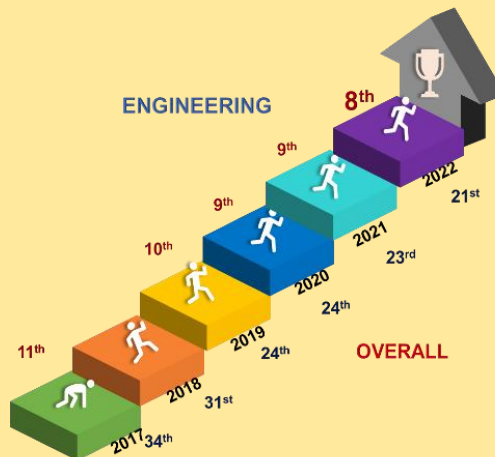


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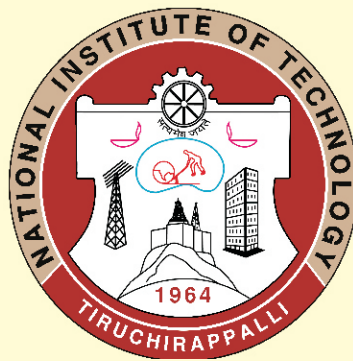
2022-23

NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI



ANNUAL REPORT

2022 ~ 23



NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI

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DIRECTOR'S FOREWORD

Greetings!

Let me begin by congratulating the faculty, alumni, staff and students of NIT, Trichy for their phenomenal accomplishments in 2022-23. 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 filled with gratitude to each and every member of our community who has contributed to our success. Let us revisit some of the milestones we have achieved the last academic year with a view to recommitting ourselves to the pursuit of excellence in all that we do.

The implementation of NEP 2020

NIT Tiruchirappalli has aligned its strategic plan with the National Education Policy 2020 with the implementation of a flexible curriculum, facilitation of industry collaborations, and credit transfer from elite institutions. Our commitment to the NEP 2020 is reinforced by our Master's program in English Language and Literature, introduced in 2020, and the open electives in regional and foreign languages, introduced in the B. Tech programs in 2023, designed to help students develop the skills and knowledge they need to succeed in an increasingly globalized world.

We are in the process of implementing more online initiatives to increase the gross enrolment ratio. The alumni-initiated elective course "Business and Entrepreneurship for Engineers" is one such initiative introduced in the academic year 2021-2022. This course has been introduced with a view to encouraging students to develop their own business ideas and refine them with the help of our illustrious alumni who would teach and mentor them. This initiative promotes the philosophy of 'Atmanirbhar Bharat' and is very likely to, over a period of time, motivate students to become job creators rather than job seekers.

I am also happy to announce that NIT Tiruchirappalli has been named a 'Skill Hub Centre' under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY), a flagship scheme of the Government of India's Ministry of Skill Development and Entrepreneurship. As a nodal skill centre, we will be providing in-school, drop-outs and out-of-education candidates vocational training in such diverse areas as manufacturing, battery operation and maintenance, concrete mixing and setting, drones, 3-D printing, artificial intelligence and robotics, among others. This recognition is a significant milestone for our institute as it will help us contribute towards improving the employability and entrepreneurial ability of young candidates in and around Trichy.

Advancement in overall parameters

NIT Tiruchirappalli has moved up to the position of the 8th best Engineering College in the country in the NIRF 2022 rankings! It is placed Number 1 among all NITs: a feat we have achieved for the seventh year in-a-row. In the overall ranking too, NIT Tiruchirappalli has scaled up to the 21st place among the Top-25 Educational Institutions in the country. We secured an overall score of 69.17, improving from last year's score of 66.08. Improving on all ranking parameters is a clear reflection of the institute's continued efforts towards enhancing the quality of education and research. The increase in the number and quality of research publications and the focus on Intellectual Property Rights and patent filings are noteworthy initiatives that have paid off. These efforts not only benefit the institute's ranking but also contribute to the development of the country's research and innovation ecosystem.

Growth on the research and consultancy front

Our institute is the only NIT included in the set of Prime Minister's Research Fellowship (PMRF) awarding Institutions. A total of 27 Ph.D. students bagged the PMRF award in the last three academic years. The students' placement record continues to be maintained at reasonably high percentages considering the pandemic-driven global slowdown and lockdown. The overall percentage of placements for the Undergraduate Programme is 95% and Postgraduate Programme is 85%.

We published 1457 Scopus indexed research articles in 2022. Moreover, we have over 31460 citations recorded in Scopus and over 22000 recorded in WoS, indicating the high quality of the publications. In addition to this, our publications in the first and second quartiles have been showing an increasing trend year after year, and it is 885 in 2022 compared to 785 in 2021. We facilitated institute collaborations with reputed organizations and enterprises like DRDO, CMPDI and IREL, and an increase in the number of sponsored projects awarded under various schemes such as DST-INSPIRE, SERB, ISRO-STIC, etc., generating a revenue of over 10.92 Cr. in the financial year 2022-23. Moreover, our faculty contributed to the generation of a consultancy revenue of 6.59 Cr. in the financial year 2022-23. In addition, the Institute filed 20 patents, published 9 patents and was granted 8 patents in 2022. I also note with pleasure that our Institute has recently signed a number of Memoranda of Understanding (MoU) with esteemed institutions (University of Kyoto, Japan; the National Highways Authority of India (NHAI), the Centre for Development of Advanced Computing (C-DAC), TCS Foundation, Siemens Industry Software (SISW), BRIDGE Bharat Council), paving the way for exciting new collaborations and partnerships. This academic year, the most notable MoUs were signed with the Bureau of Indian Standards (BIS) for a period of 10 years, and with Micro, Small and Medium Enterprises (MSME), New Delhi, for a period of 4 years. Furthermore, the Research and Consultancy Office co-ordinated ten awareness programs for MSME Entrepreneurs funded by the Ministry of MSME.

In a joint initiative of the Ministry of Electronics and Information Technology (MeitY) and the Department of Science and Technology (DST), a state-of-the-art Supercomputing facility, PARAM PORUL, was established

at NIT Tiruchirappalli in 2022 under Phase 2 of the National Supercomputing Mission (NSM). This facility would aid researchers in solving large-scale problems in various scientific domains such as Weather and Climate, Bioinformatics, Computational Chemistry, Molecular Dynamics, Material Sciences, and Computational Fluid Dynamics. Additionally, the Centre of Excellence in Emergency Response Support System (CoEERSS), a pilot facility jointly established as a research consultancy with the Centre for Development of Advanced Computing (C-DAC), at a cost of Rs. 50 lakhs, was inaugurated in February 2023. The centre aims to offer advanced training and research opportunities in the field of emergency response and disaster management

Infrastructural growth

The continued advancement of NIT Tiruchirappalli is reflected in the infrastructural growth of the institute. The ongoing infrastructural upgrades, including the construction of a 500-seater boys' hostel, Amethyst, and the 6 Annex buildings for various departments (Electrical, Mechanical, Civil, MME, Instrumentation and Production) will significantly add to the built space of the institute. The expanded wing of the Lecture Hall Complex, LOGOS, equipped with state-of-the-art facilities, was recently inaugurated by Shri Dharmendra Pradhan, the Hon'ble Minister for Education, Skill Development and Entrepreneurship, Government of India. The vertical expansion of the Lecture Hall Complex cost Rs. 14 Cr. and the cost of construction of the annex buildings is estimated at Rs. 68 Cr.

The addition of 60,000 Sq.M of built space in the next two years will help accommodate the increasing number of students and provide them with better facilities. Moreover, the setting up of 20 smart classrooms with facilities for team-based learning is an excellent initiative towards enhancing the IT infrastructure of the campus. With the investment of around 20 Cr. over the last 3 years to enhance the IT infrastructure, the institute is sure to provide a better learning experience to its students.

Alumni activities

We are grateful for the support offered by RECAL, the Alumni Association of REC/NIT Trichy, over the years and for the establishment of the RECAL Cares initiative through which the alumni extended invaluable support to mitigate the adverse impact of the pandemic on the NIT Trichy family. 17 Distinguished Alumni Awards and Young Achievers Awards were awarded in the academic year 2022-23 to notable alumni in recognition of the remarkable contributions made in their respective fields. The awardees this year included Raj Iyer, Chief Information Officer, US Army, Pentagon, USA, and Palanivel Thiaga Rajan, Minister of Finance and Human Resources Management, Government of Tamil Nadu.

Furthermore, the Heritage Centre – an institute and RECAL initiative – celebrates the history and legacy of our institute, offering the alumni an opportunity to reflect on their own experiences at their alma mater and to connect with other alumni with whom they share a common bond. The Heritage Centre has been established with the aim to preserve and promote the heritage of NIT Tiruchirappalli, its accomplishments, and its impact on society.

Recruitment and graduation

The success of our institute relies on the talent and commitment of our faculty and staff members. I am happy to note that 41 new faculty members joined the NIT Tiruchirappalli family in 2022. We also recently advertised technical and administrative posts to be filled by motivated individuals who would contribute to the growth of the institute. The diverse expertise, creativity, and dedication of the recently joined faculty and staff have enriched our various academic and administrative endeavours.

I would also like to add that it is an impressive achievement that the 18th Convocation, held in August 2022, had the highest number of annual graduands in the history of NIT Tiruchirappalli, with 1977 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 extend my warmest congratulations to all the Institute medal winners and Endowment and Alumni award winners. This year “Best Innovator Award” has been introduced to encourage faculty innovations. Special congratulations to the Festember and Pragyan teams of 2022-23!. Your hard work and dedication have borne fruit, and your achievements are a testament to your commitment to excellence. I encourage the institute fraternity to take this opportunity to reflect on our accomplishments, renew our commitment to excellence, and rededicate ourselves to the betterment of our society through education and innovation.

I would be remiss to conclude without expressing my gratitude to our alumni, industry partners, and well-wishers who have supported us steadfastly in our endeavours. Your encouragement and support have been instrumental in our success, and we look forward to continuing our partnership with you in the future.

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 Aghila

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. There are direct passenger flight services to destinations in South-East Asia and the Middle East.

2. NIT, TIRUCHIRAPPALLI – AN OVERVIEW

2.1. BRIEF INFORMATION ABOUT THE INSTITUTE

The National Institute of Technology, Tiruchirappalli has distinguished itself on the national scene, by being ranked ninth among all the technical institutes in the country and first among the 31 NITs (eighth year in a row) by the National Institutional Ranking framework (NIRF), India Ranking 2023, Government of India. In ‘overall’ ranking, NIT Tiruchirappalli moved to 21st position and remained in the top 25 Educational Institutions in the country. Established as the Regional Engineering College (REC) in 1964, the salubrious campus became NIT Tiruchirappalli (NITT) in 2003 and is an Institution of National Importance under Ministry of Education, Government of India. The President of India is the visitor of the Institute.

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, Architecture, Sciences, Humanities and Management. The vibrant campus with 8000 + students is a shining example of cultural diversity with students drawn from different states in the country as well as from abroad.

Aligned with the National Education Policy (NEP), our institution has launched transformative programs, including M.A. in English, specialized M. Tech courses in Data Analytics, Geo-tech, Industrial Automation, and online certifications in Steel Tech, AI, and DS. In support of the NEP's focus on entrepreneurship, students can temporarily exit for start-ups, and a three-year exit option grants a B.Sc. degree, fostering flexibility. These initiatives reflect our commitment to NEP's principles of holistic education, multidisciplinary learning, and promoting innovation.

Our institution boasts a global network of over 40,000+ alumni spanning across various continents. Every four years, the Global Alumni Meet (GAM) serves as a significant gathering, fostering connections and collaboration among our diverse alumni base. We're committed to nurturing talent through initiatives like the RECAL Scholarships and Awards, ensuring deserving students receive recognition and support. The FIRESIDE CHAT sessions provide a platform for sharing success stories, inspiring current students with real-life experiences. Our dedication to innovation is showcased through SCIEnT, our Student Innovation Centre, while our Heritage Centre celebrates our rich history and achievements. Furthermore, we house specialized centres like the Centre for SoC Design and Fabrication, fostering ground breaking technological advancements. Celebrations such as the Silver & Golden Jubilee reunions and the Distinguished Alumni Awards acknowledge and honour the contributions of our exceptional graduates, reinforcing our institution's legacy of excellence.

NIT Trichy has been instrumental in spearheading numerous ground-breaking initiatives and collaborations. With funding from ISRO's Space Technology Incubation Center (STIC), projects worth Rs. 2 Crores have been developed, leading to the successful handover of three innovative products to ISRO. Additionally, NIT Trichy's significant contribution involves the creation of a lunar soil simulant test bed crucial for the Chandrayaan Mission. Noteworthy partnerships include a TCS-funded Center of Excellence in Artificial

Intelligence, Siemens' CSR Innovation Grant supporting incubation endeavours, and MSME-funded projects and skill development programs. Further support comes from BIS-funded Institute Chair Professorship, L&T sponsorship for the CTM course, and strategic MoUs with leading entities like Tata Motors, Tata Steel, AAI, Texas Instruments, Sensex India, AVNL, and Directorate of Census Operation (DCO).

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 / interdisciplinary 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 EEE, NIT – Tiruchirappalli	Member
11	Prof. Krishnan Balasubramanian, Professor of Mechanical Engg, IIT- Madras (Nominee of Director IIT- Madras)	Member
12	Registrar, National Institute of Technology – Tiruchirappalli	Secretary

During the year (April 2022- March 2023) under report, the BoG met on the dates mentioned below:

Date	BoG Meeting	Venue
25/05/2022	68 th	NIT, Tiruchirappalli
16/09/2022	69 th	NIT, Tiruchirappalli
28/11/2022	70 th	NIT, Tiruchirappalli
30/01/2023	71 st	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 Sundarajan	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	Nov, 2021	Dec, 2021

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
One member Nominated by Board among the Board Members		
Registrar	NIT, Tiruchirappalli – 620 015	Member Secretary Ex-officio

During the year (April 2022-March 2023) under report, the Finance Committee meetings were conducted on the following dates:

Date	FC Meeting	Venue
25/05/2022	50 th	NIT, Tiruchirappalli
18/08/2022	51 st	NIT, Tiruchirappalli
28/11/2022	52 nd	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
Dean(P&D)- NIT Tiruchirappalli	Member

External member - Industry (Member from PowerGrid corporation)	Member
External member- Educational Institution (Faculty from Civil department, IIT Madras)	Member
BoG representative- NIT Tiruchirappalli	Member
Registrar, NIT Tiruchirappalli	Member Secretary

During the year (April 2022-March 2023) under report, the Buildings & Works Committee meetings were conducted on the following dates:

Date	B & WC Meeting	Venue
26.04.2022	28 th BWC	NIT Trichy (Through online)
22.06.2022	29 th BWC	NIT Trichy (Through online)
21.11.2022	30 th BWC	NIT Trichy (Through online)

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
HoDs (who are not Professors)		Special Invitees
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 2022-March 2023) 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
26/07/2022	58 th	A12 Hall, NIT Trichy
06/01/2023	59 th	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 2022 – March 2023) is furnished below:

Sl. No.	ID No.	Name of the staff	Designation	Date of joining
1	2463	Lakshya Satija	Assistant Professor	19.10.2022
2	2462	Tony Marcel Nisha	Assistant Professor	19.10.2022
3	2453	Arivazhagan C	Assistant Professor	28.09.2022
4	2454	Vanama Raghava Kumar	Assistant Professor	03.10.2022
5	2473	Makendran C	Assistant Professor	14.10.2022
6	2452	Sevugan Rajkannu J	Assistant Professor	23.09.2022

7	2451	Chandaluri Vinay Kumar	Assistant Professor	23.09.2022
8	2456	Saroja S	Assistant Professor	07.10.2022
9	2471	Vishnu Priya R	Assistant Professor	31.10.2022
10	2450	Vinay Raj	Assistant Professor	26.09.2022
11	2449	Sindhia Lingaswamy	Assistant Professor	26.09.2022
12	2447	Jakkepalli Pavan Kumar	Assistant Professor	26.09.2022
13	2448	C Oswald	Assistant Professor	30.09.2022
14	2469	Madhukrishna Priyadarsini	Assistant Professor	20.10.2022
15	2472	Usha Kiruthika S	Assistant Professor	20.10.2022
16	2466	Kuncham Sateesh Kumar	Assistant Professor	20.10.2022
17	2460	Jose Thankachan	Assistant Professor	10.10.2022
18	2458	R Parthasarathy	Assistant Professor	07.10.2022
19	2446	Srinivasulu Jogi	Assistant Professor	28.09.2022
20	2476	Murali Krishna Rajendran	Assistant Professor	21.11.2022
21	2465	B Naresh Kumar Reddy	Assistant Professor	20.10.2022
22	2445	Bibin Francis	Assistant Professor	03.10.2022
23	2444	Bukke Chandrababunaik	Assistant Professor	30.09.2022
24	2467	Avik Hati	Assistant Professor	18.10.2022
25	2459	Aditya Kumar	Assistant Professor	07.10.2022
26	2443	D V Siva Krishna Rao K	Assistant Professor	27.09.2022
27	2442	Anu Kuriakose	Assistant Professor	26.09.2022
28	2479	Rahul Kumar Sharma	Assistant Professor	01.12.2022
29	2477	Sri Ram Shankar R	Assistant Professor	21.11.2022
30	2440	Illa Mani Pujitha	Assistant Professor	06.10.2022
31	2475	Anand S	Assistant Professor	02.11.2022 (A/N)
32	2478	Vinothkumar Govindaraj	Assistant Professor	21.11.2022
33	2461	Balasubramani N	Assistant Professor	11.10.2022
34	2441	Gowthami R	Assistant Professor	23.09.2022
35	2468	Gautam Singh	Assistant Professor	20.10.2022
36	2455	Joy Prakash Das	Assistant Professor	10.10.2022
37	2457	Mallikarjuna	Assistant Professor	10.10.2022
38	2439	Pintu Kumar	Assistant Professor	04.10.2022
39	2474	Vimal K E K	Assistant Professor	19.10.2022
40	2470	Deepak Deelip Patil	Assistant Professor	18.10.2022
41	2464	Laiju A R	Assistant Professor	20.10.2022

The list of non-teaching staff who have joined during the year (April 2022 – March 2023) under report is furnished below:

Sl. No.	ID No.	Name of the staff	Designation	Date of joining
NIL				

3.3 STAFF POSITION

The sanctioned strength against the actual staff in position as on **31/03/2023** is furnished below:

Sl. 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	0	3
3	Assistant Registrar (3+2)*	PB	7	5	2
4	Superintending Engineer	PB 4 /8700	1	0	1
5	Executive Engineer	PB	2	1	1
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	1	2
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	9	6	3
	Total		39	21	18
Category : Ministerial Higher					
Sl.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Superintendent/Personal Assistant	PB 2 /4200	13	6	7
2	Sr. Superintendent/ Sr. Personal Assistant	PB 2 /4600	10	1	9
3	Superintendent SG II/ Private Secretary	PB 2 /4800	7	5	2
4	Superintendent SG I/Private Secretary (2+1)	PB 2 /5400	3	3	0
	Total		33	15	18
Category: Ministerial Lower					
Sl.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Jr. Assistant	PB 1/2000	27	17	10
2	Sr. Assistant/Stenographer	PB 1/2400	19	11	8
3	Assistant SG II	PB 1/2800	13	11	2
4	Assistant SG I (Group-B)	PB 2/4200	6	5	1
	Total		65	44	21
Category: Technical Higher					
Sl.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Techl. Asst/J.E/SAS Asst./LIA (17+9+1) /Sr. Pharmacist	PB 2 /4200	47	26	21
2	Sr.Technical Asst./AE/Sr.SAS Asst/LIS./Phsrms (SG-II)(11+1+1)	PB 2 /4600	35	13	22

3	Technical Assistant/ AE/SAS Asst. (SG-II) / Phsrms (SG-I) (3+2+1) 9((((3(3(2+2+1+0)	PB 2 /4800	24	6	18
4	Technical Assistant/ AE/SAS Asst. (SG-I) / Phsrms (SG-I) (2+10)	PB 2 /5400	12	12	0
Total			118	57	61
Category: Technical Lower					
Sl.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Technician/ Lab Assistant/ Work Asst.	PB 1/2000	47	24	23
2	Sr.Technician/ Lab Assistant/ Work Asst.	PB 1/2400	35	17	18
3	Technician/ Lab Assistant/ Work Asst.(SG-II) / Pharmacist	PB 1/2800	24	24	0
4	Technician/ Lab Assistant/ Work Asst. (SG-I)/ Pharmacist (SG II) (4+4+1) (Group-B)	PB 2/4200	12	9	3
Total			118	74	44
Category: Supporting Staff					
Sl.No	Cadre Name	Grade Pay	Sanctioned Strength	Staff in Position	Vacancy
1	Attendant	PB1/1800	23	1	22
2	Sr.Attendant	PB1/1900	18	19	-1
3	Attendant (SG II)	PB1/2000	12	11	1
4	Attendant/Security Guard (SG I) (4+1)	PB1/2400	6	3	3
Total			59	34	25
Grand Total			432	245	187

*1 AR & **1 Asst. Lib. on Lien period

Faculty who retired during the period from 01.04.2022 to 31.03.2023:

Sl. No.	Name of the Staff	Designation	Department	Date of Retirement
1	Dr.M Udayakumar	Professor	Mechanical	31.01.2023
2	Dr.Moses Santha Kumar	Professor	Civil	31.01.2023
3	Dr.Ponalagusamy R	Professor	Mathematics	30.06.2023
4	Prof.S S Arulappan	Associate Professor	Mechanical	30.06.2023

Non-Faculty who retired during the period from 01/04/2022 to 31/03/2023:

Sl. No.	Name of the Staff	Designation	Department	Date of Retirement
1	Shri M. Loganathan	Assistant (SG-II)	EMD	31.05.2022
2	Shri N. Dhanapal	Attendant (SG-II)	Main Office	30.06.2022
3	Smt. V. Vellaiammal	Attendant (SG-I)	O/o Dean (ID)	30.09.2022
4	Smt. J. Muneeswari	Sr. Attendant	DEE	30.11.2022
5	Shri A. Devanatham	Technical Asst. (SG-II)	EMD	31.03.2023

Faculty who took VRS during the period from 01/04/2022 to 31/03/2023:

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

Non-Faculty who took VRS during the period from 01/04/2022 to 31/03/2023:

Sl. No.	Name of the Staff	Designation	Department	Date of VRS
1	Shri S. Manoharan	Attendant (SG-I)	Phy.Edu. Dept.	31.10.2022
2	Shri C. Muthu	Sr. Attendant	DoMS	31.01.2023

Faculty who expired while in service during the period from 01/04/2022 to 31/03/2023:

Sl. No.	Name of the staff	Designation	Department	Date of Demise
1.	Dr. S Shanmugam	Professor (HAG)	Mechanical	11.12.2022

Non-Faculty who expired while in service during the period from 01/04/2022 to 31/03/2023:

Sl. No.	Name of the staff	Designation	Department	Date of Demise
1	Shri C. Ilango	Assistant (SG-II)	DoMS	04.04.2022

Faculty who resigned during the period from 01.04.2022 to 31.03.2023:

Sl. No.	Name of the Staff	Designation	Department	Date of Resignation
1	Dr. Manju Mahipalan	Assistant Professor Grade-II	Management	21.07.2022
2	Dr. Nivish George	Assistant Professor Grade-II	Mechanical	29.07.2022
3	Dr. I Rajesh	Assistant Professor Grade-II	Management	05.09.2022
4	Dr. Vivek Mohan	Assistant Professor Grade-II	EEE	10.01.2023

Non-Faculty who resigned during the period from 01.04.2022 to 31.03.2023:

Sl. No.	Name of the staff	Designation	Department	Date of Resignation
1	Shri Ganesh N S	Superintendent	Stores & Purchase Section	06.05.2022 AN
2	Shri Rajesh S	Superintendent	Accounts Section	20.06.2022 AN
3	Ms. Thamizhmullai G	Jr. Assistant	O/o. Dean (Academic)	18.07.2022 AN
4	Shri Satish Kumar	Assistant Registrar	Recruitment cell	30.08.2022 AN
4	Shri Kumar Shanu	Superintendent	Advance Section	31.08.2022 AN
5	Shri Sumit Kumar Pandey	Superintendent	Recruitment Cell	16.09.2022 AN
6	Shri Nirmal J	Technician	CSE	13.10.2022 AN

7	Ms. Garima Chawla	Jr. Engineer	ICE	02.02.2023 AN
8	Shri Dhanikela Vara Prasad	Sr. Technician	CSG	03.02.2023 AN

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.

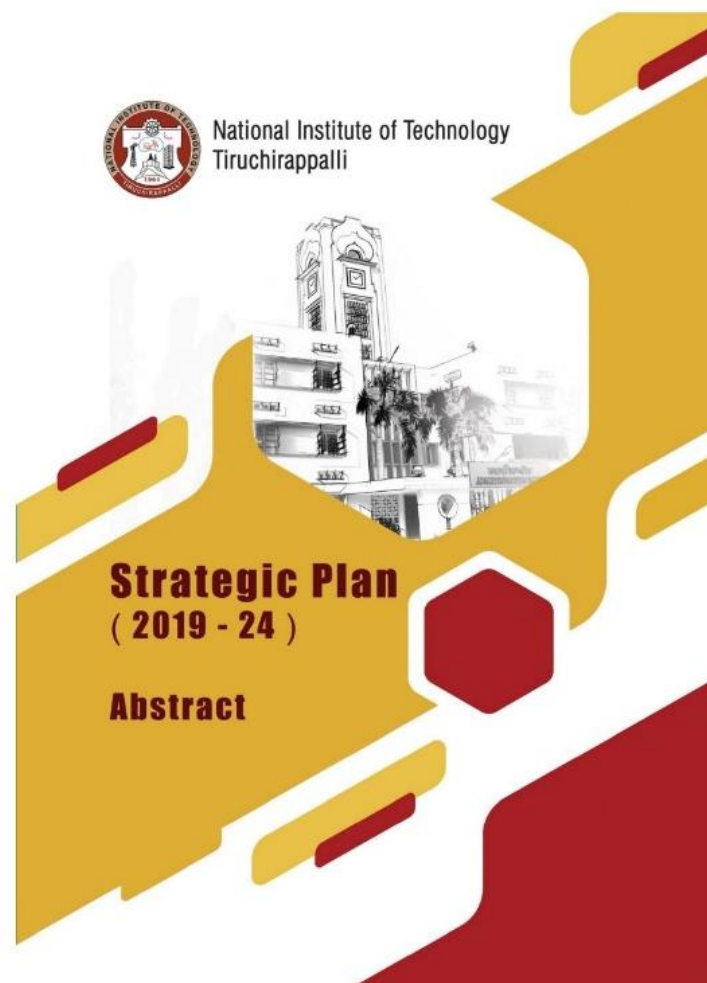
The audit certificate and the annual statement of accounts of the Institute for the Financial Year 2021-22 is presented in the appendices A & B.

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.

Our institute's roadmap for the future is rich with endeavours aimed at propelling innovation and entrepreneurship across various strata. Central to this vision is the establishment of a Research Park, fostering an environment ripe for pioneering discoveries. We're committed to nurturing budding entrepreneurs through a robust pre-incubation ecosystem, leveraging platforms like idea pitching, hackathons, and flagship events like the Smart India Hackathon and YUKTI.

Strengthening the symbiotic relationship between academia and industry is a priority, manifesting in initiatives like Investor meets and Industry conclaves. Embracing the National Education Policy (NEP), we are diligently working towards transforming into a multidisciplinary university. Additionally, our plans encompass the creation of a comprehensive vocational training center in alignment with the Skill Hub Centre PMKVY 4.0 Yojana. Embracing global diversity, we're establishing an International student exchange program. Furthermore, our commitment to sustainability is evidenced by our transition to sustainable energy solutions, aiming to reduce carbon footprints across our administrative, academic, and residential buildings. These ambitious initiatives collectively shape our trajectory towards an innovative, collaborative, and environmentally conscious institution.



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 2022 - 23

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 2022 - 23

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	65	-	65

2	Scheduled Castes	144	141	285
3	Scheduled Tribes	72	51	123
4	Physically Handicapped	30	3	33
5	EWS	146	132	278
6	OBC	418	353	771
7	DASA	98	1 (ICCR)	99

5.2.1 Fresh Admission 2022-23 (Department wise):

Sl. No.	DEPARTMENT	B.Arch.	B.Tech.	M.Arch.	M.Tech.	M.Sc.	MCA	MBA	MA	MS	Ph.D.	TOTAL
1	Architecture	62	-	26							10	98
2	Chemical Engineering	-	88		42						07	137
3	Chemistry	-	-			25					17	42
4	Civil Engineering	-	116		135					3	26	280
5	Computer Applications	-	-		24	24	115				12	175
6	Computer Science and Engineering	-	145		35					2	23	205
7	Electrical and Electronics Engineering	-	133		70					2	21	226
8	Electronics and Communication Engineering	-	140		70						29	239
9	Energy and Environment	-	-		19					1	04	24
10	Humanities and Social Sciences	-	-						23		12	35
11	Instrumentation and Control Engineering	-	122		23					2	03	150
12	Management Studies	-	-					92			09	101
13	Mathematics	-	-			24					17	41
14	Mechanical Engineering	-	138		59					2	20	219
15	Metallurgical and Materials Engineering	-	75		45						20	140
16	Physics	-	-		24	26					18	68
17	Production Engineering	-	-		66					4	15	85
TOTAL		62	957	26	612	99	115	92	23	16	263	2265

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 2022-23 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	303	-	48							46	397
2	Chemical Engineering	-	335		79						44	458
3	Chemistry	-	-			47					59	106
4	Civil Engineering	-	481		250					11	101	843
5	Computer Applications	-	-		50	44	335				70	499
6	Computer Science & Engineering	-	591		68					12	95	766
7	CECASE	-	-							05	15	20
8	Electrical & Electronics Engineering	-	528		118					18	95	759
9	Electronics & Communication Engineering	-	561		127					06	111	805
10	Energy & Environment	-	-		37					05	28	70
11	Humanities & Social Sciences	-	-						41		63	104
12	Instrumentation & Control Engineering	-	483		34					04	61	582
13	Management Studies	-	-					186			61	247
14	Mathematics	-	-			46					50	96
15	Mechanical Engineering	-	545		108					22	105	820
16	Metallurgical & Materials Engineering	-	310		86					06	84	486
17	Physics	-	-		49	47				04	78	178
18	Production Engineering	-	462		120					21	117	720
Total		303	4296	48	1126	184	335	186	41	114	1283	7916

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

Sl. No.	Programme	SC	ST
1	B.Tech.	550	277
2	B.Arch.	37	16
3	M.Arch.	8	2
4	M.Tech.	152	60
5	M.B.A.	30	12
6	M.C. A	54	27
7	M.Sc.	25	4
8	M A	7	0
9	Ph.D.	44	2
10	MS	-	-
TOTAL		907	400

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 2022 - 2023

Sl. No.	Department	I Year	II Year	III Year	IV Year	V Year	Total
1.	Architecture	61	59	61	60	62	303
2.	Chemical Engineering	87	77	84	87	-	335
3.	Civil Engineering	113	117	124	127	-	481
4.	Computer Science & Engineering	145	146	148	152	-	591
5.	Electrical & Electronics Engineering	130	124	135	139	-	528
6.	Electronics & Communication Engineering	139	139	139	144	-	561
7.	Instrumentation & Control Engineering	122	116	116	129	-	483
8.	Mechanical Engineering	138	131	136	140	-	545
9.	Metallurgical & Materials Engineering	75	79	74	82	-	310
10.	Production Engineering	109	111	120	122	-	462
TOTAL		1119	1099	1137	1182	62	4599

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

S. No.	Department / Discipline	I Year	II Year	Total
1.	Architecture (M.Arch.)			
	Energy Efficient and Sustainable Architecture	26	22	48

2.	Chemical Engineering			
	Chemical Engineering	22	26	48
	Process control & Instrumentation	11	20	31
3.	Civil Engineering			
	Transportation Engineering and Management.	23	27	50
	Structural Engineering	23	24	47
	Environmental Engineering	25	20	45
	Construction Technology and Management	29	30	59
4.	Computer Applications			
	Data Analytics	22	28	50
5.	Computer Science & Engineering			
	Computer science and Engineering	32	36	68
6.	Electrical & Electronics Engineering			
	Power Electronics	34	26	60
	Power Systems	30	28	58
7.	Electronics & Communication Engineering			
	Communication Systems	33	35	68
	VLSI System	28	31	59
8.	Instrumentation and Control Engineering			
	Industrial Automation	16	18	34
9.	Energy and Environment			
	Energy Engineering	19	18	37
10.	Mechanical Engineering			
	Industrial Safety and Engineering	25	26	51
	Thermal Power Engineering	28	29	57
11.	Metallurgical & Material Engineering			
	Materials Science and Engineering	18	16	34
	Welding Engineering	16	15	31
	Industrial Metallurgy	10	11	21
12.	Production Engineering			
	Industrial Engineering Management	30	29	59
	Manufacturing Technology	30	31	61
13.	Physics			
	Non - Destructive Testing	24	25	49
TOTAL		578	596	1174

5. 3. 4. MBA Students on Roll

Sl. No.	Department	I Year_2022	II Year_2021	Total
1	Management Studies / MBA	89	97	186

5. 3. 5. MCA Students on Roll

Sl. No.	Department	I Year_2022	II Year_2021	III Year_2020	Total
1	Computer Applications / MCA	112	113	110	335

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

Sl. No.	Department	I Year_2022	II Year_2021	Total
1	Chemistry	23	24	47
2	Computer Applications	24	20	44
3	Physics	23	24	47
4	Mathematics	22	24	46
Total		92	92	184

5. 3. 7. M.A Students

Sl. No.	Department	I Year_2022	II Year_2021	Total
1	Humanities and Social Sciences	22	19	41

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

Sl. No.	Department	2016	2017	2018	2019	2020	2021	2022	Total
1	Chemical Engineering	--	---	---	---	---	---	-	---
2	Civil Engineering	3	1	4	---	---	---	1	09
3	Computer Science & Engineering	2	2	3	3	---	---	2	12
4	Electrical & Electronics Engineering	4	5	4	2	---	1	2	18
5	Electronics & Communication Engineering	---	2	---	2	---	2	-	06
6	Instrumentation & Control Engineering	---	1	---	---	1	---	1	03
7	Mechanical Engineering	8	5	6	1	---	---	-	20
8	Metallurgical & Materials Engineering	---	1	1	---	---	4	-	06
9	Physics	3	---	---	1	---	---	1	05
10	Production Engineering	5	3	4	1	1	3	2	19
11	Energy Engineering	2	---	1	1	---	---	-	04
12	CECASE	5	---	---	---	---	---	-	05
Total		32	20	23	11	2	10	09	117

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

Sl. No.	Department	2015	2016	2017	2018	2019	2020	2021	2022	Total
1.	Architecture	04	01	02	03	07	06	13	04	40

2.	Chemical Engineering	03	04	06	07	04	05	08	03	40
3.	Civil Engineering	08	02	10	09	10	17	19	18	93
4.	Computer Science & Engineering	04	03	09	12	15	17	12	06	78
5.	Electrical & Electronics Engineering	02	04	08	10	13	19	18	10	84
6.	Electronics & Communication Engineering	08	03	10	15	12	15	19	17	99
7.	Energy and Environment	01	03	04	01	06	06	03	01	25
8.	Instrumentation and Control Engineering	06	05	07	13	05	14	08	02	60
9.	Mechanical Engineering	10	09	13	18	10	13	12	06	94
10.	Metallurgical and Materials Engineering	07	04	01	09	12	16	15	09	73
11.	Production Engineering	09	09	21	21	16	14	12	04	106
12.	CECASE	09	00	00	01	5	00	00	00	15
13.	Management Studies	03	05	07	09	8	09	11	08	60
14.	Computer Applications	04	02	08	12	8	11	13	06	64
15.	Chemistry	02	03	02	07	11	10	07	10	52
16.	Physics	04	02	11	09	15	10	09	09	69
17.	Humanities and Social Sciences	00	00	08	06	14	11	12	04	55
18.	Mathematics	00	00	01	04	08	09	11	11	44
Total		84	59	128	166	179	202	202	128	1148

5.4 CONVOCATION

The 18th Convocation of NIT, Tiruchirappalli was held on Saturday, August 6, 2022 @ 9.30 AM. Shri.Shyam Srinivasan, CEO and MD, Federal Bank Ltd was the chief guest and delivered the Convocation Address. A total of 1977 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.	MCA	MBA	MA	MS	Ph.D.	TOTAL
1.	Architecture	38	-	21		-	-	-	-	-	2	61
2.	Chemical Engineering	-	68	-	40	-	-	-	-	-	4	112
3.	Chemistry	-	-	-	-	26	-	-	-	-	6	32
4.	Civil Engineering	-	103	-	131	-	-	-	-	2	14	250
5.	Computer Applications	-	-	-	26	21	110	-	-	-	7	164

6.	Computer Science and Engineering	-	114	-	32	-	-	-	-	1	6	153
7.	Electrical and Electronics Engineering	-	109	-	55	-	-	-	-	1	7	172
8.	Electronics and Communication Engineering	-	105	-	54	-	-	-	-	-	24	183
9.	Energy and Environment	-	-	-	20	-	-	-	-	1	1	22
10.	Humanities and Social Sciences	-	-	-	-	-	-	-	20	-	3	23
11.	Instrumentation and Control Engineering	-	105	-	21	-	-	-	-	-	7	133
12.	Management Studies	-	-	-	-	-	-	96	-	-	8	104
13.	Mathematics	-	-	-	-	22	-	-	-	-	2	24
14.	Mechanical Engineering	-	116	-	50	-	-	-	-	3	11	180
15.	Metallurgical and Materials Engineering	-	66	-	60	-	-	-	-	1	7	134
16.	Physics	-	-	-	23	23	-	-	-	-	12	58
17.	Production Engineering	-	95	-	60	-	-	-	-	5	10	170
18.	CECASE	-	-	-	-	-	-	-	-	2	-	2
TOTAL		38	881	21	572	92	110	96	20	16	131	1977

NUMBER OF GRADUANDS WITH HONORS

Sl. No.	Department	Number of Graduands
1.	Chemical Engineering	9
2.	Civil Engineering	1
3.	Computer Science and Engineering	14
4.	Electrical and Electronics Engineering	8
5.	Electronics and Communication Engineering	10
6.	Instrumentation and Control Engineering	7
7.	Mechanical Engineering	7
8.	Metallurgical and Materials Engineering	3
9.	Production Engineering	7
Total		66

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

Sl. No.	Department	Specialization	No. of Graduands
1.	Chemical Engineering	Chemical Engineering	23
		Process Control and Instrumentation	17
2.	Civil Engineering	Transportation Engineering and	26
		Structural Engineering	26
		Environmental Engineering	25
		Construction Technology and	30
		Geotechnical Engineering	24
3.	Computer Applications	Data Analytics	26
4.	Computer Science and Engineering	Computer Science and Engineering	32
5.	Electrical and Electronics Engineering	Power Systems	28
		Power Electronics	27
6.	Electronics and Communication Engineering	Communication Systems	28
		VLSI System	26
7.	Energy and Environment	Energy Engineering	20
8.	Instrumentation and Control	Industrial Automation	21
9.	Mechanical Engineering	Industrial Safety Engineering	20
		Thermal Power Engineering	30
10.	Metallurgical and Materials Engineering	Welding Engineering	23
		Materials Science and Engineering	23
		Industrial Metallurgy	14
11.	Physics	Non-Destructive Testing	23
12.	Production Engineering	Manufacturing Technology	29
		Industrial Engineering and	31
13.	Architecture	Energy Efficient and Sustainable	21
TOTAL			593

5. 4. 2. Convocation Prizes

The following are the details of prizes awarded to the students at the 18th Convocation:

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

Department	Roll No.	Name	CGPA
Metallurgical and Materials	112118058	KIMAYA PRASAD	9.88

Institute Medal 2022 for Highest CGPA in B.Tech. and B.Arch.

Department	Roll No.	Name	CGPA
Chemical Engineering	102118008	ANUJ DASGUPTA	9.74

Civil Engineering	103118040	KARTHIKA G KUMAR	9.35
Computer Science and Engineering	106118103	V AANANTH	9.57
Electrical and Electronics	107118084	SANDIPAN ROY	9.54
Electronics and Communication	108118084	SAI MITHERAN J	9.71
Instrumentation and	110118049	MIRIAM SANTHOSH	9.68
Mechanical Engineering	111118091	R SURYANARAYAN	9.87
Metallurgical and Materials	112118058	KIMAYA PRASAD	9.88
Production Engineering	114118046	K MUTHU NARAYANAN	9.80
Architecture	101117037	SRI AAKASH S	9.05

Institute Medal 2022 for Highest CGPA in M. Tech. and M. Arch.

Specialization	Roll No.	Name	CGPA
Chemical Engineering	20212000	HIMAJA VEMULA	9.43
Process Control and Instrumentation	20222001	SARASWATHI S	9.59
Transportation Engineering and Management	20312000	ABHINAV MISHRA	9.64
	20312001	GANESHVIJAY R	9.64
Structural Engineering	20322002	SANJANA S KUMAR	9.82
Environmental Engineering	20342001	GOKUL P R	9.76
Construction Technology and	20352001	MANNU KUMAR	9.64
Geotechnical Engineering	20362002	SREELAKSHMI N	9.41
Data Analytics	20522002	SHANTANU	9.69
Computer Science and Engineering	20612000	ANJALI GOENKA	9.70
Power Systems	20712001	GRANDHE SRAVANI	9.78
Power Electronics	20722001	DIPJOY DAS	9.30
Communication Systems	20812000	ANJU R S	9.65
VLSI System	20822000	GURUGUBELLI	9.88
Industrial Automation	21012000	DEVAKUMAR M	9.44
Energy Engineering	20232001	GANGULA	9.41
Industrial Safety Engineering	21122001	GANESH PATEL	9.55
Thermal Power Engineering	21132000	CHEBOLU SANTOSH	9.19
	21132002	RELKAR ATHARVA VILAS	9.19
Welding Engineering	21212002	VIGNESHWARAN E	9.52
Materials Science and Engineering	21222001	VARSA P	9.31
Industrial Metallurgy	21232001	SOUMYA NAYAK	9.49
Non-Destructive Testing	21312000	BHUPATHIRAJU ADITYA	9.30
Manufacturing Technology	21412000	ANKIT NEGI	9.56
Industrial Engineering and	21422002	SUBRAMANYAM G	9.36
Energy Efficient and Sustainable	20112001	PONRAJALAXMI R	9.55

Institute Medal 2022 for Highest CGPA in M.Sc.

Specialization	Roll No.	Name	CGPA
Chemistry	204120001	AFREEN HOORIYA NACERUDDIN	9.80
Computer Science	205320005	ATULYA AKASH	9.55
Mathematics	216120001	AJAY JOSEPH	9.49
Physics	213220025	ZENIA ZURAIQ	9.79

Institute Medal 2022 for Highest CGPA in MCA

Specialization	Roll No.	Name	CGPA
Computer Applications	205119016	ANKUR DUBEY	9.10

Institute Medal 2022 for Highest CGPA in MBA

Specialization	Roll No.	Name	CGPA
Management Studies	215120095	SRIVASAN B	9.35

Institute Medal 2022 for Highest CGPA in MA

Specialization	Roll No.	Name	CGPA
English (Language and Literature)	209120006	CHRISTINA JOSHY	9.60

5.5 INSTITUTE DAY PRIZES

On the basis of academic performance, the following students were awarded Merit Prizes on the 59th edition of Institute Day 2023 held on 28nd April 2023. Shri. Sudhanshu Mani, Retd. General Manager, Integral Coach Factory, Chennai (Mastermind behind the Vande Bharat Express train), was the Chief Guest.

5.5.1. Rank Holders (UG & PG)**B.Arch. / ARCHITECTURE**

Batch	Rank	Roll Number	Name	CGPA
2017	1	101117035	SIVAPRIYAA K	9.14
2017	2	101117037	SRI AAKASH S	9.12
2017	3	101117025	P ROOPENDRA KUMAR	9.1
2018	1	101118015	HRIDHAYA SUBRAMANIAM	9.88
2018	2	101118033	R SNEHA	9.45
2018	3	101118020	KRITHIKA RAVISANKAR	9.22
2019	1	101119004	A NAVILAN	9.6
2019	1	101119036	NIHARIKA SAINI	9.6
2019	2	101119031	MANAVI	9.5
2019	3	101119008	AYISHA FIRDHAWS MOHAMMAD	8.96

2020	1	101120033	OVIYA S	9.56
2020	2	101120046	SHREE VARSHAA ELANGO	9.3
2020	3	101120044	SARMATHI B T	9.28
2021	1	101121041	SAI KEERTHANA VIDHYA SANJEEVI	9.38
2021	2	101121025	LAKSHI R KANKARIA	9.16
2021	3	101121008	DEEPTHIKA K	8.88

B.Tech. / CHEMICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	102118008	ANUJ DASGUPTA	9.79
2018	2	102118037	MAYANK JHA	9.67
2018	3	102118048	PUVADA SREEVARSHA	9.55
2019	1	102119037	MAJETI SWETHA	9.51
2019	2	102119061	RAHUL MELKANI	9.38
2019	3	102119059	RAAVI NAAGA VAMSI	9.35
2019	3	102119067	SANKALP DIXIT	9.35
2020	1	102120067	R VISHNU BHARADWAJ	9.33
2020	2	102120022	BAVISHI JAINA KETANKUMAR	9.29
2020	3	102120061	RAKESH MARISSETTY	9.22

B.Tech. / CIVIL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	103118048	LALITH KOTHANDARAMAN	9.72
2018	2	103118040	KARTHIKA G KUMAR	9.61
2018	3	103118031	HARIKRISHNAN B	9.46
2018	3	103118039	KARGIL MISHRA	9.46
2019	1	103119038	GONAPA SAI UDDIEP	9.69
2019	2	103119004	ABHISHEK VIJAYAN	9.63
2019	2	103119087	RAMPRASATH R	9.63
2019	3	103119120	THUSHALI RAMKUMAR	9.56
2020	1	103120011	A MUKESH SUNDAR	9.83
2020	2	103120079	PARVATH C	9.69
2020	3	103120095	SAMEE ALAM ANSARI	9.41

B.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	106118106	V VENKATARAMAN	9.56
2018	2	106118018	AYUSH SINGH	9.43

2018	3	106118010	ANJANEYA TRIPATHI	9.4
2018	3	106118036	HARSHIT AGRAWAL	9.4
2019	1	106119042	G SUBHASREE	9.62
2019	1	106119109	SALONI GORDHAN RAKHOLIYA	9.62
2019	2	106119052	INDRESH P	9.54
2019	3	106119043	HAEMANTH V	9.46
2020	1	106120122	SNEHA ANN REJI	9.86
2020	2	106120132	TALAKOLA VENKATA RAJEEV	9.57
2020	3	106120138	VELMA VIKAS REDDY	9.45

B. Tech. / ELECTRICAL AND ELECTRONICS ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	107118084	SANDIPAN ROY	9.69
2018	2	107118109	VENKAT SUBRAMANIAN P	9.6
2018	3	107118014	ANGAD RIPUDAMAN SINGH BAJWA	9.4
2019	1	107119056	J SOUNDARYA	9.94
2019	2	107119051	ISHIKAA LUNAWAT	9.35
2019	3	107119135	VISWESWARAN B	9.22
2020	1	107120053	H R S S NAGAVALLI CHATLA	9.69
2020	2	107120110	SHAKAMBARI SAXENA	9.62
2020	3	107120115	SHRI AMRUTH E S	9.5

B.Tech. / ELECTRONICS AND COMMUNICATION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	108118023	BARATH KUMAR S	9.84
2018	2	108118097	S RITHANATHITH	9.76
2018	3	108118084	SAI MITHERAN J	9.6
2019	1	108119062	LAKSHYA JEYES	9.75
2019	2	108119107	SENTHILNATHAN S	9.67
2019	3	108119060	KS CHANDAN KUMAR	9.48
2020	1	108120079	NAYAN KUMAR	9.51
2020	2	108120070	M S AISHWARYA	9.49
2020	3	108120097	PREM SATHAN L	9.47

B.Tech. / INSTRUMENTATION AND CONTROL ENGINEERING

Batch	Rank	Roll	Name	CGPA
2018	1	110118049	MIRIAM SANTHOSH KADAVAN	9.72
2018	2	110118026	EASHWAR RAVIKKUMAR	9.5

2018	3	110118066	R ARVIND	9.42
2019	1	110119006	ABINAYA P A	9.48
2019	2	110119038	DHYANESHWAR K R	9.43
2019	3	110119002	AATHITHYAN K K	9.41
2020	1	110120012	ANIKET MITTAL	9.77
2020	2	110120061	K V SWETHA	9.46
2020	3	110120106	SOORAJ SUBRAMANIAM E P	9.39

B.Tech. / MECHANICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	111118091	R SURYANARAYAN	9.91
2018	2	111118031	GIRISH A N	9.57
2018	3	111118103	S ROHIT	9.49
2019	1	111119141	YATIN SHANKAR NARAYANAN	9.51
2019	2	111119112	SHANKAR RAJENDRA JAVLE	9.45
2019	3	111119020	BRAHADEESH SURESH	9.34
2020	1	111120142	YASH ASHOK KUMAR PATEL	9.86
2020	2	111120042	FARHAN ABID SELIYA	9.32
2020	2	111120137	VAKULA VENKATESH	9.32
2020	3	111120095	N HARI BHARADWAJ	9.3

B.Tech. / METALLURGICAL AND MATERIALS ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	112118005	ASHWIN T SHEKHAR	9.76
2018	2	112118004	ARCHITA V	9.68
2018	2	112118058	KIMAYA PRASAD SURYARAO	9.68
2018	3	112118001	ABHINAV ANAND	9.53
2019	1	112119068	SHIDDHARTHA R	9.82
2019	2	112119009	ALOK PANDEY	9.62
2019	3	112119048	NANDHA DEVAN D	9.38
2020	1	112120036	M RISHIKA	9.92
2020	2	112120003	ANAGH DUTTA	9.7
2020	3	112120067	TARUN KUMAAR M K	9.45

B.Tech. / PRODUCTION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2018	1	114118046	K MUTHU NARAYANAN	9.94
2018	2	114118060	PARTHESH AGARWAL	9.76

2018	3	114118093	SWESHA VENKATESHWARAN	9.74
2019	1	114119012	ANURAAG DASH	9.61
2019	1	114119112	S THANIKAI SATHIYAN	9.61
2019	2	114119081	POOJA M	9.45
2019	3	114119056	KISHORE S	9.4
2020	1	114120020	ARUNPRABHAKAR P	9.55
2020	2	114120013	ANSHU	9.41
2020	3	114120113	VANAM NAGASRI	9.37

B.Tech. / I YEAR (2021)

Batch	Rank	Roll Number	Name	CGPA
2021	1	112121072	VAIKUNDARAMAN T S	9.8
2021	1	114121017	CHITRANSH JAIN	9.8
2021	2	107121031	GAYATHRI RAJESH	9.75
2021	3	106121099	RAGHAVAN BALANATHAN	9.72

INSTITUTE DAY PRIZE WINNERS (2023) / M.Tech. / M.Arch. / M.Sc. / MCA / MBA**M.Tech. / CHEMICAL ENGINEERING**

Batch	Rank	Roll Number	Name	CGPA
2020	1	202120007	HIMAJA VEMULA	9.43
2020	2	202120011	MADHANGI R	9.15
2020	3	202120022	TETALA KAVYA KRISHNAVENI	9
2021	1	202121013	KUMARAN NAGAPPAN K	8.85
2021	2	202121011	CHARAN M R	8.76
2021	3	202121014	MADDELA HEMANTH KUMAR	8.73

M.Tech. / PROCESS CONTROL AND INSTRUMENTATION

Batch	Rank	Roll Number	Name	CGPA
2020	1	202220019	SARASWATHI S	9.59
2020	2	202220022	SONALI DAS GUPTA	8.98
2020	3	202220009	GINKALA VIJAYA LAKSHMI	8.78
2021	1	202221008	DHOLE SHUBHAM RAJU	9.42
2021	2	202221002	AMARNATH K	9.08
2021	3	202221020	SHWETA JAISWAL	8.78

M.Tech. / ENERGY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	202320012	GANGULA SATYANARAYANA	9.41
2020	2	202320016	MAINDAD RUSHIKESH HANUMANT	9.18

2020	3	202320018	M NAVEENA SHREE	9.15
2021	1	202321009	JADHAV NITIN DHANAJI	9.52
2021	2	202321005	ANJAN MUKHERJEE	9.19
2021	3	202321011	KAUSHIK ANUSHK ANOOP	9.02

M.Tech. / TRANSPORTATION ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2020	1	203120002	ABHINAV MISHRA	9.64
2020	1	203120010	GANESHVIJAY R	9.64
2020	2	203120004	ANJUMOL M SADHU	9.3
2020	3	203120019	MUTHU KRISHNAN A	8.97
2020	3	203120011	JITESH CHAWLA	8.97
2021	1	203121004	ARNAV A BARNWAL	9.52
2021	2	203121020	SARANAM VENKATA SAI CHARAN	9.14
2021	3	203121016	RAMADASU NIVEDITHA	9.1

M.Tech. / STRUCTURAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	203220021	SANJANA S KUMAR	9.82
2020	2	203220015	HEMANTHKUMAR H	9.35
2020	3	203220007	BANDARI VINEETH KUMAR	9.29
2021	1	203221020	DHANAWADE ROHIT SUNIL	9.52
2021	2	203221019	REGALLA TEJASWI	8.62
2021	3	203221007	CHALLA GANESH SIVA KUMAR	8.57

M.Tech. / ENVIRONMENTAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	203420011	GOKUL P R	9.76
2020	2	203420020	RESHMA L R	9.09
2020	3	203420004	ARCHANA M M	9.05
2021	1	203421004	ALAYNA MARIYA	9.33
2021	2	203421025	THOTA NARENDRA	9.14
2021	3	203421006	ANUPRIYA A V	9.02

M.Tech. / CONSTRUCTION TECHNOLOGY AND MANAGEMENT

Batch	Rank	Roll	Name	CGPA
2020	1	203520012	MANNU KUMAR	9.64

2020	2	203520018	RAHUL	9.31
2020	3	203520030	VASANA VENKATA DURGA	9.27
2021	1	203521027	SOUMYODEEP CHATTERJEE	9.62
2021	1	203521030	DAMANJEET SINGH PAHUJA	9.62
2021	2	203521010	JAMI ANUSHA	9.35
2021	3	203521025	SHIVASHIS SENGUPTA	9

M.Tech. / GEO-TECHNICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	203620021	SREELAKSHMI N	9.41
2020	2	203620023	SURISSETTI KALYANI LAKSHMI	9.08
2020	3	203620020	SANTHOSHKUMAR J	8.97
2021	1	203621009	JAYANTI MAHA LAKSHMI	9.55
2021	2	203621015	PARTHIBAN C	9.43
2021	3	203621020	SOUNDARYA G	9.24

M.Tech. / DATA ANALYTICS

Batch	Rank	Roll Number	Name	CGPA
2020	1	205220021	SHANTANU	9.69
2020	2	205220001	AAYUSH JAIN	9.3
2020	3	205220016	PREETI KESHAVA LAKMAPUR	9.22
2021	1	205221008	DIDUGU PHANI SAI GANESH	9.58
2021	2	205221009	HIRAY YASH RAJESH	9.15
2021	3	205221015	NIKHIL RAJ	8.92

M.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	206120003	ANJALI GOENKA	9.7
2020	2	206120033	TRIVEDI PRAKSHAL	9.33
2020	3	206120015	KURU TAYUNG	9.29
2021	1	206121032	AGRAWAL SURBHI RADHESHAM	9.31
2021	2	206121025	NARODIA PARTH PANKAJBHAI	9.24
2021	3	206121013	DIBYENDU PAUL	9.19

M.Tech. / POWER SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2020	1	207120013	GRANDHE SRAVANI	9.78
2020	2	207120006	ASHISH TANDON	9.28

2020	3	207120029	SOMYA PANT	9
2021	1	207121022	SANNIDHI K V D SATYA SAI KRISHNA	9.3
2021	2	207121027	SHANKHA PRAMANICK	8.88
2021	3	207121024	SAROJ CHINA	8.78

M.Tech. / POWER ELECTRONICS

Batch	Rank	Roll Number	Name	CGPA
2020	1	207220010	DIPJOY DAS	9.3
2020	2	207220025	SHAHID JAWED	9.19
2020	3	207220021	PANDYA JAY DAMODAR	9.11
2021	1	207221001	ABIN JOSEPH SHABY	9.08
2021	2	207221026	SAJAL YADAV	8.9
2021	3	207221004	AMBATI VEERAVARDHAN REDDY	8.85

M.Tech. / COMMUNICATION SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2020	1	208120006	ANJU R S	9.65
2020	2	208120009	DEBRUP MUKHERJEE	9.56
2020	3	208120017	MANAVAPATI GOVARDHAN REDDY	9.35
2021	1	208121009	JOSYULA PADMAJA LAKSHMI	9.33
2021	2	208121013	KOTTURI SAI HARSHITHA	9.29
2021	3	208121011	KAMJULA DIVYA SRI	9.24

M.Tech. / VLSI SYSTEM

Batch	Rank	Roll Number	Name	CGPA
2020	1	208220008	GURUGUBELLI VASUDEVA RAO	9.88
2020	2	208220023	PAYAVULA SWATHI	9.56
2020	3	208220017	MAMIDI PRAVEEN KUMAR	9.3
2021	1	208221005	ARJIT GUPTA	9.33
2021	2	208221011	CHAUDHARI PRATHMESH RAOSAHEB	9.24
2021	3	208221020	PALAWAR VAISHNAVI	8.98

M.Tech. / INDUSTRIAL AUTOMATION

Batch	Rank	Roll Number	Name	CGPA
2020	1	210120006	DEVAKUMAR M	9.44
2020	2	210120010	KARTHIK R WARRIER	9.41
2020	3	210120021	SHANU SHARMA	9.02
2021	1	210121008	GORRIPATI SAI PAVANI	9.1

2021	2	210121013	P ABHISHEK	9.02
2021	3	210121010	HIMANSHU ASHUTOSH	8.85

M.Tech. / INDUSTRIAL SAFETY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	211220010	GANESH PATEL	9.55
2020	2	211220023	SREELAL P P	9.42
2020	3	211220002	ARNAB GHOSH	9.34
2021	1	211221018	SAURABH KUMAR GUPTA	9.12
2021	2	211221011	KANDORIYA SUMEET	9.1
2021	3	211221010	ILLIKKAL ABHINAV SURESH	9.02

M.Tech. / THERMAL POWER ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	211320005	CHEBOLU SANTOSH VARUN KUMAR	9.19
2020	1	211320020	RELKAR ATHARVA VILAS	9.19
2020	2	211320026	SONY ALIAS	9.17
2020	3	211320001	ARJU ARIF PRODHANI	9.14
2021	1	211321026	SEETHALA GOKULSAI	9.55
2021	2	211321035	YATNA BHAGAT	9.38
2021	3	211321029	SOUMYA RANJAN BEHERA	8.95

M.Tech. / WELDING ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	212120022	VIGNESHWARAN E	9.52
2020	2	212120020	SURESH P	9.09
2020	3	212120013	SANGAVI S	9.06
2021	1	212121006	DINESH KUMAR SHARMA	9
2021	1	212121017	SREEHARI M	9
2021	2	212121009	PIYUSH KUMAR	8.98
2021	3	212121005	BRIJESH KUMAR	8.85

M.Tech. / MATERIAL SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2020	1	212220019	VARSA P	9.31
2020	2	212220008	KAKARA SRI PUSHPA	9.14
2020	3	212220016	PARVESH KUMAR	8.95

2021	1	212221019	VARIKOOTI BHAVANI	9.41
2021	2	212221009	OM PRATAP SINGH	9.05
2021	3	212221001	ABHIKRISHNAN K P	9.02
2021	3	212221004	ANTONY M SEBASTIAN	9.02

M.Tech. / INDUSTRIAL METALLURGY

Batch	Rank	Roll Number	Name	CGPA
2020	1	212320013	SOUMYA NAYAK	9.49
2020	2	212320014	SUBHAM PAL	9.06
2020	3	212320008	NIDHI ROY	8.98
2021	1	212321005	MAYUR BHATTACHARJEE	9.37
2021	2	212321003	KURANE ASHISH SANJAY	8.95
2021	3	212321006	SIDDESH CHINCHOLI	8.51
2021	3	212321009	VENKAT PRASAD DANDSENA	8.51

M.Tech. / NON DESTRUCTIVE TESTING

Batch	Rank	Roll Number	Name	CGPA
2020	1	213120005	BHUPATHIRAJU ADITYA VARMA	9.3
2020	2	213120008	DEEPANSHU SURANIA	9.28
2020	3	213120004	ATUL SHARMA	9.25
2020	3	213120009	DESAM MADHU SUDHAN REDDY	9.25
2021	1	213121012	KESHAV SHARMA	9.42
2021	2	213121025	MANEESH SHETTY K	9.35
2021	3	213121024	PRASHANT KUSHWAHA	9.08

M.Tech. / MANUFACTURING TECHNOLOGY

Batch	Rank	Roll Number	Name	CGPA
2020	1	214120007	ANKIT NEGI	9.56
2020	2	214120028	SHIVAM KUMAR DWIVEDI	9.44
2020	3	214120024	REDKAR ARJUN GANPAT	9.23
2021	1	214121005	ARIJIT BERA	9.63
2021	2	214121018	KONDURI SOWMYA SAHITI	9.46
2021	3	214121006	ASTHA ARYA	9.2

M.Tech. / INDUSTRIAL ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2020	1	214220028	SUBRAMANYAM G	9.36
2020	2	214220021	ROHIT KANAKANNAVAR	9.33

2020	3	214220014	PARIKSHIT DINESH SARULKAR	9.19
2020	3	214220026	SHUBHAM BHARDWAJ	9.19
2021	1	214221005	BIDYADHAR SAHOO	9.4
2021	2	214221025	SENTHILKUMAR U	9.36
2021	3	214221028	SHIVAM AGGARWAL	9.31

M.ARCH / ARCHITECTURE

Batch	Rank	Roll Number	Name	CGPA
2020	1	201120012	PONRAJALAXMI R	9.55
2020	2	201120023	V ANUSHA THOMAS	9.38
2020	3	201120017	RISHABH PATEL	9.23
2021	1	201121013	NITIKA SUTTY	9.38
2021	2	201121001	ACHU PETER	9.05
2021	3	201121012	NIKITA JAIN	8.95
2021	3	201121015	PAVITHRA RAJ J S	8.95
2021	3	201121016	PUJARI PRANAV ARVIND	8.95

MBA / MANAGEMENT STUDIES

Batch	Rank	Roll Number	Name	CGPA
2020	1	215120095	SRIVASAN B	9.39
2020	2	215120010	AJAI MOHAN	9
2020	3	215120030	CHRISTINE JAMES	8.94
2021	1	215121012	ATHIRA K M	9.32
2021	2	215121066	RITIKA GUPTA	8.98
2021	3	215121095	AKSHAYA R	8.89

MSc / CHEMISTRY

Batch	Rank	Roll Number	Name	CGPA
2020	1	204120001	AFREEN HOORIYA NACERUDDIN	9.89
2020	2	204120024	SMRUTIRANJAN PANDA	9.46
2020	3	204120025	SNEHA JAMES	9.14
2021	1	204121015	PULKIT DHANKHAR	9.42
2021	2	204121022	VARSHA SATHISH POOJARY	9.32
2021	3	204121019	SUBHRA SANKAR PAL	8.97

MSc / COMPUTER SCIENCE

Batch	Rank	Roll Number	Name	CGPA
2020	1	205320005	ATULYA AKASH	9.55

2020	2	205320011	MOHIT KAUSHIK	9.24
2020	3	205320020	SHALU PATWARI	9.17
2021	1	205321024	SOUMYADIP GOSWAMI	9.11
2021	2	205321015	AHIRE RACHANA R SNEHAPRABHA	9
2021	3	205321007	MOUSUMI DUTTA	8.84
2021	3	205321022	SNEHA GUPTA	8.84

MSc / PHYSICS

Batch	Rank	Roll Number	Name	CGPA
2020	1	213220025	ZENIA ZURAIQ	9.79
2020	2	213220015	PATEL MAHAMMED SULEMAN	9.04
2020	3	213220006	FATHIMA SHIRIN PT	9
2021	1	213221016	POOJA SINGH TOMAR	9.39
2021	2	213221024	KANAPARTHI SRIKAR	9.26
2021	3	213221028	PRANAT KUMAR PANDA	9.24

M.Sc. / MATHEMATICS

Batch	Rank	Roll Number	Name	CGPA
2020	1	216120001	AJAY JOSEPH	9.9
2020	2	216120013	MUTHU KUMAR S	9.19
2020	3	216120020	SUBHADRAKUTTY R	8.97
2021	1	216121004	DSOUZA VIONA VALERIAN	9.38
2021	2	216121009	PALAK AHUJA	8.94
2021	2	216121011	PRIYAJYOTI DAS	8.94
2021	3	216121017	SHIVANI GARG	8.85

MCA / COMPUTER APPLICATIONS

Batch	Rank	Roll Number	Name	CGPA
2019	1	205119087	RUCHITA SINGH	9.41
2019	2	205119018	ANSHIKA PANDEY	9.17
2019	2	205119096	SHIVALI CHATURVEDI	9.17
2019	3	205119010	AMIT GUPTA	9.14
2019	3	205119025	BASHARAT NAWAZ	9.14
2019	3	205119097	SHIVAM SONI	9.14
2020	1	205120028	DIMPLE GYANANI	9.15
2020	2	205120084	SACHIN LALWANI	9.13
2020	3	205120002	AAYUSHI	9.1
2021	1	205121008	AISHWARYA TRIPATHI	9.47

2021	1	205121067	PARTH CHATURVEDI	9.47
2021	2	205121004	ABHILASH SINGH	9.45
2021	3	205121001	AASTHA SRIVASTAVA	9.21
2021	3	205121015	AMAN SINGH	9.21

M.A. / HUMANITIES

Batch	Rank	Roll Number	Name	CGPA
2020	1	209120006	CHRISTINA JOSHY	9.72
2020	2	209120001	AMALA KAVYA B	9.53
2020	3	209120004	BHUVANA SRI V	9.44
2021	1	209121012	NANDHITHA M	10
2021	2	209121006	DAN GEORGE	9.5
2021	3	209121007	DURGA VIJAYAKUMAR	9.42

5. 5. 2. Endowment Awards

Sl. No.	Name of the award	Roll No	Name
1.	Smt. G. S. Raja Lakshmi memorial award presented to First three Rank holder upto VII Semester in Chemical Engineering.	102119067	SANKALP DIXIT
		102119061	RAHUL MELKANI
		102119037	MAJETI SWETHA
2.	Dr. M. Shanmugam award for the First Rank holder upto VII Semester in Civil Engineering.,	103119004	ABHISHEK VIJAYAN
3.	Sri. Karchae endowment award for the best project in the department of Architecture	101117025	P ROOPENDRA KUMAR
4.	Sri. M. S. Balakumaran award for the best outgoing student of M.Tech. NDT	213121024	PRASHANT KUSHWAHA
5.	Prof. S. Muthukaruppan Endowment award for the second Rank holder in EEE Branch up to VII Semester.	107119051	ISHIKAA LUNAWAT
6.	Sri. Janardhana Iyengar memorial Award for the best Academic Performance in just concluded academic year.	108118084	SAI MITHERAN J
7.	Smt. Seethamma memorial award for the First Rank holder upto VII Semester in the ECE Branch.	108119107	SENTHILNATHAN S
8.	Dr. Sargurudoss memorial award for the Best performance in Mathematics in I Year B.Tech.	114121017	CHITRANSH JAIN
		114121014	B M MADHESH
9.	Sri. Avinash memorial award for the best outgoing female student of ICE branch	110119014	ARJITHA PARTHASARATHY
10.	Sri. Avinash memorial award for the best outgoing male student of ICE branch	110119078	PRANAVA JAIN

11.	Prof. Ibrahim / Dr.Sittaraman Award for the best outgoing student of DoMS	215121066	RITIKA GUPTA
12.	Prof. Thirumalaiarasan Award for the Topper in HR and OB Subjects in MBA	215121075	SHIVA C
13.	Srimathi Neela Balasubramanian Memorial Award for best out-going student in ECE branch	108119107	SENTHILNATHAN S
14.	Karthik S Memorial Award For the First Rank Holder upto VII semester in B.Tech Production Engineering.	114119112	S THANIKAI SATHIYAN
15.	Smt. Vijayalakshmi Kannan Memorial Award For the First Rank Holder upto VII semester in B.Tech. ECE	108119062	LAKSHYA JEYES
16.	Late S. Doraiswamy Memorial Award Forthe First Rank Holder upto III semester M.Tech. industrial safety Engineering.	211221018	SAURABH KUMAR GUPTA
16.	Sri. Ramanujam and Smt. Sundari Ramanujam Memorial Award for the first rank holder in English in B.Tech.	114121038	HEMANTH KANNAN A S
17.	Mr. Subash Chandrabose Endowment Award for the Best Outgoing in B.Tech.MME	112119068	SHIDDHARTHA R
18.	Dr. A. L. Abdus Sattar, Memorial Award for the outstanding student in III yearECE	108120043	HARSHINEE MURALI
19.	Mr. Oisik Adak endowment award for“Best Creative Designer” in the department of Architecture	101117009	DIVYA RAMASESHAN
20.	Joseph Martin Fernando trophy for excellence in the study and documentation of vernacular Architecture	101119041	PRANGYA PRIYADHARSHINI
21.	Dr. Josphine Frank Memorial Scholarship for Graphic Design	101119012	DINESH KUMAR R
22.	S J Chainlu medal of Excellence (For the First Rank Holder in the First year)		
	1. Chemical Engineering	102121070	SUJAL K S
	2. Civil Engineering	103121096	RUPPA JOGENDRA SAI
	3. Computer science and Engineering	106121099	RAGHAVAN BALANATHAN
	4. Electrical and Electronics Engineering	107121031	GAYATHRI RAJESH
	5. Electronics and Communication	108121051	JAYASHREE M
	6. Instrumentation and Control Engineering	110121002	AASHIKA G
	7. Mechanical Engineering	111121001	AADITYA VIJAY
		111121034	C SANJANA
	8. Metallurgical and Materials Engineering	112121072	VAIKUNDARAMAN T S
	9. Production Engineering	114121017	CHITRANSH JAIN
23.	Prof. J. Raja award (highest CGPA in all Accounting and Finance subjects in First Year MBA)	215122087	VISHAL KUMAR BOTHRA M

24.	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 7 th Semester and also be active in sports activities)	112119075	UMA SHEETAL BUDIDA
25.	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	112120036	RISHIKA M
26.	Best outgoing student of MME M/s Chennai Metco Pvt.Ltd Chennai	112119046	MUDIT KESHARWANI
27.	Metallographic contest winner of Metallurgical and Materials Engineering by M/s Chennai Metco Pvt.Ltd Chennai	112121058	SOURABH TIWARI
28.	Anjali Surendran Endowment Award for the best out-going undergraduate student from Production Engineering Department	114119051	KETKI SINGH
29.	Best NCC Cadet	112119030	GAYATRI KUMARI
30.	Dr.S.H. Ibrahim memorial award Best outgoing student in B.Tech. Chemical Engineering	102119061	RAHUL MELKANI
		102119067	SANKALP DIXIT
	Dr.S.H. Ibrahim memorial award Best Student in the Field of 'MASS TRANSFER' in B.Tech. (Chemical Engineering)	102119059	RAAVI NAAGE VAUSI
31.	RECT'78 alumni medal for the best outgoing girl student	110119014	ARJITHA PARTHASARATHY

5.5.3. Alumni Awards

ALUMNI AWARDS (B.Arch. / B.Tech.)

Sl. No.	Department	Roll No.	Name	CGPA
1.	Architecture	101118015	HRIDHAYA SUBRAMANIAM	9.16
2.	Chemical Engineering	102119067	SANKALP DIXIT	9.48
3.	Civil Engineering	103119004	ABHISHEK VIJAYAN	9.7
4.	Computer Science and Engineering	106119109	SALONI GORDHAN RAKHOLIYA	9.66
5.	Electrical and Electronics Engineering	107119056	J SOUNDARYA	9.9
6.	Electronics and Communication Engineering	108119107	SENTHILNATHAN S	9.66
7.	Instrumentation and Control Engineering	110119002	AATHITHYAN K K	9.44
8.	Mechanical Engineering	111119011	ANIRUDH SRIRAM	9.5
9.	Metallurgical and Materials Engineering	112119068	SHIDDHARTHA R	9.54

10.	Production Engineering	114119112	S THANIKAI SATHIYAN	9.54
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ALUMNI AWARDS (M.Arch./ M.Tech. / M.Sc. / MBA / MCA/ MA)

Sl .No.	Dept./Specialization	Roll. No.	Name	CGPA
1.	Architecture	201121013	NITIKA SUTTY	9.29
2.	Chemical Engineering			
	Chemical Engineering	202121013	KUMARAN NAGAPPAN K	8.89
	Process Control and Instrumentation	202221008	DHOLE SHUBHAM RAJU	9.56
3.	Energy and Environment			
	Energy Engineering	202321009	JADHAV NITIN DHANAJI	9.46
4.	Civil Engineering			
	Transportation Engineering and Management	203121004	ARNAV A BARNWAL	9.41
	Structural Engineering	203221020	ROHIT SUNIL DHANAWADE	9.41
	Environmental Engineering.	203421004	ALAYNA MARIYA	9.26
	Construction Technology and Management	203521030	DAMANJEET SINGH PAHUJA	9.71
	Geo Technical Engineering	203621009	JAYANTI MAHA LAKSHMI	9.43
5.	Computer Science and Engineering			
	Computer Science and Engineering	206121013	DIBYENDU PAUL	9.37
6.	Electrical and Electronics Engineering			
	Power Systems	207121022	SANNIDHI K V D SATYA SAI KRISHNA	9.46
	Power Electronics	207221001	ABIN JOSEPH SHABY	9.06
7.	Electronics and Communication Engineering			
	Communication Systems	208121009	JOSYULA PADMAJA LAKSHMI	9.48
	VLSI System	208221005	ARJIT GUPTA	9.48
8.	Instrumentation and Control Engineering			
	Industrial Automation	210121013	P ABHISHEK	9.25
9.	Mechanical Engineering			
	Industrial Safety Engineering	211221018	SAURABH KUMAR GUPTA	9.33
	Thermal Power Engineering	211321026	SEETHALA GOKULSAI	9.65
10.	Metallurgy and Materials Engineering			
	Welding Engineering	212121017	SREEHARI M	9.23
	Materials Science and Engineering	212221019	VARIKOOTI BHAVANI	9.55
	Industrial Metallurgy	212321005	MAYUR BHATTACHARJEE	9.28
11.	Production Engineering			
	Manufacturing Technology	214121005	ARIJIT BERA	9.71
	Industrial Engineering and Management	214221028	SHIVAM AGGARWAL	9.46

12.	Physics			
	Non Destructive Testing (M.Tech.)	213121024	PRASHANT KUSHWAHA	9.29
	Physics (M.Sc.)	213221016	POOJA SINGH TOMAR	9.35
13.	Chemistry			
	Chemistry (M.Sc.)	204121022	VARSHA SATHISH POOJARY	9.24
14.	Mathematics			
	Mathematics (M.Sc.)	216121004	DSOUZA VIONA VALERIAN	9.53
15.	Management Studies			
	Master of Business Administration	215121066	RITIKA GUPTA	9.15
16.	Computer Applications			
	Data Analytics (M.Tech.)	205221008	DIDUGU PHANI SAI GANESH	9.67
	Master of Computer Applications	205120002	AAYUSHI	9.21
	Computer Science (M.Sc.)	205321024	SOUMYADIP GOSWAMI	9.19
17.	Humanities & Social Sciences			
	English Language & Literature	209121012	NANDHITHA M	10

OTHER AWARDS (INSTITUTED BY RECAL)

Sl. No.	Name of the award	Roll No.	Name
1.	Overall Outstanding Student of the Year	102119067	SANKALP DIXIT
2.	Anand Chidambaram Memorial Award	102119025	GURU VIGNESH A M
3.	Outstanding Sportsman	111119131	THIRUVARASU T
4.	Outstanding Sport Woman	106119026	DEEKSHIKA TOMAR
5.	Best Batsman of the year	102119033	KEERTHI VASAN S N
6.	Best Bowler of the year	106119059	KIRAN KUMAR REDDY K

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	Citations	Publications in Q1 Journal Quartile by SJR*
1	Architecture	4	38	1
2	Chemical Engineering	64	4065	38
3	Chemistry	80	4011	45
4	Civil Engineering	116	2664	44
5	Computer Applications	81	1262	23

6	CSE	109	1164	21
7	EEE	101	2822	26
8	ECE	133	2153	16
9	Energy and Environment	27	508	7
10	HSS	31	97	10
11	ICE	41	901	11
12	Management Studies	32	871	9
13	Mathematics	42	1091	8
14	Mechanical Engineering	110	4244	22
15	MME	57	2115	11
16	Physics	53	2326	15
17	Production Engineering	133	3992	26

(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 2022-23

S. No.	Departments	Sponsored Projects		Consultancy (in Lakhs)	Revenue through short term courses (in Lakhs)
		Nos.	Values (in Lakhs)		
1.	Chemical Engineering	3	68.13	2.64	0.30
2.	Chemistry	4	163.35	2.19	0.00
3.	Civil Engineering	3	33.95	401.32	0.02
4.	Computer Applications	0	0.00	0.00	0.78
5.	Computer Science Engineering	3	27.07	11.58	1.78
6.	Electrical and Electronics Engineering	5	75.07	0.85	0.08
7.	Electronics and Communication Engineering	0	0.00	0.44	7.12
8.	Energy and Environment	1	10.05	2.25	2.82
9.	Humanities and Social Sciences		0.00	19.99	2.64
10.	Instrumentation and Control Engineering	2	40.84	0.00	3.20
11.	Management Studies	1	7.06	0.00	0.24

S. No.	Departments	Sponsored Projects		Consultancy (in Lakhs)	Revenue through short term courses (in Lakhs)
		Nos.	Values (in Lakhs)		
12.	Mathematics	1	49.00	0.00	2.14
13.	Mechanical Engineering	5	174.82	18.11	0.03
14.	Metallurgical and Materials Engineering	3	242.36	15.35	4.36
15.	Physics	3	41.79	0.14	0.00
16.	Production Engineering	4	272.14	3.98	0.00
17.	Siemen Centre of Excellence	0	0.00	0.772	10.021
18.	Others(BIS & MSME) O/o Dean R&C	2	107.00	0.00	0.45
Total		40	1312.64	479.622	35.981

5. 6. 3. Details of Sponsored projects for the Financial year 2022-23

S. No.	Name of PI/ Co-PI	Depart ment	Title of the Project	Funding Agency	Sanctioned amount(Rs.)	Sanctioned order Date
1	Head of the Department	Maths	DST-FIST	DST	4900000	No.SR/FST/MS- I/2020/74(C) Dt:31.03.2022
2	MS.Sindhuja Selvam Guide :Dr.Mageswari Sannasy	EEE	Analysis and design of modified SEPIC converter with wide bandgab device for high frequency application	TIE	80000	R.6/2/DR/2021- 22/DR2022004 DT:22.04.2022
3	Mr.Bhanu Prakash Rachaputi Guide :Dr.R.L Josephine	EEE	'Solar PV FED Modified induction motor drive (MIMD) For water pumping Application"	TIE	620000	R.6/2/DR/2021- 22/DR2022005 DT:22.04.2022
4	Dr.S.Suresh	MECH	Development of ammonia based flexible heat pipe for space application	ISRO- STIC	2499112	YS/PD-IP 344
5	Dr.Shelas Sathyan	EEE	Development of Bi - directional Battery charger - Discharge Regulator (BCDR)	ISRO- STIC	2016000	YS/PD-IP 345
6	MS.JAYASUD HA J B Mentior:K.MUT HUKUMAR	CHL	INSPIRE FELLOW	DST - INSPIR E	458960	DST/INSPIRE FELLOWSHIP/20 20/IF200221 DT:9.7.2022

7	MR.NAYAK RAM MENTIOR :ANNAPREDD Y	PHY	INSPIRE FELLOW	DST - INSPIR E	458960	DST/INSPIRE FELLOWSHIP/20 20/IF200248 DT:9.7.2022
8	Dr.Duraiselvam M	PRO	DESIGN AND DEVELOPMENT OF ROBOTIC BASED CONTINUOUS FIBERADDITIVE MANUFACTURING SYSTEM	DRDO	22455400	ERIP/ER/2022010 01/M/01/1799 DT:02.05.222
9	Dr. R.Nagalakshmi	PHY	Mn based melt spun ribbons for magnetic colling of naval equipments	DRDO	3323700	NRB/4003/MAT/P G/495 DT:24.05.2022
10	Dr.S.Suresh	MECH	DST-Materials MAP	DST	6125716	DST/TMD/IC- MAP/2K20/03(C)
11	DR.Sarthak Mandal	CHY	Collaborative research for accelerated development of materials & devices for energy harvesting and conservation Technologies	DST	7323628	DST/TMD/IC- MAP/2K20/03(C)
12	Dr.kamal krishna Bera	CIV	Vibration control of wind turbine blade	SERB	1814720	SRG/2022/000774 DT:06.10.2022
13	Dr.kamalika battacharjee	CSE	Cellular automata based high quality pseudo random number generation for hardware security	SERB	676280	SRG/2022/002098 DT:04.10.2022
14	Dr.Sitara	CSE	Cyber Bullying awareness and Prevention using emotion based gaming Application	SERB	1370400	SRG/2022/001865 DT:21.10.2022
15	Mr.A.Rasid	PHY	Magnetism for environmental remediation	MSSP	396663	-
16	Dr.Senthilkumar	CIV	Research on waterproofing and Retrofitting of structural Members	DYNAR M	575000	
17	Dr.M.Sridevi	CSE	Development of computer vision system for an AI assistant	ISRO- STIC	660000	
18	Dr.S P Sivapirakasam	MECH	“Development of New Electrode Using 92% Rutile Grade Flux with Improved Operability and Industrial	IREL	1956960	IREL/TDC/OM/22 -23 DT:21.09.2022

			Applicability”			
19	Dr.P.Sridevi	MBA	Exploring the Factors Influencing - Women Police Personnel Work Performance and Women complainants	NCW	706453	16(86)/2022-23/NCW/(RS) DT.29.09.2022
20	Dr.R.Karvembu	CHY	Employing in-cell catalysis for cancer therapy: Design of N, N-Coordinating ligands and their ruthenium-arene complexes	SERB	763800	File No.CRG/2022/003 145 DT.08.12.2022
21	Dr.R.Anand	MECH	Sustainable Energy-Efficient Green Ammonia Production by Plasma-water Interface	SERB	3627000	File No.EEQ/2022/000 310 DT.02.02.2023
22	Dr.RL.Josephine	EEE	Auxiliary inverter development for steering pump motor used in E-mobility	RANE	600000	File No.4300-4900151976 DT.29.09.2022
23	Dr.D.Nagarajan	MME	Study of room temperature forming behaviour of CP-Ti and Ti-6Al-4V alloy sheets during the incremental forming process for carnial applications	SERB	4147000	CRG/2022/005152 Dt:14-02-2023
24	Dr.S.P.Kumares h Babu	MME	Prevention of premature failures and enhancing life of bottom rollers used in bucket wheel excavators	CMPDI	14677000	CMPDI/MT-175/334 Dt:12-10-2022
25	Dr.Vaira Vignesh Mentor:Dr.P.Sat hiya	PRO	SERB TARE	SERB TARE	1,005,000	TAR/2022/000582 Dt:18-11-2022
26	Dr.N.Samsudee n	CHL	Energy Conservative Approach towards sewage water treatment integrated with power generation and Desalination using exoeletrogen and Algal Biocathode	DST	5349369	DST/TMD/EWO/WTI/DM/2021/21 3© Dt::24-03-2023
27	Dr.SriramShank ar Rajadurai	ICE	Development of a multi-axis actuation system for the probe in sub-surface scanning probe microscopy	SERB	3078900	"SRG/2022/00141 9-G Dt:19-01-2023"
28	Dr.V.Satheeshk	PRO	Development of a	SERB	660000	MTR/2022/000541

	umar		mathematical system for performance evaluation of biodegradable plastic products towards environmental protection and lightweight sandwich structured artificial foot for below knee amputees			Dt:29-12-2022
29	Dr.P.Srinivasarao Nayak	EEE	Implementation and Performance Evaluation of Dynamic Wireless Electric Vehicle Charging System	SERB	4191264	EEQ/2022/000867 Dt:14-02-2023
30	Dr. Gobinath VK Mentor: Dr.G.Uma	ICE	SERB TARE	SERB TARE	1005000	TAR/2021/000173 Dt: 21-12-2021
31	Dr.Santhosh Kumar Mentor:Dr.M.Premalatha	DEE	SERB TARE	SERB TARE	1005000	TAR/2022/000608 Dt: 24-11-2022
32	Dr.R.Anand / Dr.K.M Meera S.Begum	MECH	Life Cycle assessment of CO ₂ reduction by energy efficient hybrid biomass pyrolysis and gasification	DST BRICS	3273540	DST/TMRCD/BRICS/PilotCall3/CO ₂ - CarbonDioxide/2019(G) Dt:02-01-2023
33	Dr.S.Kumaran	MME	Tuning Figure of Merit of Nanocrystalline Bi-Sb-Te-Se-Sn Thermoelectric Alloys via High Entropy Phenomena and Band Engineering	SERB	5412000	
34	Dr.Jothi Lakshmi Nallasivam	CHY	Photoredox catalyzed radical cross coupling reaction:Strategic utility towards bioactive heterocycles	SERB	5358300	EEQ/2022/001009 Dt:14-03-2023

5. 6. 4. Patents Published in the calendar year 2022

Sl. No	Title of the Invention	Inventors	Department	Patent Application No
1	MEMBRANE FREE CYLINDRICAL CAPACITIVE DEIONIZATION(CDI) SYSTEM FOR THE BRACKISH WATER TREATMENT	MEERA SHERIFFA BEGUM KADHAR MOHAMMED, SAMSUDEEN NAINA MOHAMMED, VIGNESHHWARAN	CHL	202241050994

		GANESAN		
2	CONCENTRIC TRIPLE CHAMBERED MICROBIAL DESALINATION CELL	SAMSUDEEN NAINA MOHAMMED, KALAICHELVI P, SANDHYA P	CHL	202241050996
3	BIO-OIL FROM CASSIA FISTULA SEED PODS AND METHOD THEREOF	ANAND RAMANATHAN, DINESHKUMAR M, HRISHIKESH BABASAHEB GAIKWAD	MECH	202241050026
4	A PROCESS FOR HIGH-GRADE TRANSPORTATION FUEL PRODUCTION FROM NON-WOVEN FABRIC WASTE	ANAND RAMANATHAN, DINESHKUMAR M, UTHAYAKUMAR AZHAGU	MECH	202241046986
5	NANO-ENHANCED PHASE CHANGE MATERIAL (NEPCM) FOR REVERSIBLE THERMOELECTRIC POWER GENERATION	Dr. SIVAN SURESH, Dr. KRISHNADASS KARTHICK	MECH	202241034294
6	DUAL POLARIZER BASED ON SUBSTRATE INTEGRATED WAVEGUIDE CAVITY AND METHOD THEREOF	Dr. VARIKUNTLA KRUSHNA KANTH, Dr. SINGARAVELU RAGHAVAN	ECE	202241031140
7	CAVITY BASED FREQUENCY SELECTIVE LINEAR-TO-CIRCULAR POLARIZING C-SANDWICH AIRBORNE RADOME FOR STRATEGIC APPLICATION	Dr. VARIKUNTLA KRUSHNA KANTH, Dr. SINGARAVELU RAGHAVAN	ECE	202241031141
8	DUAL-GENERATION MIMO ANTENNA WITH DB-BPF CHARACTERISTICS FOR 4G AND 5G BTS APPLICATIONS AND METHOD THEREOF	SRIRAM KUMAR D, ROJA VADLAMUDI	ECE	202241022910
9	LOGIC ENCRYPTION DECRYPTION SYSTEM FOR PROTECTING HARDWARE CIRCUITS AND METHOD THEREOF	N. RAMASUBRAMANIAN, MANJITH B.C.	CSE	202241011401
10	COLD-FORMED STEEL-CONCRETE COMPOSITE BEAM WITH A PREFABRICATED SHEAR CONNECTOR AND METHOD THEREOF	Dr. BAHURUDEEN A ,Dr. P. JAYABALAN ,Dr. R. SENTHILKUMAR ,M. DIVYA	CIVIL	202241021753
11	AUTOMATED PAVEMENT DISTRESS DETECTION DEVICE AND METHOD THEREOF	DR. SUNITHA V. ,JANANI L. ,P. SARATH CHANDRA	CIVIL	202141017539
12	A NOVEL FLUX COMPOSITION FOR STAINLESS-STEEL SMAW ELECTRODES WITH MILD STEEL	B. R. VISHNU ,DR. S. P. SIVAPIRAKASAM ,DR. SREEJITH MOHAN ,G.	MECH	202141005994

	CORE WIRE	JEYABALAGANESH ,M. RAHUL ,R.K. RAAJESH KANNAN		
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5. 6. 5. Patents granted in Calendar year 2022

Sl. No.	Title of Invention	Inventors	Department	Application No	Patent No.
1	ANTI-MANIPULATION COMBINATION LOCK DEVICE AND METHOD THEREOF	GIRITHAR T A ,K. YUVAPRASHANTH ,KUNAL YADAV ,NIRANJAN KUMAR P ,ROHIT SURYA K ,YASH PRAKASH	CIVIL	202141045150	410336
2	REAL-TIME DIGITAL FAULT MONITORING SYSTEM FOR TRANSMISSION LINES IN AUTONOMOUS POWER GRIDS AND METHOD THEREOF	DR. GOPAKUMAR PATHIRIKKAT ,DR. M. JAYA BHARATA REDDY	EEE	201941022285	388584
3	COLD-FORMED STEEL-CONCRETE COMPOSITE BEAM WITH A PREFABRICATED SHEAR CONNECTOR AND METHOD THEREOF	Dr. R. SENTHILKUMAR, M. DIVYA, Dr. BAHURUDEEN A , Dr. P. JAYABALAN	CIVIL	202241021753	414619
4	A PROCESS OF SYNTHESIS OF 5,5'-(FURAN-2,5-DIYL)BIS(THIOPHENE-5,2-DIYL)DIMETHANOL	DR. RAMASAMY KARVEMBU, SEENUVASAN VEDACHALAM, NITHYA MURUGESH,	CHY	202141042633	405546
5	BIOGENIC PICKLING SOLUTION FOR MILD STEEL	ASHOK MAHALINGAM, MUTHUKUMAR KRISHNAN, HARINEE SUBRAMANIAN, ARTHUR JAMES RATHINAM, VIGNESH SIVANANDHAM, SANTHOSH GOKUL MURUGAIAH, HENCIYA SANTHASEELAN, PALANICHAMY SEENI, SUBRAMANIAN GOPALAN, RAJKUBERAN CHANDRASEKARAN, MATHIMANI THANGAVEL	PHY	202141026551	391300

6	PORTABLE VIBRATING SHEEPSFOOT COMPACTOR AND METHOD THEREOF	DR. DEENDAYAL RATHOD, MOHAMMED SHAKEEL ABID	CIVIL	202141013980	396927
7	A NOVEL FLUX COMPOSITION FOR STAINLESS-STEEL SMAW ELECTRODES WITH MILD STEEL CORE WIRE	DR. S. P. SIVAPIRAKASAM, DR. SREEJITH MOHAN, M. RAHUL, B. R. VISHNU, R.K. RAAJESH KANNAN, G. JEYABALAGANESH	MECH	202141005994	410768
8	A MULTI-DIRECTIONAL DISPLAY DEVICE TO ENABLE ACTIVE USER SCREEN TIME AND METHOD THEREOF "	DR. B. JANET	CA	202141002355	400556
9	SINGLE AXIS SOLAR TRACKING SYSTEM AND METHOD THEREOF	DR. SISHAJ P SIMON, DR. K. SUNDARESWARAN, DR. P. SRINIVASARAO NAYAK, KRISHNA KUMBA, MOHAMMED MANSOOR O, VENKATESWARLU GUNDU	EEE	202041040239	394395
10	IOT BASED SMART MULTI-FUNCTIONAL VENTILATOR SYSTEM AND METHOD THEREOF	DR. M. DURAISELVAM, ARAVINDAKSHAN G A,JOYBE J MATHEW, DR. SUMATHI SOKKANARAYANAN, DR. MITHILEYSH SATHIYANARAYANAN, BHUVANESHWARI LOGANATHAN	PRO	202041036386	402746
11	Shape Guided Rotary Actuator for Grippers and Method Thereof	BANU SUNDARESWARI M. ,DR. DHANALAKSHMI K, THEN MOZHI G.	ICE	202141023226	416063
12	SURGE SUPPORTER (AN ALTERNATIVE POWER SUPPLY SYSTEM FOR AN AUTOMOBILE)	LAKSHMI ANNAMALAI KUMARASWAMIDHAS,GANESAN SARAVANA ILANGO,PRASHANT KRISHNA PANNEERSELVAM	MECH	2409/CHE/2012	415975
13	Cylindrical Substrate Coating Apparatus and Method Thereof	DR. S.P. SIVAPIRAKASAM,M. RAHUL,B.R VISHNU,DR. SREEJITH MOHAN	MECH	202041025422	415556
	Design Patent				

14	AUTOMATED DIGITAL BODY MASS INDEX(BMI) MACHINE	DR.R.PERIYASAMY	ICE	364301-001	5/17/2022
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5. 6. 6. Faculty Awards for the Year 2022-2023

Best Performance in Teaching, Research and Institutional Development

Sl. No.	Name of the Faculty	Designation	Department
	Assistant Professor		
1.	Dr. B. Janet	Assistant Professor	Computer Applications
2.	Dr. R. Senthil Kumar	Assistant Professor	Civil Engineering
3.	Dr. D. Nagarajan	Assistant Professor	Metallurgical and Materials Engineering
4.	Dr. S. Marisamynathan	Assistant Professor	Civil Engineering
5.	Dr. Ganesh Chandra Nandi	Assistant Professor	Chemistry
6.	Dr. Santhanavijayan A	Assistant Professor	Computer Science and Engineering
	Associate Professor		
7.	Dr. S. Saravanan	Associate Professor	Civil Engineering
8.	Dr. V. Sunitha	Associate Professor	Civil Engineering
9.	Dr. R. Anand	Associate Professor	Mechanical Engineering
	Professor		
10.	Dr. S. Anandan	Professor	Chemistry
11.	Dr. K. Muthukkumaran	Professor	Civil Engineering

Best Innovator Award:

Sl. No.	Name of the Faculty	Designation	Department
1	Dr. S. P. Sivaprakasam	Professor	Mechanical Engineering

Appreciation Certificate

Sl. No.	Name of the Faculty	Designation	Department
1	Dr. Sishaj P Simon	Professor	Electrical and Electronics Engineering
2	Dr. M. Jaya Bharata Reddy	Professor	Electrical and Electronics Engineering
3	Dr. R. Periyasamy	Assistant Professor	Instrumentation and Control Engineering
4	Dr. R. Senthilkumar	Assistant Professor	Civil Engineering
5	Dr. Sreejith Mohan	Assistant Professor	Mechanical Engineering
6	Dr. M. Ashok	Professor	Physics
7	Dr. R. Anand	Associate Professor	Mechanical Engineering

5. 6. 7. Budding Researcher Award for the year 2022-2023

Ph.D. Research scholars:

Sl. No.	Name	Roll Number	Department
1.	Mr.Rahul M	411119008	Mechanical Engineering
2.	Mr.Dinesh kumar M	411118002	Mechanical Engineering
3.	Mr.Lella Kranthi Kumar	405119002	Computer Applications
4.	Mr.Kottala Ravi Kumar	411118004	Mechanical Engineering
5.	Mr.Manivel M	403919003	Civil Engineering
6.	Ms M. Divya	403117052	Civil Engineering
7.	Mr.Biny R. Wiston	413117004	Physics
8.	Mr.Padala Raja Shekar	403121003	Civil Engineering
9.	Mr.Pujari Venkata Yeswanth	408320001	Electronics and Communication
10.	Mr.Abhijna Krishna R	404120001	Chemistry
11.	Mr.Nagarjuna Kumma	411119007	Mechanical Engineering
12.	Mr.A.Mariselvam	407119001	Electrical and Electronics Engineering
13.	Ms Rasin. PV	404119004	Chemistry
14.	Mr.Appasami. G	405119052	Computer Applications
15.	Mr.Vempally Muthya Goud	417119001	Energy and Environment

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.

Engineering Discipline:

Department of Civil Engineering

Non-Engineering Discipline:

Department of Physics

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. 31,000/- pm for 1st year and 2nd year (JRF) and Rs. 35,000/- pm for 3rd, 4th and 5th year (SRF).

6. 1. 3. Scholarship Details

Central Government Scholarship:

Sl. 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:

Sl. 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:

Sl. 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 **2022-2023** are as follows: (Refer to NIRF document)

Sl. 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.	618	Nil	109	102
2	B.Arch.	20	Nil	19	Nil
3	M.Tech and M.Arch	Nil	1112	Nil	Nil
4	M.Sc., and MBA	103	Nil	42	10
5	MCA	51	Nil	Nil	Nil

For the Academic year 2022-23, SAF was on process for first-year admitted students AY 2022-23

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. 31,000/- pm for 1st year and 2nd year (JRF) and Rs. 35,000/- 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.

Sl. No.	Department	No. of Scholars in Ph.D.
1.	Civil Engineering	01
2.	Computer Science and Engineering	05
3.	Electrical & Electronics Engineering	04
4.	Electronics and Communication Engineering	03
5.	Instrumentation and Control Engineering	01
6.	Metallurgical and Materials Engineering	01

DEPARTMENTS

7. 1. ARCHITECTURE

The Department of Architecture was started in the year 1980, offering B.Arch. with an intake of 15 students. At present, the department offers one Under-Graduate programme (B.Arch.), one Post-Graduate programme (M.Arch. in Energy Efficient and Sustainable Architecture), and a research programme (Ph.D.) in Architecture and allied fields. The Department of Architecture is well recognized as one of the top institutions offering Architecture education and ranked **5th position in the NIRF**.

The facilities of the department include a separate computer lab for UG and PG students with all required software, a Building science laboratory, Model making workshop, a department library, a Construction yard, and a materials museum. The faculty members are also carrying out architectural consultancy works. Faculty members are involved in research and published research papers in national and international journals as well as presented papers in international conferences

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	3	
2.	No. of books / books chapters published	Books	Book chapters
		NIL	4
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		NIL	NIL
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		1	75
5.	No. of Patents	Filed	Published
		NIL	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		7	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		NIL	21
8.	Guest Lectures	Delivered	Organized
		NIL	NIL
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		NIL	NIL
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		NIL	NIL
11.	Ph. D graduation details	Regular	Part Time
		2	NIL

ARCHCULT is an esteemed Annual Architecture Symposium organized by the Department of Architecture, NIT Trichy, which is widely acclaimed and regarded as one of the most soughtafter Symposium for students to participate in. This symposium is exclusively conducted by students of architecture under the expert guidance of their esteemed faculty advisor, Amalan Saushik and HOD, Dr. K Thirumaran. Archcult 2022 was

a grandiose event that featured seven keynote speakers, including eminent architects such as Ar. Hafeez Contractor, Ar. P Chandranesan, and Ar. Aastha Kacha. The event also comprised of five hands-on sessions conducted by renowned Architects, including Ar. Kishore Panikkar, and seven workshops on diverse topics such as AR & VR, 3D printing, REVIT and LUMION, amongst others. The formal academic competitions organized as a part of Archcult 2022 were the ZAKYANTA Architectural design competition, VIDYUT Product design competition, GYATVA Thesis design competition, ADRSYA Photography competition, CHYTRA Graphic design competition, and COMIC CLUES Comic art competition. In addition, several informal events were conducted, such as the Miniature competition, Sketching competition, 3D modelling competition, and Quiz competition. The participants from all the participating colleges were extremely enthusiastic and active in taking part in these competitions. The event was highly appreciated by all the delegates who expressed that it was an eventful and knowledge-gaining experience that offered them immense learning opportunities.

The National Association of Students of Architecture (NASA) is an esteemed student organization comprising architecture students with the objective of promoting awareness and welfare of architecture as a career. The work done by each college for NASA trophies is presented at the Annual NASA Convention (ANC) every year, ANC is a world-renowned design event that features students from all architecture colleges in India and neighbouring countries who compete against each other in various design trophies classified on the basis of unique themes such as design for the future, Sustainable design trophies, design for resilience, design for different income groups, design for gender equality and product design. Last year, ANC was conducted at Christ University between 01-06-2022 to 04-06-2022 and witnessed an overwhelming response from more than 2700 delegates from all over India and neighbouring countries. The Department of Architecture, NIT Trichy achieved a remarkable feat by clinching the citation in the highly coveted Laurie Baker Trophy, a testament to the strenuous efforts put in by the students. Moreover, the work of NIT Trichy was highly appreciated by the panel, as they were shortlisted in the top 24 for the Annual NASA design competition and in the top 18 for the GRIHA trophy.

Our department Students are actively participating and qualifying in the professional credentials like Indian Green Building Council (IGBC), Leadership in Energy & Environmental Design (LEED) and Green Rating for Integrated Habitat Assessment (GRIHA).

Faculties were nominated to attend the Training of Trainers (ToT) Workshop on Architecture Design Studio Workshop organized by Indian Institute of Technology Bombay. The workshop was a part of the National Disaster Management Authority Project on Development of Resource Material on Earthquake Engineering.



Batch 2024, with the Laurie Baker Trophy in the Annual NASA Convention 2022



Students' interaction with Architect Mahesh Radha Krishnan during ARCHCULT 2022.

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 with a group of well qualified faculty, staffs and motivated students. The department's vision is to be a global centre of academic and research excellence to serve the society.

Chemical Engineering department, NITT is recognized as one of the leading department offering B.Tech. (Chemical Engineering), M.Tech. (Chemical Engineering), M.Tech. (Process control and Instrumentation) in collaboration with ICE department, and Ph.D. programme. The National Board of Accreditation (NBA) has granted all PG and UG courses offered by the department, the A (+3) certification for 3 years. The curriculum is revised periodically to fulfill the current requirements and developments in the process industries and International & national research organizations.

The Department has built up good research, analytical, instrumentation and computational facilities through funding from the Ministry of Human Resources Development and research projects from Government Agencies and Industry. Our publications are featured in top journals with high impact factor. Core research specialization of the Department includes Energy (Alternate fuels, fuel cell technology, bio-energy), Environment (Biochemical and bioprocess separations, wastewater treatment, membrane technology, sonochemical processes, electrochemical operations), Process control (Linear and non-linear predictive control, modeling) and Advanced Materials (Particulates, functional materials). The Department is proud to share that our Alumni occupies prestigious positions across the globe. Our students actively participate in various interdisciplinary curricular, co-curricular activities and brought many laurels.

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.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	66	
2.	No. of books / books chapters published	Books	Book chapters
		04	NIL
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		05	110.69
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		01	5.4
5.	No. of Patents	Filed	Published Granted
		02	03 NIL
6.	Conference / Seminar / Symposia /	National	International

	Workshops organized by the Department	01	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		08	15
8.	Guest Lectures	Delivered	Organized
		05	04
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		02	05
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		03	25.2
11.	Ph. D graduation details	Regular	Part Time
		05	NIL



Dr S H Ibrahim Memorial Lecture

By Mr Venkatamurugan NS

Head - Technical India & Operations (World Glass Complex)

Saint-gobain India Pvt Ltd

Title: Glass manufacturing process - Safety and sustainability

Date: 17.03.2023

7.3 CHEMISTRY

The Department of Chemistry was established in 1971 occupying the left wing of OJAS building is DST-FIST sponsored. The Department of Chemistry possesses excellent facilities and sophisticated equipment for the students during their course of study. The Department has five laboratories namely, B.E/B.Tech. lab, PG lab, Instrumentation lab, Computer lab and Research lab, which are well equipped to meet the demands of the students. The sophisticated equipments are housed in ground floor of OJAS building

The Department has a long history of providing PG programmes to students from all over India. Our students contribute immensely to the unique character of the department with a high level of scholarly achievements. The Department continues to be recognized as one of the major post-graduate centres in Chemistry in Tamil

Nadu and has been cited for our excellence. Recent achievements include a collaborative investigation study with University of Melbourne, Australia, Kaohsiung Medical University, Taiwan towards the development of the food nutrients.

The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the challenging trends of the industry and the research laboratories. Dr. R. Karvembuis one of the Top cited author in European Journal of Inorganic Chemistry and also he received Distinguished Alumnus Award from St. Joseph's College, Trichy.

Dr.S.Velmathi received Tamil Nadu Scientist award (TANSA) Tamilnadu from State Council of Science and Technology (TNSCST)- State Govt.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	102	
2.	No. of books / books chapters published	Books	Book chapters
		NIL	10
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		03	114.73
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5.	No. of Patents	Filed	Published Granted
		NIL	NIL 02
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		02	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		11	05
8.	Guest Lectures	Delivered	Organized
		37	NIL
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		NIL	NIL
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		02	13.00
11.	Ph.D. graduation details	Regular	Part Time
		05	NIL



a) Horizon-22, National Level Student's Annual Symposium, October 14 – 15, 2022.



b) Science of Synthesis-Road Show by Theme Publishers on Art of Scientific Writing, February 8, 2023

7.4 CIVIL ENGINEERING

Civil Engineering is one of the oldest departments that started along with the inception of the then Regional Engineering College Tiruchirappalli in 1964. The department offers 1 UG & 4 PG regular programmes such as Transportation Engineering and Management, Structural Engineering, Environmental Engineering, and Geotechnical Engineering. The department also offers L&T sponsored M. Tech. programme on Construction Management & Technology under the Build India Scholarship programme of L & T Ltd, Chennai. At the moment, more than 80 research scholars are carrying out Ph.D. & MS research studies. The department is backed by highly qualified & experienced faculty & our faculty members are very active in teaching, research, industrial projects, & consultancy activities. Workshops were organized during the academic year 2022-23, which facilitated insight into the latest engineering developments & innovative ideas in research in the various fields of Civil Engineering. DST has sanctioned Rs Eighty-one lakhs under FIST grant for Department of Civil Engineering. The department association (CEA) has conducted MOMENTS, a technical symposium, and has arranged workshops and guest lectures from reputed industries and organizations. The department of civil engineering and B-hive students club inaugurated the ICI student chapter in the institute. The department has excelled with prestigious awards & fellowships received by the faculty & students. Many faculty members received sponsored research projects for over one crore from various funding agencies such as DST-SERB, NRIDA, etc. The consultancy services are rendered by various government agencies such as NRIDA, Indian Railways & state government organizations (about 3.23 Crores). Our Students are able to get an internship in leading Indian Institutes such as I.I.T.s, I.I.Sc. & other prominent industries, & also received prestigious fellowships (Mitacs, SRIP, DAAD). Our faculty members excelled in curricular and co-curricular activities and encourage the students to excel too. Also, they are committed to societal focus and also to

conduct cutting edge research.

Dr. S. Jayalekshmi was selected as AICTE peer reviewer / translation to Tamil for the topic: (Civil Engineering: Societal and Global Impact) . She served as the Expert Member evaluating NRDC Awards in 2021 Conducted in 2022 and serving as NRDC Domain Expert for evaluating the Innovation Products in Heavy and Mining Industries of Government of India. Dr.S.Saravanan is one of the High Level Technical Committee Member for Cauvery Basin, Tamil Nadu and received JAL VIGYAAN PURASKAR 2022 awarded by ISH, Springer and received from Shri.Rajendra Singh, the Water Man of India and famous conservationist. Dr Prabha Mohandoss was awarded FIST funding for Developing Mechanical Characterisation of Civil Engineering Materials (McCEM) – Thermo mechanical facility in the department of Civil Engineering, NITT for about 83 Lakhs. In addition she was awarded “ACI Outstanding University 2022, among 53 institutions across the globe due to the active participation of Builder’s hive team, Department of Civil Engineering, NITT, on Feb 2023.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
1.	Articles (SCI / SCIE / Scopus / WoS)	105		
2.	No. of books / books chapters published	Books	Book chapters	
		1	22	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)	
		5	93.95	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		48	323.229	
5.	No. of Patents	Filed	Published	Granted
		3	1	2
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		4	1	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		10	25	
8.	Guest Lectures	Delivered	Organized	
		40	1	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	6	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		5	73.37	
11.	Ph. D graduation details	Regular	Part Time	
		8	3	



Dr.S.Saravanan receiving "JAL VIGYAN PURASKAR 2022" Best journal Paper Award from "ISH JOURNAL, Springer" at HYDRO 2022 conference, PEC Chandigarh on 24.12.2022
(a)



One day MSME Awareness Programme on Advanced Design Techniques for Food Industries at Tanjore on 11.03.2023
(b)



Inauguration of Indian Concrete Institute (ICI) student chapter on Feb 6, 2023
(c)



Awarded outstanding University 2021 by American Concrete Institute for the student's activity
(d)

7.5 COMPUTER APPLICATIONS

The Department of Computer Applications, since its inception has pioneered in Information Technology by offering courses such as Master of Computer Applications (MCA), Master of Science (M.Sc.) in Computer Science and M.Tech. in Data Analytics. With fourteen regular faculty members the department is actively involved in research through funded research projects like NRB-DRDO, DRDO, CDAC Trivandrum, Project Management Consultancy, etc. The faculties have conducted eight workshops. Organized three guest lectures and have published seven book chapters. Dr. S.Domnic received Innovative Idea Award (Rs.40K) from Vishlesan I-Hub, IIT Patna.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	NIL	
2	No. of books/books chapters published	Books	Book chapters

		1	7
3	Sponsored Projects	Numbers	Amount (in Lakhs)
		NIL	NIL
4	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5	No. of Patents	Filed	Published
		NIL	Granted
			NIL
6	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		8	NIL
7	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		NIL	9
8	Guest Lectures	Delivered	Organized
		12	3
9	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		3	NIL
10	Major Equipment (more than Rs.5.00 lakhs)	Number	Amount (in Lakhs)
		NIL	NIL
11	Ph. D graduation details	NIL	

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. in Computer Science and Engineering) and research programmes (M.S. and Ph.D.) in the various fields of Computer Science and Engineering. Four faculty members joined the department in the academic year 2022 – 2023 at the Assistant Professor Grade II level and making the total faculty strength of the department as 24. The department has proven its excellence in research by publishing 84 papers in reputed journals and conferences that are indexed in prestigious databases like SCI, Scopus, IEEE, etc., for the year 2022 - 2023. The faculty and students of the department have received awards and fellowships. The department association (CSEA) has conducted VORTEX, a technical symposium and has arranged workshops and guest lectures from reputed industries and organizations. Kamalika Bhattacharjee was invited as a guest of the Theory & Logic Group (FB Theorie und Logik, 192/5) of the Institute of Logic and Computation at the Vienna University of Technology (TU Wien) from August 14 to August 27, 2022 for two scientific talks. Dr. M. Sridevi had won Winner – Smart India Hackathon 2022 (National Recognition), Ministry of Education's Innovation Cell. Dr. R. Mohan received Best Paper Award in conference (ICRTITA 22)- Conference Proceedings Series on Intelligent Systems Data Engineering book series and also he has been appointed as ASSOCIATE NCC OFFICER of NIT Tiruchirappalli

Summary (AY 2022 – 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	49	
2.	No. of books / books chapters published	9	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)

		5	58.67	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		1	Rs. 15.33 Lakhs	
5.	No. of Patents	Filed	Published	Granted
		NIL	NIL	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	8		
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	35		
8.	Guest Lectures	Delivered	Organized	
		12	1	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	NIL	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		NIL	NIL	
11.	Ph. D graduation details	4		



(a) Vortex 2023, 3 – 5 March, 2023



(b) International Conference on Computational Intelligence Paradigms, 7 – 9 December, 2022

7.7 ELECTRICAL AND ELECTRONICS ENGINEERING

The Electrical and Electronics Engineering department of NIT Tiruchirappalli was started during 1964 with a focus on teaching electrical engineering. It offers one Under-Graduate programme (B.Tech.), two Post-Graduate programmes (M.Tech. in Power Systems and Power Electronics) and also research programmes (M.S. and Ph.D.) in the various fields of Electrical and Electronics Engineering. The department has grown multi-fold in different dimensions that include teaching, research and social activities in multidisciplinary areas such as power engineering, electronics, artificial intelligence, data handling and so on. Since its inception, EEE department has been demonstrating its multi-dimensional capability in teaching-learning process, execution of real-time projects, performing cutting-edge research and acquiring patents. Our students are performing extremely well in studies, sports, cultural and social activities. Department has organized workshop/conference and students symposium every year. Our alumni hold leadership positions in various industries and academic institutions nationally and globally. A few of them contribute to civil services of our country. The department of EEE is globally recognised for its research contributions in the area of Wind and Solar Electrical Energy Conversion systems. In recent days, several project works are being carried out by the faculty and scholars in the area of Electric Vehicle which includes Battery Management Systems, Multi-port Converters, machine drives, charging infrastructure, embedded system for EV, impact of EV on power systems and applications of Artificial Intelligence.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	44	
2.	No. of books / books chapters published	Books	Book chapters
		NIL	NIL
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		3	68.24
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5.	No. of Patents	Filed	Published
		1	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		4	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		10	8
8.	Guest Lectures	Delivered	Organized
		15	NIL
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		NIL	6
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		2	15.8
11.	Ph.D graduation details	Regular	Part Time
		4	3

7.8 ELECTRONICS AND COMMUNICATION ENGINEERING

The Electronics and Communication Engineering (ECE) Department was established in the year 1968. The department offers Undergraduate (UG), Post Graduate (PG), M.S. (By Research) and Ph.D degree programs that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering. Research in the department focuses on high-impact various disciplines: Communication systems, Wireless networks, Signal and Image Processing, RF MEMS and MIC, Microwave antennas, Optical communication and Photonics, VLSI technologies.

In 1968, Five year B.E. Degree programme in Electronics and Communication Engineering was offered with 40 seats affiliated to University of Madras. In the year 2003, the institution was granted Deemed University Status with the approval of the UGC/AICTE and Government of India and renamed as National Institute of Technology (NIT). Currently the department offers four year B.Tech course with student intake of 144. In 1976 the department started M.E. course in Communication Systems and in 1999, M.E. course in VLSI System was started. Both the PG courses having an intake of 28 students. Department produced first doctoral degree in 1989. In 2005, department started the course M.S. (By Research).

The department of ECE is one of the established and largest departments in the institution. Department has organized workshop/conference and students symposium every year. Our faculty brings state-of-the-art research, development, and design experience into the classroom, ensuring that our students and alumni are able to apply for registration as professional engineers in all part of global engineering and the scientific community. In all courses the Department has built an excellent reputation for its graduates in terms of placements.

Dr. R.Thilagavathy received Dr. Sarvepalli Radhakrishnan Best Faculty & Researcher Award 2022 in Electronics & Communication Engineering conferred on Sep 5th in the National Symposium on New Educational Policy 2022 Conference, IMRF (International Multidisciplinary Research Foundation) Institute of Higher Education and Research, Vijayawada, Andhra Pradesh, India. Dr. Hemant Kumar was Appointed as an Editor in IETE Journal of Research.

Filed PATENT on “Dual-Generation MIMO Antenna with DB-BPF Characteristics for 4G and 5G BTS Applications and Method Thereof”, 19-04-2022(Application Number: 202241022910.).

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1	Articles (SCI / SCIE / Scopus / WoS)	NIL	
2	No. of books / books chapters published	Books	Book chapters
		04	05
3	Sponsored Projects	Numbers	Amount (in Lakhs)
		NIL	NIL
4	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5	No. of Patents	Filed	Published Granted

		NIL	NIL	NIL
6	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		02	NIL	
7	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		06	18	
8	Guest Lectures	Delivered	Organized	
		10	01	
9	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	01	
10	Major Equipment (more than Rs.5.00 lakhs)	Number	Amount (in Lakhs)	
		02	16.57	
11	Ph.D graduation details	Regular	Part Time	
		NIL	NIL	



(a) Five-Day Hands-on Training Program on “Evolution of Electromagnetics Using TaraNG & Feko” organized at Department of Electronics and Communication Engineering, NIT Tiruchirappalli in association with IEEE SB NITT and IEEE APS Chapter NITT, from 16th November to 20th November 2022.

(a)



As a Session Chair at IEEE MAC 2023 organized by MNNIT Allahabad in collaboration with USA and Canada from 24th March to 26th March 2023

(b)

7.9 ENERGY AND ENVIRONMENT

Department of Energy and Environment (DEE) (formerly CEESAT) was established in 1995 under the UK-India REC project .M.Tech. (Energy Engg.), an interdisciplinary full-time program has been offered since 1996. In addition, the department offers (i) Energy and Environment course to all the first-year students and (ii) minor program on Energy and Environment to the undergraduate students of all engineering branches. The areas of research and development activities of DEE include CO₂ capture & sequestration, thermal management of batteries, flow batteries, energy system modeling, wind energy, Solar PV/Thermal systems, energy-efficient building and energy storage devices, high-value algal products, thermochemical conversion of biomass, micro/smart grids, and phase change materials, Electric vehicles and waste to wealth etc.

Apart from research, the department offers consultancy services on solid and liquid testing, calibration, and energy auditing to other academic institutes and industries. The testing labs of the DEE are certified with ISO 9001:2008. DEE houses a NABL accredited calibration lab to calibrate the temperature, pressure, and electrical sensors.

The department of energy and environment is equipped with the required instruments for carrying out energy audits in Process industries, Hospitals & Power sectors. The department is committed to converting its research into a real-time technology transfer to the society and industry where it meets its ultimate objective. Department has organized workshop/conference and students symposium every year. Recently A project expo was organized by department for Students of ENIR11- Energy and Environment Course, on 04th February, 2023, in the Golden Jubilee Convention Hall, during which about 480 students in 54 teams exhibited their novel ideas on energy and environment as prototypes/working models/posters.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
		1	Articles (SCI / SCIE / Scopus / WoS)	25
2	No. of books / books chapters published	Books	Book chapters	
		NIL	1	
3	Sponsored Projects	Numbers	Amount (in Lakhs)	
		1	24.99	
4	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		NIL	NIL	
5	No. of Patents	Filed	Published	Granted
		NIL	NIL	NIL
6	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		3	NIL	
7	Conference / Seminar / Symposia / Workshops Attended by the faculty/students	National	International	
		NIL	1	
8	Guest Lectures	Delivered	Organized	
		9	NIL	
9	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	NIL	
10	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		1	7.87	
11	Ph. D graduation details	Regular	Part Time	
		NIL	1	



The Director and Dean (R&C) interacting with the students during the First Year Students Project Expo on Energy and Environment (ENIR11), organized on 04th Feb.2023

(a)



Inaugural function of workshop on Sophisticated Analytical and Testing Instruments, 23rd January, 2023

The Director, in the presence of Chief Guest Mr. J.Prabu Jayakumar Moses, General Manager, District Industries Centre, inaugurated the workshop

(b)

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. In this line, the Department has been offering a wide range of core and elective courses to undergraduates and graduates. Department has organized workshop/conference and students symposium every year. 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 Open Elective Courses in Economics and in Language/Literature. The Department is offering Tamil and German as Open Electives in line with NEP 2020.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	41	
2.	No. of books / books chapters published	Books	Book chapters
		2	13
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		1	4.46
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		1	0.56

5.	No. of Patents	Filed	Published	Granted
		NIL	NIL	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		1	1	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		3	26	
8.	Guest Lectures	Delivered	Organized	
		42	4	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		4	NIL	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		NIL	NIL	
11.	Ph. D graduation details	Regular	Part Time	
		2	NIL	



Lecture by Dr. K. N. Sivaraman, Former Director, State Institute of English, Chennai on 19 September 2022

(a)



Open Mic Event on 17 October 2022

(b)

7.11 INSTRUMENTATION AND CONTROL ENGINEERING

The Department of Instrumentation and Control Engineering 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 Under Graduate (UG)- B.Tech., Post Graduate (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. Department has organized workshop/conference and students symposium every year. 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. Dr. Shiraz Sohail received Outstanding Reviewer 2021 Award, May 2022-IEEE IMS

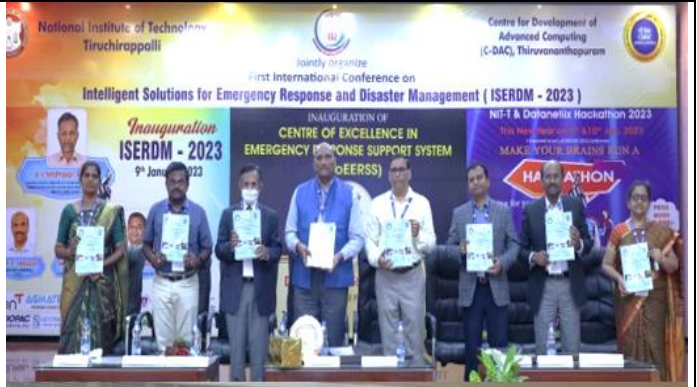
Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	38	
2.	No. of books / books chapters published	Books	Book chapters
		NIL	03
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		07	221.48
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5.	No. of Patents	Filed	Published
		01	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		07	16
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		NIL	NIL
8.	Guest Lectures	Delivered	Organized
		02	01
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		NIL	NIL
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		03	32.67
11.	Ph. D graduation details	Regular	Part Time
		04	NIL



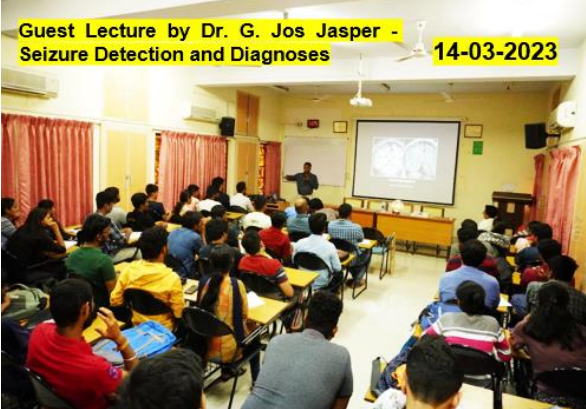
A Versatile Portable Framework for Economic & Skill Empowerment of Women's Sustainable Livelihoods through Digital Literacy

19-12-2022



ISERDM-2023

10-01-2023



Guest Lecture by Dr. G. Jos Jasper - Seizure Detection and Diagnoses

14-03-2023



SENSORS 23 Symposium

17-19 ar. 2023



Young Scientist Award – Mr. Setti Suresh, Research Scholar, Supervisor – Dr. Geetha C ICE department, NIT Tiruchirappalli.

04-12-2022

7.12 MANAGEMENT STUDIES

The Department of Management Studies (DoMS), NIT Trichy has been nurturing students to manage with indelible expertise and skills for nearly four decades. Since its inception from 1978, the mission of DoMS is focused towards enriching the society through education, research and consultancy. Department has organized workshop/conference and students symposium every year. The department has a strong industry connect and the vast source of alumni network which is the biggest asset of DoMS. The department also capitalizes resources of other engineering departments of NITT in terms of resource pooling and sharing for various academic and research activities. Our pedagogy emphasizes on application of management concepts and techniques in contemporary business world through extensive industrial interactions. We constantly strive to deliver the MBA programme with a stern focus on bridging the gap between academics and industry expectation. Wiley publishers recognized Dr. Janarthanan Balakrishnan paper as a top cited paper in Psychology and Marketing.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
		25		
1.	Articles (SCI / SCIE / Scopus / WoS)	25		
2.	No. of books / books chapters published	Books	Book chapters	
		NIL	NIL	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)	
		1	1.41	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		NIL	NIL	
5.	No. of Patents	Filed	Published	Granted
		NIL	NIL	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		2	NIL	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		NIL	NIL	
8.	Guest Lectures	Delivered	Organized	
		NIL	NIL	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	NIL	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		NIL	NIL	
11.	Ph. D graduation details	Regular	Part Time	
		NIL	NIL	

7.13 MATHEMATICS

The Department of Mathematics is one of the pioneering and the most distinguished departments in National Institute of Technology, Trichy. Applying a multi-disciplinary research and teaching methods, the department strongly believes in finding mathematical solutions for various social-economic, technological and work-

related processes and challenges. With twenty faculty members representing major areas of mathematics, the department is at the forefront of cutting-edge research as well as teaching and innovation. In addition to a number of world-class publications and reference sources, our faculty interact and collaborate with leading mathematicians around the world and regularly organize international conference/workshops and outreach events.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
		28		
1.	Articles (SCI / SCIE / Scopus / WoS)			
2.	No. of books / books chapters published	Books	Book chapters	
		NIL	NIL	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)	
		NIL	NIL	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		NIL	NIL	
5.	No. of Patents	Filed	Published	Granted
		NIL	NIL	NIL
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		14 (SEMINAR) 01 (WORKSHOP)	01 (CONFERENCES)	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		NIL	02 (CONFERENCES)	
8.	Guest Lectures	Delivered	Organized	
		08	03	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	NIL	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		02	27	
11.	Ph. D graduation details	Regular	Part Time	
		04	NIL	



International Conference on Mathematical Analysis and Applications (Under DST-SERB, India) held on Dec. 15-17, 2022 @ **NIT, Tiruchirappalli**

National Mathematics Day 2022 (Chief Guest: Professor Sridharan, Alagappa University) held on December 22, 2022 @ **NIT, Tiruchirappalli**

7.14 MECHANICAL ENGINEERING

Department functions with 25 faculty members with highly qualified, diversified young faculties under the head of Dr. K. Pannirselvam. QS World ranking recognized the Department of Mechanical Engineering, within the top 451- 500 of subject ranking for the fifth consecutive year since 2017. Three patents were granted again during this year and the department consistently maintains the growth in these aspects.

About MEA: 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. This year MEA has established the Mechanical Innovation Centre (MIC), which is a platform for the highly motivated students with an aim for innovation. Furthermore, MEA aims at structuring the Alumni network for the first time which is under discussions.

Dr. R. Anand (Associate Dean of Research & Consultancy (Industry & Outreach), signed MoU with Bureau of Indian Standards (BIS) for Rupees One crore on 28th November 2022 and assigned as the NITT BIS Nodal Officer. Dr. S.P. Sivapirakasam received 3 patents granted during academic year 2022 -23 and also received a sponsored project from IREL (India) Limited worth of Rs. 19.56 Lakhs.

The B.tech students : Yatin Shankar Narayanan– 1st Place Winners of Sangam '21 (Healthcare and Agriculture category), the annual hardware hackathon of NIT Trichy. Dheeraj Kumar Jha- Secured AIR-09 in GATE ME (Mechanical). Krishna Prasad R – Runner up, Energython'22 - organized by Log9 Materials Scientific for 'Battery lifecycle prediction and state of health estimation', received 50,000 INR cash Prize and pre-placement offer (2022-23). Savar Shirbhate was recognized in Top 10 nationally as a part of Aerodominator 7.0 aircraft design competition, 2020, 2nd Position (Design Report) and 4th Position Overall Nationally, in Skyrush 2020 for maneuverable glider design, 2020.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
1.	Articles (SCI / SCIE / Scopus / WoS)	138		
2.	No. of books / books chapters published	Books	Book chapters	
		1	NIL	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)	
		3	105.49	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		1	0.036	
5.	No. of Patents	Filed	Published	Granted
		2	2	3
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		17	NIL	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		1	2	
8.	Guest Lectures	Delivered	Organized	
		2	4	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	14	
10.	Major Equipment (more than Rs. 5.00	Number	Amount (in Lakhs)	

	lakhs)	1	7.54
11.	Ph. D graduation details	Regular	Part Time
		12	4



Synergy 2023 – Inauguration Function – Dr. K. Pannirselvam (Hod), Dr. Satheesh Reddy (Chief Guest, Scientific Advisor to Raksha Manthri, Ministry of Defense, GoI), Dr. G. Aghila (Director) & Student representatives on 24.02.2023.



Synergy 2023 – Guest Lecture by Shri. Ajit Patil, RIVOT MOTORS with student and Dr. Rajasekaran (Faculty advisor) on 25.02.2023

Synergy 2023 – Guest Lecture by Shri. Suyash Singh, GALAXEYE SPACE with Dr. K. Pannirselvam (Hod), along with Student representatives on 26.02.2023.

Synergy 2023 – Aeromodeling workshop conducted by Mechanical Engineering students

SYNC 3.0:

In the recent times, Space Technology and Data Analytics are two of the most blooming career fields. Keeping this in view, the Synergy NSF Team organized two guest lectures from the alumni of our department who have been thriving successfully in their respective fields.



7.15 METALLURGICAL AND MATERIALS ENGINEERING

The department of Metallurgical and Materials Engineering (formerly Department of Metallurgical Engg.) 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. Department has organized workshop/conference and students symposium every year. 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. Kimaya Prasad Suryarao received President Medal-overall highest CGPA in B.Tech (2022 Batch) and Joined MIT (USA) for higher studies. All India Rank – 3 in GATE'23 Exam by the final year MME student Subramanian R S. All India Rank – 72 in GATE'23 Exam by the third year MME student Netramani Sharma.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	22	
2.	No. of books / books chapters published	Books	Book chapters
		1	1
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		2	230
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		2	9.8
5.	No. of Patents	Filed	Published
		NIL	1
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		NIL	1
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		NIL	NIL
8.	Guest Lectures	Delivered	Organized
		2	3
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		8	5
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		4	37
11.	Ph. D graduation details	Regular	Part Time
		3	5



(a) Inauguration of New Committee room, Office room and HoD room by honorable Director Prof. Dr. G. Akhila, Director, NIT Trichy



(b) Union Minister of State for Education Dr. Subhas Sarkar released Fureboat (Furniture cum boat) the first product was given to Government Middle School Head Mistress

7.16 PHYSICS

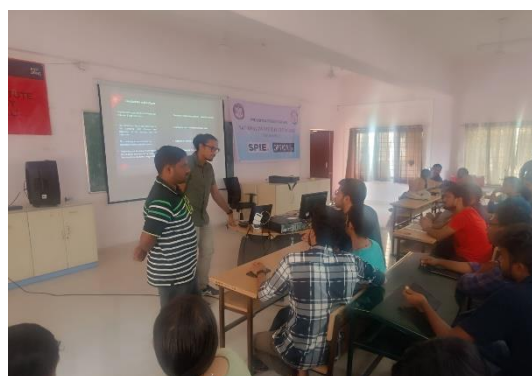
The department of Physics offers credit based courses to M.Sc.(Physics), M.Tech. (Non-Destructive Testing), Ph.D and 1st year B.Tech. students . Alongside the core courses, a good number of elective papers are extended too. The Department is equipped with highly compelling research laboratories hand-in-hand with academic laboratories. Student chapters like OSA and SPIE, which facilitate the students in the remote neighborhood to get a glimpse of fundamental physics via demonstrating eye-catching experiments, are also encouragingly accommodated. Department has organized workshop/conference and students symposium every year .The department established various research facilities with funding from various agencies such as DRDO, DST, DBT and CSIR, DST-Nano mission and DST-FIST programmes.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.		
1.	Articles (SCI / SCIE / Scopus / WoS)	50		
2.	No. of books / books chapters published	Books	Book chapters	
		NIL	1	
3.	Sponsored Projects	Numbers	Amount (in Lakhs)	
		2	34.7	
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)	
		NIL	NIL	
5.	No. of Patents	Filed	Published	Granted
		NIL	NIL	2
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International	
		3	NIL	
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International	
		4	3	
8.	Guest Lectures	Delivered	Organized	
		12	NIL	
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students	
		NIL	4	
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)	
		1	16.41	
11.	Ph. D graduation details	Regular	Part Time	
		6	1	



One day workshop on Solar Cells, 22 March 2023



Talk on Supersolid phase and research career opportunities in Japan by Muhammad Hasan, Quantum systems unit (QSU), Okinawa Institute of Science and Technology graduate university,

7.17 PRODUCTION ENGINEERING

The vision of Production Engineering Department is to establish a world class academy for Manufacturing and Industrial Engineering. The Department has significant contribution to Research and Development in terms of publications, citations, Ph.D. guidance. The department maintains a close liaison with Industries and Research & Development laboratories within the country and across globe. Department has organized

workshop/conference and students symposium every year. Three sponsored project works worth Rs. 249.81 lakhs were granted in this academic year. Also, equipment of total worth Rs.57.87 lakhs were purchased. Production Engineering Association Activities were inaugurated and the national level technical symposium ‘PRODIGY 2023’ will be conducted with workshops, events and panel discussions. Lectures were organized with Industry experts on state of art topics in Manufacturing and Industrial Engineering domain to provide practical insights to students. The department has molded good number of talented candidates who got recruited by core reputed companies like Tata Steel, Proctor and Gamble, Joh Deere, Bajaj Auto, Daimler India, Hyundai and few others in this academic year. Our recent project and patent include : (1).A technical project was sanctioned by DRDL with a total funding of 2.25 crores to develop Robotic based Continuous Fiber Additive Manufacturing System. (2).A patent was granted for an invention titled, “IOT BASED SMART MULTI-FUNCTIONAL VENTILATOR SYSTEM AND METHOD THEREOF” on 1st August 2022.

Summary (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	91	
2.	No. of books / books chapters published	Books	Book chapters
		2	15
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		3	249.81
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5.	No. of Patents	Filed	Published
		NIL	NIL
			Granted
			1
6.	Conference / Seminar / Symposia / Workshops organized by the Department	National	International
		1 FDP	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		2	NIL
8.	Guest Lectures	Delivered	Organized
		19	2
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		Nil	NIL
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)
		6	57.87
11.	Ph. D graduation details	Regular	Part Time
		5	3



PEA Inauguration Nov 29, 2022



ATAL FDP Inauguration Feb 27, 2023

7.18 TRAINING AND PLACEMENT

During the year under report (2022 -23), the students' placement record continues to be maintained at higher percentages despite tremors in the global markets. The overall percentage of placements as on 23.03.2023 is close to 90%. The placement process is still in progress. Summary details are given below:

No. of Companies Visited	No. of Students Placed	Overall Percentage (registered)
226	UG :809 , PG : 610	90%

With the placement process still in progress, the Institute is expected to end the year with near normal placements, despite unfavorable global factors.

SUMMARY (AY 2022 - 23)

S. No.	Details	Total Nos.	
1.	Articles (SCI / SCIE / Scopus / WoS)	3 (Under DEE)	
2.	No. of books / books chapters published	Books	Book chapters
		NIL	NIL
3.	Sponsored Projects	Numbers	Amount (in Lakhs)
		NIL	NIL
4.	Consultancy work carried out	Numbers	Amount (in Lakhs)
		NIL	NIL
5.	No. of Patents	Filed	Published
		2 (Under DEE)	NIL
6.	Workshops organized by the Department	National	International
		1 (under T&P)	NIL
7.	Conference / Seminar / Symposia / Workshops Attended by the faculty	National	International
		NIL	NIL
8.	Guest Lectures	Delivered	Organized
		3	NIL
9.	Fellowships (Faculty) / Internship in Abroad (Student)	Faculty	Students
		NIL	NIL
10.	Major Equipment (more than Rs. 5.00 lakhs)	Number	Amount (in Lakhs)

		NIL	NIL
11.	Ph. D graduation details	Regular	Part Time
		NIL	NIL



Reading for Leading -Celebration of Reading organized under MoE's advice - 23rd Jun '22



Training workshop for Senior Management of BHEL – HRDC, BHEL – Dec '22

8 CENTRAL FACILITIES

8.1. COMPUTER SUPPORT GROUP (CSG)

The OCTAGON - Computer Center is the sterling hallmark of this campus was opened with the theme of "Dare to Dream". This center serves the campus-wide LAN in close association with the user departments. This LAN caters to about 7500 users across the campus (using Wired connection and through Wireless). It has a 10 Gbps fiber optic backbone interconnecting the departments/buildings. It also acts as a resource centre to supplement classroom instructions with laboratory sessions.

The Octagon, TwinNet and Third-i buildings accommodates the central computing facilities, it has a server room with 60 high-end servers and there are 9 laboratories (5 labs in Octagon building, 2 labs in the TwinNet (Annex1) and 2 labs in the Third i (Annex2) building) with totally 600+ high-end computers. The centre is maintained by the Department of Computer Support Group (CSG).

1. NITT currently has 4 Gbps internet connectivity via four Government Internet Service Providers (ISP):

- i. 1 Gbps (1:1) leased line from Software Technology Park of India (STPI) under Ministry of Electronics and Information Technology (MeitY) - Primary link.
- ii. 1 Gbps shared internet connectivity by National Informatics Centre (NIC) through RailTel fiber as a part of National Knowledge Network (NKN),
- iii. 1 Gbps shared internet connectivity by NIC as a part of National Mission on Education through Information & Communication Technology (NME-ICT) now merged with NKN through Bharat Sanchar Nigam Ltd (BSNL) fiber
- iv. 1 Gbps (1:1) leased line from RailTel Corporation of India (under the Ministry of Railways).

In next phase two more Gbps internet connectivity will be provided

- 1 Gbps (1:1) leased line from BSNL
 - 1 Gbps (1:1) leased line from PowerGrid
2. Internet / Network security is provided through two UTM appliances (SonicWall NSSP 12400 High-End UTM appliances with high availability with automatic failover) and two Email Security appliances (SonicWall ESA 9000 Email appliances with high availability with automatic failover)
 3. Wi-Fi: All the Student Hostels are connected using 600+ HP Wireless Access Points (WAP) to enable students to access Internet and Intranet from their laptops in Hostels. These WAPs are health and performance are monitored by three HP E5400zl Switch management module with totally 9 numbers of HP MSM765zl mobility controllers.

In addition BSNL to implement FTTH initially to Opal F Girls hostels in all the rooms. In the next phase it is proposed to implement FTTH in Amethyst boys hostels.

8. 2. CENTRAL LIBRARY



Central Library of National Institute of Technology Tiruchirappalli is having more than two and half lakhs of documents consisting of technical books, reports, standards, CD-ROMS, and educational audio/video cassettes. Presently library subscription covers 93 periodicals (print) and

8000+ e-Journals. And there are 1995+ e-books besides a holding of 17690 back volumes of journals. Library also contains 16,750 books in the Book Bank scheme.

Digital Knowledge Centre has been established with 35 Ubuntu computer systems with internet connection. Wi-Fi facility has been provided for laptop users. CCTV cameras are installed in stacks and the entire building is under camera surveillance. RFID technology of document identification and library security system have been implemented for circulation services from 2013.

Vision

To provide comprehensive Resources and Services in support of the Research, Teaching, and learning needs of the Institute community.

Mission

- To build collections by networking with leading Libraries for providing information and create tools to support research, teaching, and learning.
- To facilitate seamless access to robust and distinctive collections to the stakeholders.
- To ensure the preservation and long-lasting availability of library collections and resources.

Library Timings

Academic (Working day)	: 9.00 a.m. to 9.00 p.m.
Academic (Weekend)	: 9.00 a.m. to 5.00 p.m.
Vacation	: 9.00 a.m. to 5.00 p.m.

Library Space and Ambience

Carpet area of Library	: 9094	Sq.m
Reading Space	: 400	Sq.m.
No. of seats in reading space :	300	
No. of users (issue book)	: 300	per day
No. of users (reading space) :	400	per day

Statistical Data of Library Holdings

➤ Library Books	:	135346
➤ Journals subscribed	:	93
➤ Back Volumes	:	17690
➤ Daily Newspapers	:	9
➤ Reports	:	10848
➤ Video cassettes	:	1504
➤ CD-ROM databases	:	2782+
➤ Thesis & Projects	:	1112
➤ E-Journals	:	8210+
➤ E-books	:	1995+

Library Staff

1	Dr. S. Siva Chidambaram	- Librarian
2	Mr. P. Boopathi	- Sr. Technical Assistant (LIS)
3	Mr. Sreekumar S.	- Library and Info. Assistant
4	Dr. G. Thamizhavel	- Assistant (SG-I)
5	Mr. S. Arokiaraj	- Jr. Assistant
6	Mr. K. Muthiah	- Attendant
7	Mrs. M. Rangayee	- Attendant

Library Intern

Ms. Jayalakshmi S.

Graduate Apprenticeship Trainee

- 1 Mr. R. Karthick
- 2 Mr. Sathish
- 3 Ms. Dhariee T.
- 4 Ms. Kiruthika R.
- 5 Ms. Manimegalai N.

Library Automation

The Library functions are automated using an integrated Library Software called LIBSYS with the following main modules for the Library in-house operations:

- Acquisition System
- Cataloguing System
- Circulation System
- Periodicals
- OPAC



RFID Technology

RFID technology of document identification and library security system have been implemented for the library functions and services from 2013, along with the following facilities:

- RFID Tags for protecting the documents.
- RFID Reader for circulation transactions.
- RFID Antenna alarm gate.

Web Online Public Access Catalog (OPAC)

The OPAC allows for the access of bibliographic databases of the books, reports, CD-ROMs and journals available in the central library. The catalog includes a word-based search facility using Boolean operators that can narrow down a search to meet very specific needs. Additional features of this catalog are:

- Periodic list of recent additions to the library.
- Members can find the materials checked out to them.
- Details of the status of the books can be accessed while browsing and searching information.

The OPAC can be accessed by using the intranet facility available through the link:

<http://10.0.0.59:8380/opac/>

Library Facilities and Services

- RFID oriented automated Circulation Service
- Bulletin Board service

- Current awareness service
- CD-ROM search service
- Audio-Visual service (Educational cassettes)
- Membership to external agencies and individuals
- Inter Library Loan services through DELNET
- Document Delivery Service (photocopies of articles) through JCCC interface for promoting research and development
- Providing access to more than 8210+ online e-journals
- Reference and textbooks reading services

Photocopying Facility

Photocopying/xerox facility is available for the users of the Library with a reasonable charge of 0.50 paise per page for ordinary copies, and Rs. 5/- per page for getting color xerox copies.

Document Delivery Services

Document Delivery Services are providing through DELNET and JCC ESS consortia.

Digital Knowledge Centre

Digital Knowledge centre has been established to facilitate e-Learning. It has been equipped with 15 personal computer systems with DVD-RW drive, with Internet and Wi-Fi facilities.



CD-ROM Collection

A good collection of 3000+ CD-ROMS are available for users in Central Library. Under the center of Excellence scheme the library has procured McGraw Hill Multimedia Encyclopedia of Science and Technology on CD-ROM.

Audio Visual Section

The Audio-Visual section is equipped with a microfilm reader, audio cassette players, video cassette recorders and over 1500 educational audio and video cassettes. Students use the record players and computers for preparing for TOEFL and GRE examinations.

CCTV- Web Camera Surveillance

CCTV network cameras have been installed in all the entrances and stacks to avoid book theft and other mal practices. The entire building is under CCTV camera surveillance.

Book Bank Scheme

There is a separate Book Bank Section with a collection of more than 17,500+ textbooks for the reserved category students. A maximum of 8 Book Bank Books will be issued to each eligible SC/ST Post matric scholars and rank holders per semester for promoting their studies.

E-Books:

- Cambridge University Press {ECE (16 Titles), CA (38 Titles) and MME (13 Titles)}
- Oxford University Press {Mathematics (9 Titles), Physics (76 Titles) and Management (22 Titles)}
- IET (8 Subjects Collection: 394 Titles)
- Wiley {CA (38 Titles) and MME (13 Titles) Math (4 Titles)}
- McGraw Hill {CA (38 Titles), MME (13 Titles) and Access Engg (800+ Titles)}
- Bloomsbury Architecture (270+ Titles)
- Pearson (9 Titles)
- PHI Learning (169 Titles)
- Taylor and Francis (8 Titles)
- ISA (13 Titles)
- Springer (26 Titles)



Total Number of Titles and Volumes

No. of Titles: 1,02,856

No. of Volumes: 1,35,346

List of Print Journals

- 1 Auto-Car India
- 2 Ajkal (Hindi)
- 3 Aluminium Association of India Membership & Aluminium in India Journal
- 4 Asian Journal of Microbiology, Biotechnology and Environment
- 5 Asian Journal of Water Environment and Pollution
- 6 Bal Bharathi (Hindi)
- 7 Bulletin of Allahabad Mathematical Society
- 8 Bulletin of Calcutta Mathematical Society
- 9 Chemical Industry Digest
- 10 Chemical Weekly
- 11 Civil Engineering & Construction Review
- 12 Civil Service Chronicle (English)
- 13 Competitive Success Review
- 14 General Knowledge Today
- 15 Competition Affairs
- 16 Current Science
- 17 Defense Science Journal
- 18 DESIDOC Journal of Library & Information Technology
- 19 Diabetes & Prevention
- 20 Digit
- 21 Ecology, Environment and Conservation
- 22 Education of Yoga
- 23 Electronics For you
- 24 Employment News
- 25 Energy Future
- 26 Fortell - A Journal of Teaching English Language and Literature
- 27 Harvard Business Review
- 28 IASLIC Bulletin
- 29 ICTACT Journal on image and Video Processing
- 30 ICTACT Journal on Soft Computing
- 31 IETE Journal of Research
- 32 IETE Technical Review
- 33 India Today
- 34 Indian Forester
- 35 Indian Journal of Chemical Technology
- 36 Indian Journal of Chemistry
- 37 Indian Journal of Control Power Research Institute (CPRI)
- 38 Indian Journal of Engineering & Material Sciences
- 39 Indian Journal of Environmental Protection
- 40 Indian Journal of Mathematics
- 41 Indian Journal of Power and River Valley Development
- 42 Industrial Safety Chronicle
- 43 ISET Journal of Earthquake Technology
- 44 Journal of Educational Technology
- 45 Journal of English Language Teaching
- 46 Journal of Institution of Engineers (India)
Series: A- Civil, Arch, Environment, Agri Eng.
- 47 Journal of Resources Energy and Development

- 48 Journal of Scientific & Industrial Research
 49 Journal of the Indian Institute of the Architects
 50 Kurukshetra (English)
 51 Kurukshetra (Hindi)
 52 Manufacturing Technology Today (MTT)
 53 Marg
 54 Mycorrhiza Newsletter
 55 New Building Material & Construction World
 56 Obesity Life
 57 Outlook
 58 Pollution Research
 59 Pratiyogita Darpan (English)
 60 Pratiyogita Darpan (Hindi)
 61 Productivity Journal
 62 Samanya Giyan Darpan (Hindi)
 63 Sci-Tech Entrepreneur
 64 Series: B - Electrical, Telecommunication & Computer Engineering]
 65 Series: C - Mechanical, Production, Aerospace, Marine Engineering
 66 Series: D - Metallurgical & Material & Mining Engineering
 67 Series: E - Chemical Engineering & Textile Engineering
 68 SRELS Journal of Information Management
 69 Stone Panorama
 70 Stress Today
 71 Success Mirror (Hindi)
 72 Teri Energy & Environment Data Dairy and Year Book
 73 TERI Information Digest on Energy & Environment
 74 Terra Green
 75 The IUP journal of English Studies
 76 The Journal of Soft Skills
 77 The Journal of the Indian Mathematical Society
 78 The Week
 79 Time
 80 University News
 81 World Affairs
 82 World Digital Library
 83 Yoga Quest
 84 Yojana (English)
 85 Yojana (Tamil)

List of Print Newspapers

1. Business Line
2. Dinakaran
3. Dinamalar
4. Dinamani
5. Dinathanthi
6. Indian Express
7. The Hindu (English)

8. The Hindu (Tamil)
9. Times of India

E-Resources Expenditures for 2022-23

Sl No.	Title of E-Resource	Subscription Period	Price
1	Business Source Elite Journals	01.06.2021 - 31.05.2022	USD.4,008.00
2	DELNET Annual Membership	20.05.2021 - 19.05.2022	INR.13,570.00
3	Taylor & Francis (4 Sub Coll)	01.08.2021 - 31.07.2022	USD.21,096.83
4	Press Reader (Newspaper-magazine)	01.08.2021 - 31.07.2022	INR.5,11,768.95
5	SciFinder Database	01.07.2021 - 30.06.2022	USD.20,335.00
6	ProQuest Database	01.07.2021 - 30.06.2022	USD.10,480.00
7	MyLoft Remote Access	01.07.2021 - 30.06.2022	INR.1,29,800.00
8	Elsevier Sc. Direct (8 Subs) Journals	01.08.2021 - 31.07.2022	USD.1,74,946.00
9	Sage EMS Journals	01.09.2021 - 31.08.2022	USD.40,277.00
10	ASTM Standard	21.08.2021 - 20.08.2022	USD.9,534.00
11	Turnitin	31.08.2021 - 30.08.2022	INR.7,88,577.66
12	Emerald eCase	01.10.2021 - 30.09.2022	GBP.10,165.00
13	SciVal Database	01.10.2021 - 30.09.2022	USD.35,301.16
14	Synlett and Synthesis Backfiles	01.02.2022 - Perpetual	INR.7,65,000.00
15	McGraw Hill Access Engineering	01.03.2022 - 28.02.2023	USD.2,500.00
16	SIAM Journals	01.01.2022 - 31.12.2022	INR.3,00,650.00
17	Royal Society of Chemistry Journals	01.01.2022 - 31.12.2022	GBP.19,743.00
18	BIS Standards	12.04.2022 - 11.04.2023	INR.3,70,272.00
19	CMIE Prowess for IQ	05.02.2022 - 04.02.2023	INR.2,40,720.00
20	Emerald Journals	01.01.2022 - 31.12.2022	GBP.9,875.00
21	Institute of Physics Journals	23.02.2022 - 22.02.2023	GBP.18,476.00
22	Bentham Science Journals	01.01.2022 - 31.12.2022	USD.7,733.00
23	Bloomsbury Architecture Library	23.02.2022 - 22.02.2023	INR.1,26,000.00
24	ACS Journals	01.01.2022 - 31.12.2022	INR.39,16,202.00
25	Taylor and Francis BME Journals	24.02.2022 - 23.02.2023	USD.12,710.00
26	Grammarly	28.02.2022 - 27.02.2023	INR.7,06,223.00

27	World Sc. Publishing Math Journal	29.03.2022 - 28.03.2023	USD.9,800.00
28	Thieme Online Chem. Pack Journals	01.01.2022 - 31.12.2022	INR.6,51,791.00
29	Scopus Database	01.02.2022 - 31.01.2023	USD.24,164.00

List of E-Resources Enabled by ESS Consortium for NITT

Sl No.	Title of the E-Resources
1	ACM Digital Library
2	American Institute of Physics E-Journals
3	American Physical Society E-Journals
4	ASCE Journals Online
5	ASME Journals Online
6	Economic & Political Weekly
7	Institute for Studies in Industrial Development (ISID) Database
8	JGate Plus (JCCC)
9	JSTOR
10	MathSciNet
11	Oxford University Press E-Journals
12	Springer Link 1700 Collection + Nature Journal
13	Web of Science Lease Access
14	Ouriginal
15	South Asia Archive (SAA)

Shodhganga - Indian Electronic Theses and Dissertations Repository:

Shodhganga is the Indian national repository of electronic theses and dissertations deposited by most of the Indian universities. It is a repository of electronic version of synopses/research proposals submitted to universities for registering in PhD. Shodhganga stands for the reservoir of Indian intellectual output stored in a repository hosted and maintained by the Centre. It is set-up using an open source digital repository software. Central library has uploaded 131 PhD theses in Shodhganga till date.

NIT Faculty Profile: Indian Research Information Network system

IRINS is web-based Research Information Management (RIM) service developed by the Information and Library Network (INFLIBNET) Centre. The portal facilitates the academic, R&D organizations and faculty members, scientists to collect, curate and showcase the scholarly communication activities and provide an opportunity to create the scholarly network. The IRINS is available as free software-as-service to the academic and R&D organizations in India. Central Library regularly maintain and update the faculty profiles in the Indian Research Information Network systems.





All Search for...

Faculty / Scientist

Faculty / Scientist
334

- Director: 1
- Dean: 1
- Head of the Department: 1
- Professor: 73

Scholarly Resources

Publications: 8374
Patents: 51

3975 Closed Access Gold OA
279 Green OA
103 Bronze OA
97

Journal Articles: 5718
Conference / In Proceedings: 2029

Resources Impact

Impact

68200 Citations
72137 Citations

Departments

Central Library	(1)
Department of Architecture	(17)
Department of Chemical Engineering	(17)
Department of Chemistry	(12)
Department of Civil Engineering	(20)
Department of Computer Applications	(18)

Top ten Profiles

Prof Sambandam Anandan
Professor

414 Publications, 21 Projects
9134 Citations, 9807 Citations

Dr S Suresh
Associate Professor

163 Publications, 5 Projects

Publications

Gas diffusion layer for proton exchange membrane f...

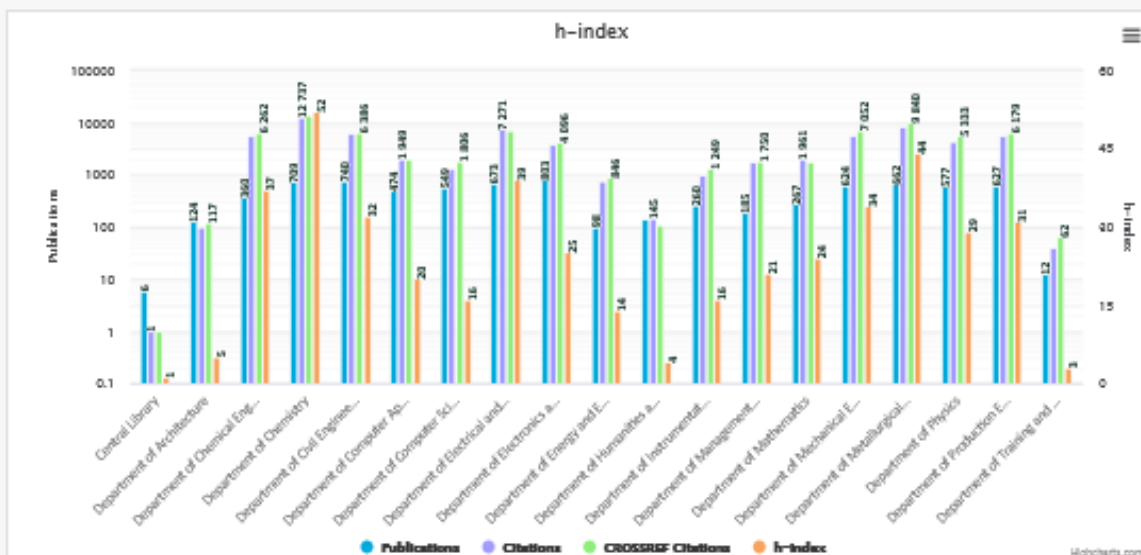
Author: Ondrea L., Kannan A.M., Lin J.F., Saminathan K., Ho Y., Lin C.W., Wertz J.

364 Citation, 388 Citation

Structural, FTIR and photoluminescence studies of ...

Author: Muthukumar, S., Gopalakrishnan, R.

390 Citation, 261 Citation



8.3 SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING

About the center:

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 with 12 sophisticated Laboratories. The CoE is bridging gap between today's industry's requirements and technical education, by providing Skill Development Programs to engineering graduate, diploma and ITI students and make them industry ready.



The CoEM has also been offering consultancy services to Industries in Product design, additive manufacturing, CNC machining, automation etc. and skill enhancement of existing employees on latest technology. With all this facilities centre has generated a revenue of ~10 Lakhs in 2022.

8. 4. CENTRE OF EXCELLENCE IN EMERGENCY RESPONSE SUPPORT SYSTEM

Inking MoA to establish centre of research on Emergency Response Support System between NIT Tiruchirappalli and C-DAC Thiruvananthapuram on 23 November 2021



Notable achievements report (April 2022-March 2023)

- 1) Offered internships for under graduate students – six numbers with remuneration of Rs.3000 per month (May 2022 to July 2022)
- 2) A Five-day Workshop on ‘Essence of Emergency Response Support System’ between 6th - 10th April 2022



- 3) First International Conference on ‘Intelligent Solutions for Emergency Response and Disaster Management - ISERDM-2023’ between 9th - 11th January 2023
 - The International Conference is 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.



- As a part of the conference, a 28 Hour Hackathon is also planned jointly with Datanetiix Solutions India Pvt. Ltd. on 9th and 10th Jan 2023. 58 teams Participated, in teams of two, in the domains of App Development, Machine Learning, Data Science and IT/Web security.



- A panel discussion is conducted as part of the conference by notable experts Dr. Kurupath Radhakrishnan, Senior Consultant Neurologist, Avitis Institute of Medical Sciences, Palakkad, Dr. S. Kumaravel, Professor, Thanjavur Medical College, Dr. Paramesh Shamanna, Medical Director at Twin Health and CDAC officials and Datanetiix Solutions India Pvt. Ltd.



- 4) Centre of Excellence in Emergency Response Support System inaugurated on 1st February 2023 by Dr.A.Sylendra Babu I.P.S.



8.5 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. A professional counsellor is available on regular basis daily for eight hours a day at the Central Library building (II Floor) 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.

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:

8.5.1. Understanding and Overcoming Depression

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



8.5.2. Early Detection of Distress and Alert Generation

An orientation session on "**Early Detection of Distress and Alert Generation**" was organized for the Hostel Wardens, Resident Student Council (RSC) members, and Stewards of the Institute on 9th March 2023. The event took place in A11 Hall from 3:00 p.m. to 5:00 p.m and witnessed 38 participants. The first half of the session was handled by Mr. Randeep Rajkumar, Clinical Psychologist, Athma Hospital, Trichy wherein he

explained about the causes and symptoms of mental health disorders among adolescents. The second half of the session was deliberated by Mrs. Josephine Sudhanthra, former Counsellor, NITT. She reiterated the importance of early distress detection and the participants' pivotal role in this cause.



8.5.3. 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.



8.5.4. 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. 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.

A 10-bedded hospital with casualty, OP & IP facilities, a 24-hour pharmacy, and a clinical laboratory has been functioning in the well-established building since 19.02.2007. The hospital is working round the clock on all the days including Sundays and all government holidays, with 3 institute medical officers and 6 temporary medical officers. Facilities like oxygen cylinders, concentrators, nebulizers, suction apparatus, ECG, Defibrillator, and autoclave are available. There are separate male and female air-conditioned wards for admitted patients. In addition to that, a specialized physiotherapy clinic with physiotherapists, a dental facility, and optometry services are available. The emergency services are 24/7, 365 days with a fully equipped ambulance. In addition, various specialists from other hospitals are hired as visiting consultants. Apart from allopathy, Ayurveda and Homeopathy services are also available. 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.

Report of significant events:

1. The NITT Hospital team, the government hospital team, NSS, and the student council of NITT conducted a blood donation camp on 23.04.2022 in NITT Hospital and the collected blood bags were given to Mahatma Gandhi Memorial government hospital, Trichy COVID vaccination camp was conducted at our hospital on 28.07.2022 where precautionary doses of COVID vaccines were administered to beneficiaries.
2. Medical assistance and ambulance services were given to our Institute's Convocation held on the First week of August 2022
3. p- COVID Vaccination camp was conducted at our hospital on 24.09.2022 for phase 2 of COVID vaccination for our beneficiaries.
4. The blood donation camp was organized by the NITT Hospital team along with the task force club and govt RMH Thanjavur. The collected blood bags were given to the Government.
5. NITT Hospital team in association with Joseph Eye Hospital, Trichy conducted a free eye check-up camp at our hospital for our faculty, staff, and students on 07.10.2022.
6. NITT Hospital team in collaboration with Harsha Mithra Hospitals, Trichy conducted a free thermogram scan camp on 30.10.2022 for the women beneficiaries of our institute for screening of breast cancer. It was coordinated by flight NCC cadets.
7. NITT Hospital team along with Apollo Hospitals, Trichy conducted a free cardiac camp for our beneficiaries on 10.11.2022 to screen high-risk and general population for cardiovascular disorders.
8. Pr Vitamin A solution was administered to mothers with infants below 5 years of age, children of age 6 months to 5 years, and lactating mothers by PHC staff in our hospital campus on 20.12.2022 and 23.12.2023.
9. New ophthalmic equipment Auto refractometer and lensometer were purchased on 23.01.2023 for a total cost of Rs.2,50,000 and installed in the ophthal clinic of our hospital to check the refraction power of students and employees.

FACILITIES AVAILABLE IN NITT HOSPITAL



8.7 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 6000 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, in north Indian cuisine, Tamil Cuisine, Andhra cuisine and Kerala cuisine. An Exclusive Pure Veg mess is operational for pure vegetarian students and Jain food. 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 several 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, laundry shops, and Naturals Hair saloon outlet.

Hostel Administration Committee (HAC) – April 2022-March 23:

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

Managers (April 2022-March 23):

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

Wardens (April 2022-March 23):

S. No.	Name of the Warden	Hostels & Mess	Email Id (@nitt.edu)
1	Dr. Baby Viswambharan, Chemistry	HAC Member & Opal B	babyv
2	Dr. S. Mageshwari, EEE	Opal C (East & West), Opal A & First Floor Mess	mageshwari
3	Dr. B. Shameedha Begum, CSE	Opal D & E & South FF Mess	shameedha
4	Dr. Pinkymol, EEE	Opal F, Ground Floor Mess	pinkymol
5	Dr. K. Selvakumar, C. A	Amber A & B	kselvakumar
6	Dr. V. Karthik, MME	Zircon C, Emerald, Beryl, B-Mess	karthikv
7	Dr. Karthik Thirumala, EEE	Garnet C, Agate & A-Mess	thirumala
8	Dr. Vamsinadh Thota, Maths	Lapis & Sapphire & Annapurna Mess	vamisnadh
9	Dr. R. Periyasamy, ICE	Emerald & Pearl & MM-II North FF Mess	rperiyasamy
10	Dr. D. Ruben Sudhakar, DEE	Garnet A&B & Kailash Mess	rubensudhakar
11	Dr. V. M. Jaganathan, DEE	Jasper & Coral & MM-I North FF Mess	vmjagan
12	Dr. R. Balakrishnan, CSE	Aquamarine A&B & Sabari Mess	balakrishnan
13	Dr. M. Sivanesan, Maths	Diamond & Jade & F-Mess	sivanesan
14	Dr. Bishweshwar Babu, Mechanical	Zircon A&B & MM-I South FF Mess	bishweshwar
15	Dr. Ganesh Chandra Nandi, Chemistry	Topaz & Ruby MM-II South FF Mess	nandi

Hostel Assistant Managers (April 2022-March 23):

S. No.	Name of the HAM	Hostels & Mess	Email Id (@nitt.edu)
1	Mr. A. Sanjay	Garnet A, B & Kailash Mess	-
2	Mr. Sanjay Kumar	Garnet C & Agate & A-Mess	-
3	Mr. M. Dhavamani	Diamond, Jade & F-Mess	mdhavamani
4	Mr. S . Prakash	Zircon A & B, MM-I North FF	sprakash
5	Mr. K . Karthick	Ruby, Amber A & B	kkarthick
6	Mr. S. Muthaian	Emerald, Zircon C, Beryl, C-Mess	muthaian
7	Mr. S. Bose Kumar	Lapis, Sapphire, Topaz, Pearl, MM-II FF, Annapurna Mess	sbose

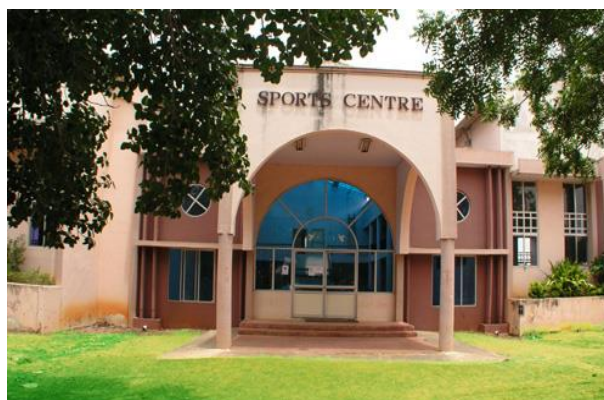
8	Mr. S. Sathiyaseelan	Aquamarine A & B, Sabari Mess	sathyaseelan
9	Mr. I. Francis Immanuel	Jasper, coral, MM-I FF	-
10	Ms. M. Kowslyaa	Opal A	-
11	Ms. S. Bhuvaneswari	Opal B	-
12	Ms. P. Padmavathi	Opal C	padmavathi
13	Ms. J. Monisha Devi	Opal D	jmonisha
14	Ms. R. Maheswari	Opal E	rmaheswari
15	Ms. P. Akila	Opal F	-

Hostel Office Staff (April 2022-March 23):

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

8.8. 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.



As a part of Implication of Fitness activities in the Institute, The National Institute of Technology organizes various Fitness activities and constitute various clubs to endure physical exercise and sports in the institute.

Physical Education/Sports Center with the support of Office of Dean Students welfare introduce different activities that fulfils the goal of Fitness and develop a quality of life style among students, Faculty and staffs.

Strategy plan for implementing and Fitness in the institute as follows :-

1. Sports Committee :

The institute has constituted a sports committee of students to develop and implement different sports activities to develop the fitness and quality of life style of the students, faculty and staff.

2. Techno-Gym :

Everyday the institute provides facility as well as time for the students , Faculty and staff to involve Fitness Gym. The fitness session begins from morning 6am to 8am and in the evening 3:30pm to 8:30 pm.



(ii) Health Awareness:

Health awareness run, cycling , walkathon are conducted in the institute to develop an awareness of health and fitness among the students , faculty and staff. As a part of Har Ghar Tiranga Campiagn the institute conducted cycle rally for the students, faculty and Staffs.

(iii) Yoga:

The institute conducted 21 days yoga classes for the students, Faculty and staff for all NIT's in India to advance their knowledge of yoga and exercise. The specialized yoga instructors will take classes for our students, faculty and staff on different yoga exercise and to reduce obesity and attain mental stability. On the occasion of International Yoga Day more than 1000 participated yoga mass demonstration of Surya Namaskar.

3. Fitness Sporting Activities:

The institute organize sports tournaments for different games and sports such as Intra tournament for volleyball, basketball, kabaddi, kho-kho , Athletics and Marathon for all the students of the institute. The fitness centre which also has wooden flooring houses many exercise machines such as multi-station gym, treadmill, stairs, air walker, rowing machine, exercycle and so on. These are used by the students, staff and other residents of the campus.

4. Sports Meet:

(i) Intra Institutions Sports Meet.

The Institute organize inter department sports fest for the students, faculty and Staffs. The games included are Volleyball, Cricket, Badminton, Football , Kabaddi and Athletics. The Students get an explore as a

performer and as an organizer. The prizes for the best department and Best sports person is awarded to the students.

(ii) Upcoming projects

The Institute has approved International Badminton Synthetic courts and construction of grass football ground which would be installed in the academic year of 2023 – 2024. The Sports Fete is conducted to inculcate the spirit of sportsmanship and competitiveness among the different departments of the college every year. The All India Inter NIT Meet is the most sought out event among all of NITs in the nation. NIT Tiruchirappalli boasts of successfully conducting three major events including cricket, basketball, and volleyball last year.

Aqua Sports Complex:



Indoor Stadium



9 CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT AND INCUBATION

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

CEDI, the Incubator of NITT, was established as a Section 8 Company under the Companies Act 2013 in 2012. It is currently located at the old Library, National Institute of Technology, Trichy. CEDI serves as a catalyst for innovation and entrepreneurship and provides startups with access to NITT's infrastructure and resources. In the 2022-23 fiscal year, CEDI played a pivotal role in fostering entrepreneurship and innovation. Here are the key highlights:

1. CEDI Incubatee Healthy Kid Camp at REC

Middle School:

- One of CEDI's incubate companies, Trawello Healthcare Services Pvt. Ltd., and NITT Faculty Dr.Periyasamy ICE Dept, organized the Healthy Kid Camp on March 1, 2022, at REC Middle School, NITT.



- The camp provided health services to 156 children, including height and weight measurements, eye vision tests, blood pressure and heart rate checks, and nutrition assessments.

2. SIEMENS Innovation Grant Selection Meeting:

- Selection meetings for Siemens innovation grants were held on April 4th and 8th, 2022, with 18 applicants participating.
- Eight student and faculty startups were selected for the Siemens Innovation Grant Program 2022.

3. Incubation Orientation Session:

- CEDI organized an orientation session on April 6, 2022, to familiarize 13 applicants with CEDI's selection procedure and incubation program.

4. MSME Innovative Schemes Meeting with HODs/Faculty:

- On April 27, 2022, CEDI conducted a meeting with 13 faculty members and HODs from various departments to discuss MSME innovative schemes.



5. Incubatee Quarterly Progress Review Meeting:

CEDI held a quarterly progress review meeting on March 23, 2023, via Microsoft Teams. Ongoing incubatee where review and advised for progress.

6. Pragyan "Annual Techno Fest-2023":

CEDI participated in Pragyan "Annual Techno Fest-2023" on March 25, 2023, to engage with students and faculty. CEDI Incubatee Startup exhibited their products.



7. Collaboration MoU with TIDITSSIA:

CEDI-NITT signed an MoU with Tiruchirappalli District Tiny and Small-Scale Industries Association (TIDITSSIA) on May 23, 2023, to promote MSMEs and the startup ecosystem.



8. Collaboration MoU with TREAT:

CEDI-NITT signed an MoU with Tiruchirappalli Engineering and Technology Cluster (TREAT) on May 23, 2023, for building MSMEs and the startup ecosystem.



CEDI NIT-T signs MoU with TREAT

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. Umapathy, 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.

9. **MoU with Software Technology Parks of India (STPI)**

- On June 5, 2023, our Director and Chairperson of CEDI-NITT signed a Memorandum of Understanding (MoU) with Software Technology Parks of India (STPI) as a co-incubation partner in New Delhi. This partnership aims to strengthen and support the development of the startup ecosystem, fostering innovation and entrepreneurship.

10. **Call for Summer Student Internship:**

- CEDI conducted interviews and selected two students for its summer student internship program.

11. **Incubatee Progress Review Meeting:**

- CEDI held an Incubatee Progress Review Meeting on June 19, 2023.

12. **Co-Incubation MoU Signed with Various Academic Institutes:**

- CEDI signed Co-Incubation MoUs with academic institutes to promote entrepreneurship and innovative startup ideas among students and faculty.

13. **Onboarding and MoU with New Incubatees:**

- CEDI on boarded Five new incubatees for the 2022-23 2nd Cohort.

14. **MoU Signed with Campus Angel Networks Pvt. Ltd:**

- NITT signed an MoU with Campus Angel Networks Pvt. Ltd on July 3, 2023, to develop the startup ecosystem and connect investors with startups.

Investor Connect Pitch Event:

CEDI and Campus Angel Networks (CAN) organized an "Investor Connect" pitch event on September 4, 2023, with four startups presenting their ideas to CAN members.



15. **Faculty Associate Meeting:**

CEDI organized a faculty associate meeting on August 31, 2023, to express interest from faculty members in serving the startup ecosystem at CEDI.

10 STUDENT ACTIVITIES

10.1 FESTEEMBER 2022

The 48th edition of Festember took place from 29th September to 2nd October 2022. This year's theme was 'Sunken Paradise,' drawing inspiration from the vast and captivating array of treasures, secrets, flora, and fauna concealed beneath the ocean's depths. The theme aimed to celebrate the journeys and adventures embarked upon by individuals at sea, while also bringing to life the myriad myths and legends of the mighty oceans. The campus was transformed with beautiful lanterns, lifelike models of shipwrecks, marine creatures, and other elements of folklore such as Poseidon's throne and trident.

Over 60 events unfolded over the course of three days. This year's Carpe Diem guest lecture series lived up to the high standards of its predecessors, featuring renowned actors, artists, and journalists who engaged with the students and left them with unforgettable experiences. Some notable speakers included Actor Dhruv Vikram, actress Adah Sharma, and Journalist Meena Kandaswamy. Students thoroughly enjoyed the numerous informals and workshops held throughout the festival. Each day of Festember concluded with a spectacular pro-show featuring famous artists and bands. On Day 0, Fusion Night showcased the incredible talents of Sam Vishal, Karthik Devraj, and Rakshitha Suresh. Day 1 featured Party Night with the renowned DJ Papa Balooshy. Day 2's EDM Night by Swattrex had the entire crowd jumping and grooving to peppy beats and electrifying drops. Day 3, the highlight of F'22, was Jonita Gandhi's performance, which drew a roaring crowd to GJCH.



The 48th edition of Festember was a resounding success, rekindling the festival spirit after two years of lockdown. It attracted an impressive turnout from nearby colleges and left a lasting impression on everyone in attendance. It was truly a memorable experience for all who participated.

10.2 PRAGYAN 2022-23

Pragyan, the esteemed international techno-managerial organisation of NIT Trichy, established in 2005, continues to be a beacon for students to showcase their technical brilliance and managerial expertise. It has garnered a reputation as one of the most sought-after fests in India, offering diverse experiences and opportunities to participants from colleges across the nation.



Each year, Pragyan attracts participants from all corners of India, solidifying its position as one of the largest techno-managerial fests in the country. Pragyan stands in the spotlight, alongside the London Olympics and the esteemed football club Manchester United, as one of the three organisations to attain the distinguished ISO 20121:2012 Certification for Sustainable Event Management. Pragyan holds the revered distinction of being the solitary student-run organisation among the three. Furthermore, Pragyan boasts the ISO 9001:2015 Certification for Quality Management Systems. It has been recorded as a noteworthy case study in The Case Centre, London.

The theme for this edition of Pragyan is "Cyberscape," a concept that perfectly encapsulates the interconnected digital world where electronic messages traverse from one computer to another. In today's global scenario, Cyberscape symbolises a virtual realm without boundaries, mass, or gravity, seamlessly syncing with the world's technological landscape. This theme permeates through all aspects of Pragyan, from events to guest lectures, exhibitions, and workshops.

The events organised by Pragyan demanded a creative and innovative approach from the students, aligning with the theme. The workshops, Guest Lecture series, and Exhibition series provided a significant opportunity for students from all corners of the nation to engage with some of the country's most distinguished and accomplished minds. Distinguished individuals graced Pragyan 2022-23 with their valuable insights during guest lectures. The guest lecture series included eminent luminaries like Silicon Labs Tech Talk, IAF Group Captain Guest Lecture, Advait Danke, Atul Gurtu, Abhijit Chavda, J Sai Deepak, and Ashneer Grover.

Pragyan Exhibitions 2023 provided a glimpse into the future, where science, technology, and innovation converged to redefine the possibilities in the world of robotics. Exhibitions included INDRO 5.0, a 28-axis autonomous humanoid robot; Mitra Robot by Invento Robotics, an embodiment of innovation among humanoid robots with advanced technologies; Bionic Bird, offering a silent and lifelike drone experience; Go1 by Unitree Robotics, the world's first consumer level intelligence bionic quadruped robot and a Gesture Drone Show by the Man of Drones showcased the potential of aerodynamics and robotics.



Additionally, Pragyan 2022-23 presented a rich array of infotainment shows. These included "The Dance of Light and Fire" by Indiefollow featuring Yakobeh and Sarena Beri, "The Oulala Show" by an international street performer, Sylvain Pomme, "The Karan Singh Magic Show," "Neon Night" by the Skeleton dance crew, "The Hula hoop show" by Tejaswini DS, "The Dapo show" by Manav Agarwal, "Pineapple Express" with multilingual lyrics and a fusion of rock and soul, and "Sunburn ft. Lost Stories," one of the Asia's biggest music festival. The "Laser tag" provided an exciting cosmic battle under neon lights.

The Pragyan 2022-23 stands out as a multifaceted fest, encompassing diverse events, workshops, guest lectures, exhibitions, and infotainment shows. It allows participants to showcase their technical and managerial skills, fostering innovation and creativity. Distinguished guest lectures enhance the intellectual dimension of the organisation, while exhibitions offer a glimpse into cutting-edge technology. The infotainment shows strike a balance of information and entertainment, enriching the overall experience. Pragyan is a comprehensive fest that celebrates innovation, fosters knowledge exchange, and offers a platform for learning and entertainment.

10.3 NITTFEST 2022-2023

Nittfest' 23, the 30th edition of the renowned annual inter departmental cultural festival, held at the National Institute of Technology, Tiruchirappalli (NITT), unfolded with remarkable enthusiasm and grandeur. The festival, following the captivating theme, "Anarchy: The Zenith of Street Style," promised an unforgettable experience for all attendees. Prior to the main event, a series of pre-fest activities set the tone for what was to come, including a captivating address by the legendary Kamal Haasan, a momentous Midnight Madness event, and the official inaugural ceremony.

The pre-fest events commenced with a remarkable musical extravaganza featuring the Indie sensation Pradeep Kumar and a guest appearance by the multifaceted actor and visionary, Kamal Haasan, on the 15th of

September. His address was nothing short of inspiring, emphasizing the significance of societal benevolence, the latest technological advancements in cinema, and an enthralling retrospective of his illustrious career. This special interaction with Kamal Haasan set the stage for an intellectually stimulating fest, offering valuable insights into the world of cinema and social responsibility. Kamal Haasan's presence added a layer of prestige to Nittfest' 23.

Another striking pre-fest event was "Midnight Madness," which witnessed active and enthusiastic participation from students and patrons alike. This high-energy gathering not only served as an entertaining prelude to the main festival but also hinted at the boundless excitement that was to follow.

The pre-fest events of Nittfest' 23 provided a glimpse of the grandeur that awaited attendees during the main festival. The presence of Kamal Haasan, a cinematic luminary, in the pre-fest lineup heightened expectations, and his 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.

Day0- 6/04/2023: The fest officially commenced with a spectacular inaugural ceremony on Day 0. The inauguration was followed by an eclectic mix of events, including a spellbinding Indie night featuring Vaisagh Proshow and 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.

Day1- 7/04/2023: Day 1 of Nittfest' 23 transformed into a dynamic showcase of diverse events, each venue delivering its unique brand of entertainment. Barn Hall, with its Movie Spoof, Utsav and Chanel Surfing, invoked laughter and excitement and captivated the audience with creative expressions. In Professor's Got Talent, the academic staff flaunted hidden talents. Battle of Bands turned the atmosphere electric with musical showdowns. GJCH saw the Foam Party, while Haven hosted thought-provoking Nukkad Natak performances. In the Civil Auditorium, Western Vocals resonated through the hearts. Orion catered to literature enthusiasts with English and Telegu Lits events, and the English Cluster engaged minds with the Mystery Quiz, Scrabble, and Lone Wolf Quiz. The Tamil Lits Cluster presented Kavicholai, celebrating Tamil poetry, while the Telegu Lits Cluster tantalised with Telegu crossword puzzles. CEESAT Plot It Out addressed social responsibility, fostering positive change. Day 1 was a vibrant precursor to the grandeur Nittfest' 23 promised to deliver.

Day 2- 8/04/2023:

Day 2 of NITTFEST'23 kicked off with a star-studded director's panel, featuring renowned directors Sudha Kongara, PS Mithran, and Gautam Ramachandran. 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, leaving the audience and judges spellbound. The main quiz and crossie event challenged participants, while humor and competitiveness mixed in events like meme making, "What's the Good Word," and stand-up comedy. The evening highlight was Ashok Selvan's guest lecture, which left the audience in awe with his charisma and relatable college anecdotes. The day concluded with a thrilling IPL match between Mumbai Indians and Chennai Super Kings, filled with energetic cheers and nail-biting moments. Fireworks lit up the sky, ending the day on a high note.

Day 3 - 09/04/23:

The last day of NITTFEST'23 was filled with excitement which had been cultivated over three glorious days and the pressure on for the last day of the fest. However, NITTFEST'23 delivered in classic style starting the day with Quawali, Eastern and Western Instrumentals. This musical start to the day was then carried forward by the rap-infused upbeat Beat Street Showdown event. Covering all the tempo's of today's music, NITTFEST'23 then allowed students to showcase their spontaneity with Mr. and Mrs. NITTFEST along with their impeccable fashion style. The day also hosted multiple Literature events such as Tamil quiz, Scrabble, Telugu Quiz, JAM etc. This action packed afternoon was followed by Choreonite which had every department grooving to the steps of music across domains and languages. Each performance only set the bar higher and was the perfect way to end the departmental pursuit to victory. After the engaging and energetic event of Choreonite, 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 Darshan Raval. His melodious tunes and rock star type attitude touched our heartbeats and made for an evening etched in minds forever.

Post fest 26/04/23:

Just when everyone thought NITTFEST'23 had called it a wrap, we announced with glamour and a hint of culture that a post-fest event was underway. The intrigue related to the idea of the post-fest event was allowed to build up within the audience and suddenly revealed as the cast appearance of Tamil Cinema's magnum opus: Ponniyin Selvan 2. The event featured legendary performers revered for their skill and performances, with its door open even to our peers from colleges across TamilNadu. Mani Ratnam Sir's and Suhasini Ma'am's interactions gave us a glimpse into their world and had the audience ecstatic. Aishwarya Lekshmi's words allowed us to feel the experience she gained working on such a magnificent set. Moreover, just like her on-screen self, Trisha's appearance on-stage allured the audience by her charisma and dialogue. To end this amazing event, Vikram then graced the stage and caused the masses to go in a frenzy by his style, suave and charming demeanour. His spoken words then concluded the amazing event and the overall experience of NITTFEST'23.



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

Prizes won	Name of the CLUB
<ul style="list-style-type: none"> 1 State semifinalist and 4 zonal finalists in Speak for India (India's largest debate competition) National Top Scorer India G-20 Quiz 2023 by Ministry of Education Third place in Coimbatore Book festival open quiz 	Balls by Picasso
<ul style="list-style-type: none"> Selected at regional level for HipHop International 	Dance Troupe
<ul style="list-style-type: none"> Second place in poetry competition in Tamil Nadu Government Tamil Literary Competition 	Tamil Mandram
<ul style="list-style-type: none"> 2nd prize in Biognosis, Shaastra 2023, IIT Madras 2nd prize in Healthcare Sangam, Pragyana, 2023 2nd prize in Energy and Environment, Sangam Pragyana 2023 Best Paper Award- "An Abstract Model for Onshore Wind turbine Blade Maintenance" 1st prize in Jalyaan, Pragyana, 2023 Submitted 6 papers in the 10th fold of ICRoM. All 6 papers got published and can be accessed through IEEE 	Designers' Consortium
<ul style="list-style-type: none"> SAE Aerothon'22 Automated Drone Development Competition, Ranked top 10 all over India in the design phase. Got sponsorship from Solidworks (a reputed CAD modeling and simulation tool) for SAE Aerothon 2022 	The 3 rd Dimension

<ul style="list-style-type: none"> • Sangam 2023, Pragyan - First prize in the Energy & Environment domain • Boeing National Aeromodelling Competitions : Finalists for both aircrafts and succeeded to gain flight in the final round 	
<ul style="list-style-type: none"> • National finalist (one of the Top 7 teams) in IIT-M's annual social case study competition • Finalist in IIM Calcutta's Pankh National level case competition • National semifinalist in MICA National Level case competition • National winners (#2) in IIM A's Sustain 2.0 • National winners (#3) in IIM T's Consulting Czars • Finalist in Ashwamedha, IIM Indore's flagship legacy leadership event • Finalist in Tata crucible campus business quiz (May). 	180 DC
<ul style="list-style-type: none"> • Platform for GAIL and Automated Document Portal with Blockchain Technology for ICCR • Two teams qualified the initial round and went for ACM ICPC regionals • Won in TransfiNITTe 2023 • Runner up in Hire Quotient Hackathon 	Delta
<ul style="list-style-type: none"> • A member of the club bagged 14th rank in IGMO 2022 and was awarded with silver honour certificate. • Few members participated in ICPC regionals 2023 and rank 29 was obtained by three of our members. 	Maximus
<ul style="list-style-type: none"> • The following projects have won prizes in Sangam'23, Pragyan's annual hardware hackathon: QuaDro (1st Place in Healthcare) Hexapod (1st Place in Space Technology) Rover (2nd Place in Space Technology) • Two teams qualified for semi-finals in E-Yantra 2021-22, All India Robotics competition held by IIT Bombay with over 35k competing teams. 	RMI
<ul style="list-style-type: none"> • Received footfall of 1000+ for E-Summit from across 	E-Cell
<ul style="list-style-type: none"> • State Design Contest entries- Participated and got endorsed by Strate School or Design. Bangalore in an online poster design contest among 200 entries • Attended a Design conference, called D'Con 2023 which was an eye-opener and provided us with a depth to the concept of Design in a Broader perspective. • FIRST PLACE, Designathon Event, IITM - SAARANG • FIRST PLACE, Poster Design, IFP 	Graphique
<ul style="list-style-type: none"> • IIT-Gandhinagar Case Study We actively participated in the engineering challenges in EV safety competition at IIT Gandhinagar and landed in the top 15 and got qualified for finals. 	EVER

10.6 NATIONAL CADET CORPS (NCC)

The National Cadet Corps (NCC) is a prominent organization that aims to shape responsible and motivated citizens. It instills values of national unity, secularism, and social welfare. The NCC's Air Wing accommodates up to 50 cadets, selected based on willingness and fitness, with a maximum three-year participation. Cadets can earn 'B' and 'C' certificates following one to two years of training.

In the year 2022-23, A-Flight NCC organized 40 offline official parades. Every week on Saturday, the cadets assemble in NSO ground in uniform for offline official parades. The 3rd year Cadets had the role of instructing primarily 2nd year cadets and, in turn, the 1st year cadets. The parades included both practical and theoretical sessions, with the practical component focusing on teaching cadets how to perform the drill sequence. The drill sequence majorly focuses on developing the cadets physical strength and preparing them for foot drill and then eventually for rifle drill.

The NCC cadets have organized the following events in 2022– 23:

Event	Date
Independence Day celebrations	15th August, 2022
Breast Cancer Awareness program by Dr. G. Govindaraj	30th October, 2022
Thermogram testing for Breast Cancer detection	30th October, 2022
NCC Inductions	14th December, 2022
CTC	7th January 2023 to 14th January 2023
Republic Day celebrations	26th January, 2023
B and C certificate exams	February 2023 to March 2023
Training sessions in st. Joseph college	March 2023 & April 2023
Cloth Donation Drive	16th March, 2023

10.7 NATIONAL SERVICE SCHEME (NSS)

The National Service Scheme (NSS) at the National Institute of Technology, Tiruchirappalli (NIT Trichy), had a remarkable and impactful year in 2022-2023. Under the dedicated leadership of Dr. K. Pannerselvam, our NSS team, comprising Program Officers Dr. Sankar, Dr. Raghavan, Dr. Marisamynathan, and Dr. Jeevan Joseph, along with the unwavering support of Pavithran (Chairperson), Anupriya (Secretary), and Bency Vinse (Treasurer), successfully organized a series of events and year-round initiatives aimed at serving the community and promoting social responsibility.

In October 2022, NSS organized an Eye Check-Up Camp in collaboration with NIT-T hospital and Joseph Eye Hospital. The primary goal was to provide free eye exams to people in and around NIT-Trichy. This event emphasized the significance of vision care and benefited over 450 members.

February 2023 witnessed the NSS team embarking on the Ariyamangalam Water Survey. The project aimed to comprehensively assess the water quality of the local community and facilitate the planning of sustainable solutions. In the same month, our team also collaborated with various Technical Clubs of NIT-Trichy to organize a Science Exhibition for school students. It was a remarkable event that aimed to ignite scientific curiosity and innovation among school students.

The week-long NSS Special Camp in March 2023 was a comprehensive endeavor focused on community service. Volunteers visited an Orphanage Camp, Government Schools, and also conducted a survey on the employment rate in and around NIT-Trichy. First-year students of NIT-Trichy, as part of their academic curriculum, volunteered for this camp and demonstrated the power of collective action toward social welfare.

In April 2023, NSS organized a highly successful Blood Donation Camp with the eager participation of 150+ Volunteers. This event contributed significantly to the local blood bank's resources and created awareness of the importance of blood donation.

Throughout the year, NSS remained dedicated to its year-round initiatives. The team actively engaged in activities that involved posting on national days, raising awareness about historical milestones, and conducting interactive sessions in REC School. These efforts highlighted NSS's commitment to promoting unity and a sense of shared identity among the community.

We express our sincere gratitude to our volunteers, members, and the institute for their unwavering support. We are persistent in our commitment to adhering to the NSS motto, "Not Me, But You," and improving the lives of the people we support as we move ahead.



TASKFORCE

EVENTS CONDUCTED :

1. **POR Verification** – Verified PORs held by students during their campus years.
2. **Blood donation camp**
3. **Soapbox** – Presentation of the plans & goals of the candidates contesting for the Students' Council Elections in front of the entire student community.
4. **Passport Mela**

10.8 SPORTS ACHEIVEMENTS

NITT won the Best Outstation team award at Spardha IIT BHU and became the Overall Athletics and Powerlifting champions, while also winning Gold in Chess and Silver in Hockey Men. We also achieved Gold in Badminton Men, Bronze in Badminton Women and Tennis, and Silver in Volleyball Women at Spardha IIT BHU. At InterNIT Jaipur, we secured the overall runners-up position in Athletics, and at InterNIT Silchar, we won Gold in Badminton Women, and Silver in Chess Men and Women.

NITT's hockey men's team won Gold in InterNIT Calicut, and our handball women's team won Bronze. At InterNIT Surathkal, NITT's Kabaddi Women's team won Gold and our Volleyball Men's team won Bronze. Additionally, NITT's Swimming Men's team won Gold, while Swimming Women's team won Bronze at InterNIT Rourkela.

NITT's Powerlifting Men's team won Gold and Cricket Men's team secured Silver at InterNIT Surat. We also won Badminton Women and Table Tennis Women in Colosseum'23 - Sastra and achieved high rankings in other sports such as Chess Men, Volleyball Women, Football Men, Table Tennis Men, and Tennis Men. Finally, NITT's Football Women's team secured the overall runners-up position and Swimming Men's team also achieved the overall runners-up position at Manipal Revels'23. Furthermore, our Cricket team was promoted from TDCA 3rd division to 2nd division.

Overall, NITT had a commendable performance in sports throughout the academic year 2022-2023.

1. Spardha IIT BHU

Best Outstation team - NITT Athletics - Overall Champions, Powerlifting - Overall Champions,
Chess – Gold , Tennis - Bronze

Hockey Men – Silver and Badminton men - Gold ,Badminton women – Bronze, Volleyball women -
Silver

2. InterNIT Jaipur

Athletics - Overall Runners

3. InterNIT Silchar
Badminton Women - Gold (overall championship) ,Chess men & women – Silver (overall runners)
4. InterNIT Calicut
Hockey Men - Gold (Overall winners), Handball Women – Bronze
5. InterNIT Surathkal
Kabaddi women - Gold (Overall championship), Volleyball men - Bronze
6. InterNIT Rourkela
Swimming Men - Gold (Overall championship), Swimming women - Bronze
Football Men – Bronze , Kho Kho Women – Bronze
7. InterNIT Surat
Powerlifting Men - Gold (Overall championship),Cricket Men - Silver (overall runners up).
8. Colosseum'23 - Sastra Badminton Women - 1st Place, Table Tennis Women - 1st Place, Chess Men - 2nd Place, Volleyball Women - 2nd Place, Football Men - 3rd Place, Table Tennis Men - 3rd Place, Tennis Men - 3rd Place
9. Manipal Revels'23
Football Women - Silver (overall runners up), Swimming men - overall runners
10. Cricket team promotion - TDCA 3rd division to 2nd division



10.9 SPORTSFETE'22

An annual inter-departmental sports competition called "Sportsfete" at NIT Trichy brings together 14 different departments for a lively competition with 20 sports games, multiple game events and workshops. 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. Interestingly, over 1500 runners participated in the marathon, a premier event that demonstrated the growing popularity of endurance sports and the dedication to physical fitness and we have also conducted workshops like Parkour and Freestyle.

The previous year's "Sportsfete," which had "Stairway To Stardom" as its theme, saw the Production Engineering Department emerged as the champion. Their narrow victory represented the spirit of cooperation, justice, and willpower that characterizes the competition. 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.



10.10 CAMPUS DEVELOPMENT INITIATIVES

1. DESIGNERS' CONSORTIUM

- Ideation, design, and fabrication of a device that can be attached with various bicycles and can transport luggage across campus
- Bicycle docking system for cycles
- Ideation, design, and fabrication of a smart lock for laboratories and other facilities with advanced biometric authentication.

2. E-CELL

- Startup Support Program Most of the successful startup ideas come from student clubs, teams, etc. As such, we created a program where we partner with external organizations to develop their technical product for the market.

3. Graphique

- Project Tathva Freshers' introductory project. Once the new team is formed the freshers are encouraged showcase their expertise in their domain of choice through a team based intra-club designathon. This is a very important project since it shows the freshers how things work inside our club and encourages them to socialize with their clubmates.

4. Nakshatra

- CubeSat development: As part of our long term goal to launch a satellite from our college, we have started developing a CubeSat to do the analysis on the vegetation index of the crops grown in the Tamil Nadu state in which we are using the concepts of vegetation index, machine learning, image processing, satellite mechanics, propulsion, etc.

5. Builders' Hive

- ICI Student Chapter: The event was a grand success and marked a significant milestone for us. The ICI Student Chapter at NITT provides us with an excellent platform to expand our knowledge, skills and potential in the field of concrete construction and associated research.

6. Delta

- Dashboard Hostel Allocation
- Mess allocation Performed monthly mess allocation and site maintenance.
- Scholarship Portal: Maintaining the core functionality of the site

7. Sigma

- SIGMA Podcast: We at SIGMA - The Business Club of NIT Trichy, are thrilled to start with a new series of talks and interviews with industry leaders in the field of management exams, business, finance, analytics, and consulting called the "SIGMA Podcast".

8. Spider

- STELR - INTRODUCTION TO MACHINE LEARNING A workshop conducted in collaboration with Pragyan Social Responsibility Team (PSR) for 11th and 12th government school students.
- YOUNG TECHIE In collaboration with Pragyan, Spider mentored middle school students over 4 weekends in March to help them execute their project ideas.

9. ProfNITT

- Trading Competitions and workshops
- Knowledge Sharing sessions in SCIENT
- Educational Instagram Posts

All events coordinated by **STUDENTS' COUNCIL MEMBERS (2022-2023)**

S. No.	Name	Designation
1.	Akilan R	President
2.	Jesse Andrea	Vice President
3.	Mukesh Sundar	General Secretary
4.	Deepigaa Narendran	General Secretary (Girls)
5.	Govind Kumar	Joint Secretary
6.	Gayathri Peram	Joint Secretary (Girls)

APPENDIX~A
AUDIT CERTIFICATE



भारतीय लेखापरीक्षा और लेखा विभाग
INDIAN AUDIT AND ACCOUNTS DEPARTMENT
प्रधान निदेशक लेखापरीक्षा (केंद्रीय) चेन्नै का कार्यालय
OFFICE OF THE PRINCIPAL DIRECTOR OF AUDIT
(CENTRAL) CHENNAI



SUPREME AUDIT INSTITUTION OF INDIA
लोकहितार्थं मय्यनिष्ठा
Dedicated to Truth in Public Interest

No. PDA(C)/CE/II/28-82/23-24/ 71

Date: 04.11.2023

To

The Secretary to Government of India,
Ministry of Education,
Shastri Bhawan,
New Delhi - 110 001.

NIT Director's Office	
Inward Dar No.	2355
DO	06/11/2023
DO	09/11/2023

Sir,

**Sub: Separate Audit Report on the accounts of National Institute of Technology
Tiruchirappalli for the year 2022-23.**

I am to forward herewith the Separate Audit Report on the accounts of National Institute of Technology Tiruchirappalli for the year 2022-23 along with the Statement of Accounts.

The date of presentation of the accounts to Parliament for the year 2022-23 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

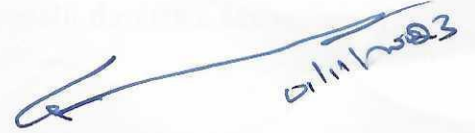
Sd/-
Director(Central Expenditure)

To
R
6/11/23

No. PDA(C)/CE/II/28-82/23-24/71

Date: 01.11.2023

Copy of the Separate Audit Report of National Institute of Technology Tiruchirappalli for the year 2022-23 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 2022-23. **Approval of the competent authority may be obtained for the Revised Annual Accounts of 2022-23 and the Minutes of the meeting be forwarded at the earliest.**



Director(Central Expenditure)

iv We further report that:

A. Grants in aid

Out of the grants-in-aid of ₹228.68 crore received during the year 2022-23, the Institute utilised a sum of ₹228.68 crore leaving NIL balance as unutilised grant as on 31 March 2023.

B. Effect of Revision in Accounts.

The accounts of the Institute were revised based on audit comments as a result of which, Assets/Liabilities increased by ₹4.60 lakh and surplus (of income over expenditure) increased by ₹4.60 lakh.

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 Tiruchirapalli as at 31 March 2023; and

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

For and on behalf of the C&AG of India

Place: Chennai

Date: .11.2023


1-11-23

Principal Director of Audit (Central) Chennai

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 2023.

We have audited the attached Balance sheet of National Institute of Technology Tiruchirappalli as on 31st March 2023, 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.

Annexure

1. Adequacy of Internal Audit System:

Adequate.

2. Adequacy of Internal Control System:

Internal control system was inadequate to the extent of non-formulation of policy for the utilisation of designated funds.

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

Physical verification of fixed assets was done for the period 2022-23.

4. System of Physical Verification of Inventory.

Physical verification of inventory was done for the year 2022-23.

5. Regularity in payment of statutory dues:

The Institute was regular in payment of Statutory dues.



Director (Central Expenditure)

APPENDIX~B
ANNUAL ACCOUNTS
FY 2022~2023

NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 620 015 TAMILNADU



ANNUAL ACCOUNTS
FY 2022-23 (Revised)

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 620 015

ANNUAL STATEMENT OF ACCOUNTS FY 2022-23

Contents	Page
Balance Sheet as at 31 st March, 2023	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 31-03-2023

		₹	₹
Sources of Funds:	Schedule No.	2022-23	2021-22
Capital Fund	1	191 40 94 325	109 91 52 237
Designated/Earmarked/Endowment Funds	2	225 76 09 384	201 94 80 432
Secured Loans - HEFA Loan	2(HEFA)	24 79 06 714	25 73 60 416
Current Liabilities & Provisions @	3	641 85 29 323	649 33 92 385
TOTAL		1083 81 39 747	986 93 85 470
Application of Funds	Schedule No.	2022-23	2021-22
Fixed Assets	4		
Tangible Assets		395 04 79 652	409 57 90 968
Intangible Assets		3 73 94 320	4 50 39 824
Capital Works-in-progress		109 34 91 277	74 22 89 670
Investments From Earmarked/Endowment Funds	5		
Long Term		204 59 15 532	12 75 66 791
Short Term		2 01 01 297	172 58 00 376
Investments - Others	6		
Current Assets	7	303 56 64 544	244 66 91 528
Loans, Advances & Deposits	8	65 50 93 125	68 62 06 312
TOTAL		1083 81 39 747	986 93 85 470

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 31.03.2023 the Provision for liability towards Retirement Benefit as per Actuarial Valuation is Rs.558.44 Crore. Accordingly the provision is revised as Rs.558.44 Crores in 2022-23.

Significant Accounting Policies

23

Contingent Liabilities and Notes to Accounts

24

N. Dhandu
Registrar (i/c)
NIT-Tiruchirappalli
Tiruchirappalli - 620 015
Tamil Nadu

D. Dhandu
Director
National Institute of Technology
Tiruchirappalli - 620 015
Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015
Income and Expenditure Account for the Period/Year Ended 31-03-2023

		₹	₹
Particulars	Schedule No.	2022-23	2021-22
INCOME			
Academic Receipts	9	72 57 97 929	61 10 20 264
Grants/Subsidies	10	201 90 61 844	175 81 53 787
Income From Investments	11	10 28 43 929	6 96 50 006
Interest Earned	12	36 18 755	83 21 880
Other Income	13	20 81 27 959	8 83 39 434
Prior Period Income	14	39 97 033	74 00 000
TOTAL-(A)		306 34 47 449	254 28 85 372
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)@	15	142 37 50 241	710 88 13 362
Academic Expenses	16	38 86 66 106	40 65 56 792
Administrative and General Expenses	17	14 28 22 621	8 99 45 221
Transportation Expenses	18	29 68 247	23 25 180
Repairs & Maintenance	19	10 16 58 209	8 50 43 630
Finance Costs	20	1 88 18 447	2 02 48 529
Depreciation	4	28 60 21 786	37 42 71 470
Other Expenses	21	0	0
Prior Period Expenses	22	1610272	3 05 232
TOTAL-(B)		236 63 15 929	808 77 09 415
Balance Being Excess of Income over Expenditure (A-B)		69 71 31 520	- 554 48 24 048
CPWD Deposit for Capital Exp.		64 10 200	38 42 80 299
Repayment of HEFA loan availed for Capital Exp.		7 29 70 000	6 22 85 000
Capital Expenditure from IRG/HEFA		2 69 42 172	3 45 29 258
Others (Transfer to Corpus Fund 7 75 00 000 + 1 18 00 000)		8 93 00 000	8 97 00 000
Balance Being Surplus/Deficit Carried to Capital Fund		50 15 09 148	- 611 56 18 600

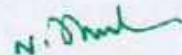
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Significant Accounting Policies

23

Contingent Liabilities and Notes to Accounts

24


कुलसचिव / REGISTRAR
 राष्ट्रीय प्रौद्योगिकी संस्थान / National Institute of Technology NIT-Tiruchirappalli
 तिरुचिरापल्ली-620 015 / Tiruchirappalli - 620 015,
 तमिलनाडु / Tamilnadu


Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

**SCHEDULES FORMING PART
OF
BALANCE SHEET**

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 1: CAPITAL FUND

Particulars		₹	₹
		2022-23	2021-22
	Balance as at the Beginning of the Year	109 91 52 237	641 16 25 976
Add:	Contribution towards Capital Fund	0	0
Add:	Grant from UGC, Govt of India and State Government to the extent utilized for capital expenditure	21 40 04 216	13 23 21 308
Add:	Assets Purchased out of IRG	2 69 42 172	3 45 29 258
Add:	Capital Expenditure out of IRG+HEFA Loan repayment from IRG	7 93 80 200	64 31 87 943
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	50 15 09 148	0
Total		192 09 87 973	722 16 64 485
Deduct:	Deficit transferred from the Income & Expenditure Account	0	- 611 56 18 600
Deduct:	Depreciation on Assets Donated/Gifts Received (Siemens COE)	- 68 93 648	- 68 93 648
	Balance at the Year End	191 40 94 325	109 91 52 237

(Signature)
Registrar (i/c)

NIT Tiruchirappalli / REGISTRAR
 राष्ट्रीय प्रौद्योगिकी संस्थान / National Institute of Technology
 तिरुचिरापल्ली-620 015 / Tiruchirappalli - 620 015.
 तमिलनाडु / Tamilnadu

(Signature)
Director

NIT-Tiruchirappalli
 Director
 National Institute of Technology
 Tiruchirappalli-620 015
 Tamil Nadu, India

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	ECC Fund Transferred to Research Park Fund in 2022-23	Research Park Fund (Starts created in 2022-23)	Endowment	R&C Funds		AIC Fund	2022-23	2021-22
									ICSR	RMF			
A.													
a) Opening Balance	192 78 60 771	2 78 88 955	12 00 877	12 00 877	1 80 13 121	1 85 86 267	0	1 84 90 798	0	0	62 38 756	201 94 80 432	192 51 57 242
b) Additions during the year	9 97 81 883	8 54 587	0	0	0	0	0	0	0	0	0	10 06 36 470	84 83 58 063
c) Income from investments made out of the funds	85 77 853	1 24 090	5 343	5 343	80 148	82 698	0	7 64 750	0	0	2 65 397	99 05 622	4 18 88 617
d) Accrued Interest on Investments/Advances	9 29 58 030	13 44 756	57 904	57 904	8 68 361	8 96 197	0	0	0	0	0	9 61 83 372	4 76 59 909
e) Interest on Savings Bank Account	1 09 834	1 589	68	68	1 026	1 059	0	0	0	0	0	1 13 694	2 54 213
f) Other Additions	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer from ECC Fund	0	0	0	0	0	0	1 95 66 221	0	0	0	0	1 95 66 221	0
Transfer from Sch-3(a) Project & Consultancy Fund	0	0	0	0	0	0	1 16 73 300	0	70 98 186	1 31 08 759	0	3 18 82 244	0
Total - (A)	212 92 88 411	3 02 13 977	12 64 192	12 64 192	1 89 62 866	1 95 66 221	3 12 41 521	1 92 35 548	70 98 186	1 31 08 759	63 04 133	227 77 68 025	266 33 18 044
B. Utilisation/Expenditure towards objectives of funds:													
i) Capital Expenditure	0	0	0	0	0	0	0	0	0	0	0	0	0
ii) Revenue Expenditure	0	0	0	0	0	0	0	3 01 472	0	0	2 90 948	5 92 420	6 49 669
Transferred to Research Park Fund	0	0	0	0	0	1 95 66 221	0	0	0	0	0	1 95 66 221	0
Capital Expenditure out of IRG+HEFA Loan repayment from IRG - Transferred to Capital Fund:-													
IRG Capital Expenditure	0	0	0	0	0	0	0	0	0	0	0	0	50 35 02 943
HEFA Loan repaid from IRG	0	0	0	0	0	0	0	0	0	0	0	0	13 96 85 000
Total - (B)	0	0	0	0	0	1 95 66 221	0	3 01 472	0	0	2 90 948	2 01 58 641	64 88 87 612
Closing balance at the year end (A-B)	212 92 88 411	3 02 13 977	12 64 192	12 64 192	1 89 62 866	0	3 12 41 521	1 89 54 076	70 98 186	1 31 08 759	62 13 205	225 76 09 384	201 94 80 432
Represented by													
Cash and Bank Balances *	48 60 058	0	0	0	0	0	1 19 63 536	40 52 779	70 98 186	1 24 11 108	10 13 205	4 13 98 871	61 04 775
Investments	197 81 57 642	2 88 69 221	12 06 288	12 06 288	1 80 94 305	0	1 83 81 788	1 49 01 297	0	0	52 00 000	206 60 16 829	183 33 67 167
Interest accrued but not due	14 06 17 959	13 44 756	57 904	57 904	8 68 361	0	8 96 197	0	0	0	0	14 38 43 281	4 76 59 909
TDS Receivable	28 62 149	0	0	0	0	0	0	0	0	0	0	28 62 149	28 62 149
Receivable from TEQHP Account	0	0	0	0	0	0	0	0	0	0	0	0	85417
Receivable from R & C Account	27 90 603	0	0	0	0	0	0	0	0	6 97 631	0	34 88 254	1 13 32 130
Receivable from CASB 2019 Account	0	0	0	0	0	0	0	0	0	0	0	0	98048885
CPWD WIP/Deposits (IRG portion)	0	0	0	0	0	0	0	0	0	0	0	0	0
CPWD WIP & Equipment (HEFA Loan repaid portion)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	212 92 88 411	3 02 13 977	12 64 192	12 64 192	1 89 62 866	0	3 12 41 521	1 89 54 076	70 98 186	1 31 08 759	62 13 205	225 76 09 384	201 94 80 432

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

Note: Based on IRG resolution No.54/RC/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)
 Registrar (i/c)
 NIT-Tiruchirappalli

(Signature)
 Director
 NIT-Tiruchirappalli

कुलसचिव/REGISTRAR
 राष्ट्रीय प्रौद्योगिकी संस्थान/National Institute of Technology
 तिरुचिरापल्ली-620 015/Tiruchirappalli - 620 015,
 4 - तमिलनाडु/Tamilnadu

Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 2(HEFA) : SECURED LOANS - HEFA LOAN

Particulars	₹	₹
	2022-23	2021-22
A. HEFA Loan		
a) Opening Balance	25 73 60 416	17 28 60 803
b) Additions during the year	6 35 16 298	14 67 84 613
Total (A)	32 08 76 714	31 96 45 416
B. Repayment during the Year	7 29 70 000	6 22 85 000
Closing balance at the year end (A-B)	24 79 06 714	25 73 60 416

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 and Rs.21.37 Crore in Phase-2, as on date loan availed and balance are shown below:

Year	Phase	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
		1	2	3(1+2)	4	5(3-4)	6
2019-20	Phase 1	7 90 00 000	.0	7 90 00 000	2 58 00 000	5 32 00 000	13 60 100
2020-21	Phase 1	5 70 00 000	11 42 60 803	17 12 60 803	5 16 00 000	11 96 60 803	69 25 162
2021-22	Phase 1	2 10 00 000	5 07 84 613	7 17 84 613	5 16 00 000	2 01 84 613	1 45 11 984
2022-23	Phase 1	60 00 000	75 16 298	1 35 16 298	5 16 00 000	-3 80 83 702	1 35 92 869
Phase 1 Total		16 30 00 000	17 25 61 714	33 55 61 714	18 06 00 000	-3 80 83 702	3 65 90 115
2021-22	Phase 2	7 50 00 000	.0	7 50 00 000	1 06 85 000	6 43 15 000	8 84 685
2022-23	Phase 2	5 00 00 000	.0	5 00 00 000	2 13 70 000	2 85 30 000	39 18 531
Phase 2 Total		12 50 00 000	.0	12 50 00 000	3 20 55 000	2 85 30 000	48 03 216
Phase 1 & 2 Total		28 80 00 000	17 25 61 714	46 05 61 714	21 26 55 000	24 79 06 714	4 13 93 331

Interest accrued but not paid as on 31st March 2023 - Phase 1

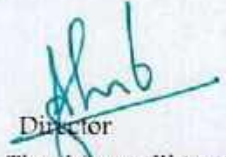
30 54 634

Interest accrued but not paid as on 31st March 2023 - Phase 2

16 22 173

46 76 807



 Registrar / REGISTRAR
 NIT Tiruchirappalli / National Institute of Technology
 திருச்சிரப்பலி / Tiruchirappalli - 620 015.
 தமிழ்நாடு / Tamilnadu

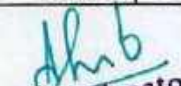

 Director
 NIT-Tiruchirappalli
 National Institute of Technology
 Tiruchirappalli-620 015
 Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE : 2 (a) ENDOWMENT FUNDS

Sl.No.	Name of the Endowment	Opening Balance As on 01-04-2022		Additions during the years		Total		Expenditure on the object during the year	Closing Balance As on 31-03-2023		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	33	0	26	500	59	0	500	59	559
2	Kharche Associated Fund	10 000	664	0	511	10 000	1 175	0	10 000	1 175	11 175
3	Chetterjee Memorial Fund	10 000	1320	0	511	10 000	1 831	0	10 000	1 831	11 831
4	Reunion Fund	44 065	28 331	0	2 253	44 065	30 584	0	44 065	30 584	74 649
5	Rajalaxmi Trust Fund	3 000	199	0	153	3 000	352	0	3 000	352	3 352
6	Balakumaran Memorial Fund	10 000	665	0	511	10 000	1 176	509	10 000	667	10 667
7	Janardhan Iyengar & Seethamma Fund	20 000	1331	0	1 023	20 000	2 354	509	20 000	1 845	21 845
8	Prof. S. Muthukaruppan Fund	10 000	665	0	511	10 000	1 176	509	10 000	667	10 667
9	Prof. S.H.Ibrahiim Endowment Fund	25 000	1662	0	1 278	25 000	2 940	2547	25 000	393	25 393
10	Prof.M.Sitaraman Endowment Fund	25 000	1662	0	1 278	25 000	2 940	509	25 000	2 431	27 431
11	Prof.Thirumalai Arasan Mem Fund	25 000	1662	0	1 278	25 000	2 940	1274	25 000	1 666	26 666
12	Dr. M. Shanmugam Fund	1 25 000	8311	0	6 392	1 25 000	14 703	8311	1 25 000	6 392	1 31 392
13	Dr. M. Shanmugam Fund	2 00 000	13299	0	10 228	2 00 000	23 527	8466	2 00 000	15 061	2 15 061
14	Dr. M. Shanmugam Fund	75 000	3730	0	3 835	75 000	7 565	3 730	75 000	3 835	78 835
15	Avinash Memorial Endowment Fund	2 00 000	13299	0	10 228	2 00 000	23 527	10 190	2 00 000	13 337	2 13 337
16	Neela Balasubramanian Memorial Award (Dr.B.Sekar)	1 25 000	8312	0	6 392	1 25 000	14 704	6 368	1 25 000	8 336	1 33 336
17	Karthik Memorial Fund(Dr.G.Swaminathan)	50 000	3325	0	2 557	50 000	5 882	2 547	50 000	3 355	53 355
18	Vijayalakshmi Kannan Memorial Fund	15 000	997	0	767	15 000	1 764	764	15 000	1 000	16 000
19	Dr.Duraisamy Memorial Fund (Dr.TSRajan)	50 000	2486	0	2 557	50 000	5 043	2 634	50 000	2 409	52 409
20	RECAL NITT Fund (Ramesh Swaminathan Memorial Fund)	68 823	36 888	0	3 520	68 823	40 408	0	68 823	40 408	1 09 231
21	Ruby & Topaz 84 Batch Endowment Fund	9 52 909	4 19 361	0	48 731	9 52 909	4 68 092	1 20 000	9 52 909	3 48 092	13 01 001
22	Subash Chandrabose Memorial Award	75 000	3510	0	3 835	75 000	7 345	3 950	75 000	3 395	78 395
23	Dr.P.S.Manisundaram Endowment Fund	50 000	2486	0	2 557	50 000	5 043	5 043	50 000	.0	50 000
24	Dr.P.S.Manisundaram Endowment Fund	25 000	1662	0	1 278	25 000	2 940	2 940	25 000	.0	25 000
25	Oisik Adak Memorial Award(Pragyan)	40 000	2660	0	2 046	40 000	4 706	0	40 000	4 706	44 706
26	Oisik Adak Memorial Award(Pragyan)	50 001	3325	0	2 557	50 001	5 882	0	50 001	5 882	55 883
27	Oisik Adak Memorial Award(Pragyan)	2 00 000	9945	0	10 228	2 00 000	20 173	0	2 00 000	20 173	2 20 173
28	Dr.J.Raja Memorial Fund	50 000	2486	0	2 557	50 000	5 043	2 634	50 000	2 409	52 409
29	Prof.Joseph Martin Fernando Trophy	50 000	2486	0	2 557	50 000	5 043	0	50 000	5 043	55 043
30	S.J. Chainulu Medal of Excellence	4 00 000	30239	0	20 456	4 00 000	50 695	20 376	4 00 000	30 319	4 30 319
31	S.J. Chainulu Medal of Excellence	1 00 000	6649	0	3 115	1 00 000	11 764	5 094	1 00 000	6 670	1 06 670
32	Prof. K.S. Pandey	1 17 000	7780	0	5 984	1 17 000	13 764	5 961	1 17 000	7 803	1 24 803
33	M/s. Chennai Metro F. Ltd., Chennai	2 00 000	13299	0	10 229	2 00 000	23 528	10 189	2 00 000	13 339	2 13 339
34	Anjali Ammal	15 00 000	58268	0	76 710	15 00 000	1 34 978	76 418	15 00 000	58 560	15 58 560
35	Anjali Ammal (for Distribution)	0	0	0	0	0	0	0	0	0	0
	Sub Total	49 01 298	6 92 997	.0	2 50 649	49 01 298	9 43 646	3 01 472	49 01 298	6 42 174	55 43 472
36	80 BATCH CHAIR FUND	1 00 00 000	28 96 503	0	5 14 101	1 00 00 000	34 10 604	0	1 00 00 000	34 10 604	1 34 10 604
	TOTAL	1 49 01 298	35 89 500	.0	7 64 750	1 49 01 298	43 54 250	3 01 472	1 49 01 298	40 52 778	1 89 54 076


REGISTRAR
 राष्ट्रीय प्रौद्योगिकी संस्थान / National Institute of Technology
 तिरुचिरापल्ली - 620 095 / Tiruchirappalli - 620 015.
 तमिलनाडु / Tamilnadu



Director
 NIT-Tiruchirappalli
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3: CURRENT LIABILITIES & PROVISIONS

	₹	₹
Particulars	2022-23	2021-22
A. Current Liabilities		
1. Deposits from Staff	0	0
2. Deposits from Students	10 39 54 995	10 43 64 719
3. Sundry Creditors:-		
a) For Goods & Services	5 14 46 035	4 76 50 295
b) Others	9 74 71 425	8 14 28 008
4. Deposit-Others(including EMD, Security Deposit)	5 00 08 232	5 17 33 620
5. Statutory Liabilities (GPF, TDS, WC Tax, CPF, GIS, NPS):-		
a) Overdue	0	0
b) Others	14 67 308	9 25 220
6. Other Current Liabilities:-		
a) Salaries	9 19 95 150	11 68 93 257
b) Receipts against Sponsored Projects	29 36 18 907	34 02 67 939
c) Receipts against Sponsored Fellowships & Scholarships	1 69 26 241	1 77 05 679
d) Unutilised Grants - Balance available with Insitute	0	0
- Balance available with CPWD as Deposits	5 37 93 953	
e) Grants in Advance	0	0
f) Other Funds (a) TEQIP Funds	0	0
(b) CSAB 2019 Funds	0	0
g) Other Liabilities	6 86 90 581	5 09 77 758
Total (A)	82 93 72 827	81 19 46 495
B. Provisions		
1. For Taxation	0	0
2. Gratuity	36 33 79 796	35 32 09 795
3. Superannuation/Pension	453 72 64 418	467 03 13 242
4. Accumulated Leave Encashment	68 38 35 475	65 41 03 313
6. Trade Warranties/Claims	0	0
7. Others - HEFA Loan Interest accrued	46 76 807	38 19 540
Total (B)	558 91 56 496	568 14 45 890
Total (A+B)	641 85 29 323	649 33 92 385

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 31.03.2023 the Provision for liability towards Retirement Benefit as per Actuarial Valuation is Rs.558.44 Crore. Accordingly the provision is revised as Rs.558.44 Crores in 2022-23.


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National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 3 (a): SPONSORED PROJECTS

Sl.No.	Name of the Project	Opening Balance As on 01-04-2022		Receipts / Recoveries during the year	Total	Expenditure during the year	Closing Balance (before Transfer)	Transferred to Sch-2 under R&C Funds	Closing Balance As on 31-03-2023	
		Credit	Debit	Receipt+Interest					Credit	Debit
1	2	3	4	5	6	7	8 (6-7)	9	10 (8-9)	11
1	DST, New Delhi	4 37 11 697	0	1 86 20 435	6 23 32 132	2 94 53 964	3 28 78 168	0	3 28 78 168	0
2	CSIR, New Delhi	53 30 975	0	1 62 714	54 93 689	25 04 520	29 89 169	0	29 89 169	0
3	UGC/AICTE, New Delhi	22 90 374	0	37 204	23 27 578	8 34 121	14 93 457	0	14 93 457	0
4	DRDO & Defence Research Laboratories	2 41 66 112	0	1 65 70 850	4 07 36 962	1 57 74 652	2 49 62 310	0	2 49 62 310	0
5	ISRO-STIC	67 12 697	0	23 56 905	50 69 602	80 73 832	9 95 770	0	9 95 770	0
6	MHRD & MHRD (SCSP/TSP/PWD)	51 40 646	0	83 502	52 24 148	0	52 24 148	0	52 24 148	0
7	MHRD-GIAN	4 71 298	0	7 656	4 78 934	1 37 637	3 41 317	0	3 41 317	0
8	SERB, New Delhi	3 91 11 694	0	3 17 59 293	7 08 70 987	3 45 35 368	3 63 35 620	0	3 63 35 620	0
9	SPARC	1 35 42 388	0	2 19 975	1 37 62 365	1 04 12 138	33 50 225	0	33 50 225	0
10	Miscellaneous Projects	4 92 16 654	0	3 25 05 246	8 17 21 900	1 54 31 658	6 62 90 242	0	6 62 90 242	0
11	MEJTY	65 59 128	0	32 76 255	98 35 383	72 09 796	26 25 587	0	26 25 587	0
12	L & T - CTM	3 34 41 821	0	5 43 210	3 39 85 031	20 94 598	3 18 90 433	0	3 18 90 433	0
13	TAT/MODROB Projects (in R&C Books)	46 28 460	0	75 182	47 03 642	0	47 03 642	0	47 03 642	0
14	HACKATHON	65 839	0	1 069	66 908	23 000	41 908	0	41 908	0
15	Funds Due in R&C/Projects Account (S Debtors)	0	37 61 839	37 61 839	0	0	0	0	0	0
Sub Total 1 (R&C)		23 43 89 783	37 61 839	10 99 81 834	34 06 09 278	12 64 87 284	21 41 21 995	0	21 41 21 995	0
17	Conference Consultancy	48 28 240	0	23 95 743	74 23 983	2 80 230	71 43 753	0	71 43 753	0
18	ECC (Engineering Consultancy Centre)	3 90 06 434	0	10 38 17 269	14 28 23 703	7 04 70 544	7 23 53 159	0	7 23 53 159	0
19	Accumulated income over the period in ECC Consultancy earnings	3 59 79 206	0	- 3 59 79 206	0	0	0	0	0	0
20	ICSR Fund	58 47 474	0	12 54 163	71 01 637	3 452	70 98 186	70 98 186	0	0
21	Research Management Fund	85 41 502	0	85 36 257	1 30 77 759	19 69 000	1 31 08 759	1 31 08 759	0	0
Sub Total 2 (R&C)		9 42 02 856	0	7 82 24 226	17 24 27 081	7 27 23 225	2 02 06 944	2 02 06 944	7 94 96 912	0
R&C Total		32 85 92 639	37 61 839	18 82 06 560	51 30 36 360	19 92 10 508	31 38 25 851	2 02 06 944	29 36 18 907	0
22	Project & Consultancy Fund (in Institute Books)	1 16 75 300	0	0	1 16 75 300	0	1 16 75 300	1 16 75 300	0	0
MOOCs Projects		0	0	0	0	0	0	0	0	0
Grand Total		34 02 67 939	37 61 839	18 82 06 560	52 47 11 660	19 92 10 508	32 55 01 151	3 18 82 244	29 36 18 907	0

N. Dhul
Registrar (i/c)
NIT-Tiruchirappalli

[Signature]
Director
NIT-Tiruchirappalli

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Director
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Tamil Nadu, India

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

Sl. No.	Name of Sponsor	Opening Balance As on 01-04-2022		Transactions During the year		Closing Balance As On 31-03-2023	
		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 24 26 735	0	14 11 264	29 37 321	1 09 00 678	0
	b) State scholarships	39 83 685	0	6 34 724	6 32 662	39 85 747	0
	b) PMRF	0	0	2 64 59 137	2 64 59 137	0	0
	c) QIP Fellowships	12 95 259	0	7 44 557	0	20 39 816	0
	TOTAL	1 77 05 679	0	2 92 49 682	3 00 29 120	1 69 26 241	0

N. Shankar

Registrar (i/c)

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Shankar

Director

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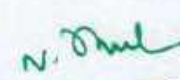
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National Institute of Technology, Tiruchirappalli-620 015

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

	₹	₹
Particulars	2022-23	2021-22
A. Capital Grants : Government of India, MoE		
Balance B/F	0	10 25 18 124
Add : Receipts during the year	26 77 98 169	2 98 03 184
Total (a)	26 77 98 169	13 23 21 308
Less Refunds		
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	21 40 04 216	13 23 21 308
Total (b)	21 40 04 216	13 23 21 308
Unutilized carried forward (a-b)	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)	201 90 61 844	175 81 53 787
Total (e)	201 90 61 844	175 81 53 787
Less : Surplus IRG of earlier years transfer to Capital Fund, if any		
Less : Utilized for Revenue Expenditure	201 90 61 844	175 81 53 787
Less : Utilized for Capital Expenditure	0	0
Total (f)	201 90 61 844	175 81 53 787
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)	5 37 93 953	0

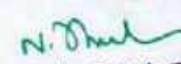

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SCHEDULE 5 (a2): UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS - OBJECT HEADWISE & IRG

Particulars	2022-23	2021-22
A. Capital Grants : Government of India, MoE (OH-35):		
Balance B/F	0	10 25 18 124
Add : Receipts during the year	26 77 98 169	2 98 03 184
Total (a)	26 77 98 169	13 23 21 308
Less Refunds		
Less : Utilized for Revenue Expenditure	0	0
Less : Utilized for Capital Expenditure	21 40 04 216	13 23 21 308
Total (b)	21 40 04 216	13 23 21 308
Unutilized carried forward (a-b) (OH-35)	53793953	0
B. Govt. of India, MoE Grants : Revenue (OH-36):		
Balance B/F	0	0
Add : Receipts during the year (Grant)	111 52 53 007	98 89 84 394
Total (c)	111 52 53 007	98 89 84 394
Less : Utilized for Revenue Expenditure	111 66 09 405	100 55 95 375
Less : Utilized for Capital Expenditure	0	0
Total (d)	111 66 09 405	100 55 95 375
Unutilized carried forward (c-d) (OH 36)	- 13 56 398	-1 66 10 981
Deficit balance adjusted in IRG	13 56 398	1 66 10 981
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)	90 38 08 837	76 91 69 393
Total (e)	90 38 08 837	76 91 69 393
Less : Surplus IRG transfer to Capital Fund, if any	0	0
Less : Utilized for Revenue Expenditure	106 03 52 247	103 02 16 220
Less : Utilized for Capital Expenditure	0	0
Total (f)	106 03 52 247	103 02 16 220
Unutilized carried forward (e-f) (OH 31)	-15 65 43 410	-26 10 46 827
Deficit balance adjusted in IRG	15 65 43 410	26 10 46 827
Unutilized carried forward	0	0
Total of Unutilized Grant (OH 35,36 & 31)	53793953	0
Total of Deficit balance adjusted in IRG (OH 36 & 31)	15 78 99 808	27 76 57 808
D. IRG Account:		
IRG Receipts during the year	104 43 85 605	78 47 31 585
Deficit balance under OH-31 an OH-36 adjusted in IRG (G)	15 78 99 808	27 76 57 808
Change in Actuary Valuation effect in Retirement Benefits Sch (G)	-9 66 67 509	0
Net Deficit in OH-31 & OH-36	6 12 32 299	27 76 57 808
Less : IRG Utilization during the year:		
Net Deficit in OH-31 & OH-36 as above	6 12 32 299	27 76 57 808
Utilized for Capital Expenditure-CFWD	64 10 200	38 42 80 299
Utilized for Capital Expenditure HEFA Loan Repayment	7 29 70 000	6 22 85 000
Utilized for Capital Expenditure(Asset Purchase)	2 69 42 172	3 45 29 258
Transfer to Corpus Fund	8 93 00 000	8 97 00 000
Total IRG Utilization during the year	25 68 54 671	84 84 52 365
Surplus IRG (Excluding Depreciation)	78 75 30 934	-6 37 20 780
Depreciation for the year	28 60 21 786	37 42 71 470


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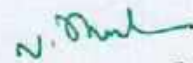
National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 4: FIXED ASSETS

Sl.No.	Assets Heads	Gross Block				Depreciation for the year 2022-23				Net Block	
		Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Dep Opening Balance	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31-03-2023	31-03-2022
1	Land	47 09 795	0	0	47 09 795	0	0	0	0	47 09 795	47 09 795
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	3 28 06 50 968	1 54 14 356	0	3 29 60 65 324	61 50 32 918	6 61 76 704	0	68 12 09 622	2 61 48 55 702	2 66 56 18 050
4	Roads & Bridges	4 67 95 899	0	0	4 67 95 899	64 87 702	9 35 917	0	74 23 619	3 93 72 280	4 03 08 197
5	Tubewells & Water Supply	4 96 17 864	3 10 064	0	4 99 27 928	74 50 420	9 98 557	0	84 48 977	4 14 78 951	4 21 67 444
6	Sewage & Drainage	7 73 19 450	0	0	7 73 19 450	1 01 27 873	15 46 390	0	1 16 74 263	6 56 45 187	6 71 91 577
7	Electrical Installation and Equipment	36 91 93 916	81 12 302	0	37 73 06 218	12 72 54 698	1 88 65 311	0	14 61 20 009	23 11 86 209	24 19 39 218
8	Plant & Machinery	11 46 95 898	7 70 866	0	11 54 66 764	3 47 77 638	57 73 337	0	4 05 50 995	7 49 15 769	7 99 18 240
9	Scientific & Laboratory Equipments	2 06 56 71 926	6 32 82 562	0	2 12 89 54 489	1 30 16 68 031	12 59 13 792	0	1 42 75 81 823	70 13 72 666	76 40 03 895
10	Office Equipments	7 45 31 642	5 92 905	0	7 51 24 547	5 91 61 578	33 43 565	0	6 25 05 143	1 26 19 404	1 53 70 064
11	Audio Visual Equipments	2 14 68 592	99 38 531	0	3 14 07 123	82 26 131	26 33 786	0	1 08 59 917	2 05 47 206	1 32 42 461
12	Computers & Peripherals	40 94 38 301	2 66 91 655	0	43 61 29 956	34 39 92 923	3 08 72 996	0	37 48 65 919	6 12 64 037	6 54 45 378
13	Furniture, Fixtures & Fittings	19 06 27 940	21 99 106	0	19 28 27 046	11 41 23 574	1 11 39 541	0	12 52 63 115	6 75 63 931	7 65 04 366
14	Vehicles	1 47 79 668	0	0	1 47 79 668	1 07 10 292	10 16 202	0	1 17 26 494	30 53 174	40 69 376
15	Lib.Books & Scientific Journals	6 49 61 973	11 78 898	0	6 61 40 871	4 96 59 066	45 56 464	0	5 42 45 530	1 18 95 341	1 53 02 907
16	Small Value Assets	35 689	73 870	0	1 09 559	35 689	73 870	0	1 09 559	0	0
	Total (A)	678 44 99 521	12 85 65 115	0	691 30 64 637	268 87 08 553	27 38 76 432	0	296 25 84 985	395 04 79 652	409 57 90 968
17	Capital Work in Progress (B)	74 22 89 670	36 69 03 381	1 57 01 974	109 34 91 277	0	0	0	0	109 34 91 277	74 22 89 670
Sl.No.	Intangible Assets	Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Total Amortization	Amortization for the year	Deductions/ Adjustment	Total Amortization	31-03-2023	31-03-2022
18	Computer Software(Incl. SIEMENS)*	99 76 79 334	1 00 99 206	0	1 00 77 78 540	98 75 29 035	1 10 78 358	0	99 86 07 393	91 71 147	1 01 50 299
19	E-Journals	5 24 64 957	1 51 728	0	5 26 16 685	5 05 39 424	14 01 002	0	5 19 40 426	6 76 259	19 25 833
20	Patents	64 05 601	11 42 564	0	75 48 165	20 46 391	8 38 686	0	28 85 077	46 63 088	43 59 210
21	SIEMENS' IP	5 14 88 606	0	0	5 14 88 606	2 28 83 824	57 20 956	0	2 86 04 780	2 28 83 826	2 86 04 782
	Total (C)	110 80 38 498	1 13 93 498	0	111 94 31 996	106 29 98 674	1 90 39 002	0	108 20 37 676	3 73 94 320	4 50 39 824
	Grand Total (A+B+C)	863 48 27 689	50 68 62 194	1 57 01 974	912 59 87 910	375 17 07 227	29 29 15 434	0	404 46 22 661	508 13 65 249	488 31 20 462

Note: The figure in column 'Deductions' under Gross Block against Small 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 17 include transfer from Work in Progress during the year, as well as further acquisitions during the year.

* Scientific & Laboratory Equipments Depreciation includes 3031000 Assets Depreciation for the Year of Rs.68,93,648/-.


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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 2022-23				Net Block		
		Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Dep Opening Balance	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31-03-2023	31-03-2022
1	Land	47 09 795	0	0	47 09 795	0	0	0	0	47 09 795	47 09 795
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	328 06 50 968	1 54 14 356	0	329 60 65 324	61 50 32 918	6 61 76 704	0	68 12 09 622	2 61 48 55 702	2 66 56 18 050
4	Roads & Bridges	4 67 95 899	0	0	4 67 95 899	64 87 702	9 35 917	0	74 23 619	3 93 72 280	4 03 08 197
5	Tubewells & Water Supply	4 96 17 864	3 10 064	0	4 99 27 928	74 50 420	9 98 557	0	84 48 977	4 14 78 951	4 21 67 444
6	Sewage & Drainage	7 73 19 450	0	0	7 73 19 450	1 01 27 873	15 46 390	0	1 16 74 263	6 56 45 187	6 71 91 577
7	Electrical Installation and Equipment	36 91 21 886	81 12 302	0	37 72 34 188	12 72 36 688	1 88 61 709	0	14 60 98 397	23 11 35 791	24 18 85 198
8	Plant & Machinery	11 45 27 748	7 70 866	0	11 52 98 614	3 47 52 434	57 64 929	0	4 05 17 363	7 47 81 251	7 97 75 314
9	Scientific & Laboratory Equipments	196 77 00 631	6 32 82 562	0	203 09 83 194	126 88 00 673	11 80 76 088	0	138 68 76 761	64 41 06 433	69 88 99 958
10	Office Equipments	7 45 31 642	5 92 905	0	7 51 24 547	5 91 61 578	33 43 565	0	6 25 05 143	1 26 19 404	1 53 70 064
11	Audio Visual Equipments	2 13 73 033	99 38 531	0	3 13 11 564	81 90 296	26 26 619	0	1 08 16 915	2 04 94 649	1 31 82 737
12	Computers & Peripherals	40 89 96 310	2 66 91 655	0	43 56 87 965	34 35 92 669	3 07 84 598	0	37 43 77 267	6 13 10 698	6 54 03 641
13	Furniture, Fixtures & Fittings	19 04 39 940	21 99 106	0	19 26 39 046	11 40 38 974	1 11 25 441	0	12 51 64 415	6 74 74 631	7 64 00 966
14	Vehicles	1 47 34 008	0	0	1 47 34 008	1 06 87 462	10 11 636	0	1 16 99 098	30 34 910	40 46 546
15	Lib.Books & Scientific Journals	6 49 61 973	11 78 898	0	6 61 40 871	4 96 59 066	45 86 464	0	5 42 45 530	1 18 95 341	1 53 02 907
16	Small Value Assets	35 689	73 870	0	1 09 559	35 689	73870	0	1 09 559	0	0
	Total (A)	668 55 16 836	128565115	0	681 40 81 952	265 82 54 442	26 59 12 487	0	292 11 66 929	389 29 15 023	403 02 62 394
17	Capital Work in Progress (B)	74 22 89 670	36 69 03 581	1 57 01 974	109 34 91 277	0	0	0	0	1 09 34 91 277	74 22 89 670
SL.No.	Intangible Assets	Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Amortized Op Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization	31-03-2023	31-03-2021
18	Computer Software	15 84 62 061	1 00 99 206	0	16 85 61 267	14 83 11 762	1 10 78 358	0	15 93 90 120	91 71 147	1 01 50 299
19	E-Journals	5 24 64 957	1 51 728	0	5 26 16 685	5 05 39 424	1401002	0	5 19 40 426	6 76 259	19 25 333
20	Patents	64 05 601	11 42 564	0	75 48 165	20 46 391	8 38 686	0	28 85 077	46 63 088	43 59 210
21	SIEMENS IP	5 14 88 606	0	0	5 14 88 606	2 28 83 824	57 20 956	0	2 86 04 780	2 28 83 826	2 86 04 782
	Total (C)	26 88 21 223	1 13 93 498	0	28 02 14 723	22 37 81 401	1 90 39 002	0	24 28 20 403	8 73 94 320	4 50 39 824
	Grand Total (A+B+C)	769 66 27 731	30 68 62 194	1 57 01 974	818 77 87 952	287 90 35 843	28 49 51 489	0	316 39 87 532	502 38 00 620	481 75 91 888

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.

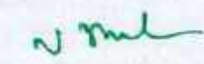
The figure in column 'Additions' during the year under Gross Block against Assets 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.


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 राष्ट्रीय प्रौद्योगिकी संस्थान / National Institute of Technology
 तिरुचिरापल्ली-620 094 / Tiruchirappalli - 620 015,
 तमिलनाडु / Tamilnadu


 Director
 NIT-Tiruchirappalli
 Director
 National Institute of Technology
 Tiruchirappalli-620 015
 Tamil Nadu, India

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 2022-23				Net Block		
		Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Dep Opening Balance	Depreciation for the year	Deductions/ Adjustment	Total Depreciation	31-03-2023	31-03-2022
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	18 010	3 602	0	21 612	50 418	54 020
8	Plant & Machinery	1 68 150	0	0	1 68 150	25 224	8 408	0	33 632	1 34 518	1 42 926
9	Scientific & Laboratory Equipments	9 79 71 295	0	0	9 79 71 295	3 28 67 358	78 37 704	0	4 07 05 062	5 72 66 233	6 51 03 937
10	Office Equipments	0	0	0	0	0	0	0	0	0	0
11	Audio Visual Equipments	95 559	0	0	95 559	35 835	7 167	0	43 002	52 557	59 724
12	Computers & Peripherals	4 41 991	0	0	4 41 991	4 00 254	88 398	0	4 88 652	- 46 661	41 737
13	Furniture, Fixtures & Fittings	1 88 000	0	0	1 88 000	84 600	14 100	0	98 700	89 300	1 03 400
14	Vehicles	45 660	0	0	45 660	22 830	4 566	0	27 396	18 264	22 830
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	3 34 54 111	79 63 945	0	4 14 18 056	5 75 64 629	6 55 28 574
17	Capital Work in Progress (B)	0	0	0	0	0	0	0	0	0	0
Sl.No.	Intangible Assets	Op Balance 01.04.2022	Additions	Deductions	Cl Balance 31-03-2023	Amort. Op Balance	Amorti. for the year	Deductions/ Adjustment	Total Amortization	31-03-2023	31-03-2022
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	87 26 71 384	79 63 945	0	88 06 35 329	5 75 64 629	6 55 28 574



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 NIT-Tiruchirappalli

Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

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

Sl. No.	Particulars	2022-23	2021-22
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	206 60 16 829	185 33 67 167
7	Others (to be specified)	0	0
	Total	206 60 16 829	185 33 67 167


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 Director
 NIT-Tiruchirappalli
 Director
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 Tiruchirappalli-620 015
 Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

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

		₹	₹
Sl.No.	Particulars	2022-23	2021-22
1	Corpus Fund Investments	197 81 57 642	176 84 45 125
2	Staff Development Fund Investments	2 88 69 221	2 71 54 547
3	Maintenance Fund Investments	12 06 288	11 68 956
4	Depreciation Fund Investments	12 06 288	11 68 956
5	Student Welfare Fund Investments	1 80 94 305	1 75 34 311
6	Research Park Fund (it was as ECC Fund in 2021-22)	1 83 81 788	1 78 03 976
7	AHC Fund Investments	52 00 000	52 00 000
8	Endowment Fund/80Batch Investments	1 49 01 297	1 48 91 297
Total		206 60 16 829	185 33 67 167

N. Shan

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Ashu

Director

NIT-Tiruchirappalli

- Director

National Institute of Technology

Tiruchirappalli-620 015

Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 6 : INVESTMENTS - OTHERS

Sl.No.	Particulars	₹	
		2022-23	2021-22
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

v. Shan
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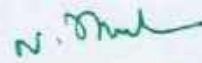
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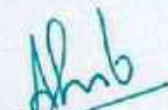
SCHEDULE 7 : CURRENT ASSETS

Particulars	₹	₹
	2022-23	2021-22
1. Stock		
a) Stores and Spares	0	0
b) Loose Tools	0	0
c) Publications	0	0
d) Laboratory chemicals, Consumables and glass ware	0	0
e) Building Material	0	0
f) Electrical Material	0	0
g) Stationery	0	0
h) Water supply Materials	0	0
2. Sundry Debtors		
a) Debts Outstanding for a period of exceeding six months	0	0
b) Others	10 91 92 419	2 96 59 506
3. Cash and bank Balances (including .Stamp on Hand)		
Stamp on Hand :	1 63 313	1 46 017
a) With Scheduled Banks:-		
- In Current Accounts	1 91 97 930	1 95 68 978
- In Term Deposit Accounts	253 83 53 861	200 80 06 522
- In Savings Accounts	36 87 57 020	38 93 10 505
b) With Non-Scheduled Banks:-		
- In Term Deposit Accounts	0	0
- In Savings Accounts	0	0
4. Post Office-Savings Accounts	0	0
Total	303 56 64 544	244 66 91 528



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SCHEDULE 7 : ANNEXURE A

Sl.No	Head of Account	Name of the Bank	A/C - No.	Institute	R&C	Amount as on 31-03-2023
I. Savings Bank Account						
1	PLAN Account	SBI, NITT	10023882957	15 81 98 185	0	15 81 98 185
2	NON PLAN Account	SBI, NITT	10023882946	5 11 45 939	0	5 11 45 939
3	CANARA Bank Account	Canara Bank, Thuvakudi	1285101036127	2 60 688	0	2 60 688
4	CORPUS and Other Funds Account	SBI, NITT	10023883097	48 60 058	0	48 60 058
5	SCHOLARSHIPS Account	SBI, NITT	10023883019	39 83 747	0	39 83 747
6	HP Account (Balance & Demand Remittance A/c)	SBI, NITT	30165680347	10 000	0	10 000
7	TEQIP Account	SBI, NITT	10023883009 (closed)	0	0	0
8	ECC Account	SBI, NITT	10023883064	0	3 52 94 812	3 52 94 812
9	ICSR Account	SBI, NITT	40853514994	0	70 98 186	70 98 186
10	Research & Development Funds	SBI, NITT	10023883042	0	4 73 07 264	4 73 07 264
11	Research Management Fund(1)	SBI, NITT	33076404999	0	1 00 01 961	1 00 01 961
12	Research Management Fund(2)	SBI, NITT	41736849805	0	24 09 147	24 09 147
13	SERB Account	SBI, NITT	39350593762	0	3 28 60 494	3 28 60 494
14	ISRO - STIC Account	SBI, NITT	39350695374	0	33 33 168	33 33 168
15	CSR Account	SBI, NITT	40853222118	0	5 71 665	5 71 665
16	SPARC Account	SBI, NITT	40853517112	0	31 88 741	31 88 741
17	DEFENCE Account	SBI, NITT	40853517837	0	81 81 293	81 81 293
18	DST Account	SBI, NITT	40853517485	0	2 621	2 621
19	UGC Account	SBI, NITT	40853516720	0	47 056	47 056
I. Savings Bank Account Total				21 84 60 617	15 02 96 403	36 87 57 020
II. Current Account						
1	Service Tax Account	SBI, NITT	34837295014	0	56 42 614	56 42 614
2	Conference Consultancy Account	SBI, NITT	38322028974	0	71 43 754	71 43 754
3	SERB Current Account	SBI, NITT	38861825683 (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	12 86 501	0	12 86 501
6	EIGHTY BATCH CHAIR FUND Account	SBI, NITT	36736417068	34 10 604	0	34 10 604
7	PG Fees Account	SBI, NITT	38127411828	3 12 905	0	3 12 905
8	Other Fees Account	SBI, NITT	38127412035	12 806	0	12 806
9	Canara Bank Escrow Principal Account	Canara Bank, Thuvakudi	3314201000215	3 65 540	0	3 65 540
10	Canara Bank Escrow Interest Account	Canara Bank, Thuvakudi	3314201000216	0	0	0
11	PFMS - TSA (RBI Assignment A/c)	RBI	10681401001	0	0	0
12	Canara Bank (FMRF A/c)	Canara Bank, Thuvakudi	110049370885	0	0	0
13	NITT NMIECT	ICICI	400401000533	0	0	0
14	AHC Account	SBI, NITT	37836124626	10 13 205	0	10 13 205
15	CSAB 2019 - 311 Account	SBI, NITT	3837109811 (closed)	0	0	0
16	CSAB 2019 - 220 Account	SBI, NITT	3837109820 (closed)	0	0	0
II. Current Account Total				64 11 562	1 27 86 368	1 91 97 930
III. Term Deposits with Schedule Banks						
#	IRG Deposits (in Plan a/c)	SBI, NITT	TDR	1 74 61 801	0	1 74 61 801
#	IRG Deposits (in HEFA a/c)	SBI, HEK	TDR	4 14 56 374	0	4 14 56 374
#	Canara Bank Escrow Principal Account	Canara Bank, Thuvakudi	TDR	19 76 31 987	0	19 76 31 987
#	IRG Deposits (in Non-Plan A/c including Rs.25000 BG)	SBI, NITT	TDR	161 56 97 300	0	161 56 97 300
#	PG Fees Account Deposits (TDR)	SBI, NITT	TDR	45 36 00 000	0	45 36 00 000
#	PG Fees Account Deposits (MOD)	SBI, NITT	MOD	4 55 14 639	0	4 55 14 639
#	R & C Funds	SBI, NITT	TDR	0	13 19 91 760	13 19 91 760
#	ECC Funds	SBI, NITT	TDR	0	3 50 00 000	3 50 00 000
#	CSAB 2019 Deposits	SBI, NITT	(closed)	0	0	0
Term Deposits with Schedule Banks Total				237 13 62 101	16 69 91 760	253 83 53 861
Grand Total				259 62 34 280	33 00 74 532	292 63 08 812


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 तमिलनाडु/Tamilnadu


 Director
 NIT-Tiruchirappalli
Director
National Institute of Technology
 Tiruchirappalli-620 015
 Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 8 : LOANS, ADVANCES & DEPOSITS

	₹	₹
Particulars	2022-23	2021-22
1. Advance to Employees (Non-Interest Bearing)		
a) Salary	0	0
b) Festival	4 050	7 200
c) LTC	0	1 11 750
d) Medical Advance	2 19 602	2 98 590
e) Other (to be specified)	0	0
2. Long Term Advance to Employees (Interest Bearing)		
a) Vehicles Loan	9 81 810	11 88 981
b) Home Loan	0	0
c) Other (to be specified) -Computer Loan	11 77 792	15 01 578
3. Advances and Other amount recoverable in Cash or in kind or for Value to be received:		
a) On Capital Account- Deposits with CPWD @	41 36 73 307	54 01 66 688
b) To Suppliers	7 32 009	9 47 090
c) Other (to be specified)-Contingency - Institute and R&C	17 55 546	9 69 391
4. Prepaid Expenses		
a) Insurance	27 29 649	27 36 074
b) Other Expenses	1 36 55 911	2 56 84 412
5. Deposits		
a) Telephone	1 03 079	1 03 079
b) Lease Rent	0	0
c) Electricity	88 17 949	69 51 939
d) AICTE, if applicable	0	0
f) Others (to be specified)	0	0
6. Income Accrued:		
a) On Investments from Earmarked/Endowment Funds	14 38 43 281	4 76 59 909
b) On Investment Others	6 00 85 344	3 68 28 405
c) On Loans and Advances	0	0
d) Others (includes income due unrealized) CSAB 2019 Investment	0	28 37 701
7. Other-Current Assets receivable from UGC/Sponsored Projects		
a) Debit Balances in Sponsored Projects	0	37 61 839
b) Debit Balances in Fellowship & Scholarship(QIP)	0	0
c) Grants Receivables	0	0
d) Other Receivables	35 66 290	1 14 30 166
8. Claims Receivables (IT TDS)	37 47 506	30 21 520
Total	65 50 93 125	68 62 06 312

@ 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.1,58,75,058/- vide letter No.24(1)/2022-23/295 dated 06-07-2022 CPWD has confirmed this balance as refundable to NITT.

v. Shankar
REGISTRAR
National Institute of Technology
Tiruchirappalli - 620 015.
Tamil Nadu

Shankar
Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

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

National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 9 : ACADEMIC RECEIPTS

	₹	₹
Particulars	2022-23	2021-22
Fees from Students		
Academic		
1. Tuition Fee (including share of corpus fund - Rs.7,75,00,000)	59 44 50 643	48 76 10 618
2. Admission Fee	47 11 200	46 52 000
3. Enrolment Fee / Convocation Fee	73 17 100	95 95 150
4. Library Admission Fee	2 28 10 901	2 17 20 950
5. Laboratory Fee / Computer Fee	2 13 28 269	2 36 57 012
6. Art & Craft Fee / Sports Fee	1 93 64 834	96 92 963
7. Registration Fee	30 86 210	29 48 147
8. Syllabus Fee/ MBA Fee	63 10 515	71 57 169
Total (A)	67 93 79 672	56 70 34 009
Examinations		
1. Admission Test Fee	0	0
2. Annual Examination Fee	1 34 64 050	1 25 01 969
3. Mark Sheet, Certificate Fee	0	8 000
4. Entrance Examination Fee	0	0
Total (B)	1 34 64 050	1 25 09 969
Other Fees		
1. Identity Card Fee	0	0
2. Fine / Miscellaneous Fee	66 45 917	64 31 150
3. Medical Fee	6 43 650	5 65 300
4. Transportation Fee/Bus Fare Collection	3 37 975	1 50 435
5. Hostel Fee	0	0
Total (C)	76 27 542	71 46 885
Sale of Publications		
1. Sale of Admission forms	13 90 150	17 57 401
2. Sale of Syllabus and Question Paper, etc.	0	0
3. Sale of Prospectus including Admission Forms	0	0
Total (D)	13 90 150	17 57 401
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.1.18,00,000)	2 39 36 515	2 25 72 000
Total (E)	2 39 36 515	2 25 72 000
Grand Total (A+B+C+D+E)	72 57 97 929	61 10 20 264

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

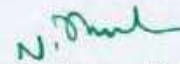
Particulars	CAPITAL			Total Capital	REVENUE	2022-23	2021-22
	Govt.of India MoE	UGC			Govt.of India MoE		
		Capital	Specific Schemes				
Balance B/F	0	0	0	0	0	0	10 25 18 124
Add : Receipts during the year:							
Total Grant Sanctioned during the year (a)	26 78 00 000	0	0	26 78 00 000	2 02 09 11 400	2 28 87 11 400	1 92 41 93 669
Less: Grant Lapsed during the year (b)	1 831	0	0	1 831	18 49 556	18 51 387	13 62 36 698
Net Grant Received (a-b)	26 77 98 169	0	0	26 77 98 169	2 01 90 61 844	2 28 68 60 013	1 78 79 56 971
Interest Income	0	0	0	0	0	0	0
Total	26 77 98 169	0	0	26 77 98 169	2 01 90 61 844	2 28 68 60 013	1 89 04 75 095
Less : Surplus IRG 2018-19 transfer to Capital Fund	0	0	0	0	0	0	0
Balance	26 77 98 169	0	0	26 77 98 169	201 90 61 844	228 68 60 013	189 04 75 095
Less : Utilised for Capital Expenditure (A)	21 40 04 216	0	0	21 40 04 216	0	21 40 04 216	13 23 21 308
Balance	5 37 93 953	0	0	5 37 93 953	201 90 61 844	207 28 55 797	175 81 53 787
Less : Utilised for Revenue Expenditure (B)	0	0	0	0	201 90 61 844	201 90 61 844	175 81 53 787
Balance C/F (C)	5 37 93 953	0	0	5 37 93 953	0	0	0

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.


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Director
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National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 11 : INCOME FROM INVESTMENTS

Particulars	Earmarked / Endowment Funds		Other investments	
	2022-23	2021-22	2022-23	2021-22
1) Interest				
a) On Government Securities	0	0	0	0
b) Other Bonds/Debentures	0	0	0	0
2) Interest on Term Deposits	99 05 622	4 18 88 617	10 28 43 929	6 96 50 006
3) Income accrued but not due on Term Deposits/Interest bearing advance to employee	9 61 83 372	4 76 59 909	0	0
4) Interest on Savings Bank Accounts	1 13 664	2 54 213	0	0
5) Others (Specify)	0	0	0	0
Total	10 62 02 658	8 98 02 739	10 28 43 929	6 96 50 006
Transferred to Earmarked / Endowment Funds	10 62 02 658	8 98 02 739	0	0
Balance	0	0	0	0

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g.h.b

Director

Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015

SCHEDULE 12 : INTEREST EARNED

Particulars	₹	
	2022-23	2021-22
1) On Savings Accounts with Scheduled Banks	29 09 173	72 19 720
2) On Loans		
a) Employee/Staff	2 60 363	5 09 526
b) Others	0	0
3) On Debtors, EB (SD) and Other Receivables	4 49 219	5 92 634
Total	36 18 755	83 21 880

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Director

NIT-Tiruchirappalli

Director
National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 13 : OTHER INCOME

	₹	₹
Particulars	2022-23	2021-22
A. Income from Land & Building:		
1. Hostel Room Rent	8 82 15 201	3 26 21 821
2. License Fee Qtrs	57 53 450	56 27 545
3. Hire Charges of Auditorium/Play Ground/Convention Centre, Commercial Complex	1 12 18 230	41 77 421
4. Electricity charge recovered	6 71 79 417	2 75 52 410
5. Water charges recovered	31 97 402	20 68 512
Total (A)	17 55 63 700	7 20 47 709
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 Function/Sports Carnival	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	50 35 874	15 92 492
a) Honorarium to staff	0	0
2. RTI Fees	270	270
3. Income from Royalty	0	0
4. Sale of Application Form (Recruitment)	17 83 443	21 40 165
5. Misc. Receipts (Sale of Tender Form, Waste Paper etc.)	62 01 618	35 13 549
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	1 95 43 054	90 45 250
b) QIP Fellowship from AICTE	0	0
Total (D)	3 25 64 259	1 62 91 725
Grand Total (A+B+C+D)	20 81 27 959	8 83 39 434

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Tamil Nadu, India

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SCHEDULE 14 : PRIOR PERIOD INCOME

Particulars	₹	₹
	2022-23	2021-22
1. Academic Receipts	0	0
2. Income from Investments	0	0
3. Intrest earned	0	0
4. Other Income	39 97 033	74 00 000
Total	39 97 033	74 00 000

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SCHEDULE 15 : STAFF PAYMENTS & BENEFITS (Establishment Expenses)

Particulars	₹	
	2022-23	2021-22
a) Salaries and Wages	100 22 42 960	90 06 44 660
b) Allowances and Bonus	1 40 83 479	1 52 58 020
c) Contribution to Provident Fund/EPF	25 67 234	3 32 18 502
d) Contribution to Other Fund (NPS)	7 74 84 514	6 49 97 242
e) Staff Welfare Expenses	1 32 525	2 55 220
f) Retirement and Terminal Benefits @	14 74 98 933	592 32 04 128
g) LTC Facility	37 89 467	4 83 726
h) Medical Facility	3 20 21 020	2 43 69 147
i) Children Education Allowance	85 27 000	83 96 000
j) Honorarium	17 97 010	47 38 324
k) Others (Specify) Outsources exp.	13 36 06 099	13 32 48 393
Total	142 37 50 241	710 88 13 362

SCHEDULE 15A : Employees Retirement and Terminal Benefits

Particulars	₹			
	2022-23			
	Pension	Gratuity	Leave Encashment	Total
Opening Balance as on 1st April	467 03 13 242	35 32 09 795	65 41 03 313	567 76 26 350
Addition: Capitalized value of Contributions received from other organizations	23 65 980	0	11 54 868	35 20 848
Total (a)	467 26 79 222	35 32 09 795	65 52 58 181	568 11 47 198
Less : Actual Payment during the year (b)	20 60 50 124	2 02 32 642	1 68 17 135	24 30 99 901
Balance available on 31st March (c) (a-b) @	446 66 29 098	33 29 77 153	63 84 41 046	543 80 47 297
Provision required on 31st March as per valuation (d)	453 72 64 418	36 33 79 796	68 38 35 475	558 44 79 689
A. Provision to be made in the Current year (d-c)	7 06 35 320	3 04 02 643	4 53 94 429	14 64 32 392
B. Contribution to New Pension Scheme				7 74 84 514
C. Medical Reimbursement to Retired Employees				10 58 853
D. Travel to Hometown on Retirement				7 688
E. Provision				
Total (A+B+C+D+E)	7 06 35 320	3 04 02 643	4 53 94 429	22 49 83 447

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 31.03.2023 the Provision for liability towards Retirement Benefit as per Actuarial Valuation is Rs.558.44 Crore. Accordingly the provision is revised as Rs.558.44 Crores in 2022-23.



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SCHEDULE 16 : ACADEMIC EXPENSES

	₹	₹
Particulars	2022-23	2021-22
a) Laboratory Expenses /DOC	75 18 775	40 50 735
b) Field Work / Participation	0	0
c) Seminar / Workshop	10 274	6 002
d) Payment to Visiting Faculty (including Examination related)	1 43 93 507	1 69 21 562
e) Examination	0	0
f) Student Welfare Expenses	2 08 70 899	99 21 728
g) Admission Expenses	14 90 317	1 95 688
h) Convocation Expenses	50 97 201	25 98 621
i) Publications	0	0
j) Stipend / Means-cum-Merit Scholarship	29 02 65 334	32 74 32 614
k) Subscription Expenses E-Journals	4 42 76 471	4 52 11 027
l) Others (Specify)		
a) Siemens COE Research Expenses		
b) Sports & Games, NCC/NSS, etc	47 43 328	2 18 815
Total	38 86 66 106	40 65 56 792


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 NIT-Tiruchirappalli
 National Institute of Technology
 Tiruchirappalli-620 015
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National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 17 : ADMINISTRATIVE AND GENERAL EXPENSES

Particulars	₹	
	2022-23	2021-22
A Infrastructure		
a) Electricity and Power	9 66 58 153	5 21 93 926
b) Water Charges	1 89 10 980	1 70 26 840
c) Insurance	30 03 242	29 41 591
d) Rent, Rates and Taxes (including Property Tax)	21 39 649	25 19 904
B Communication		
e) Postage & Telegram	3 32 704	2 87 608
f) Telephone Fax and Internet Charges	39 41 428	44 03 325
C Others		
g) Printing and Stationary	23 35 642	12 14 976
h) Travelling and Conveyance Expenses	9 29 249	2 46 935
i) Hospitality	22 46 914	12 48 438
j) Auditors Remuneration	1 83 860	
k) Professional Charges	35 72 263	23 38 846
l) Advertisement and Publicity	2 40 661	11 23 690
m) Magazines & Journals	3 58 345	1 63 646
n) Others (Specify)		
Board/FC Meeting, Recruitment Expenses etc	31 45 672	10 18 610
Other Exp (Membership fee and other Misc.Exp)	48 23 859	32 16 886
Total	14 28 22 621	8 99 45 221

National Institute of Technology, Tiruchirappalli-620 015
SCHEDULE 18 : TRANSPORTATION EXPENSES

Particulars	₹	
	2022-23	2021-22
1. Vehicles (Owned by Institution)		
a) Running Expenses	11 79 009	9 72 454
b) Repairs & Maintenance	7 42 452	5 61 333
c) Insurance Expenses	0	0
2. Vehicles taken on Rent / Lease		
a) Rent / Lease Expenses	10 46 786	9 91 393
3. Vehicle(Taxi) hiring Expenses	0	0
Total	29 68 247	25 25 180


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SCHEDULE 19 : REPAIRS & MAINTENANCE

	₹	₹
Particulars	2022-23	2021-22
a) Buildings	1 09 83 125	1 03 97 994
b) Furniture & Fixtures	4 10 716	2 17 141
c) Plant & Machinery	0	0
d) Office Equipments	3 18 474	4 54 244
e) Computers	70 59 076	1 03 41 125
f) Laboratory & Scientific equipment	46 51 307	49 24 787
g) Audio Visual equipment	28 684	14 073
h) Cleaning Material & Services	0	0
i) Book Binding Charges	0	0
j) Gardening	1 21 37 298	1 06 92 153
k) Estate Maintenance	2 74 52 217	2 39 79 567
l) Others (Specify)	0	0
AMC	3 86 17 312	2 40 22 546
Total	10 16 58 209	8 50 43 630



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SCHEDULE 20 : FINANCE COSTS

Particulars	₹	
	2022-23	2021-22
a) Bank Charges	3 49 780	5 73 723
b) Others:		
i) HEFA Loan Interest	1 84 68 667	1 55 52 413
iii) Interest on Unutilised Project Grant (TAT/MODROB Projects)	0	18 40 896
iii) Interest on Unutilised Grant-in-Aid (paid to MoE)	0	22 81 497
Total	1 88 18 447	2 02 48 529


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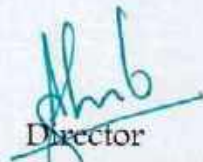
SCHEDULE 21 : OTHER EXPENSES

	₹	₹
Particulars	2022-23	2021-22
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



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SCHEDULE 22 : PRIOR PERIOD EXPENSES

Particulars	₹	
	2022-23	2021-22
1. Establishment Expenses	0	0
2. Academic Expenses	0	0
3. Administrative Expenses	5 80 571	0
4. Transportation Expenses	0	0
5. Repairs & Maintenance	10 29 701	3 05 232
6. Other Expenses (GST Payment)	0	0
Total	16 10 272	3 05 232


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**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 ₹1.57 Crores added to Fixed assets and the depreciation provided from the year of completion of work.
- 3.4 The depreciation amounts to ₹29,33,75,395/- for the Year 2022-23, of which ₹28,64,81,747/- is exhibited under Income and Expenditure Account and ₹68,93,648/- charged to the SIEMENS Asset Donated in Capital Fund 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 2023, for Retirement Benefits were ascertained by Actuary. The details are as follows:

Particulars	Current ₹	Non-Current ₹	Total ₹
Gratuity	1,97,79,703	34,36,00,093	36,33,79,796
Leave Encashment	4,92,71,185	63,45,64,290	68,38,35,475
Pension	6,21,23,947	447,51,40,471	453,72,64,418
Total	13,11,74,835	545,33,04,854	558,44,79,689

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) 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.



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Director

NIT-Tiruchirappalli

Director

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SCHEDULE: 24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

A. CONTINGENT LIABILITY

- A) The details of the pending Court cases as on 31st March, 2023 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	2
Non-Teaching Staff	3
Others	36
Total	41

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 2022-23 is ₹ 24.04 crore (Grant: 17.80 Cr, HEFA: 5.60 Cr, IRG: 0.64 Cr) The completed deposit works to the value of ₹ 1.57 Crores is added to the Fixed Assets in 2022-23. As on 31.03.2023, the total work-in-progress is Rs.109.35 Crore and the balance deposit available with CPWD is Rs.41.37 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 ₹ 13.99 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 2022-23

The details of such Assets are:

Assets	Original cost as on 1.4.2022	Additions during year 2022-23	Deduction/ Capitalized	Total	Notional Depreciation Opening Balance	Notional Depreciation for the year 2022-23	Deduction/ Acc. Depreciation	Total Notional Depreciation	Total Book value as on 31.3.2023
	₹	₹	₹	₹	₹	₹	₹	₹	₹
Equipment & Tools	14,28,77,829	2,08,90,194	0.00	16,37,68,023	3,99,34,818	1,31,01,441	0.00	5,30,36,259	11,07,31,764
Computers & Peripherals	1,14,61,932	98,93,108	0.00	2,13,55,040	82,73,705	38,25,976	0.00	1,20,99,681	92,55,359
Computer Software	33,41,188	0.00	0.00	33,41,188	31,97,188	1,44,000	0.00	33,41,188	0.00
Audio Visual Equipment	0.00	22,47,056	0.00	22,47,056	0.00	1,68,529	0.00	1,68,529	20,78,527
Electrical Installation and Equipment	0.00	70,52,531	0.00	70,52,531	0.00	3,52,627	0.00	3,52,627	66,99,904
Furniture & fittings	0.00	24,800	0.00	24,800	0.00	1,860	0.00	1,860	22,940
Office Equipment	0.00	17,250	0.00	17,250	0.00	1,294	0.00	1,294	15,956
Plant & Machinery	0.00	2,07,000	0.00	2,07,000	0.00	10,350	0.00	10,350	1,96,650
Total	15,76,80,949	4,03,31,939	0.00	19,80,12,888	5,14,05,711	1,76,06,077	0.00	6,90,11,788	12,90,01,100

2.5 **SIEMEN'S - 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, and ₹21.37 crores for phase II 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 2023 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 2022-23 have been attached, to the Institutions' Accounts.



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तमिलनाडु/Tamilnadu



Director

NIT-Tiruchirappalli

Director

National Institute of Technology
Tiruchirappalli-620 015
Tamil Nadu, India

RECEIPTS AND PAYMENT ACCOUNT

National Institute of Technology, Tiruchirappalli-620 015
Receipts and Payments Accounts for the Period/Year Ended on 31-03-2023

Receipts	2022-23	Payments	2022-23
I. Opening Balance		I. Expenses	
a) Cash Balance		a) Establishment Expenses	137 09 38 471
b) Bank Balance:		b) Academic Expenses	34 19 88 028
i. In current accounts	1 38 78 518	c) Administrative Expenses	12 70 84 157
ii. Savings accounts	38 92 25 088	d) Transportation Expenses	23 36 376
iii. In Deposit accounts	0	e) Repairs & Maintenance	7 73 89 710
II. Grants Received	0	f) Prior Period Expenses	
a) From Govt of India	228 68 60 013	g) Finance cost	1 79 61 180
Grant receivable received		II. Payments Against Earmarked/Endowment Funds	28 50 730
b) From State Government	0	III. Payments Againsts Sponsors Projects/Schemes :	18 73 66 740
c) From other Sources	0	(Fixed Assets(R & C): Rs.4,03,31,939/-)	
III. Academic Receipts	62 91 10 016	IV. Payment against Sponsored Fellowships/Scholarships	3 00 25 120
IV. Receipts Against Earmarked/Endowment Funds	20 75 82 948	V. Investments and Deposits made	
V. Receipts Againsts Sponsors Projects/Schemes	16 46 32 115	a) Out of Earmarked/Endowments Funds	23 93 11 605
		b) Out of own funds (others)	1 00 00 000
VI. Receipts against Sponsored Fellowships/Scholarships	2 92 45 682	VI. Term Deposits with Scheduled Banks	287 84 65 497
VII. Income Investments From		VII. Expenditure on fixed Assets and capital works-in Progress:	11 32 43 764
a) Earmarked/Endowment funds	97 68 637	a) Fixed Assets	
b) Other Investments	7 67 76 932	b) Capital Works-in Progress	24 04 10 200
VIII. Interest Received on		VIII. Other Payments including statutory payments	7 29 70 000
a) Bank Deposits/EB Deposit		IX. Refunds of Grants	0
b) Loans and Advances	2 60 363		
c) Savings Bank Accounts	48 11 581	X. Deposits and Advances	68 18 27 136
IX. Investments encashed	2 66 61 943	XI. Other Payments.- Sundry Creditors	22 97 46 219
X. Term Deposits with Scheduled Banks encashed	226 99 65 748	XII. Closing Balances	
XI. Other Income (inc. Prior period income)	13 92 90 693	a) Cash in hand	
XII. Deposits and advances	68 04 19 318	b) Bank Balance:	
XIII. Miscellaneous Receipts including Sundry Debtors	1 63 43 142	in Current Accounts	1 37 99 574
XIV. Any Other Receipts		in Savings Accounts	36 87 57 020
From HEFA Loan/CPWD refund	6 35 16 298	in Deposit Accounts	53 98 356
Others	35 20 848		
Total	701 18 69 883	Total	701 18 69 883

GPF AND NPS ACCOUNTS

National Institute of Technology, Tiruchirappalli-620 015
Provident Fund Account Balance Sheet as at March 31, 2023

Liabilities	2022-23	2021-22	Assets	2022-23	2021-22
GPF					
Opening Balance	24 03 96 703	23 72 87 156	Investment	25 22 65 992	25 07 79 221
Less: Subscription for March 2022	37 95 141	38 72 265	Int. accrued as on 31-03-2023	54 74 360	57 52 381
Add: Subscriptions in the year	4 87 46 373	4 68 92 575	Subscription Due in the Year	0	0
Add: Subscription March 2023 (Receipt)	40 000	50 000	Subscription Due for March, 2023	0	0
Add: Subscriptions for March 2023	39 72 016	38 45 141	GPF	40 12 016	38 45 141
Add: Interest Credited	1 61 13 744	1 60 31 012	CPF	0	0
Less: Advance / Withdrawal	6 46 78 204	5 98 36 916	UC due to CPF	0	0
Closing Balance	24 07 95 491	24 03 96 703	NPS-II	0	0
CPF			Tax Recovered from interest on investments	0	0
Opening Balance	0	0	Pending refund from income Tax Department	0	0
Less: Subscription for March 2020	0	0	Cash at Bank		
Add: Subscriptions in the year	0	0	SBI, Branch-1	13 33 938	44 92 196
Add: Subscriptions for March 2021	0	0	Other Bank	0	0
Add: Interest Credited	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 44 72 236	2 73 49 362			
Add: Excess of income over Expenditure	- 21 81 421	- 28 77 126			
Closing Balance	2 22 90 815	2 44 72 236			
Total	26 30 86 306	26 48 68 939	Total	26 30 86 306	26 48 68 939

National Institute of Technology, Tiruchirappalli-620 015

Provident Fund Account Income and Expenditure Account for the year ended on March 31, 2023

Expenditure			Income	₹	
	2022-23	2021-22		2022-23	2021-22
Interest Credited to:			Interest earned on Investment	1 42 10 344	1 32 53 107
GPF Account	1 61 13 744	1 60 31 012	Add: Interest Accrued on March23	54 74 360	57 52 381
CPF Account	0	0	Add: Tax recovered on interest- Refund to be obtained	0	0
University Contribution(CPF)	0	0	Less: Interest accrued for March22	57 52 381	58 51 602
NPS Tier-II Account	0	0	Excess of Expenditure over Income	21 81 421	28 77 126
Excess of Income over Expenditure	0	0			
Total	1 61 13 744	1 60 31 012	Total	1 61 13 744	1 60 31 012



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National Institute of Technology, Tiruchirappalli- 620015

Provident Fund Account Receipts and Payments Accounts for the Financial Year 2022-23

	₹		₹		₹
Receipts	2022-23	2021-22	Payments	2022-23	2021-22
Opening Balance as on 1st March			GPF Adv./Withdrawal	6 46 78 204	5 98 36 916
SBI, Branch - I	44 92 196	55 83 517	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 87 56 373	4 68 92 575	Investment during the year	25 76 46 769	24 98 71 039
GPF Subscription (Mar 2023 Dr. G.Kannabiran)	40 000	50 000			
CPF Subscription	0	0			
CPF University Contribution	0	0			
NPS Tier-II Account	0	0	Closing Balance as on 31-03-2023		
Investment Encashed	25 61 59 998	24 84 20 952	SBI, Branch-I	13 33 938	44 92 196
Interest Received	1 42 10 344	1 32 53 107	Bank	0	0
Total	32 36 58 911	31 42 00 151	Total	32 36 58 911	31 42 00 151



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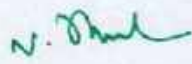
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NPS Tier-I Account Balance Sheet as at March 31, 2023

	₹	₹		₹	₹
Liabilities	2022-23	2021-22	Assets	2022-23	2021-22
NPS Tier-I Account			NPS Tier-I Account		
Opening Balance	1 26 77 429	43 07 042	Subscription due for 31-03-23	48 75 037	41 37 980
Less: Subscription for March 23	41 37 980	33 03 839			
Add: Subscriptions & Contribution	13 05 45 626	11 44 38 049	Investment	0	0
Add: Interest Credited	0	0	Interest Accrued but not due	0	0
Less: Transferred to NSDL	13 14 57 999	10 69 01 803	Balance at Bank	97 47 655	1 05 23 395
Add: Subscription UC for 31-03-23	48 75 037	41 37 980			
Closing Balance	1 25 02 113	1 26 77 429			
Excess of income over Expenditure:-					
Balance As on 01-04-2022	19 83 946	18 57 297			
Add: During the Year	1 36 633	1 26 649			
Less: Excess of Expenditure over Income	0	0			
Closing Balance	21 20 579	19 83 946			
Total	1 46 22 692	1 46 61 375	Total	1 46 22 692	1 46 61 375


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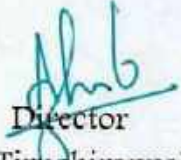
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NPS Tier- I Account Income and Expenditure Account for the Financial year 2022-23

	₹	₹		₹	₹
Expenditure	2022-23	2021-22	Income	2022-23	2021-22
Interest Credited to:					
Subscribers' Accounts	0	0	Interest earned on Investment/Savings Bank	1 33 633	1 26 649
Bank Charges	0	0	Less: Interest accrued for 31-03-23	0	0
			Interest accrued but not due	0	0
Excess of Income over Expenditure	1 33 633	1 26 649	Excess of Expenditure over Income	0	0
Total	1 33 633	1 26 649	Total	1 33 633	1 26 649



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National Institute of Technology, Tiruchirappalli-620 015
NPS Tier- I Account Receipts and Payments Accounts for the Financial Year 2022-23

	₹	₹		₹	₹
Receipts	2022-23	2021-22	Payments	2022-23	2021-22
Opening Balance as on 1st April			Investment	0	0
NPS Tier - I Account	1 05 23 395	28 60 500	Withdrawal/Refund to NSDL	13 14 57 999	10 69 01 803
Own Subscription	5 41 85 797	4 51 18 570			
University Contribution	7 63 59 829	6 93 19 479			
Interest Received on Investment	0	0			
Interest on Savings bank Account	1 36 633	1 26 649			
Investment Encashed	0	0	Closing Balance as on 31st March	97 47 655	1 05 23 395
Total	14 12 05 654	11 74 25 198	Total	14 12 05 654	11 74 25 198

N. Anand

NIT-Tiruchirappalli

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J. Sub

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