule-15A. Till FY 2020-21 such provision required was being disclosed under Notes on Accounts only. As on 31.03.2024 the Provision for liability towards Retirement Benefit as per Actuarial Valuation Rs.629.83 Crore is provided.

Dy.Registrar (F&A)

Registrar (i/c)



Director




National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 16 : ACADEMIC EXPENSES

	₹	₹
Particulars	2023-24	2022-23
a) Laboratory Expenses /DOC	69 92 222	75 18 775
b) Field Work / Participation	0	0
c) Seminar / Workshop	4 78 239	10 274
d) Payment to Visiting Faculty (including Examination related)	99 82 847	1 43 93 507
e) Examination	1 07 21 258	0
f) Student Welfare Expenses	4 77 32 868	2 08 70 899
g) Admission Expenses	19 80 214	14 90 317
h) Convocation Expenses	37 52 129	50 97 201
i) Publications	0	0
j) Stipend / Means-cum-Merit Scholarship	30 50 80 619	29 02 65 334
k) Subscription Expenses E-Journals (Out of Total Expenditure of Rs.6,22,42,425 capitlized portion is Rs.3,48,93,557 which is under Sch-4 (Fixexd Assets) for FY 2023-24)	2 73 48 868	4 42 76 471
l) Others (Specify):		
a) Siemens COE Research Expenses	0	0
b) Sports & Games, NCC/NSS, NBA Exp. etc	1 12 83 035	47 43 328
Total	42 53 52 299	38 86 66 106


Dy.Registrar(F&A)


Registrar (i/c)




Director



National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 17 : ADMINISTRATIVE AND GENERAL EXPENSES

	₹	₹
Particulars	2023-24	2022-23
A Infrastructure		
a) Electricity and Power	12 44 78 102	9 66 58 153
b) Water Charges	2 50 14 390	1 89 10 980
c) Insurance	30 41 903	30 03 242
d) Rent, Rates and Taxes (including Property Tax)	18 58 895	21 39 649
B Communication		
e) Postage & Telegram	2 06 324	3 32 704
f) Telephone Fax and Internet Charges	56 22 104	39 41 428
C Others		
g) Printing and Stationary	52 88 801	23 35 642
h) Travelling and Conveyance Expenses	15 57 861	9 29 249
i) Hospitality	6 53 36 664	22 46 914
j) Auditors Remuneration	1 45 820	1 83 860
k) Professional Charges	8 40 020	35 72 263
l) Advertisement and Publicity	2 13 066	2 40 661
m) Magazines & Journals	2 47 637	3 58 345
n) Others (Specify)	0	0
Board/FC Meeting, Recruitment Expenses etc	61 20 277	31 45 672
Other Expenses (Membership Fee & other Misc. Exp.)	37 42 900	48 23 859
Total	24 37 14 764	14 28 22 621

Dy.Registrar(F&A)

Registrar (i/c)



Director
9/9/24




National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 18 : TRANSPORTATION EXPENSES

	₹	₹
Particulars	2023-24	2022-23
1. Vehicles (Owned by Institution):		
a) Running Expenses	6 73 897	11 79 009
b) Repairs & Maintenance	2 35 020	7 42 452
c) Insurance Expenses	0	0
2. Vehicles taken on Rent / Lease:		
a) Rent / Lease Expenses	11 09 604	10 46 786
3. Vehicle(Taxi) hiring Expenses	0	0
Total	20 18 521	29 68 247


Dy.Registrar(F&A)


Registrar (i/c)


Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 19 : REPAIRS & MAINTENANCE

	₹	₹
Particulars	2023-24	2022-23
a) Buildings	1 10 73 179	1 09 83 125
b) Furniture & Fixtures	6 63 962	4 10 716
c) Plant & Machinery	0	0
d) Office Equipments	8 55 721	3 18 474
e) Computers	77 70 320	70 59 076
f) Laboratory & Scientific equipment	27 50 696	46 51 307
g) Audio Visual equipment	1 92 649	28 684
h) Cleaning Material & Services	0	0
i) Book Binding Charges	0	0
j) Gardening	1 00 03 790	1 21 37 298
k) Estate Maintenance	2 47 29 060	2 74 52 217
l) Others (Specify)	0	0
AMC	2 87 70 317	3 86 17 312
Total	8 68 09 694	10 16 58 209


Dy.Registrar(F&A)


Registrar (i/c)




Director



National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 20 : FINANCE COSTS

	₹	₹
Particulars	2023-24	2022-23
a) Bank Charges	4 46 348	3 49 780
b) Others:		
i) HEFA Loan Interest	1 58 43 325	1 84 68 667
iii) Interest on Unutilised Project Grant (TAT/MODROB Projects)	0	0
iii) Interest on Unutilised Grant-in-Aid (paid to MoE)	0	0
Total	1 62 89 673	1 88 18 447


Dy.Registrar(F&A)


Registrar (i/c)


Director






National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 21 : OTHER EXPENSES

		₹	₹
Particulars	2023-24		2022-23
a) Provision for Bad and Doubtful Debts / Advances	0		0
b) Irrecoverable Balances Written-Off	0		0
c) Grants/Subsidies to other Institutions/Organizations	0		0
d) Others	0		0
Total	0		0


Dy.Registrar(F&A)


Registrar (i/c)


Director





National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 22 : PRIOR PERIOD EXPENSES

	₹	₹
Particulars	2023-24	2022-23
1. Establishment Expenses	0	0
2. Academic Expenses	0	0
3. Administrative Expenses	0	5 80 571
4. Transportation Expenses	0	0
5. Repairs & Maintenance	0	10 29 701
6. Other Expenses (GST Payment)	0	0
Total	0	16 10 272


Dy.Registrar(F&A)


Registrar (i/c)


Director



**SCHEDULES FORMING PART
OF
ACCOUNTS**

SCHEDULE: 23

SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF ACCOUNTS

The Accounts are prepared under the Historical Cost Convention unless otherwise stated and generally on the Accrual method of accounting.

2. REVENUE RECOGNITION

- 2.1 Fees from Students (except Tuition Fees), Sale of Admission Forms/Tender Forms and Interest on Savings Bank account are accounted on cash basis. Tuition Fees collected separately for each semester is accounted on accrual basis.
- 2.2 Income from Buildings and Other Property and Interest on Investments are accounted on accrual basis.
- 2.3 Interest on interest bearing advances to staff for House Building, Purchase of Vehicles and Computers is accounted on Cash basis.
- 2.4 Interest on EB deposits with TANGEDCO is accounted on cash basis.

3. FIXED ASSETS AND DEPRECIATION

- 3.1 The Government of Tamil Nadu had provided land during 1964-65 for the formation of the Institute and the same was taken over by Government of India during 2003-04. The value fixed by State P.W.D. at its inception was ₹47.09 lakhs. The same value is exhibited in the accounts.

- 3.2 Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.
- 3.3 The Completed Capital Deposit works to the value of ₹18.09 Crore added to Fixed assets and the depreciation provided from the year of completion of work.
- 3.4 The total depreciation amounts to ₹31,31,60,490/- for the Year 2023-24, as per Schedule-4, of which ₹30,62,66,842/- is exhibited under Income and Expenditure Account and ₹68,93,648/- charged to the SIEMENS Asset Donated in Capital Fund (Schedule-1) for which the depreciation will be charged till 2029-30.
- 3.5 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

Tangible Assets:

1.	Land	0%
2.	Site Development	0%
3.	Buildings	2%
4.	Roads & Bridges	2%
5.	Tube wells & Water Supply	2%
6.	Sewerage & Drainage	2%
7.	Electrical Installation and equipment	5%
8.	Plant & Machinery	5%
9.	Scientific & Laboratory Equipment	8%
10.	Office Equipment	7.5%
11.	Audio Visual Equipment	7.5%
12.	Computers & Peripherals	20%
13.	Furniture, Fixtures & Fittings	7.5%
14.	Vehicles	10%
15.	Lib. Books & Scientific Journals	10%

Intangible Assets (Amortization):

- | | | |
|----|------------------------|---------|
| 1. | E-Journals | 40% |
| 2. | Computer Software | 40% |
| 3. | Patents and Copyrights | 9 years |

3.6 Depreciation is provided for the whole year on additions during the year.

3.7 Assets created out of R &D Projects are shown separately in the Fixed Asset Schedule 4B. Depreciation is charged at the rates applicable to the respective assets.

3.8 Since there is difficulty in segregating the Fixed Assets purchased out of Sponsored Project Funds from Institute Funds, as some of the Assets were purchased many years ago; the following accounting policy with respect to Fixed Assets of sponsored projects is adopted. On completion of the Project, Assets will be transferred to the Institute Account with Accumulated Depreciation. The Fixed Assets purchased out of Sponsored Project Funds till 2014-15 have been continued to be Accounted as Assets of the Institute and provided Depreciation. The Fixed Assets purchased out of Sponsored Project Funds from 2015-16 have not been Accounted in the Institute Assets and shown in Notes on Accounts.

4. STOCK:

The institute is booking expenditure on spare parts, laboratory chemicals, consumables and other stores on cash basis and when purchased and hence no closing stock for the same shown in the Balance Sheet. Franking stamp on hand alone is exhibited in schedule 7(3).

5. RETIREMENT BENEFITS

The Liability as on 31st March 2024, for Retirement Benefits were ascertained by Actuary. The details are as follows:

Particulars	Current ₹	Non-Current ₹	Total ₹
Gratuity	2,18,65,683	43,94,69,810	46,13,35,493
Leave Encashment	5,68,26,917	71,67,93,908	77,36,20,825
Pension	5,71,65,008	500,62,14,295	506,33,79,303
Total	13,58,57,608	616,24,78,013	629,83,35,621

Provision for liability towards retirement benefits as per Actuarial Valuation stated above has been exhibited in Schedule-3 in the Balance Sheet and it has also been exhibited in Income & Expenditure Account in Schedule 15A from FY 2021-22 onwards.

6. INVESTMENTS

All investments are carried at their cost.

7. EARMARKED/ENDOWMENT FUNDS

7.1 Corpus and other funds:

Contribution to Corpus Fund by appropriation from Income and Expenditure account is made based on the following policy guidelines framed by the Board of Governors: -

- a) 50% of DASA Tuition Fee collection
- b) Overhead charges provided in the R & D sanctions
- c) 50% of Campus Development Fee Collection

7.2 Staff Development Fund:

As per the resolution passed on the First Finance Committee 10% of collection in the Engineering Consultancy Centre has been credited to the fund.

Single Bank account is operated for these Funds. Entire amount is kept under investment and the income from investments are apportioned to the individual funds. The balance in the respective Funds is carried forward and is represented on the assets side by the balance at bank, Investments and accrued interest.

7.3 Endowment Fund:

Endowments are funds received from various donors for Prizes and Medals as specified by the donors. The income from investment of each Endowment is added to the Fund. The expenditure on Medals and Prizes is met from the interest earned on investment of the respective Endowment Funds and the balance is carried forward. The balances are represented by Investment and balance in the savings bank account. The interest from investments of the fund is accounted on cash basis.

8. GOVERNMENT GRANTS:

Government Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as Grants receivables under Schedule 8(7.c)

To the extent utilized towards capital expenditure, (on accrual basis) Government grants are transferred to the Capital Fund under Schedule 1. Government grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year. Unutilized grants are carried forward and exhibited under Schedule 3(6.d) as a liability in the Balance Sheet. With effect from August 2022, the Grant-in-Aid from Central Government is received through Treasury Single Account (TSA), RBI Assignment A/c.

9. INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS:

Interest received and interest accrued and due on such investments are added to the respective funds and not treated as income of the Institution.

10. SPONSORED PROJECTS:

10.1 In respect of ongoing Sponsored Projects, the amounts/assets received from sponsors and expenditure incurred against such projects are exhibited under Schedule 3A.

10.2 Similarly Fellowships and Scholarships are exhibited under Schedule 3B.


11. INCOME TAX

11.1 The income of the Institution is exempt from Income Tax under Section 10(23C)(iiib) of the Income Tax Act.
No provision for tax is therefore required to be made in the accounts.

11.2 The Institute is registered under section 12AA of the Income Tax Act, 1961 vide DIN & Order
No.ITBA/EXM/S/12AA/2020-21/1030087542(1) dated 25/01/2021

11.3 The Institute has obtained approval under section 80G(5)(vi) of the Income Tax Act, 1961 vide DIN & Order
No.ITBA/EXM/S/80G/2020-21/1030546628(1) dated 11/02/2021.


Dy. Registrar (F&A)


Registrar (i/c)


Director



SCHEDULE: 24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

A. CONTINGENT LIABILITY

- A) The details of the pending Court cases as on 31st March, 2024 filed against the institution which were pending for decisions and the quantum of the claims that could not be ascertained is stated below:

Cases filed by	Number of cases
Faculty Members	9
Non-Teaching Staff	2
Others	22
Total	33

B. NOTES TO ACCOUNTS

1. CAPITAL COMMITMENTS:

All major construction works are being executed by the CPWD, Trichy Central Division functioning in the campus on deposit work basis as per the directive of Ministry of Education (MoE), New Delhi. The deposits released to CPWD during the year 2023-24 is ₹ 42.44 crore (Grant: 6.84 Cr, HEFA: 35.00 Cr, IRG: 0.60 Cr) The completed deposit works to the value of ₹ 18.09 Crore is added to the Fixed Assets in 2023-24. As on 31.03.2024, the total work-in-progress is Rs.148.18 Crore and the balance deposit available with CPWD is Rs.26.73 Crore.

2. FIXED ASSETS:

2.1 Additions in the year to Fixed Assets in Schedule 4 include Assets purchased out of Capital Grant, IRG & HEFA Loan ₹ 35.61 Crore.

2.2 In the Balance Sheet as on 31.03.2014 and the Balance Sheets of earlier years, Fixed Assets created out of Plan funds, Fixed Assets created out of Non Plan funds and other funds were not exhibited distinctly. The additions during the years from 2014-15, from Plan funds and other funds, and the depreciation on those additions respectively have been exhibited in Sub Schedule 4A and 4B.

2.3 Fixed assets as set out in Schedule 4 does not includes assets purchased out of Funds of TEQIP Project, a Centrally Sponsored Scheme, being implemented as a World Bank Assistant Project, held and used by the Institution.
The details of such Assets are:

Assets	Original cost as on 1.4.2021	Additions during year 2021-22	Deductions during year 2021-22	Total as on 31.3.2022 *
	₹	₹	₹	₹
Building	1,24,61,820	-	-	1,24,61,820
Electrical Installation	3,49,973	-	-	3,49,973
Equipment & Tools	21,39,99,281	-	-	21,39,99,281
Computers & Peripherals	76,02,470	-	-	76,02,470
Computer Software	1,07,78,288	-	-	1,07,78,288
Furniture & Fixtures	47,96,678	-	-	47,96,678
Library Books	2,77,31,981	-	-	2,77,31,981
Total	27,77,20,491	-	-	27,77,20,491

* The TEQIP scheme had been completed and over in FY 2021-22.

2.4 Fixed assets in Schedule 4 does not includes assets purchased out of Funds of Sponsored Projects during the year 2023-24
The details of such Assets are:

Assets	Original cost as on 1.4.2023	Additions during year 2023-24	Deduction/ Capitalized	Total	Notional Depreciation Opening Balance	Notional Depreciation for the year 2023-24	Deduction/ Acc. Depreciation	Total Notional Depreciation	Total Book value as on 31.3.2024
	₹	₹	₹	₹	₹	₹	₹	₹	₹
Equipment & Tools	16,37,68,023	1,80,91,422	0.00	18,18,59,445	5,30,36,259	1,45,48,755	0.00	6,75,85,014	11,42,74,431
Computers & Peripherals	2,13,55,040	20,17,672	0.00	2,33,72,712	1,20,99,681	30,85,218	0.00	1,51,84,899	81,87,813
Computer Software	33,41,188	0.00	0.00	33,41,188	33,41,188	0.00	0.00	33,41,188	0.00
Audio Visual Equipment	22,47,056	0.00	0.00	22,47,056	1,68,529	1,68,529	0.00	3,37,058	19,09,998
Electrical Installation and Equipment	70,52,531	46,90,406	0.00	1,17,42,937	3,52,627	5,87,147	0.00	9,39,774	1,08,03,163
Furniture & fittings	24,800	0.00	0.00	24,800	1,860	1,860	0.00	3,720	21,080
Office Equipment	17,250	0.00	0.00	17,250	1,294	1,294	0.00	2,588	14,662
Plant & Machinery	2,07,000	35,49,640	0.00	37,56,640	10,350	1,87,832	0.00	1,98,182	35,58,458
Total	19,80,12,888	2,83,49,140	0.00	22,63,62,028	6,90,11,788	1,85,80,635	0.00	8,75,92,423	13,87,69,605

2.5 **SIEMENS - COE Accounts** - Treatment in Institute Accounts for the Total Funds of ₹20,64,60,197/- released by the Institute through Ministry of Education (MoE) Grants during the year 2017-18 and 2018-19.

NITT Portion	Amount ₹	2017-2018			2018 - 2019		
		Capital	Revenue	WIP	Capital	Revenue	Current Assets & Advances
Service	24856740	-	-	24856740	-	8285580	16571160
IP (Research)	51488606	-	1716287	49772319	51488606	-	-
Software	64305981	46809354	-	-	17496627	-	-
Hardware	65808870	-	-	65808870	65808870	-	-
Total	206460197	46809354	1716287	140437929	134794103	8285580	16571160

NITT Portion	Amount ₹	2019-20			2020-21		2021-22 & 22-23		Exhibition in Annual Accounts
		Capital	Revenue	Current Assets & Advances	Revenue	Current Assets & Advances	Revenue	Current Assets & Advances	
Service	24856740	-	8285580	8285580	8285580	0	0	0	Schedule 16 and 8
IP (Research)	51488606	-	-	-	-	-	-	-	Schedule 4 and 1
Software	64305981	-	-	-	-	-	-	-	
Hardware	65808870	-	-	-	-	-	-	-	
Total	206460197	-	8285580	8285580	8285580	0	0	0	

2.6 **Siemens grant and treatment of assets in NITT's books of accounts**

An agreement among NITT, Siemens Industry Software (India) Private Limited (SISW) and Advanced Manufacturing, Automation & Robotic Technology (AMER Tech) entered on 18.08.2017 to set up State of Art of Excellence-Center of Excellence (COE) in manufacturing technology at NITT. As per the agreement to set up COE, AMER Tech would supply an amount of ₹ 172.34/-crore in form of material (software, hardware and courseware). NITT has made payment of ₹ 20.64/- crore (Inclusive of tax) as its contribution. The Treatment of Siemens Grant in the NITT Books of Accounts is as detailed below: -

Siemens Portion	Amount ₹	2017 - 2018			2018 - 2019			Exhibition in Annual Accounts 2018 - 19
		Capital	Project	Balance	Capital	Project	Balance	
Service	39771155	-	-	39771155	-	39771155	-	Schedule 3(a) and 8
IP (Research)	758301225	-	649960116	108341109	-	108341109	-	
Software	839168902	839168902	-	-	-	-	-	Schedule 4 and 1
Hardware	86170594	-	-	86170594	86170594	-	-	
Total	1723411876	839168902	649960116	234282858	86170594	148112264	-	

3. EXPENDITURE IN FOREIGN CURRENCY:

- a. Telegraphic Transfer
- b. Foreign Drafts etc.
- c. Others.

Expenditure and Earnings are recorded at the prevailing rate on the date of the transaction based on the demands raised by State Bank of India, Heavy Electricals, Kailasapuram branch.

4. CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS

In the opinion of the Management, the current assets, Loans, Advances and Deposits have a value on realization in the ordinary course, equal at least to the aggregate amount shown in the Balance Sheet.

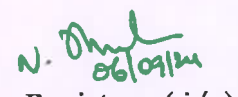
5. HEFA LOAN

Institute has entered into an MoU with HEFA for enhancing Centre of Dynamic Excellence, Interdisciplinary Research Centre's & Lab's, Infrastructure Projects, IT Infrastructure and Smart Class. HEFA has sanctioned ₹51.60 crores for Phase I, ₹21.37 crores for phase II and ₹76.69 crores for phase III through Window-I (100% principal repayment will be paid by Institute from IRG and the Interest portion will be paid out of Grant). The Details of Loan Sanctioned, Availed and Repaid etc. are disclosed under Schedule-2(HEFA).

- 6. The details of balances in Saving Bank Accounts, Current Accounts and Fixed Deposit Accounts with Banks are enclosed as attachment 'A' to the Schedule of Current Assets Schedule 7.
- 7. Previous year's figures have been regrouped wherever necessary.
- 8. Figures in the Final accounts have been rounded off to the nearest rupee.
- 9. Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet at 31st March 2024 and the Income & Expenditure account for the year ended on that date.

10. As the Provident Fund Account and the New Pension Scheme Account are owned by the members of those funds and not by the Institution, these accounts were separated from Institutions' Accounts from 2014-15. A Receipts & Payments Accounts an Income & Expenditure Account (on Accrual Basis) and a Balance Sheet of the Provident Fund Account as well as the New Pension Scheme for the year 2023-24 have been attached, to the Institutions' Accounts.


Dy. Registrar (F&A)


Registrar (i/c)




Director

RECEIPTS AND PAYMENT ACCOUNT



National Institute of Technology, Tiruchirappalli-620 015
Receipts and Payments Accounts for the Period/Year Ended on 31-03-2024

	₹	₹	₹		₹	₹	₹
Receipts	Institute	R&C	2023-24	Payments	Institute	R&C	2023-24
I. Opening Balance				I. Expenses			
a) Cash Balance	0	0	0	a) Establishment Expenses	148 36 94 391	0	148 36 94 391
b) Bank Balance:				b) Academic Expenses	40 37 15 481	0	40 37 15 481
i. In current accounts	64 11 562	1 27 86 368	1 91 97 930	c) Administrative Expenses	22 85 79 998	10 048	22 85 90 046
ii. Savings accounts	21 84 60 617	15 02 96 403	36 87 57 020	d) Transportation Expenses	18 13 681	0	18 13 681
iii. In Deposit accounts	0	0	0	e) Repairs & Maintenance	7 82 91 648	0	7 82 91 648
II. Grants Received				f) Prior Period Expenses	0	0	0
a) From Govt of India	254 12 61 391	0	254 12 61 391	g) Finance cost	1 52 08 070	0	1 52 08 070
Grant receivable received	0	0	0	II. Payments Against Earmarked/Endowment Funds	6 24 634	13 85 025	20 09 659
b) From State Government	0	0	0	III. Payments Against Sponsored Projects/Schemes :	0	9 02 12 602	9 02 12 602
c) From other Sources	0	0	0	(Fixed Assets-R & C: Rs.2,83,49,140/-)			
III. Academic Receipts	58 64 45 635	0	58 64 45 635	IV. Payment against Sponsored Fellowships/Scholarships	3 07 84 766	0	3 07 84 766
IV. Receipts Against Earmarked/Endowment Funds	10 68 59 332	19 06 687	10 87 66 019	V. Investments and Deposits made			
V. Receipts Against Sponsored Projects/Schemes	0	8 47 96 854	8 47 96 854	a) Out of Earmarked/Endowments Funds	164 35 20 166	0	164 35 20 166
				b) Out of own funds (others)	0	0	0
VI. Receipts against Sponsored Fellowships/Scholarship	3 10 50 659	0	3 10 50 659	VI. Term Deposits with Scheduled Banks	302 50 67 764	0	302 50 67 764
VII. Income Investments From				VII. Expenditure on fixed Assets and capital works-in Progress:			
a) Earmarked/Endowment funds	14 48 46 048	0	14 48 46 048	a) Fixed Assets	14 52 04 503	0	14 52 04 503
b) Other Investments	13 71 38 261	0	13 71 38 261	b) Capital Works-in Progress (CPWD Deposits)	42 43 85 050	0	42 43 85 050
VIII. Interest Received on				VIII. Other Payments including statutory payments	27 76 14 031	2 66 73 126	30 42 87 157
a) Bank Deposits/EB Deposit	0	39 11 228	39 11 228	IX. Refunds of Grants	0	0	0
b) Loans and Advances	5 24 955	0	5 24 955	X. Deposits and Advances	16 63 48 894	0	16 63 48 894
c) Savings Bank Accounts	49 50 543	41 63 556	91 14 099	XI. Other Payments.- Sundry Creditors	23 71 10 558	4 83 93 896	28 55 04 454
IX. Investments encashed	137 60 86 627	0	137 60 86 627	XII. Closing Balances			
X. Term Deposits with Scheduled Banks encashed	212 08 83 093	0	212 08 83 093	a) Cash in hand	0	0	0
XI. Other Income(inc.Prior period income)	24 73 06 523	6 44 64 629	31 17 71 152	b) Bank Balance:	0	0	0
XII. Deposits and advances	15 77 62 480	0	15 77 62 480	in Current Accounts	78 21 915	78 76 567	1 56 98 482
XIII. Miscellaneous Receipts including statutory receipts	27 74 70 874	2 80 33 833	30 55 04 708	in Savings Accounts	14 83 61 098	17 58 08 295	32 41 69 393
XIV. Any Other Receipts				in Deposit Accounts	0	0	0
From HEFA Loan/CPWD refund	35 74 27 225	0	35 74 27 225				
Others	32 60 822	0	32 60 822				
Total	831 81 46 648	35 03 59 559	866 85 06 207	Total	831 81 46 648	35 03 59 559	866 85 06 207

[Signature]
Dy.Registrar(F&A)

[Signature]
Registrar (i/c)



[Signature]
Director

GPF AND NPS ACCOUNTS



National Institute of Technology, Tiruchirappalli-620 015
Provident Fund Account Balance Sheet as at March 31, 2024

				₹	₹
Liabilities	2023-24	2022-23	Assets	2023-24	2022-23
GPF					
Opening Balance	24 07 95 491	24 03 96 703	Investment	25 64 35 147	25 22 65 992
Less: Subscription for March 2023	40 12 016	37 95 141	Int. accrued as on 31-03-2024	63 49 814	54 74 360
Add: Subscriptions in the year	4 74 04 768	4 87 46 373	Subscription Due in the Year	0	0
Add: Subscription March 2024 (Receipt)	40 000	40 000	Subscription Due for March, 2023	0	0
Add: Subscriptions for March 2024	38 81 147	39 72 016	GPF	39 21 147	40 12 016
Add: Interest Credited	1 63 30 471	1 61 13 744	CPF	0	0
Less: Advance / Withdrawal	5 59 59 266	6 46 78 204	UC due to CPF	0	0
Closing Balance	24 84 80 595	24 07 95 491	NPS-II	0	0
			Tax Recovered from interest on investments	0	0
CPF					
Opening Balance	0	0			
Less: Subscription for March 2020	0	0			
Add: Subscriptions in the year	0	0	Cash at Bank		
Add: Subscriptions for March 2021	0	0	SBI, Branch-I	57 01 039	13 33 938
Add: Interest Credited	0	0	Other Bank	0	0
Less: Advance / Withdrawal	0	0			
Closing Balance	0	0			
University Contribution(CPF)					
Opening Balance	0	0			
Less: Subscription for March 2022	0	0			
Add: Subscriptions in the year	0	0			
Add: Subscriptions for March 2023	0	0			
Add: Interest Credited	0	0			
Less: Advance / Withdrawal	0	0			
Closing Balance	0	0			
NPS Tier-II Account					
Opening Balance	0	0			
Less: Subscription for March 2022	0	0			
Add: Subscriptions in the year	0	0			
Add: Subscriptions for March 2023	0	0			
Add: Interest Credited	0	0			
Less: Advance / Withdrawal	0	0			
Closing Balance	0	0			
Interest Reserve					
Opening Balance	2 22 90 815	2 44 72 236			
Add: Excess of income over Expenditure	16 35 737	- 21 81 421			
Closing Balance	2 39 26 552	2 22 90 815			
Total	27 24 07 147	26 30 86 306	Total	27 24 07 147	26 30 86 306

[Signature]
Dy. Registrar (F&A)

N. Dhand
26/03/24
Registrar (i/c)



[Signature]
29/3/24
Director



National Institute of Technology, Tiruchirappalli-620 015

Provident Fund Account Income and Expenditure Account for the year ended on March 31, 2024

	₹	₹		₹	₹
Expenditure	2023-24	2022-23	Income	2023-24	2022-23
Interest Credited to:			Interest earned on Investment	1 70 50 754	1 42 10 344
GPF Account	1 79 26 208	1 61 13 744	Add: Interest Accrued on March24	63 49 814	54 74 360
CPF Account	0	0	Add: Tax recovered on interest-Refund to be obtained	0	0
University Contribution(CPF)	0	0			
NPS Tier-II Account	0	0	Less: Interest accrued for March23	54 74 360	57 52 381
Excess of Income over Expenditure	0	0	Excess of Expenditure over Income	0	21 81 421
Total	1 79 26 208	1 61 13 744	Total	1 79 26 208	1 61 13 744


Dy.Registrar(F&A)


Registrar (i/c)


Director





National Institute of Technology, Tiruchirappalli- 620015
Provident Fund Account Receipts and Payments Accounts for the Financial Year 2023-24

	₹		₹		₹	
Receipts	2023-24	2022-23	Payments	2023-24	2022-23	
Opening Balance as on 1st March			GPF Adv./Withdrawal	5 75 80 826	6 46 78 204	
SBI, Branch - I	13 33 938	44 92 196	CPF Adv./Withdrawal	0	0	
SBI, Branch - II	0	0	NPS Tier-II	0	0	
Bank	0	0	University Contribution Withdrawal	0	0	
GPF Subscription	4 74 44 768	4 87 56 373	Investment during the year	24 88 17 963	25 76 46 769	
GPF Subscription (Mar 2024 Dr. G.Kannabiran)	40 000	40 000				
CPF Subscription	0	0				
CPF University Contribution	0	0				
NPS Tier-II Account	0	0	Closing Balance as on 31-03-2024			
Investment Encashed	24 46 48 808	25 61 59 998	SBI, Branch-I	41 19 479	13 33 938	
Interest Received	1 70 50 754	1 42 10 344	Bank	0	0	
Total	31 05 18 268	32 36 58 911	Total	31 05 18 268	32 36 58 911	

Dy.Registrar(P&A)

Registrar (i/c)

Director





National Institute of Technology, Tiruchirappalli-620 015

NPS Tier-I Account Balance Sheet as at March 31, 2024

	₹	₹		₹	₹
Liabilities	2023-24	2022-23	Assets	2023-24	2022-23
NPS Tier-I Account			NPS Tier-I Account		
Opening Balance	1 25 02 113	1 26 77 429	Subscription due for 31-03-24	53 82 112	48 75 037
Less: Subscription for March 23	48 75 037	41 37 980			
Add: Subscriptions & Contribution	14 29 03 584	13 05 45 626	Investment	0	0
Add: Interest Credited	0	0	Interest Accrued but not due	0	0
Less: Transferred to NSDL	14 99 94 750	13 14 57 999	Balance at Bank	27 87 838	97 47 655
Add: Subscription UC for 31-03-24	53 82 112	48 75 037			
Closing Balance	59 18 022	1 25 02 113			
Excess of income over Expenditure:-					
Balance As on 01-04-2023	21 20 579	19 83 946			
Add: During the Year	1 31 349	1 36 633			
Less: Excess of Expenditure over Income	0	0			
Closing Balance	22 51 928	21 20 579			
Total	81 69 950	1 46 22 692	Total	81 69 950	1 46 22 692

[Signature]
Dy.Registrar(F&A)

[Signature]
Registrar (i/c)

[Signature]
Director



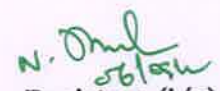


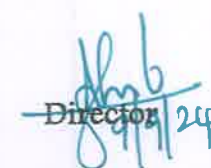
National Institute of Technology, Tiruchirappalli-620 015

NPS Tier- I Account Income and Expenditure Account for the Financial year 2023-24

	₹	₹		₹	₹
Expenditure	2023-24	2022-23	Income	2023-24	2022-23
Interest Credited to:			Interest earned on Investment/Savings Bank	1 31 614	1 33 633
Subscribers' Accounts	0	0			
Bank Charges	266	0	Less: Interest accrued for 31-03-23	0	0
			Interest accrued but not due	0	0
Excess of Income over Expenditure	1 31 349	1 33 633	Excess of Expenditure over Income	0	0
Total	1 31 614	1 33 633	Total	1 31 614	1 33 633


Dy.Registrar(F&A)


Registrar (i/c)


Director





National Institute of Technology, Tiruchirappalli-620 015
NPS Tier- I Account Receipts and Payments Accounts for the Financial Year 2023-24

	₹	₹		₹	₹
Receipts	2023-24	2022-23	Payments	2023-24	2022-23
Opening Balance as on 1st April			Investment	0	0
NPS Tier - I Account	97 47 655	1 05 23 395	Withdrawal/Refund to NSDL	14 99 94 750	13 14 57 999
Own Subscription	5 70 23 282	5 41 85 797	Bank Charges	265	0
University Contribution	8 58 80 302	7 63 59 829			
Interest Received on Investment	0	0			
Interest on Savings bank Account	1 31 614	1 36 633			
Investment Encashed	0	0	Closing Balance as on 31st March	27 87 838	97 47 655
Total	15 27 82 853	14 12 05 654	Total	15 27 82 853	14 12 05 654


Dy.Registrar (F&A)


Registrar (i/c)


Director





NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI