இந்திய தகவல் தொழில்நுட்பக்கழகம், திருச்சிராப்பள்ளி

भारतीय सूचना प्रौद्योगिकी संस्थान, तिरुचिरापल्ली

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY TIRUCHIRAPPALLI

(An Institute of National Importance under MoE, Govt. of India) SETHURAPATTI, TRICHY-MADURAI HIGHWAY, TIRUCHIRAPPALLI -620012

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Indian Institute of Information Technology Tiruchirappalli

Annual Report 2022-23

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LIST OF EVENTS

Name of the Event	Scheduled on
Live Streaming – PARIKSHA PE CHARCHA	1 April 2022 & 27 Jan 2023
ATRANG '22	2 to 3 April 2022
Institute Day and Farewell Function	7 April 2022
Observation of Cyber Jaagrookta Diwas	April to May 2022
Observation of Swachh Harit Bharat Green Pledge	11 May 2022
Eighth International Yoga Day Celebration	21 June 2022
Nashe Se Azadi Pakhwada	12 to 26 June 2022
Guru Purnima Celebration	13 July 2022
Har Ghar Tiranga – Hoist Flag at Your House	13 to 15 August 2022
Independence Day	15 August 2022
Observation of Swachhta Pakhwada Pledge	1-15 September 2022
Hindi Pakhwada Celebrations	14 September 2022
Robotics Club - Robotics Seminar-cum-Demonstration	22 September 2022
AAHLADH '22	14 to 16 October 2022
Unity Run on National Unity Day	31 October 2022
First-Year Orientation Program	09-11 November 2022
Sensitization Workshop	25 November 2022
Third e-Calendar of the Institute	December 2022
National Girl Child Day Celebration	24 January 2023
Republic Day	26 January 2023
Competitions and Other Events (Club Activities)	April 2022 - March 2023

1.1 PRELUDE

ndian Institute of Information Technology Tiruchirappalli (IIITT) is one among the 20 IIITs proposed under the nonprofit Public-Private-Partnership (PPP) Mode by Ministry of Education (MoE), Government of India. IIITT is an Institute of National Importance and Autonomous Academic Institute funded by Government of India, Government of Tamil Nadu, and Industry Partners. Industry Partners of IIITT includes Electronics Corporation of Tamil Nadu Limited (ELCOT), Chennai, Tata Consultancy Services (TCS), Thiruvananthapuram, Cognizant Technology Solutions (India) Private Limited, Chennai, Infosys Limited, Bangalore, Ramco Systems Limited, Chennai, and Navitas (Take Solutions), Chennai. The initial outlay of the project is Rupees 128 Crore out of which 50%, 35%, and 15% of share will be borne by the three Stakeholders - the Central Government, the State Government (Tamil Nadu), and the Industry Partners, respectively.



1.2 INSTITUTE'S VISION

IIITT aims to achieve "World Class Excellence in Information and Communication Technology" through the quality outcome based education system.





MISSION

IIITT envisions

- To impart Information Technology education to students and future leaders.
- To establish Centers of Excellence in Information Technology.
- To engage in cutting edge technology research to meet the current needs and future challenges of India and the world at large.

1.3 DIRECTOR'S REPORT

Indian Institute of Information Technology Tiruchirappalli (IIITT) functions in its 10th year, which is the financial year 2022-23. The Institute initially functioned in the premises of Bharathidasan Institute of Technology, under the control of Anna University, Chennai, Government of Tamilnadu while Bharathidasan Institute of Technology as the Mentor Institute. During 2014-15, the Institute was brought under the control of MoE (earlier known as MHRD), Government of India. At the same time, Mentoring Institute was also changed to NIT

Truchirappalli. From the academic year 2019-20, IIITT started functioning with a founder Director and regular faculty members. Later, the Institute was shifted from the transit campus in the premises of NITT to another transit campus in Oxford Engineering College, Pirattiyur, Trichy. Currently, the Institute functions in it's permanent campus. Indian Institute of Information Technology Tiruchirappalli is governed by the IIIT (PPP mode) Act passed by the Parliament, Act. No.74 of 2017, and is notified in the Gazette. The IIIT Act endows the Institutes with the power to issue Degrees by themselves. The Chairperson and the Director of the Institute are to be appointed by MoE, Government of India. Currently, MoE approved the transit board with the Chief Secretary of the state as ex-officio chairperson. Other statutory bodies, such as Finance Committee, Senate and Building and Works Committee were formed and were approved by the BoG. So far, the Institute conducted thirteen BoG meetings along with six Finance Committee meetings and five Building and Works Committee meetings.

IIIT Tiruchirappalli profoundly caters to the demands of the rapidly changing industry and society through advancements in the curriculum and quality education in Computer Science and Engineering, and Electronics and Communication Engineering to shape the students. The Institute also launched programs that strengthen basic engineering skills and sharpen their ability to be resourceful and industrious through abundant opportunities during academic training and co-curricular activities.

The Institute celebrated the fourth convocation with pomp and show in offline mode for the first time in the permanent campus. The Institute conferred undergraduate degrees to 55 students from two different branches of B.Tech.

Out of these 55 graduands, 27 are from Computer Science and Engineering and 28 are from Electronics and Communication Engineering. Apart from this, three Gold Medals - one for overall commendable performance and two other for meritorious graduates in each of their department were conferred.

IIIT Tiruchirappalli offers B. Tech courses in two different streams i.e. Computer Science and Engineering & Electronics and Communication Engineering, Ph.D in various Departments of Engineering, Science and Humanities. The Institute also admits students for M.Tech programs in VLSI Systems and Computer Science and Engineering. Moreover, IIIT Tiruchirappalli is first among all HEIs with the approval of the BoG to earmark for girl students from the academic year 2022-2023 with 25 seats each for CSE and ECE. Currently, the Institute admitted 350 students. The Institute also illustriously conducted and motivated the students to participate in several educational, technical and cultural events and functions with enthusiasm. Further, the Institute recruited another eight new faculty members in tenure track to provide essential exposure to the students during class hours and laboratory sessions.

As a nascent Institute, IIITT visualizes to strengthen the curriculum on a par with the industrial advancements and demands to progress as the best place to nurture the intellectual, physical and emotional capabilities of the students. IIIT Tiruchirappalli would achieve the objectives mentioned in the Gazette by satisfying its Vision and Mission. The Institute envisages reaching greater heights with the constant support of all the stakeholders, faculty members and the student community.

1.4 STATUTORY BODIES

1.4.1 BOARD OF GOVERNORS

Sl. No.	Name	Designation	BoG
1.	Chief Secretary, Govt. of Tamilnadu, Chennai.	Chief Secretary to Govt. of Tamil Nadu & Chairperson, Board of Governors, IIIT Tiruchirappalli	Chairperson
2.	Ms. Saumya Gupta	Joint Secretary (TE) & Bureau Head, Department of Higher Education, Shastri Bhawan, MoE, Government of India, New Delhi	Member
3.	Shri. Sanjog Kapoor, I.R.S	Joint Secretary & Financial Advisor, 120 C, Shastri Bhawan, MoE, Government of India, New Delhi	Member
4.	Shri. Priyank Chaturvedi, IRS	Deputy Secretary, Department of Higher Education, MoE, Government of India, New Delhi	Member
5.	Dr. D. Karthikeyan, I.A.S	Principal Secretary to Government, Higher Education Department, TamilNadu	Member
6.	Prof. N.V.S.N. Sarma	Director, IIIT Tiruchirappalli	Member
7.	Dr. G. Aghila	Director, NIT Tiruchirappalli	Member
8.	Dr. R. Velraj	Vice Chancellor, Anna University, Chennai	Member
9.	Ms. N. S. Shobana	Chief Financial Officer, TAKE Solutions, Chennai	Member
10.	Smt. Maya Sreekumar	Group Chief Executive (Tech. & Operations), Cognizant Technology Solutions India (P) Ltd, Chennai	Member

Sl. No.	Name	Designation	BoG
11.	Shri. Srikantan Moorthy	Executive Vice President, Head Global Services – Application Development and Maintenance Infosys Ltd, Electronic City, Hosur Road, Bengalaru	Member
12.	Dr. Venkatesh Sarangan	Chief Scientist, TCS Research, Chennai	Member
13.	Shri. P.R. Venketrama Raja	Vice Chairman & Managing Director, Ramco Systems Limited, 64, Sardar Patel Road, Tharamani, Chennai	Member
14.	Thiru. A. John Louis, I.A.S	Managing Director, Electronics Corporation of Tamil Nadu Ltd., 692 M.H.U Complex – II Floor, Anna Salai, Nandanam, Chennai	Member
15.	Smt. R. Lalitha, I.A.S	Director of Technical Education Directorate of Technical Education, Chennai	Member Secretary

1.4.2 SENATE MEMBERS

Sl. No.	Name	Designation	Senate
1	Prof. N.V.S.N. Sarma	Director, IIIT Tiruchirappalli	Chairman
2	Head, CSE	Head, Dept. of CSE, NIT Tiruchirappalli	Member
3	Head, ECE	Head, Dept. of ECE, NIT Tiruchirappalli	Member
4	Head, HSS	Head, Dept. of Humanities and Social Sciences, NIT Tiruchirappalli	Member
5	Head, Mathematics	Head, Dept. of Mathematics, NIT Tiruchirappalli	Member
6	Head, Physics	Head, Dept. of Physics, NIT Tiruchirappalli	Member
7	Head, Chemistry	Head, Dept. of Chemistry, NIT Tiruchirappalli	Member
8	Dr. M. S. Bhat	Professor of ECE -NIT Suratkal,	Member
9	Dr. O. Uma Maheswari	Professor, ECE, Anna University	Member
10	Dr. D. Janakiram	Professor, CSE, IITM, Chennai	Member
11	Dr. Devendra Jalihal	Professor of EE, IITM, Chennai	Member
12	Director	IIITDM Kancheepuram	Member
13	Dr. Leela Velusamy	Professor, Dept. of CSE, NIT Tiruchirappalli	Member
14	Dr. D. Sriramkumar	Professor, Dept. of ECE, NIT Tiruchirappalli	Member
15	Shri. Vasu Uppli	Business Head, TCS	Member
16	Shri. Sureshkumar Selvaraj	Vice President, Cognizant Technology Solutions, Chennai	Member
17	Ms. Shyamala Jayaraman	Senior Vice President, Ramco Systems, Chennai	Member
18	Dr. R. Dhanalakshmi	Head, Dept. of CSE, IIIT Tiruchirappalli	Internal Member
19	Dr. K. Kamakshi	Head, Dept. of S&H, IIIT Tiruchirappalli	Internal Member
20	Dr. Velmurugan. C	Head, Dept of Mechanical Engg., IIIT Tiruchirappalli	Internal Member
21	Prof. G. Seetharaman	Registrar (i/c)& Head, Dept of ECE, IIIT Tiruchirappalli	Secretary (Ex-Officio)

1.4.3 FINANCE COMMITTEE MEMBERS

Sl. No.	Name	Senate
1	Dr.V. Iraianbu, I.A.S Chief Secretary to Government, Government of Tamil Nadu, Secretariat, Chennai	Chairperson
2	Smt. Darshana M Dabral, I.A.S, Joint Secretary & Financial Advisor MoE, Government of India, New Delhi	Member
3	Dr. D. Karthikeyan, I.A.S, Principal Secretary to Government, Higher Education Department, Government of Tamil Nadu, Secretariat, Chennai	Member (Ex-Officio)
4	Prof. N.V.S.N.Sarma, Director, IIIT Tiruchirappalli	Member
5	Shri. G. S. Lakshmi Narayanan, Senior General Manager, Finance, Tata Consultancy Services, Mumbai	Member
6	Prof.G. Seetharaman, Registrar (i/c), IIIT Tiruchirappalli	Secretary (Ex-Officio)

During the year 2022-23 (01-04-2022 to 31-03-2023), one Finance Committee meeting was conducted.

1.4.4 BUILDING AND WORKS COMMITTEE

SI. No.	Name of the Officials	Senate
1	Prof. N.V.S.N. Sarma, Director, IIIT Tiruchirappalli	Chairperson
2	Dr. D. Karthikeyan, I.A.S Principal Secretary, Department of Higher Educa Government of Tamil Nadu, Chennai.	Member ation,
3	Dr. N.V. Ramana Rao Director, NIT Warangal.	Member (Ex-Officio)
4	Dr. K. Baskar Professor & Head, Dept. of Civil Engg., NIT Tiruchirappalli Representing MoE, Govt. of India, New Delhi	Member
5	Dr. K. Rama Murthy, Professor, Dept. of Civil Engg., IIT Madras, Chennai.	Member
6	Shri. Ravi Kula Chandran, Ramco Systems, Chennai.	Secretary (Ex-Officio)
7	Dr. J. Jerald, Professor, Dept. of Production Engineering, NIT Tiruchirappalli	Secretary (Ex-Officio)
8	Prof. G. Seetharaman, Registrar (i/c), IIITT	Member Secretary

During the year 2022-23(01-04-2022 to 31-03-2023), one Buildings and Works Committee meeting was conducted.

1.5 FORMATION OF COMMITTEES

The Institute formed necessary committees for the purpose of better governance, which include Senate to solely scrutinize the Academic Activities. Further, the Institute formed a Purchase Committee for channelizing, reviewing and verifying the purchase and procurement related process of various establishment. Moreover, the Institute re-constituted Stock Verification Committee in April 2022 for internal verification of Institute and Department stock for the year 2022-23.

1.6 CONSTRUCTION ACTIVITIES

The Institute promptly commenced the construction activity in its permanent campus on 13th March 2020. The Institute entrusted the construction of Administrative and Academic Block, Boys Hostel and Mess Blocks to CPWD.



The completion and handing over of the Academic and Administrative building ensured the smooth commencement of offline classes after the pandemic. The construction of the buildings was completed and finishing work was in progress. Further, the exterior tasks such as laying and widening road, construction of canal, landscaping, horticulture, cleaning the ground, construction of the

entrance arch, commissioning and functioning of Sewage Treatment Plant and Water Treatment Plant, etc. gradually advanced to completion or under the pipeline to completion.



The main entrance arch civil and other related works were completed and made available for access. Further, the third floor in Abdul Kalam Hall of Residence (Boys Hostel) was completed and was ready to accommodate students from January 2023.

1.7 INAUGURATION OF THE INFOSYS GIRLS HOSTEL

After the completion of finishing work in the Girls Hostel Building sponsored by Infosys Foundation for a total outlay of Rs.16 Crore, Shri. Anil Kumar, Vice President, Infosys, Chennai dedicated the Girls Hostel constructed on 3rd February 2023 which can comfortably accommodate the Girl Students. The Hostel is named as Infosys Foundation Girls Hostel in appreciation of their invaluable contribution in the establishment of the Institute and to acknowledge the concern to provide an opportunity for the Girl students to pursue their academic dream. It provides basic amenities to accommodate 200 students.

Thus, the Institute takes great pride in announcing the completion of basic infrastructural requirements to provide furnished favorable atmosphere for students.

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1.8 ESTABLISHMENT OF THE INSTITUTE

The Institute undertook various procurements during May 2022 to April 2023 to improve the campus at multiple levels to accommodate students in a conducive environment. The Institute processed the procurement of Furniture and necessary equipment for Administrative and Academic Block, Boys Hostel Furniture and other requirements such as Gas Connection, Water Connection, Kitchen Equipment, Dining Tables, and Food Catering Service for mess to establish the essential amenities. The said items were purchased as per GoI norms with proper approvals.

1.9 INSTITUTE VISIT OF DIGNITARIES

Prof. G. Aghila, Director, NIT Tiruchirappalli visited the campus on 26th June 2022. She interacted with the faculty members and shared her experience to motivate them. She also insisted that the faculty should contribute to the growth of the Institute. Next, Honourable Minister of State for Education Dr. Subhas Sarkar visited the campus on 1st November 2022. During the visit, the Honourable Minister inaugurated one of the Conference Halls in the Second Floor of Sir C.V. Raman Academic and Administration Building. Further, he enthusiastically interacted with the students regarding Blood Donation, entrepreneurship, and importance of communication skills. In addition, he requested them to inculcate social responsibility in contributing to the development of the nation. Then, he eagerly explained the essence and the

inspirational aspects of Institutional affiliation. He also motivated the students to respond and express themselves without inhibition. He also interacted with the faculty members of the Institute and encouraged them to participate in the development of the society. He also reviewed Administrative and Academic progress of the Institute. He visited the Abdul Kalam Hall of Residence (Boys Hostel), Smt. Savithribai Phule Dining Hall, Infosys Foundation Girls Hostel. He appreciated the efforts of the Institute.









Then, Scientist Shri P. Radhakrishna Director, LRDE -DRDO interacted with the faculty members and the students on 11th November 2022. He informed the faculty members about the research opportunities and enlightened the students on possibilities to apply the classroom lesson for problem solving.

Further, Prof. N.V. Ramana Rao, Former Director, NIT Warangal and Member, B&WC, IIITT visited the campus on 10th January 2023 and interacted with the students. On 3rd February 2023, Shri. Anil

Kumar, Vice President, Infosys, Chennai after dedicating the Infosys Foundation Girls Hostel interacted with the students. The visits by the reputed personalities are engraved in the history of the Institute as moments to cherish.

2.1 EDUCATION SYSTEM

2.1.1 UG ADMISSION

he Institute offers two Under Graduate courses i.e.

Computer Science and Engineering (CSE) and

Electronics and Communication Engineering (ECE).

The duration of each course is four years. All courses follow semester pattern. Admission is awarded based on All India Rank obtained by the student in Joint Entrance Exam (JEE) Main. Central Seat Allocation Board (CSAB) by Joint Seat Allocation Authority (JoSAA), Government of India, under the Ministry of Education,

Government of India admits students through counselling.

2.1.2 UG CURRICULUM

The Institute follows the curriculum (2020) from the Academic year 2020-21 for the UG courses. The Institute revises the curriculum as and when required based on the advancements and demands of the industries.

2.1.3 PG AND RESEARCH

The Institute flagged off M. Tech programs in VLSI Systems and CSE from September 2021. The Institute admits students through Centralized Counselling for M.Tech./M.Arch./M.Plan. (CCMT) for the PG programs. Next, the Ph.D programs in the disciplines of CSE, ECE, Mechanical Engineering, Physics, Mathematics, Economics and English are going on for the past three years. The Institute admits scholars once a year in the month of July through a selection process.

2.2 FOURTH CONVOCATION

The Institute unionized the Fourth Convocation on 15th October 2022 for the fourth batch of the B. Tech students who completed the degree in May 2022. The Institute proudly conferred degrees to 27 graduands of Computer Science and Engineering and 28 of Electronics and Communication Engineering. The Institute Gold Medalists are Mr. Dinesh Vikram V (CSE) and Ms. Nunna Lakshmi Saranya (ECE). Mr. Dinesh Vikram V (CSE) is also the fortunate recipient of the President's Gold Medal for overall outstanding performance. Among the graduands, 93.75 percent are highly placed with impressive packages ranging from 5 to 27 Lakhs.





Prof. Mini Shaji Thomas, Dean, Faculty of Engineering and Technology, and Professor, Department of Electrical Engineering, Jamia Millia Islamia, New Delhi graced the Fourth Convocation as the Chief Guest. She was the first woman Director of National Institute of Technology, Tiruchirappalli from 2016 to 2021 and the Mentor Director of IIIT Tiruchirappalli from 2016 to 2019. She is the founder Director of the Centre for Innovation and Entrepreneurship at Jamia

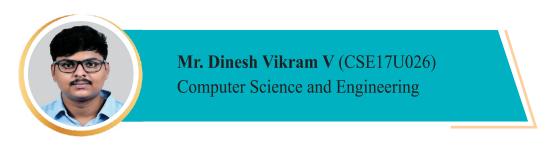
Millia Islamia. Her extensive research work includes Supervisory Control and Data Acquisition (SCADA) systems, Substation & Distribution Automation and Smart Grid adorned the occasion as the chief guest and addressed the graduands. She delivered the convocation address to motivate the young graduands. She delineated her significant experience, which inspired the budding engineers. The technological advancements enunciated by Dr. Thomas created an awareness on the state-of-the-art augmentation in fields where opportunities are aplenty. Further, she also asserted the importance of connecting and contributing to the Alma Matter for its development alongside their progress. Subsequently, she insisted the graduands to be grateful to the teachers and to offer service to the growth of the nation.

The BoG and the Senate Members also graced the occasion. In addition to the graduands, their parents, media representatives and other respected dignitaries attended the function. Director, IIIT Tiruchirappalli and faculty members also joined the occasion to make it a grand success.

2.3 STUDENT GOLD MEDALISTS

The following students of Batch 2018-2022 were awarded Gold Medals for their meritorious performance throughout the course.

2.3.1 PRESIDENT'S GOLD MEDAL WINNER



2.3.2 ROLL OF HONOURS GOLD MEDAL WINNERS FOR B.TECH., PROGRAMMES



Mr. Dinesh Vikram V (CSE17U026) Computer Science and Engineering



Ms. Nunna Lakshmi Saranya (ECE17U022) Electronics and Communication Engineering

2.4 FACULTY PROFILES

2.4.1 Department of Computer Science and Engineering



Dr. R. Dhanalakshmi, Associate Professor & Head Computer Networks,
Combinatorial Optimization Techniques,
Data Analytics



Dr. N. Renugadevi, Assistant Professor Internet of Things, Cloud computing, Big Data Analytics, Data Science, Group Key Management, Secure Group, Communication, Cognitive Radio Networks



Dr. G. Devasena, Assistant Professor Image Processing, Video Processing, Machine Learning and Deep Learning



Dr. Anoop Jacob Thomas, Assistant Professor Medical Image Processing,
Neuroimage Processing, Image
Processing, Algorithms Processing, Algorithms



Dr. T. Sugirtha, Assistant Professor Computer Vision,
Deep Learning



Dr. Alkha Mohan, Assistant Professor Image Processing,
Data Science



Dr. M. Ambika, Assistant Professor Artificial Intelligence, Machine Learning, Deep Learning, Recommendation System and Data Science



Dr. J. Kokila, Assistant Professor Hardware Security, Blockchain Technology, IoT Edge, Computing and Computer Architecture

2.4.2 Department of Electronics and Communication Engineering



Prof. G. Seetharaman
Professor & Head,
ASIC and FPGA Based Design



Dr. R. KrishnamurthyAssistant Professor
Optical Networks and Wireless Communication



Dr. M. Senthil SivakumarAssistant Professor
VLSI Design



Dr. Banoth Ravi, Assistant Professor Machine Learning, Computer Networks, Ad hoc Networks, Wireless Networks, Computer and Communication Networks, VANETs, IoV, SDN, Digital Twin Networks



Dr. D. Suresh, Assistant Professor VLSI, Phase change memory devices, Device Simulations, Novel devices, Radiation–tolerant, non–volatile emerging memory devices



Dr. S. Padmathilagam, Assistant Professor Antenna design and Measurements: Microstrip Antennas, Monopole Antennas, Reconfigurable Antennas, MIMO Antennas, WBAN Antennas; Microwave components and circuits.



Dr. M. Harish Adhithya Assistant Professor Antennas, Antenna Arrays, Metamaterials, Frequency Selective Surfaces, Shared Apertures, Microwave Components

2.4.3 Department of Mechanical Engineering



Dr. Velmurugan. C Assistant Professor & Head, Shape Memory Alloys, Advanced Manufacturing Processes, Modelling and Simulation and Smart Materials

2.4.4 Department of Science and Humanitites



Dr. Kamakshi KAssistant Professor (Physics) & Head,
Photonics and Optoelectronic Devices



Dr. Jagadeeshwar PashikantiAssistant Professor (Mathematics)
Computational Fluid Dynamics



Dr. RinshuAssistant Professor (Economics)
Health Economics, Health Technology Assessment,
Development Economics



Dr. Sindhu VAssistant Professor (English)
English Language Teaching, Applied Linguistics

2.5 FACULTY CONTRIBUTIONS

2.5.1 PROJECTS

- Dr. Rinshu, Assistant Professor (Economics), (Project Director) and Dr. Sindhu V, Assistant Professor (English), Department of Science and Humanities (Co-PD) received grant from ICSSR Minor Projects scheme for the proposal titled "Financing of health care during COVID-19: Understanding the social protection dynamics and out of pocket expenditure in India". F.No. 02/142/2021-22/ICSSR/RP/MN (2022–2023), Amount Rs.2,25,000/-
- ◆ Dr. R. Dhanalakshmi, Associate Professor, Head, Department of Computer Science and Engineering received extension of grant period under DST-ICPS scheme for project titled "Detection of cause of life threatening diseases by examining the human genome in Microarray data using distributed implementations of algorithms". Grant No. T-54 (2019 − 2023), Amount −Rs.19,86,768/-
- Prof. G. Seetharaman, Head, Department of Electronics and Communication Engineering received the colossal consultancy project as the Principal Investigator and single point of contact for the value of Rs. 17,37,55,01,000/- (One Thousand Seven Hundred and Thirty-Seven Crore Fifty-Five Lakh One Thousand) for a period of three years (2022-2025) to execute the projects related to Making of Auroville City.
- Dr. R. Dhanalakshmi, Associate Professor, Head, Department of Computer Science and Engineering (Principal Investigator) and Prof. G. Seetharaman, Head, Department of Electronics and Communication (Co-Principal Investigator) received Research Grant from Auroville Foundation for a period of two years titled "Design and development of algorithms for integration of enterprise-wide data using AI techniques". F.No.AVF/2022/599, Amount—Rs.10,20,000/-.

- Dr. Koppole Kamakshi, Assistant Professor, Head, Department of Science and Humanities received Research Grant from Science & Engineering Research Board (SERB) for the project titled "Development of efficient and flexible solar cells based on plasmonic absorbers and amorphous silicon thin flims". F.No.SOG/2021/003797, Amount 43,67,264/-
- ◆ Dr. R. Dhanalakshmi, Associate Professor, Head, Department of Computer Science and Engineering (Co-Principal Investigator) received a research grant for three years under Science and Engineering Research Board (SERB) for the project titled "Development of AI Model for Early Prediction of Radiation- induced Lung Toxicity in Breast Cancer Patients" (2022−2025), Amount Rs.40,00,000/-
- Prof. G. Seetharaman, Head, Department of Electronics and Communication Engineering (Principal Investigator) and Dr. R. Dhanalakshmi, Associate Professor and Head, Department of Computer Science and Engineering, Dr. G. Devasena, Assistant Professor, Department of Computer Science and Engineering and Dr. V. Sindhu, Assistant Professor, Department of Science and Humanities (Co-Principal Invetigators) received Research Grant from Auroville Foundation for a period of 2 years titled "An Efficient optimization of large scale data automation using VLSI based Artificial Intelligence / Machine Learning Algorithm". F.No.AVF/2022/730 A, Amount—Rs.8,40,000/-.
- CHANAKYA Fellowship IITIDRISHTI CPS Foundation under the National Mission on Interdisciplinary Cyber Physical System (NM-ICPS) of Department of Science and Technology, Govt. of India was awarded to Mr. Saurabh Saindhane, III B. Tech CSE Student under the mentorship of Dr. R.Dhanalakshmi on 08.02.2023 for the research proposal.

• Dr. Anoop Jacob Thomas, Assistant Professor, Department of Computer Science and Engineering, (Project Director) and Dr. Rinshu, Assistant Professor (Economics), Department of Science and Humanities (Co-Project Director) received grant from ICSSR Minor Research Projects scheme for the proposal titled "Exploring the virality of fake news, diffusion and probable effects on health outcomes-A Socio-Technical approach". F.No. 02/127/2022-23/ICSSR/RP/MN/GEN, Amount—Rs.4,89,000/-

2.5.2 WORKSHOPS AND FDP ORGANIZED

- A one-day DST-SERB sponsored Workshop for faculty on 3D Printing of Smart Materials on 24th March 2023 was organized by Department of Mechanical Engineering, IIIT Tiruchirappalli.
- A one-day DST-SERB sponsored Research Facility Training Program on Metal 3D Printing on 23rd March 2023 was organized by Department of Mechanical Engineering, IIIT Tiruchirappalli.
- A seven-day SERB Accelerate Vigyan Scheme workshop on Machine Learning for Cyber Security from 18th to 24th January 2023 was organized by Department of Computer Science and Engineering, IIIT Tiruchirappalli.
- A seven-day SERB Accelerate Vigyan Scheme workshop on Design and Development of 3D Printing Machines for Manufacturing the Engineering Products from 25th to 31st July 2022 was organized by Department of Mechanical Engineering, IIIT Tiruchirappalli.
- A seven-day SERB Accelerate Vigyan Scheme workshop on Understanding Statistical Modelling and its Application in Healthcare Using R/ Python/SPSS/ STATA from 25th to 31st July 2022 was organized by Department of Science and Humanities, IIIT Tiruchirappalli.

A seven-day SERB Accelerate Vigyan Scheme workshop on IoT and Machine Learning for Automation from 18th to 24th July 2022 was organized by IIIT Tiruchirappalli.

2.5.3 RESEARCH PUBLICATIONS

- P.Narayanasamy, & S.Gopalakrishnan, "Novel fault tolerance topology using corvus seek algorithm for application specific NoC," *Integration*, 89, 146-154, 2023.
- U. M.Khaire, <u>R.Dhanalakshmi</u>, K.Balakrishnan, & M.Akila, "Instigating the Sailfish Optimization Algorithm Based on Opposition-Based Learning to Determine the Salient Features From a High-Dimensional Dataset," *International Journal of Information Technology & Decision Making*, 22(05), 1617-1649, 2023.
- K.Balakrishnan, <u>R.Dhanalakshmi</u>, M.Akila, & B. B.Sinha, "Improved equilibrium optimization based on Levy flight approach for feature selection," *Evolving Systems*, 14(4), 735-746, 2023.
- R.Dhanalakshmi, K. B. B. B,Sinha, & R.Gopalakrishnan, "Tomato leaf disease identification by modified inception based sequential convolution neural networks," *The Imaging Science Journal*, 71(5), 408-424, 2023.
- K.Balakrishnan, <u>R.Dhanalakshmi</u>, B. B.Sinha, & R.Gopalakrishnan, "Clock Synchronization in Industrial Internet of Things and Potential Works in Precision Time Protocol: Review, Challenges and Future Directions," *International Journal of Cognitive Computing in Engineering*, 2023.
- B. B.Sinha, M.Ahsan, & <u>R.Dhanalakshmi</u>, "LightGBM empowered by whale optimization for thyroid disease detection," *International Journal of Information Technology*, 1-10,2023.

- S.Sah, B. Surendiran, <u>R.Dhanalakshmi</u>, & S. N.Mohanty, "Mutation prediction and phylogenetic analysis of SARS-CoV2 protein sequences using LSTM based encoder-decoder model," *Arab Journal of Basic and Applied Sciences*, 30(1), 103-121, 2023.
- K.Balakrishnan, & R.Dhanalakshmi, "Classification and feature selection for microarray cancer dataset using an improved African vulture optimisation algorithm," *Int. J. Mathematics in Operational Research*, 26(1), 1-18, 2023.
- K.Balakrishnan, & R.Dhanalakshmi, "Feature selection in high-dimensional microarray cancer datasets using an improved equilibrium optimization approach\," *Concurrency and Computation: Practice and Experience*, 34(28), e7381, 2022.
- K.Balakrishnan, & R.Dhanalakshmi, "Feature selection techniques for microarray datasets: a comprehensive review, taxonomy, and future directions," *Frontiers of Information Technology & Electronic Engineering*, 23(10), 1451-1478, 2022.
- S. N, & R.Dhanalakshmi, "Analysis of S-shaped, U-shaped and V-shaped Transfer Functions in IoMT datasets using Binary Auila Optimization Techniques. International Journal of Mathematics in Operational Research," 2022.
- P. Valarmathi, <u>R.Dhanalakshmi</u>, & N. Rajagopalan, "Effective fashion labelling via Image-based recommendation and deep learning techniques. International Journal of Business Innovation and Research," 2022.
- K.Balakrishnan, <u>R.Dhanalakshmi</u>, & G. Seetharaman, "S-shaped and V-shaped binary African vulture optimization algorithm for feature selection," *Expert Systems*, 39(10), e13079, 2022.

- M.Tasneem, C. R.Monteiro, N. K.Kumar, J. P. B.Silva, K. C.Sekhar, <u>K.Kamakshi</u>, & M.Pereira, "Thickness-dependent microstructure, resistive switching, ferroelectric, and energy storage properties of pulsed laser deposited 0.85 [0.6 Ba (Zr0. 2Ti0. 8) O3-0.4 (Ba0. 7Ca0. 3) TiO3]-0.15 SrTiO3 thin films," *Ceramics International*, 49(12), 20756-20762, 2023.
- K. V.Alex, G.J, <u>K. Kamakshi</u>, J.Silva, S.Satish, & K.Sekhar, "Electrocatalysis by Graphene Materials. Bentham Science," 312-342, 2023.
- S.Angitha, K. V.Alex, J. P. B.Silva, K. C.Sekhar, M.Tasneem, & K.Kamakshi, "Optical properties of flexible ceramic films," *In Advanced Flexible Ceramics* (pp. 129-168), *Elsevier*, 2023
- R.Radhasaran, A.Sathyan, R. K.Sivaraman, S.Sugumaran, K.Kamakshi, & K.
 C.Sekhar, "Sensing, Antimicrobial and Photothermal Activity of Ultra-Stable
 Colloidal Copper Nanoparticles," *Plasmonics*, 17(6), 2521-2531, 2022.
- J.Gokulakrishnan, K. V.Alex, K. C.Sekhar, & <u>K.Kamakshi</u> "Highly Sensitive, Cost Effective, and Flexible SERS Substrate Based on Green Synthesized GO/rGO for Pesticide Detection," *ChemistrySelect*, 7(20), e202200348, 2022.
- A. R.Jayakrishnan, J. P. B.Silva, <u>K.Kamakshi</u>, D.Dastan, V.Annapureddy, M.Pereira, & K. C.Sekhar, "Are lead-free relaxor ferroelectric materials the most promising candidates for energy storage capacitors?," *Progress in Materials Science*, 101046,2023.
- A. S.Ibrahim, K. V.Alex, M. B. Latha, <u>K.Kamakshi</u>, S.Sathish, J. P. B.Silva,
 & K. C.Sekhar, "Effect of the thickness on the photocatalytic and the photocurrent properties of ZnO films deposited by spray pyrolysis," *Discover Materials*, 2(1), 10, 2022.

- K. V.Alex, <u>K.Kamakshi</u>, J. P. B.Silva, S.Sathish, & K. C. Sekhar, "Automobile exhaust nanocatalysts," *In Nanotechnology in the Automotive Industry, Elsevier.*, pp. 529-560, 2022.
- K.S.Perumal, L.Selvarajan, K.P.Manikandan, & <u>C.Velmurugan</u>, "Mechanical, tribological, and surface morphological studies on the effects of hybrid ilmenite and silicon dioxide fillers on glass fibre reinforced epoxy composites," *Journal of the Mechanical Behavior of Biomedical Materials*, 146, 106095, 2023.
- N. S.Balaji, <u>C.Velmurugan</u>, M. Saravana Kumar, M. Sivakumar, & P.Asokan, "Experimental Investigation On Mechanical Properties of Fdm-Based Nylon Carbon Parts Using Ann Approach," *Surface Review and Letters*, 30(05), 2350028, 2023.
- <u>J.Pashikanti</u>, & D. R. Susmitha Priyadharshini, "Influence of thermal radiation and chemical reaction due to Graphene oxide nanofluid on a stretching cylinder," *Computational Thermal Sciences: An International Journal*, 2023.
- P.George, M.Chittem, <u>R.Dwivedi</u>, C.Pal, Y.Guntupalli, S.Pati, & R.Chakravarthi, "The empathy factor: The role of empathy in knowledge, attitude, and practice of organ donation in India-A crossectional, observational study," *Indian Journal of Transplantation*, 16(3), 274-281, 2022.
- K. C.Sahoo, R.Athe, D.Bhattacharya, <u>R.Dwivedi</u>, R. K.Sahoo, L. W.Aimol,
 & S.Pati, "Use of Portable Automated Auditory Brainstem Responses in Universal Neonatal Hearing Screening: A Mixed-Method Study in Odisha,
 India," *Indian Journal of Pediatrics*, 90(3), 298-300, 2023.

- N.Renugadevi, S.Thangallapally, S. C. Vemula, S. Julakanti, & S. Bhatnagar, "Methods for improving the implementation of advanced encryption standard hardware accelerator on field programmable gate array A survey. Security and Privacy," 5(6), e254, 2022.
- M. Senthil Sivakumar, G.Thangavelu, R.Hebbar, N.Haldar, & H. Singh, "Design and development of smart Internet of Things—based solid waste management system using computer vision," *Environmental Science and Pollution Research*, 29(43), 64871-64885, 2022.
- M. Senthil Sivakumar, L. M.Leo, T.Gurumekala, V.Sindhu, & A.S.Priyadharshini, "Deep learning in skin lesion analysis for malignant melanoma cancer identification," *Multimedia Tools and Applications*, 1-21, 2023.
- S.Kumari, <u>S.Durai</u>, & A.Manivannan, "Impact of process-induced variability on multi-bit phase change memory devices," *Microelectronics Journal*, 130, 105638, 2022
- <u>S.Durai</u>, K.C.Devi, S.Raj, & A.Manivannan, "Impact of process-induced ellipticity on the RESET process of cylindrical phase change memory devices," *Physica Scripta*, 97(12), 125005, 2022.
- N.Hema Priya, <u>S.M.Adithya Harish</u>, N.Ravi Subramanian, & B.Surendiran, "Covid-19: Comparison of Time Series Forecasting Models and Hybrid ARIMA-ANN. In Rising Threats in Expert Applications and Solutions: Proceedings of FICR-TEAS 2022," *Singapore: Springer Nature Singapore* pp. 567-577, 2022.
- B.Ravi, M.Kumar, Y. C.Hu, S.Hassan, & B.Kumar, "Stochastic modeling and performance analysis in balancing load and traffic for vehicular ad hoc networks: A review," *International Journal of Network Management*, e2224, 2023.

- <u>B.Ravi</u>, B.Varghese, I.Murturi, P. K.Donta, S.Dustdar, C. K.Dehury, & S.N.Srirama, "Stochastic Modeling for Intelligent Software-Defined Vehicular Networks: A Survey," *Computers*, 12(8), 162, 2023.
- <u>S.Thayalan</u>, *S.Muthukumarasamy*, K.Santhakumar, K. B.Ravi, H.Liu, T.Gauthier, & S.Yogamani, "Monocular three-dimensional object detection using data augmentation and self-supervised learning in autonomous driving," *Journal of Electronic Imaging*, 32(1), 011004-011004, 2023.
- <u>S.Thayalan</u>, & *S.Muthukumarasamy*, "Multifocus object detector for vehicle tracking in smart cities using spatiotemporal attention map," Journal of Applied Remote Sensing, 17(1), 016504-016504, 2023.
- A.Roy, <u>J.Kokila</u>, N.Ramasubramanian, & B. S.Begum, "Device-specific security challenges and solution in IoT edge computing: a review," *The Journal of Supercomputing*, 1-36, 2023.

2.5.4 CONFERENCE

- P.Vijaya Kumar, I.Akilan and <u>C.Velmurugan</u>, "Development of Asymmetric Buttress Plate with Superior Mechanical Properties Using 3D Printing for Posteromedial Tibial Plateau Fractures," *International conference on Powder Metallurgy & Particulate Materials organized by Powder Metallurgy Association of India, March 13, 2023, Mumbai.*
- <u>P.Jagadeeswar</u>, T.Santhosh, & D. R Susmitha Priyadharshini, "Numerical study of Graphene based nanofluid flow in an inclined channel," *ISTAM* 2022 Proceedings.
- A.Roy, <u>J.Kokila</u>, N.Ramasubramanian, & S. B.Begum, "Random Number Generation for PKI Using Controlled Anderson PUF," *International Conference on Public Key Infrastructure and its Applications (PKIA)* (pp. 1-6). IEEE, 2022.

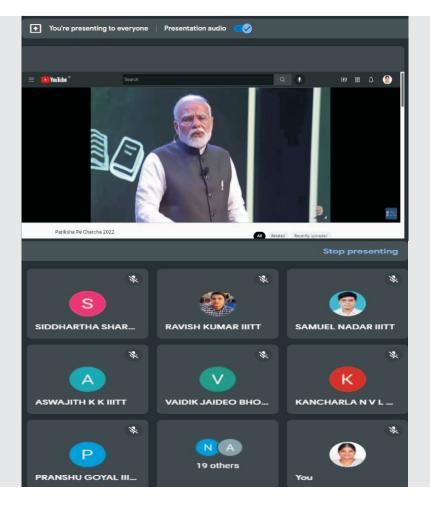
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- A.Roy, P.Panwar, <u>J.Kokila</u>, N.Ramasubramanian, & B. S.Begum, "Detection of Hardware Trojan using CNN with Residual Network," *6th Conference on Information and Communication Technology (CICT)*, *IEEE.*, pp. 1-6, 2022.
- S.B. Mohamed, C.Kaviarasu, A. Danielwilson, <u>C.Velmurugan</u>, R.Jayaganthan and K.Kaviyarasu, "Metal Additive Manufacturing: Materials, Methods, Microstructure Evolution and Mechanical Properties via Post- Processing Heat Treatments" in Nanomaterials for Energy Conversion, Biomedical and Environmental Applications, Singapore: Springer Nature Singapore, 2022, pp.167-216
- A. Mohan and A. Jayakrishnan," Leaf-CAP: A Capsule Network-based Tea
 Leaf Disease Recognition and Detection" in Predictive Analytics in Smart
 Agriculture, CRC Press.

2.6 LIBRARY

The Institute Library houses around 1600 books and titles related to the domains of Computer Science and Engineering such as Programming, Operations System, Data Mining, and Machine Learning; the fields of Electronics and Communication Engineering such as Electrodynamics, Microelectronic devices, Semiconductor Devices, Internet of Things, etc. along with Environmental Engineering, Physics, Mathematics, Business Communication and some general books. The books in library extensively satisfy the needs of the UG and PG Curricula. In addition, these books also help in enriching the technical knowledge of the students. The books also serve as reference tools to the faculty members. The faculty members also encourage the students to use e-books by sharing open e-resources for their academic pursuits.

3.1 LIVE STREAMED PARIKSHA PE CHARCHA



ariksha Pe Charcha is an event launched by the honorable Prime Minister as an annual event. The Honorable PM addresses the students who are waiting to face their exams. The program is available live from New Delhi on Doordarshan through DD National, DD News and DD India. It is also made available through live airing on radio channels (All India Radio Medium Wave, All India Radio FM Channel), Live web streaming on websites of PMO, MoE, Doordarshan, MyGov.in and Youtube channel of MoE, Facebook Live and Swayamprabha channels of MoE. The Institute motivated students to participate in the activity by joining the streaming platforms on 1st April 2022 and 27th January 2023.

3.2 ATRANG '22

The student organized Annual Technical Fest, ATRANG '22, through virtual mode. Ms. Deepthi Lakkaraju, Head of Product, Surface India, Microsoft as the Chief Guest inaugurated the event on 2nd April 2022. She enlightened the students on the importance of participating in such technical events to sharpen their mind. The competitions engaged the B.Tech students from 2nd to 3rd April 2022 to provide an opportunity for them to practically apply their skills and talents. The fest included events like Hackathon, Coding Contest, Pitch Your Startup, Share Your Tech Story, Poster Designing, etc. to engage all the students delightfully.

3.3 INSTITUTE DAY AND FAREWELL FUNCTION

IIITT celebrated Institute day on 7th April 2022. Prof. Anupam Shukla, Director, IIIT Pune graced the occasion as the Chief Guest and educated the students on the aspects of leadership. Further, the Student Council members announced the winners of the competitions conducted throughout the year. In addition, the juniors bid adieu to the final years during the occasion. Then, members of the student council handed over their responsibilities to the newly elected members.

3.4 OBSERVATION OF CYBER JAAGROOKTA DIWAS

The notably increasing trend in cyber crimes due to the existence of vulnerabilities in software, applications, websites and configurations of IT infrastructure. With the security concerns, the GoI has decided to observe the Cyber Jaagrookta Diwas (CJD) through 6 sessions on the first Wednesdays of coming months from April 2022. The Institute ensured that the young students join the sessions to be part of the event to make themselves more knowledgable on the cyber security issues.

3.5 OBSERVATION OF SWACHH HARIT BHARAT GREEN PLEDGE

"Swachh Bharat Harit Bharat Green Pledge" for the elimination of Single Use Plastic (SUP) by the GoI is an initiative to stop plastic use by everyone, to protect the environment and to encourage the alternative options instead of plastics. The Insitute involved faculty members and students to take the pledge on 11th May 2022.

3.6 EIGHTH INTERNATIONAL YOGA DAY CELEBRATION

The Yoga Club of IIITT celebrated the eighth International Yoga Day on 21st June 2022 at 11 AM as per the guidance of Ministry of Ayush, Government of India. As part of the celebration, the Yoga Club organized yoga practice session for faculty members, staff, students, alumni of the Institute and the people of the community on the theme "Yoga for Humanity".

In addition, a seven-day workshop on "Enlighten Within" to encourage continuous practice of yoga for longtime health and mental welfare among students preceded the International Yoga Day celebration.



Ms. Sowndharya, Trained Hatha Yoga Teacher, Isha Foundation, Coimbatore as the guest yoga practitioner preached, enlightened, and made the participant practice yoga for their wellbeing. During the session, the participants practiced neck exercises, nadi shuddhi, yoga namaskar and namaskar process. These basic yoga practices for general wellbeing cleanse and purify the energy channel by increasing the oxygen flow throughout the body to improve blood circulation. Further, the namaskar process also strengthens the back and balances the blood sugar level.

3.7 NASHE SE AZADI PAKHWADA

Observation on International Day against Drug Abuse and Illicit Trafficking on 26th June, Narcotics Control Bureau started a campaign "Say Yes to Life, No to

Drugs" 12th to 26th June 2022. During the occasion, online pledge - Nashe se Azadhi was floated for a wider participation the public against the narcotic menace. The Institute encouraged students, faculty members and others to take the pledge to join the nation building opportunity.

3.8 GURU PURNIMA CELEBRATION

The Institute celebrated Guru Purnima on 13th July 2022 to facilitate and to express gratitude to the teacher who always held the hand to escalate in life through preaching and teaching. The Guru, a beacon of wisdom and enlightenment, holds a special place in the hearts of believers. They ignite the universe with their teachings, inspiring us to tread the path of light while dispelling the darkness of confusion and ignorance.

3.9 HAR GHAR TIRANGA – HOIST FLAG AT YOUR HOUSE

As part of Azadi ka Amrit Mahotsav, the Institute encouraged all the faculty members to hoist a flag at their house between 13th and 15th August 2022 to collectively achieve the aim of the country to mark its successful 75th year of Independence.



3.10 INDEPENDENCE DAY

On the 76th Independance day, the Institute commemorated the culmination of freedom after the struggles of each Indian citizen on 15th August 1947 as part of Azadi ka Amrit Mahotsav (76th Independence Day Celebration), an initiative of Government of

India. The Director hoisted the tri-colour flag and addressed the gathering during the event. Faculty members, staff and students expressed their unswerving patriotism through participating in the event.

3.10 OBSERVATION OF SWACHHTA PAKHWADA PLEDGE







The Institute observed Swachchta Pakhwada from 1st to 15th September 2022 as per the nationwide cleanliness initiative of Government of India under Swachh Bharat Abhiyaan. Director, Faculty and Staff of the Institute took a pledge, which insisted the responsibility of the citizens in maintaining cleanliness and hygiene. Further, the students attended online pledge events coordinated by the Institute. The Institute also conducted Cleanliness Drive of the Campus on 8th September and Plantation Drive on 9th September. Further, Two Shades-a competition was organized jointly by

EBSB and Fine Arts Clubs on 12th September, and a Special Talk by Dr. Vedprakash Singh, Joint Registrar (Retired), IIT Kanpur on 15th September 2022 to ensure the message on the importance of cleanliness reaches the students strongly while participating in the event.

3.11 HINDI PAKHWADA CELEBRATIONS

The Institute coordinated a special invited talk by Dr. Vedprakash Singh, Retired Joint Registrar of IIT Kanpur. He addressed the students on the significance of 14th September as Hindi Diwas and insightfully enlightened the audience on the language which is spoken by nearly 425 million people as the first language.

3.12 ROBOTICS CLUB - ROBOTICS SEMINAR-CUM-DEMONSTRATION

Robotics Club of IIITT conducted Robotics Seminar-cum- Demonstration in KINOVA GEN3 6DOF Arm with Gripper on 22nd September 2022. Mr. Aditya Marathe, Founder, Nugenix Robotics educated students on the exciting area of Artificial Intelligence and



Robotics, which revolutionizes the current industry. The workshop also enlightened the students on the emerging technologies and their industrial applications. The workshop is a revelation for many young students in understanding interdisciplinary and multi-disciplinary research, employment and entrepreneurial opportunities and their applications.

3.13 AAHLADH '22

The much-awaited annual cultural fest, AHLAADH '22, featured various interesting competitions to celebrate the creative and artistic talents of students. The events were planned and coordinated by the student council members with the help of other student volunteers under the guidance of a faculty member from



14th to 16th October 2022. The first ever student organized offline event at the Institute's permanent campus with Face Painting, Guess the Object, Eating Competition, Dumb Charades, AdZap, Treasure Hunt, Music, Dance and Cooking Competitions unleashed the opportunities for the students to display their talents.

3.14 UNITY RUN ON NATIONAL UNITY DAY

The volunteers of EBSB and Sports Clubs participated actively in Unity Run on 31st October 2022 to celebrate Unity in Diversity on the birth anniversary of Sardar Vallabhai Patel who majorly contributed for political integration of India. The students showed interest in joining the sprint with enthusiasm.



3.15 FIRST-YEAR ORIENTATION PROGRAM

The freshmen of the academic year 2022-23 were welcomed through the Orientation Program coordinated between 09th and 11th November 2022. This program introduced the overall aspects of campus life starting from the history of the Institute, curriculum, fee structure, introduction to the Departments and the faculty members, Training and Placement, use of online educational platforms, importance of computer programming in Engineering, Engineers as budding innovators and entrepreneurs, assessments, and grading system. Similarly, the program sensitized the students on fitness, yoga, and personality development to plan and accomplish their goals from the entry level. The program also tested the proficiency level of the students in English and Maths to help them realize the scope for improvement.

3.16 SENSITIZATION WORKSHOP

The Institute coordinated a Sensitization Workshop on Implementation of Prevention, Prohibition and Redressal Act against Sexual Harassment of Women at Workplace on 25th November 2023 in connection with the International Day of Elimination Assessment against Women for the benefit of the community. Dr. N.Manimekalai, Founder Director, Department of Women Studies, Bharathidasan University, Tiruchirappalli educated the audience about the Act that protects women from workplace harassments.



3.17 THIRD E-CALENDAR OF THE INSTITUTE

The Institute designed its third e-Calendar in January 2023. The Aikyam magazine production team of IIIT Tiruchirappalli enthusiastically designed the e-Calendar. The e-calendar was uploaded online for the benefit of students, faculty members, staff and other stakeholders.

3.18 NATIONAL GIRL CHILD DAY CELEBRATION

The Ministry of Women & Child Development identified 24th January 2023 as the National Girl Child Day. It is celebrated to promote awareness about the rights of the girl child to bridge the gender divide and to lay emphasis on the importance of girl's education, health and nutrition. The Institute invited the faculty members to post their selfie with their daughter/s in the social media platform to celebrate the girl child.

3.19 REPUBLIC DAY

The Institute celebrated the nation's most prestigious day to commemorate the constitution of Democracy and its contribution to the development of our country on 26th January 2023. The Republic Day celebrations encouraged the youth to participate in nation building.



3.20 COMPETITIONS AND OTHER EVENTS

Other than these curricular and extra-curricular events, the vibrant student community organized various technical and fine arts events and encouraged their peers to participate in competitions of different clubs. Such competitions and events are learning opportunities as they expose students to the adversities

and obstacles in planning, organizing and executing the events and conducting the competitions. The first-hand enriching experience endows students with interpersonal skills, which are indispensable among the youth to build their personalities. Further, the exposure strengthens the skill of ideating, creating, organizing, and completing tasks, events and competitions in students even when many of them lost such opportunities earlier due to the pandemic. With focused interest and confidence, the student representatives ardently prepared and organized events such as "Debate", "Best Shot of Campus – a Photography Competition", "Origami", "Singing Competition", "Poetry Recitation", "Extempore", "Bibliophilia", "Quiz on HTML", "Short Film Making", "Guess the Things", "Medley" and "Poetry Writing" under different clubs. Further, Aarambh – coding competitions are also periodically conducted to enhance the technical skills of the students along with the other technical competitions on 11th, 18th and 25th November 2022. Next, a workshop on Password Cracking and SQL Injection on 1st December 2022 by Network Security Club; a session on Introduction to Data Science on 16th February 2023 by Coding Club were steered to strengthen the knowledge base of the student community. These technical events also direct students in solving problems and tasks successfully during their internship and placement process. The student representatives of EBSB and Literary and Debating Clubs published two more issues of the multi-lingual e-magazine AIKYAM. The opportunity to edit and publish a multilingual magazine enhances meticulous planning, organizing and reporting while presenting ideas and content.

The sense of patriotism and unity is ingrained among faculty members, staff and students through encouraging their participation in national integrity initiatives and pledge such as Gandhi in Me, Vigilance Awareness, Constitution Day, International Day of Nonviolence, Jal Shakti Abhiyan, and LiFE- Meri-LiFE or Mission Lifestyle Environment, etc.



Many other extra-curricular activities and events also elated the student community to be consciously and spontaneously engage themselves in the intellectual hunt to be resourceful.

ur Training and Placement Cell aims to identify the most lucrative career prospects for students in addition to train and support them to achieve their employment goals. The T&P Cell always encourages and guides the students who either opt for a career or decide to become an entrepreneur. Primarily, the Institute has designed robust curriculum with variety of courses that present fundamental concepts to widen their horizons and to develop their knowledge on the advancing fields. Alternatively, diverse co-curricular and extra-curricular activities exuberantly foster managerial and interpersonal communication skills along with intellectual development. Thus, the preparations evolve students into resourceful, enterprising and prospective professionals from the entry point because rigorous and extensive upliftment cannot be accomplished in a single day.

4.1 INDUSTRIAL TRAINING / INTERNSHIP

Other than placements, the Institute B. Tech Programs offer internships to deliver more chances for students to develop their technical abilities. When students complete the task at the formal workplace, the exposure mends and advances their theoretical knowledge. The experience during internships educate students about the fundamental abilities obligatory for professionals. Their awareness of the tangible demands of the industry is aided by the knowledge they acquire throughout their internship. The final year students complete their internship during the summer vacation of the pre-final year in organizations, Multi-national Corporation and companies. This year the students are admitted for internship in

companies such as NoteActive, Null Class, Modelon, Optum, RP Webapps, Adiverse Tech, Ant Creatives, Business Web Solutions, Netgen Softwares, Alleaze, DigiTattva, Seller Square, Feynn Labs, Proactivist, Emertxe, Quant Masters, ConcCoder Services, Silicon Garage, Oasis Infobyte, Internshala, Bhel, Suma Japanese Technologies, and IBM Skills Build.

4.2 TRAINING OFFERED

In addition, the T&P Cell periodically refines and revitalizes the skills of students to develop their personalities through training sessions, various workshops, industry visits and lectures. These activities and training sessions orient the students to balance their emotions, as it is one of the basic pre-requisite qualities for personal as well as professional growth of an individual. Moreover, the activities through various technical clubs also introduced the emerging and state-of-the-art advancements to the students and made them industry-ready and employable. Other than these, the regular Soft-skill Training Sessions throughout the academic year also fine-tuned the soft-skills of students gradually to enable them overcome the challenges of professional life through balancing their emotions to take informed rational decisions.

4.3 PLACEMENT DETAILS

The Institute received 63-job offers to 29 graduates in companies such as Juspay, Cogoport, Cognizant, Brane Enterprices, MAQ Software, FIS, Optum, etc. as software engineers and program analysts with a salary range between 3.6 Lakhs and 27 Lakhs. The significant increase in the percentage from previous years' 63% to 93.5% placement guarantees that the dedicatory efforts of the Institute and the students would accelerate the rate of placement to a higher level in future.

S. No	Company	No. of Students Placed	Salary Package (INR in Lakhs/PA)
1	Juspay	1	27
2	Cogoport	4	12
3	Cognizant (Base++)	2	10
4	Brane Enterprises	2	9
5	MAQ Software	2	9
6	FIS	1	8.6
7	Optum	6	7.78
8	Publicis Sapient	7	7.5
9	SpringML	4	7.5
10	IBM	6	7.5
11	Capgemini	12	7.5
12	CGI	2	7.5
13	Josh Technology	1	7
14	Innominds	3	7
15	Cognizant (Base+)	3	6.75
16	Pindexx Solutions	1	6
17	Virtusa	2	5
18	Thundersoft	4	4.5
19	Face Prep	1	3.60

ANNUAL ACCOUNTS AND AUDIT REPORT

OF
IIIT TIRUCHIRAPPALLI

Indian Institute of Information Technology, Tiruchirappalli -620 012 Balance Sheet as at 31.03.2023

Sources of Funds:	Schedule No.	Balance as at March 31,2023	Balance as at March 31,2022
Capital Fund	1	1,41,39,17,278	1,40,73,18,113
Designated/Earmarked/Endowment Funds	2	ì	*
Current Liabilities & Provisions	8	1,61,70,170	6,14,73,362
TOTAL		1,43,00,87,448	1,46,87,91,475
Application of Funds	Schedule No.	Balance as at March 31,2023	Balance as at March 31,2022
Fixed Assets			
Tangible Assets	41	2,65,38,230	88,08,310
Intangible Assets		1,07,984	ì
Capital Works-in-progress		1,15,12,30,948	1,06,45,66,159
Investments From Earmarked/Endowment Funds	េ	*	ì
Long Term			
Short Term			
Investments - Others	9	1	ł
Current Assets	Z	22,65,71,478	32,47,42,726
Loans, Advances & Deposits	∞	2,56,38,808	7,06,74,280
TOTAL		1,43,00,87,448	1,46,87,91,475

Significant Accounting Policies
Contingent Liabilities and Notes to Accounts

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FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

-/ps

-/ps

Indian Institute of Information Technology, Tiruchirappalli -620 012

Income and Expenditure Account for the Period/Year Ended 31.03.2023

THEORING AND TAPENDING ACCOUNT	LAPCHULIU CACCUIII 101 tile 1 cilou/ 1 cai tilucu 3 1:03:2023	CU 01.00.4040	
Particulars	Schedule No.	2022~2023	2021~2022
INCOME			
Academic Receipts	61	6,42,43,111	3,71,67,903
Grants/Subsidies	10	ł	ì
Income From Investments	11	91,93,398	ì
Interest Earned	12	15,64,443	12,60,227
Other Income	13	21,10,954	1,86,000
Prior Period Income	<u>14</u>	t	t
TOTAL~(A)		7,71,11,906	3,86,14,130
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	15	3,45,00,602	3,29,43,503
Academic Expenses	16	1,17,32,363	8,43,061
Administrative and General Expenses	17	1,73,76,910	47,89,806
Transportation Expenses	18	10,72,778	9,99,417
Repairs & Maintenance	19	3,95,542	89,260
Finance Costs	20	2,012	2,596
Depreciation	4	53,26,333	18,44,609
Other Expenses	21	ł	ì
Prior Period Expenses	22	1,06,200	23,293
TOTAL-(B)		7,05,12,740	4,15,35,545
Balance Being Excess of Income over Expenditure (A-B)		65,99,166	(29,21,415)
Transfer to / from Designated Fund			
Building Fund			
Others (Corpus Fund)			
Balance Being Surplus/Deficit Carried to Capital Fund		65,99,166	(29,21,415)

Significant Accounting Policies

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Contingent Liabilities and Notes to Accounts

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY - TIRUCHIRAPPALLI

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DIRECTOR

Sd/-

Prof. N.V.S.N SARMA

DR. G. SEETHARAMAN

Indian Institute of Information Technology, Tiruchirappalli -620 012

	Particulars	2022-2023	2021-2022
	Balance as at the Beginning of the Year	1,40,73,18,112	1,00,31,45,676
Add:	Transferred from Designated/Earmarked Fund(Schedule 2) to Capital Fund (Schedule 1)	t	
	Final Balance as at the Beginning of the Year	1,40,73,18,112	1,00,31,45,676
Add:	Contribution towards Capital Fund	ł	80,93,852
Add:	Grant from UGC, Govt of India and State Government to the extent utilized for capital expenditure	ı	39,90,00,000
Add:	Assets Purchased out of Earmarked Funds		
Add:	Assets Purchased out of Sponsored Projects, Where ownership vests in the institution		
Add:	Assets Donated/Gifts Received		
Add:	Other Additions - Land		
Less:	Interest income from earmarked funds transferred to earmarked fund		
Less:	Amount Transferred from capital to Revenue grant*		
Less:	Amount transferred to Current Liabilities		
Add:	Excess of Income over expenditure transferred from the income & Expenditure Account	65,99,166	(29,21,415)
	Total	1,41,39,17,278	1,40,73,18,113
Deduct:	Deficit transferred from the Income & Expenditure Account		
	Balance at the Year End	1,41,39,17,278	1,40,73,18,113

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

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DR. G. SEETHARAMAN

Sd/-

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'ENDOWMENT FUNDS	
$\hat{}$	
AATED/EARMARKEI	
DESIGN	
TEDULE 2:	

SCHEDULE 2: DESIGNATED/EARMARKED/ENDOWMENT FUNDS	SC								
			Fund wise Breakup	Breakup					Total
Particulars	Corpus Fund	Staff Development Fund	Maintenance Fund	Depreciation Fund	Student Welfare Fund	ECC Fund	Endowment	2022-2023	2021-2022
a) Opening Balance	ı	0	0	0	0	0	0	0	ì
b) Additions during the year	t	0	0	0	0	0	0	0	i
c) Income from investments made of the funds	ŧ	0	0	0	0	0	0	0	ŧ
d) Accrued Interest on Investments/Advances		0	0	0	0	0	0	0	ì
e) Interest on Savings Bank Account		0	0	0	0	0	0	0	ì
f) Other Additions	ì	0	0	0	0	0	0	0	ŧ
Total -(A)	ı	0	0	0	0	0	0	0	ì
B									
Utilization/Expenditure towards objectives of Funds		0	0	0	0	0	0	0	
i) Capital Expenditure	ì	0	0	0	0	0	0	ŧ	ŧ
ii) Revenue Expenditure		0	0	0	0	0	0	ì	ŧ
iii) Capital Advances								t	t
Total - (B)	*	0	0	0	0	0	0	0	ì
Closing balance at the year end (A-B)	t	0	0	0	0	0	0		t
Represented by									
Cash and Bank Balances	ì	0	0	0	0	0	0	ì	į
Investments	1	0	0	0	0	0	0	ì	ł
Interest accrued but not due	ì	0	0	0	0	0	0	ì	i
Receivable from Tuition fees of DASA	1	0	0	0	0	0	0	ì	ř
Receivable from R & D Overheads	ì	0	0	0	0	0	0	ì	ł
Total	ł	0	0	0	0	0	0	0	ŧ

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY "TIRUCHIRAPPALLI

DIRECTOR	-/pS
REGISTRAR (I/C)	-/pS

Prof. N.V.S.N SARMA DR. G. SEETHARAMAN

SCHEDULE 3: CURRENT LIABILITIES & PROVISIONS

Particulars	2022~2023	2021-2022
A. Current Liabilities 1. Deposits from Staff		
2. Deposits from Students	22,45,016	23.66.533
3. Sundry Creditors		
a) For Goods & Services b) Others		
4. Deposit-Others (including EMD, Security Deposit)	2,25,000	2,25,000
5. Statutory Liabilities (GPF, TDS, WC Tax, CPF, GIS, NP8):	11 06 793	15 43 131
a) Overdue		
b) Others - Audit fees	90 000	64 800
6. Other Current Liabilities		
a) Salaries		
b) Receipts against Sponsored Projects	47.66.728	19.72.530
c) Receipts against Sponsored Fellowships & Scholarships		
d) Unutilized Grants	ā	5.13.48.751
e) Grants in Advance		-1-1-1-1
f) Other Funds (b) L & T Funds		
Total (A)	84,33,537	5,75,20,745
B. Provisions 1 Exp. To continu		
1. For Taxation 2. Graphity		
3. Superannuation/Pension		
4. Accumulated Leave Encashment		
5. Trade Warranties/Claims		
6. Others Liabilities	77.36.633	39.52.617
7. Depreciation	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Total (B)	77,36,633	39,52,617
Total (A+B)	1,61,70,170	6,14,73,362

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

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DR. G. SEETHARAMAN

	Indian In	stitute of Informat	Indian Institute of Information Technology, Tiruchirappalli -620 012	urappalli~620 01	[2		
		SCHEDULE 30	SCHEDULE 3(a) - SPONSORED PROJECTS	JECTS			
	Opening Balance	lance				Closing	Closing Balance
Name of the Project	Debit	Credit	Receipts/ Recoveries during the year	Total	Expenditure during the year	Debit	Credit
1. Detection of cause of life threatening diseases by examining the human genome in Microrray data using distributed implementation of alcourthme	ı	11,30,482	1	11,30,482	3,69,660	ì	7,60,822
2. Development of SRRS based sensor using Graphene-Metal Nanoparticles Hybrid Struture for detection of pesticides.	ı	10,46,027	t	10,46,027	3,41,858	ī	7,04,169
o. sustainable Manuacturing of Stainless Steed 3161 for Biomedical Applications using Fused Filament based retrofit 3D Printino Process	·	3,75,823	5,00,000	8,75,823	6,67,711	,	2,08,112
4. Development of efficient and flexible solar cells based on plasmonic absorbers and amorphous silicon thin films.	1	ı	28,02,300	28,02,300	2,31,499	ì	25,70,801
Dr. Rinshu project			3,50,000	3,50,000	2,44,076		1,05,924
Aurovil Project			3,80,000	3,80,000			3,80,000
Total	į	25,52,332	40,32,300	65,84,632	18,54,804	1	47,29,828

Interest amount of Rs.36899 showed in Schedule 12

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DR. G. SEETHARAMAN

Prof. N.V.S.N SARMA

		Salance 2023	8	DR.	-	,	-	-
		Closing Balance as on 31.03.2023	7	CR.	-	-	-	-
		the year	9	DR.	-	-	-	-
opalli~620 012	CHOLARSHIPS	Transactions during the year	2	CR.	-	-	-	-
ion Technology, Tiruchirap	3(b) ~ SPONSORED FELLOWSHIPS AND SCHOLARSHIPS	s on 01.04.2022	4	DR.	-	-	-	-
	SCHEDULE 3(b) - SPONSO	Opening Balance as on 01.04.2022	3	CR.	-	-	-	1
		Name of the Sponso	1.2		University Grants Commission	Ministry	Others	Total
		S.No 1			1	2	3	

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			III	ilan institute of i	Indian institute of information lechnology, lifuchirappaili -620 ULZ	ogy, Hrucr						
			Gross Block	<u></u>			Dep	Depreciation for the year 2022-2023	rear 2022-2023		Net E	Net Block
S.No.	Assets Heads	Op Balance	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	19,63,000			19,63,000	1		-		1	19,63,000	19,63,000
2	Electrical Installation and Equipment	6,59,910	6,69,018		13,28,928	2%	1,42,234	66,446		2,08,680	11,20,248	5,17,676
3	Office Equipments	25,83,014	1,62,298		27,45,312	7.50%	8,91,203	2,05,898		10,97,101	16,48,211	16,91,811
4	Audio Visual Equipments	1,36,437			1,36,437	7.50%	45,659	10,233		55,892	80,545	90,778
2	Computers & Peripherals	41,03,190	1,16,66,012		1,57,69,202	70%	38,97,361	31,53,840		70,51,201	87,18,001	2,05,829
9	Furniture, Fixtures & Fittings	60,12,256	1,02,22,730		1,62,34,986	7.50%	28,97,498	12,17,624		41,15,122	1,21,19,864	31,14,758
7	Lib.Books & Scientific Journals	33,48,034			33,48,034	10%	21,83,100	3,34,803		25,17,903	8,30,131	11,64,934
∞	Tube Wells and Water Supply	64,700			64,700	7%	5,176	1,294		6,470	58,230	59,524
6	Sports kit	956'68'9	2,64,205		9,04,161	100%	956'68'9	2,64,204		9,04,160	1	•
	Total (A)	1,95,10,497	2,29,84,263	1	4,24,94,760		1,07,02,187	52,54,343	-	1,59,56,530	2,65,38,230	88,08,310
S.No.	Intangible Assets	Op Balance	Additions	Deductions	Cl Balance	%	Dep Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization	31.03.2023	31.03.2022
10	Computer Software	65,780	1,79,974		2,45,754		65,780	71,990		1,37,770	1,07,984	•
	Total (B)	65,780	1,79,974	-	2,45,754		082'39	71,990	-	1,37,770	1,07,984	•
S.No.	Work-In-Progress	Op Balance	Additions	Deductions	Cl Balance	%	Dep Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization	31.03.2023	31.03.2022
11	Rerouting Land - Work-in-progress	1,36,82,129			1,36,82,129			1	1	1	1,36,82,129	1,36,82,129
12	Surveying and Levelling Charges	84,96,260			84,96,260						84,96,260	84,96,260
13	Compound Wall*	2,95,73,012			2,95,73,012						2,95,73,012	2,95,73,012
14	Building Construction Work / Boys Hostel*	1,01,28,14,758	8,00,00,000		1,09,28,14,758						1,09,28,14,758	1,01,28,14,758
15	Road Widening at IIIT Campus	•			-						-	-
16	Caanal Construction/Other Additions	1	66,64,789		66,64,789						66,64,789	1
	Total (C)	1,06,45,66,159	8,66,64,789		1,15,12,30,948				-	ı	1,15,12,30,948	1,06,45,66,159
	Grand Total (A+B+C)	1,08,41,42,436	10,98,29,026	'	1,19,39,71,462	,	1,07,67,967	53,26,333	1	1,60,94,300	1,17,78,77,162	1,07,33,74,469
			UNI dOS	I AN INSTITLITE O	T INEOPMATION TE	SO IONHO.	I I VARIATION INSTITUTE OF INFORMATION TECHNOLOGY AND INSTITUTE OF INFORMATION TECHNOLOGY.					

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

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Indian Institute of Information Technology, Tiruchirappalli-620 012

SCHEDULE 5: INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

S.No.	Particulars	2022-2023	2021-2022
1	In Central Government Securities	ı	ł
2	In State Government Securities	t	ì
8	Other approved Securites	t	ì
4	Shares	ì	ì
ıo	Debentures and Bonds	t	ł
9	Term Deposits with Banks	ł	
7	Others (to be specified)	*	ì
	Total	ì	ţ
		-	

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SCHEDULE 6: INVESTMENTS - OTHERS

S.No.	Particulars	2022-2023	2021-2022
1	In Central Government Securities	ı	ì
2	In State Government Securities	i	ì
3	Other approved Securites	i	ł
4	Shares	ì	ì
ß	Debentures and Bonds	t	ì
9	Others (to be specified)	ì	ł
	Total	t	ì

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SCHEDULE 7: CURRENT ASSETS

Particulars	2022~2023	2021~2022
1. Stock		
a) Stores and Spares	ł	ł
b) Loose Tools	ł	ł
c) Publications	*	ł
d) Laboratory chemicals, Consumables and glass ware	ł	ł
e) Building Material	*	ì
f) Electrical Material	ł	ł
g) Stationery	ł	ł
h) Water supply Materials	ł	1
2. Sundry Debtors		
a) Debts Outstanding for a period of exceeding six months	28,65,765	2,556,745
b) Other		
3. Cash and bank Balances (Inc. Stamp on Hand)		
Stamp on Hand:	106	106
a) With Scheduled Banks:-		
~ In Current Accounts	10,000	10,000
~ In Term Deposit Accounts		
- In Savings Accounts	18,00,00,00	24,180,449
b) With Non-Scheduled Banks:-		297,995,426
- In Term Deposit Accounts	4,36,95,607	
- In Savings Accounts		
4. Post Office-Savings Accounts		
Total	22,65,71,478	324,742,726

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ANNEXURE A of SCHEDULE 7

Amount in Rupees

I Savings Bank Account	
1. Grants from UGC	
2. University Receipts	
3. Scholarship A/c	
4. Sponsored Project Fund A/c	3,051,329
5. Academic Fee Receipt A/c	
6. Development(Plan) A/c	
7. Corpus Fund A/c	
8. Deposit A/c	
9. Student Fund A/c	40,644,279
10. Student Aid Fund A/c	
11. Plan Grants for specific	
schemes II Current Account	10,000
III Term Deposit with Schedule Banks	180,000,000
Total	223,705,608

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ~TIRUCHIRAPPALLI

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SCHEDULE 8 : LOANS, ADVANCES & DEPOSITS	1 0200 0200	2221 22
Particulars (A) A Company (A)	2022-2023	2021~22
. Advance to Employees (Non-Interest Bearing)		
a) Salary		
b) Festival		
c) LTC		
d) Medical Advance		
e) Other (to be specified)		
2. Long Term Advance to Employees (Interest Bearing)		
a) Vehicles Loan		
b) Home Loan		
c) Other (to be specified)-Computer, Marriage Loan		
3. Advances and Other amount recoverable in Cash or in kind or for Value to be		
received:		
a) On Capital Account- Deposits with CPWD	15,820,699	15,820,699
b) To Suppliers		
c) Other (to be specified) -		71,299
4. Prepaid Expenses		
a) Insurance		
b) Other Expenses		
5. Deposits		
a) Telephone		
b) Lease Rent		
c) Electricity		
d) AICTE, if applicable		
e) Others (to be specified)	3,38,110	32,050
~ Unutilised Grant	40,23,561	51,348,751
6. Income Accrued:		
a) On Investments from Earmarked/Endowment Funds		
b) On Investment Others	54,56,438	3,401,480
c) On Loans and Advances		
d) Others (includes income due unrealized)		
7. Other-Current Assets receivable from UGC/Sponsored Projects		
a) Debit Balances in Sponsored Projects		
b) Debit Balances in Fellowship & Scholarship(QIP)		
c) Grants Receivables		
d) Other Receivables		
8. Claims Receivables		
Tota	1 2,56,38,8080	70,674,279
1018	2,00,00,000	10,014,410

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SCHEDULE 9: ACADEMIC RECEIPTS

Particulars	2022~2023	2021~2022
Fees from Students		
A. Academic		
1. Tuition Fee	4,92,30,744	33,135,750
2. Admission Fee	1,76,560	87,524
3. Enrolment Fee / Convocation Fee		36,800
4. Library Admission Fee	~	~
5. Laboratory Fee / Computer Fee	~	~
6. Art & Craft Fee / Sports Fee	~	~
7. Registration Fee	1,09,243	117,000
8. Syllabus Fee/ MBA Fee	~	~
Total (A)	4,95,16,547	33,377,074
B. Examinations		
1. Admission Test Fee	~	~
2. Annual Examination Fee	~	~
3. Mark Sheet, Certificate Fee	20,600	30,940
4. Entrance Examination Fee	~	~
5. Supplementary fee	26,650	6,590
Total (B)	47,250	37,530
C. Other Fees		
1. Identity Card Fee	~	~
2. Fine / Miscellaneous Fee	~	~
3. Medical Fee	~	~
4. Transportation Fee	~	~
5. Hostel Fee	12,820,506	3,414,500
6. Others	18,58,808	338,799
Total (C)	1,46,79,314	3,753,299
D. Sale of Publications		
1. Sale of Admission forms	~	~
2. Sale of Syllabus and Question Paper, etc.	~	~
3. Sale of Prospectus including Admission Forms	~	~
Total (D)	~	~
E. Other Academic Receipts		
Registration fee for Workshops, Programmes	~	~
2. Registration fee (Academic Staff College)	~	~
Total (E)	~	~
Grand Total (A+B+C+D+E)	6,42,43,111	37,167,903

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SCHEDULE 10: GRANTS/ SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

		Plan			Moss		
Pantionlane			UGC	Total	NOIL	2002 2003	9091 9099
1 dt Heddall 5	Govt.of India	Plan	Specific Schemes	Plan	UGC	S7 O7 ~77 O7	7707-1707
Balance B/F	5,13,48,751	1	ı	ì	1	5,13,48,751	113,388,005
Add: Receipts during the year		ì	1	ł	1		*
Govt of India	ł	į	ì	ł	ì	ł	325,000,000
State Government		t	t	ŧ	t		74,000,000
Grant		ì	t	t	t		t
Interest Income	5,38,75,152~	ı	į	ŧ	ž	5,38,75,152~	ł
Total	10,97,23,903	t	t	t	t	10,97,23,903	512,388,005
Less: Refund to UGC	ı	ł	ł	ŧ	1	ı	
Balance	10,97,23,903	ı	ł	ı	į	10,97,23,903	512,388,005
Less: Utilized for Capital Expenditure (A)	10,97,23,903				ı	10,97,23,903	461,039,254
Balance	į	1	ł	ł	1	~	51,348,751
Less : utilized for Revenue Expenditure (B)		1	ł	1	ż		
Balance C/F (C)	1	į	1	1	1	1	51,348,751

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.

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY-TIRUCHIRAPPALLI

DIRECTOR

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Sd/~ Prof. N.V.S.N SARMA $Sd/{\text{-}}$ dr. g. seetharaman

Indian Institute of Information Technology, Tiruchirappalli-620 012

SCHEDULE 11: INCOME FROM INVESTMENTS

Particulars	Earmarked / Endowment Funds	lowment Funds	Other investments	ments
	2022~2023	2021-22	2022~2023	2021~22
1) Interest	ł	ł		ì
a) On Government Securities	ł	ł	ł	ł
b) Other Bonds/Debentures	ŧ	ł	t	ł
2) Interest on Term Deposits	ì	3	37,36,960~	~
3) Income accrued but not due on Term Deposits/Interest bearing advance to employee	1	ł	54,56,438~	~
4) Interest on Savings Bank Accounts	1	*	*	~
5) Others (Specify)	ì	ì	ł	ì
Total	ì	ì	91,93,398~	ì
Transferred to Earmarked / Endowment Funds	ì	ł	ì	ì
Balance	~	ł	91,93,398~	~

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SCHEDULE 12: INTEREST EARNED

Particulars	2022-2023	2021-2022
1) On Savings Accounts with Scheduled Banks	15,64,443	1,260,227
2) On Loans		
a)Employee/Staff	ì	ì
b) Others	ì	ı
3) On Debtors and Other Receivables	ì	1
Total	15,64,443	1,260,227

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SCHEDULE 13: OTHER INCOME

Particulars	2022-2023	2021-22
A. Income from Land & Building:		
1. Hostel Room Rent	i i	ł
2. License Fee	ž.	ž.
3. Hire Charges of Auditorium/Play Ground/Convention Centre, etc.		
4. Electricity charge recovered	4	ì
5. Water charges recovered	ž	ž
Total (A)	Ř ž	R 2
B. Sale of Institute's Publications (B)	~	
C. Income from Holding Events:		
1. Gross Receipts from Annual Function/Sports Carnival Function/Sports Carnival	1	ì
2. Gross Receipts from Fetes	ą	
Less: Direct Expenditure incurred on the Fetes	ş	ş
3. Gross Receipts from Educational Tours	ž	ł
Less: Direct Expenditure incurred on the Tours	ř	ř
4. Others (to be specified and separately disclosed)	ř	ř
Total (C)	ř 1	t 1
D. Others:		
1. Income from Consultancy	ı	t
a) Honorarium to staff	ı	ı
2. RTI Fees	1	l
3. Income from Royalty	1	1
4. Sale of Application Form (Recruitment)	ł	ł
5. Misc. Receipts (Sale of Tender Form, Waste Paper etc.)	ş	ş
6. Profit on Sale/Disposal of Assets:-	ş	ŧ
a) Owned Assets (under buy back purchase)	k	ŧ
b) Assets received Free of Cost 7. Grants/Donations from Institutions. Welfare Bodies and International Organizations	1	1
8. Other (specify)	ł	t
a) EMD fees	1,10,954	t
b) ATAL Sponsored FDP	20,00,000	1,86,000-
Total (D)	21,10,954	1,86,000-
Grand Total (A+B+C+D)	21,10,954	1,86,000-

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY-TIRUCHIRAPPALLI

DIRECTOR	~/pS	Prof. N.V.S.N SARMA
REGISTRAR(IIC)	-/PS	DR. G. SEETHARAMAN

SCHEDULE 14: PRIOR PERIOD INCOME

Particulars	202~2023	2021~202
1. Academic Receipts	~	2
2. Income from Investments	*	ł
3. Interest earned	ž.	ł
4. Other Income		ì
Total	ł	ł

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

~/ps

Sd/~

DR. G. SEETHARAMAN

Prof. N.V.S.N SARMA

SCHEDULE 15: STAFF PAYMENTS & BENEFITS (Establishment Expenses)

Doublows	2022~2023	2021-22
rariicaiars	Non Plan	Non Plan
a) Salaries and Wages	26,620,455	25,234,940
b) Allowances and Bonus	ł	ì
c) Contribution to Provident Fund	4,485,163	4,413,496
d) Contribution to Other Fund (NPS)	ì	ì
e) Staff Welfare Expenses		673,967
f) Retirement and Terminal Benefits	981 019	296.200
g) LTC Facility		2.324-900
h) Medical Facility) (
i) Children Education Allowance	059 956	
j) Honorarium (Non-Plan)	201,001	
Honorarium	1,000;11 1,01 & R	
k) Others (Specify)Outsources exp.	10.,00	
Total	34,500,602	32,943,503

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

	I ECHNOLOGI - IINOCHINAPITALLI	DIRECTOR	
REGISTRAR (i/c)	TON INDIAN INSTITUTE OF INTONINATION LECTINOLOGICAL TINOCHINATION	REGISTRAR (i/c)	

DR. G. SEETHARAMAN

~/ps

Prof. N.V.S.N SARMA

~/ps

Indian Institute of Information Technology, Tiruchirappalli~620 012 SCHEDULE 16: ACADEMIC EXPENSES

2021~2022 2022~2023 Particulars Non Plan Non Plan a) Laboratory Expenses /DOC 14,92,388 33,626 b) Field Work / Participation c) Seminar / Workshop d) Payment to Visiting Faculty (Guest Lecture) e) Examination f) Student Welfare Expenses 24,19,785 423,969 g) Admission Expenses 2,68,308 h) Convocation Expenses 6,04,258 306,519 i) Publications j) Stipend / Means-cum-Merit Scholarship 9,77,681 78,947 k) Subscription Expenses 78,947 1) Others (Specify) Caution

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI REGISTRAR (i/c) DIRECTOR

59,69,943

1,17,32,363

8,43,061

Sd/~

DR. G. SEETHARAMAN Prof. N.V.S.N SARMA

deposit

Hostel fee

Sports & Games, NCC/NSS,etc Total

m)

SCHEDULE 17: ADMINISTRATIVE AND GENERAL EXPENSES

	2022~2023	2021~2022
Particulars	Non Plan	Non Plan
A Infrastructure		
a) Electricity and Power	40,75,273	6,850
b) Water Charges	~	88,932
c) Insurance	5,05,561	1,41,820
d) Rent, Rates and Taxes (including Property Tax)	~	~
B Communication		
e) Postage & Telegram	11,328	18,814
f) Telephone Fax and Internet Charges	17,42,938	8,23,271
C Others		
g) Printing and Stationary	3,34,904	1,97,566
h) Travelling and Conveyance Expenses	2,13,887	34,066
i) Hospitality	1,23,847	~
j) Auditors Remuneration	1,45,530	1,72,780
k) Professional Charges	7,500	~
1) Advertisement and Publicity	3,24,576	3,97,479
m) Magazines & Journals	~	~
n) Others (Specify)		
TDS late fee	~	3,792
Sundry expenses	55,789	2,59,384
Senate meeting expenses	1,88,010	~
Security charges	~	~
Board Sitting Fees	8,378	6,31,000
Recruitment expenses	9,56,610	~
Outsourcing fee	59,60,261	8,94,069
Name board	~	ω.
House keeping	~	5,898
GST paid	5,96,179	1,21,157
Refreshment Expenses	91,089	47,226
Registration Fee	~	7,000
Accommodation charges	~	9,38,702
Board/Finance Committee Meeting Exp.	20,250	~
Other Misc. Exp	20,15,000	~
Total	1,73,76,910	47,89,806

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR Sd/- Sd/-

Indian Institute of Information Technology, Tiruchirappalli-620 012 SCHEDULE 18: TRANSPORTATION EXPENSES

Dantionlane	2022-2023	023	2021~2022	
1 41 110 4141 3	Plan	Non Plan	Plan	Non Plan
1. Vehicles (Owned by Institution)				
a) Running Expenses				ì
b) Repairs & Maintenance				ì
c) Insurance Expenses				ì
2. Vehicles taken on Rent / Lease				
a) Rent / Lease Expenses				ì
3. Vehicle(Taxi) hiring Expenses	10,72,778		999,417	`
Total	10,72,778	ì	999,417	ì

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

DIRECTOR	~/ps	Prof. N.V.S.N SARMA
REGISTRAR (i/c)	~/pS	DR. G. SEETHARAMAN

Indian Institute of Information Technology, Tiruchirappalli-620 012 SCHEDULE 19: REPAIRS & MAINTENANCE

Particulars	2022~2023	2021~2022
1 at ticutat 8	Non Plan	Non Plan
a) Buildings	2,11,320	89,260
b) Furniture & Fixtures	~	~
c) Plant & Machinery	~	~
d) Office Equipments	~	~
e) Computers	1,84,222	~
f) Laboratory & Scientific equipment	~	~
g) Audio Visual equipment	~	~
h) Cleaning Material & Services	~	~
i) Book Binding Charges	~	~
j) Gardening	~	~
k) Estate Maintenance	~	~
1) Others (Specify)		~
AMC		
Total	3,95,542	89,260

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY-TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

Sd/~

Indian Institute of Information Technology, Tiruchirappalli-620 012 SCHEDULE 20: FINANCE COSTS

Particulars	2022~2023	2021~2022
i ai iicuiai s	Non Plan	Non Plan
a) Bank Charges	2,012	2,596
b) Others (Specify)	~	~
Total	2.012	2 500
Total	2,012	2,596

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY - TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

Sd/~

SCHEDULE 21: OTHER EXPENSES

	2022~2023	2021~2022
Particulars	Non Plan	Non Plan
a) Provision for Bad and Doubtful Debts / Advances	~	~
b) Irrecoverable Balances Written - Off	~	~
c) Grants/Subsidies to other institutions/organizations	~	~
d) Others (Excess provision made for receivable from AICTE written-off)	~	~
Total	~	~

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY - TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

Sd/- Sd/-

SCHEDULE 22: PRIOR PERIOD EXPENSES

Particulars	2022~2023	2021-2022
T. W. Monato	Non Plan	Non Plan
1. Establishment Expenses		12,336
2. Academic Expenses	1,06,200	~
3. Administrative Expenses		10,957
4. Transportation Expenses	~	~
5. Repairs & Maintenance	~	~
6. Other Expenses	~	~
Total	1,06,200	23,293

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

REGISTRAR (i/c) DIRECTOR

Sd/- Sd/-

Indian Institute of Information Technology, Tiruchirappalli~620 012 Receipts and Payments Accounts for the Period/Year Ended 31.03.2022

Receipts Opening Balance a) Cash Balance	2022-2023	Payments Payments	2022-2023
a) Cash Balance	1	I. Expenses	
1.) D1- D-1	106	a) Establishment Expenses	31,582,919
b) Bank Balance		b) Academic Expenses	10,407,253
i. In current accounts	10,000	c) Administrative Expenses	16,598,500
ii. In deposit accounts	297,995,426	d) Transportation Expenses	1,097,215
iii. Savings accounts	24,180,449	e) Repairs & Maintenance	39,500
iii. Savings accounts	21,100,119	f) Prior Period Expenses	106,200
		g) Share of Corpus transferred to Corpus	100,200
		Fund	
I. Grants Received		Tund	
a) From Govt of India			
a) From Gove of mala		II. Payments Against Earmarked/	
b) From State Government		Endowment Funds	
C) From other Sources			
C) I folli outer sources		III Payments Against Spansored	
II A andomia Danainta	62 057 760	III.Payments Against Sponsored	1 05 4 0 0 4
II. Academic Receipts	62,857,760	Projects/Schemes	1,854,804
V. Receipts Against Earmarked/		IV. Payment against Sponsored	
		Fellowships/Scholarships	
Endowment Funds		renowships/scholarships	
7. Receipts Against Sponsored	4,069,199	V. Investments and Deposits made	
Projects/Schemes		_	
		a)Out of Earmarked/	
		Endowments Funds	
		b) Out of own funds (others)	
I. Receipts against Sponsored		VI. Term Deposits with Scheduled Banks	
Fellowships/Scholarships		_	
/II. Income Investments From		VII. Expenditure on fixed Assets and	
		capital works-in Progress	
a) Earmarked/Endowment funds		a) Fixed Assets	22,390,069
b) Other Investments		b) Capital Works-in Progress	87,333,807
/III. nterest Received on			
a) Bank Deposits	7,138,440		
b) Loans and Advances			
C) Savings Bank Accounts	1,564,443		
X. Other Receipts & Deposits	3,496,300		
K. Investments encashed		IX Refunds of Grants	
II. Term Deposits with Scheduled			
Banks encashed		X. Deposits and Advances	
		VI Other December C. J. C. 19	
XII. her Income(Inc. Prior period income)		XI. Other Payments Sundry Creditors	6,542,180
III. eposits and advances		XII. Closing Balances	3,5 12,100
IV. Miscellaneous Receipts including		_	100
Statutory Receipts-Sundry Debtors		a) Cash in hand	106
KV. Any Other Receipts -		b) Bank Balances	
tro my omer recorpts -		in Current Accounts	10,000
		in Savings Accounts	43,695,607
		in Deposit Accounts	180,000,000
	401,657,887	Total	401,657,887

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY - TIRUCHIRAPPALLI REGISTRAR (i/c) DIRECTOR

Sd/-

Sd/-

DR. G. SEETHARAMAN

Prof. N.V.S.N SARMA

NPS Account

Receipts and Payments account for the Financial year 2022-2023

Receipts	Amount	Payments	Amount
Opening balance as on 01.04.2022	356,481	356,481 Investment	į
Own Contribution	1,838,027	1,838,027 Withdrawal/ refund to NSDL	4,385,405
University Contribution	2,573,232	2,573,232 Closing balance as on 31.03.2022	382,335
Interest received on Investment	ł		
Interest on Saving bank account	ł		
Investment Encashed	ł		
Total	4,767,740	Total	4,767,740

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -TIRUCHIRAPPALLI

DIRECTOR	
REGISTRAR (i/c)	

Sd/-

Sd/-

Schedule: 23

Significant Accounting Policies

1. Basis for preparation of accounts

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

2. Revenue Recognition

- 2.1 Fees from students including tuition fee are accounted consistently on accrual basis.
- 2.2 Sale of admission forms/tender forms are accounted on receipt basis.
- 2.3 Interest on savings bank account and fixed deposits are accounted on accrual basis.

3. Fixed Assets and Depreciation

- 3.1 The Government of Tamil Nadu had provided land during the year 2018 for the formation of the Institute to an extent of 56.37 acres. The value fixed by the State P.W.D at its inception was Rs.19.63 Lakhs. The same value is exhibited in the accounts.
- 3.2 Fixed assets are stated at cost of acquisition including inward freight, duties and incidental and direct expenses related to acquisition, installation and commissioning.
- 3.3 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	Sewage & Drainage	2%
7	Electrical Installation and Equipment	5%
8	Plant & Machinery	5%
9	Scientific & Laboratory Equipment	8%
10	Office Equipment	7.50%
11	Audio Visual Equipment	7.50%
12	Computers & Peripherals	20%
13	Furniture, Fixtures and Fittings	7.50%
14	Vehicles	10%
15	Lib. Books & Scientific Journals	10%
16	Sports Kit	100%

Intangible Assets (amortization):

1	E-Journals	40%
2	Computer Software	40%
3	Patents and Copyrights	9 Years

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

4. Stock

The institute is booking expenditure on spare parts, laboratory, consumables and other stores on cash basis as and when purchased and hence no closing stock for the same shown in the Balance Sheet.

5. Government Grants

Government Grants are accounted on realization basis.

To the extent utilized toward s 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.

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLOGY - TIRUCHIRAPPALLI

REGISTRAR (I/C)	DIRECTOR	
Sd/-	Sd/-	
Dr G SEETHARAMAN	Prof NVSN SARMA	

Schedule 24: Notes on Accounts Statement year ended 31.03.2021

- a) Contingent Liabilities: Nil.
- b) Expenditure in Foreign Currency: Nil.
- c) Current Assets, Loans, Advances and Deposits.
 - x Fixed Deposits amounting to Rs.18,00,00,000/- (Rs. Eighteen Crores only) Deposits with SBI NIT Branch.
 - x The details of balances in Savings Bank Accounts, Current Accounts with Banks are enclosed as annexure to Schedule 7 of Schedules forming part of Balance Sheet.
- d) The capital cost of the project as per MOU with details of partners, amount contributed by them so far and the balance amount to be contributed by each one of them are as follows:

S. No.	Name of the Contributor	Amount to be contributed	Amount Received	Balance to be received
	(In Crores of Rupees)			
1	Government of India	64.00	64.00	-
2	Government of Tamil Nadu	44.80	44.80	-
3	Industry Partners	19.20	16.00	3.20
	Total Capital Cost	128.00	124.80	3.20

d) The revenue grants as per MOU with details of amount contributed so far and the balance amount to be contributed are as follows:

S. No.	Name of the Contributor	Amount to be contributed	Amount Received	Balance to be received
(In Crores of Rupees)				
1	Government of India	10.00	10.00	
	Total	10.00	10.00	_

e) The Sponsored Project Accounts includes Rs. 5,01,000/- of amount purchased for DST-SERB Project equipment.

f) The amount transferred from Designated / Earmarked funds (Schedule 2) to Capital Fund (Schedule 1)

FY - 2021-22

Particulars	Amount
Opening balance of the Earmarked Fund	29,25,04,524
Income from Investment made of the	80,93,852
Fund	
Other addition	39,90,00,000

g) Previous year figures

Previous year's figures have been regrouped or rearranged wherever necessary to confirm to this year's classification.

h) Round Off: Figures have been rounded off to the nearest rupee.

AS PER MY REPORT OF EVEN DATE ATTACHED

FOR INDIAN INSTITUTE OF INFORMATION TECHNOLO GY-TIRUCHIRAPPALLI

REGISTRAR (I/C)
Sd/Dr. G. SEETHARAMAN

DIRECTOR
Sd/Prof. N.V.S.N. SARMA



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



No. PDA(C)/CE/II/28-85/23-24/69

Date: 31.10.2023

To

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

Sir,

Sub: Separate Audit Report on the accounts of the Indian Institute of Information Technology, Tiruchirappalli for the year 2022-23.

I forward herewith the Separate Audit Report on the accounts of Indian Institute of Information Technology, Tiruchirappalli for the year 2022-23 along with the statement of accounts. The dates of presentation of the accounts with Separate Audit Report to Parliament may kindly be intimated to this office.

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

Yours faithfully,

Encl: As above.

Director(Central Expenditure)

लेखापरीक्षा भवन, 361, अण्णा सालै, तेनामपेट, चेन्नै - 600 018.



Phone: 91-044 - 2431 6406, Fax: 91-044 - 24338924, E.mail: dgacchennai@cag.gov.in

Copy of the Separate Audit Report of the Indian Institute of Information Technology, Tiruchirappalli for the year 2022-23 is forwarded to Director, Indian Institute of Information Technology, Tiruchirappalli. It is requested to furnish one copy of the Hindi /English version of the Audit Report and 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 years 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)

Sormos

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of Indian Institute of Information Technology (IIIT), Tiruchirappalli for the year ended 31st March 2023.

We have audited the attached Balance Sheets of Indian Institute of Information Technology, Tiruchirappalli as at 31 March 2023 and the Income & Expenditure Accounts/Receipts & Payments Accounts 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 28(3) of the IIIT Act. 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 and 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 Reports/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 misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. 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 and Income & Expenditure Account/Receipts & 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 Indian Institute of Information Technology, Tiruchirappalli as required under Section 28 of IIIT Act in so far as it appears from our examination of such books.

iv. We further report that

A. Balance Sheet

Capital Fund (Schedule-1) - ₹141.39 crore.

Various Buildings / Boundary wall / entrance structure construction work and gifted asset worth ₹129.22 crore have been completed and put into use during last and current year but not exhibited under Fixed Assets. This has resulted in understatement of Fixed assets by ₹129.22 crore with consequent understatement of Capital Fund by ₹16.14 crore and overstatement of Capital work in progress by ₹113.08 crore besides non-provision of depreciation.

B. General

i) Deposits with CPWD (Schedule – 8) - ₹1.58 crore

As per Form 65 furnished by CPWD, the deposit with CPWD was shown as ₹1.58 crore whereas the schedule of Loans & Advances indicated the deposit with CPWD as ₹7.40 lakh. The difference needs to be reconciled.

ii) The provision for Retirement benefits has not been made as per Actuarial Valuation as required under Accounting Standards-15 issued by ICAI.

C. Grants in Aid

Out of the grants-in-aid being unspent balance of ₹51.24 of the previous year, the Institute utilised the entire sum of ₹51.24 crore, leaving a NIL balance as unutilized grant as on 31 March 2023.

D. Effect of Revision in Accounts

The accounts of the Institute were revised based on audit comments because of which, the Assets/Liabilities were decreased by ≥ 0.34 crore and deficit became surplus by ≥ 0.93 crore.

E. Management Letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of Indian Institute of Information 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 & 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 explanation 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:

- In so far as it relates to the Balance Sheet, of the state of affairs of Indian Institute of Information Technology, Tiruchirappalli as at 31st March 2023: and
- 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: 30 .10.2023

Principal Director of Audit (Central), Chennai

Annexure

1. Adequacy of Internal Audit System

Internal audit was not conducted by the Ministry since inception although the internal audit was conducted by a Chartered Accountant Firm

2. Adequacy of Internal Control System

Internal control system is not adequate to the extent of non-capitalisation of fixed assets put to use.

- 3. System of Physical verification of fixed assets
 - Physical verification of fixed assets was conducted for the year 2022-23.
- 4. System of Physical Verification of Inventory.
 - Physical verification of inventory was conducted for the year 2022-23.
- 5. Regularity in payment of statutory dues.

The Institute is regular in payment of Statutory Dues.

Director (Central Expenditure)

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प्रधान निदेशक लेखापरीक्षा (केंद्रीय) चेन्नै लेखापरीक्षा भवन 361, अण्णा सालै, तेनामपेट, चेन्नै - 600 018.

PRINCIPAL DIRECTOR OF AUDIT (CENTRAL)

Chennai "LEKHA PARIKSHA BHAVAN" 361, Anna Salai, Teynampet, Chennai - 600 018.

अ. स. नं. / D.O. NBDA(C)/CE/II/28-85/23-24/ 30 .10.2023 दिनांक / Date :

Dear Sir,

Please refer to the Separate Audit Report on the audit of annual accounts of the Indian Institute of Information Technology, Tiruchirappalli for the year 2022-23 issued on __.10.2023. I wish to bring the following deviations, noticed in accounting practices, to your notice for remedial action.

1. The interest earned on the project should be credited to project in schedule-3A and not accounted as income which resulted in overstatement of interest income.

Lette regards Yours sincerely,

Dr. Narasimha Sarma N V S, Director, Indian Institute of Information Technology, Tiruchirapalli, Sethurapatti, Trichy-Madurai Highway, Tiruchirapalli, Tamil Nadu - 620012

दूरभाष / Phone: 044-2431 6400

फैक्स / Fax : 044 - 2433 8924

तार / E-mail : dgacchennai@cag.gov.in