



**National Institute of Technology
Tiruchirappalli**

Institute Day 2018

17th April 2018



A Report on Achievements

**NATIONAL INSTITUTE OF TECHNOLOGY:
TIRUCHIRAPPALLI**

Tamil Nadu - 620 015

The National Institute of Technology, Tiruchirappalli has distinguished itself on the national scene this year by being ranked first among the 31 NITs (third year in a row) and Eleventh among all the technical institutes in the country by the National Institute Ranking framework (NIRF) of the Government of India. Established as the Regional Engineering College (REC) in 1964, the salubrious campus became NIT, Tiruchirappalli in 2007 and is an Autonomous Institution under MHRD, Government of India. The President of India is the visitor of the Institute.

NIT, Tiruchirappalli follows credit-based academic programmes with flexible curricula, minor specializations, flipped class rooms and new evaluation models. The Institute has won the prestigious CII-AICTE best industry linked institute, National level awards from FICCI for social responsibility and University of the year 2017 (above 30 years) and from ASSOCHAM for the best institute to use ICT tools in education. NIT, Tiruchirappalli has been declared the Best Innovation Club at the Festival of Innovation and Entrepreneurship (FINE) held at Rashtrapathi Bhawan in March 2018, by the President of India. The institute also received High Impact Entrepreneurship Campus Award jointly awarded by the Ministry of Skills Development and Entrepreneurship.

NIT, Tiruchirappalli has forged links with peer universities and institutes, both at the national as well as international levels, to enhance research and enrich its academic programmes. The alumni have distinguished themselves through their achievements in and contributions to the domains of industry, academics, research, business, and governance. The institute continues to work closely with the alumni to enhance its activities through interactions in academic and research programmes as well as to mobilise financial support. The Institute has 17 Academic departments and runs 10 UG Programmes, 27 Masters Programme, MS by Research and Ph.D. Programmes in major fields of Engineering, Sciences, Humanities and Management.

UNDERGRADUATE PROGRAMMES

A. Bachelor of Technology (8 Semesters)

1. Chemical Engineering
2. Civil Engineering
3. Computer Science and Engineering
4. Electrical and Electronics Engineering
5. Electronics and Communication Engineering

6. Instrumentation and Control Engineering
7. Mechanical Engineering
8. Metallurgical and Materials Engineering
9. Production Engineering

B. Bachelor of Architecture (10 Semesters)

1. Architecture

II. POSTGRADUATE PROGRAMMES

A. Master of Technology (4 Semesters)

1. Energy Engineering
2. Chemical Engineering
3. Process Control and Instrumentation
4. Transportation Engineering and Management
5. Construction Technology and Management
6. Structural Engineering
7. Environmental Engineering
8. Computer Science and Engineering
9. Power Electronics
10. Power Systems
11. Communication Systems
12. VLSI System
13. Industrial Safety Engineering
14. Thermal Power Engineering
15. Material science and Engineering
16. Industrial metallurgy
17. Welding Engineering
18. Industrial Engineering and Management
19. Manufacturing Technology
20. Non-Destructive Testing
21. Data Analytics

B. Master of Architecture (4 Semesters)

1. Energy Efficient and Sustainable Architecture

A. Master of Science (4 Semesters)

1. Computer Science
2. Chemistry
3. Physics

B. Master of Business Administration (6 Trimesters)

C. Master of Computer Applications (6 Semesters)

III. Master of Science (By Research)

All Engineering Departments

IV. Doctor of Philosophy

All Departments

Vision

To provide valuable resources for industry and society through excellence in technical education and research.

Mission

- To offer state-of-the-art undergraduate, postgraduate and doctoral programmes.
- To generate new knowledge by engaging in cutting-edge research.
- To undertake collaborative projects with academia and industries.
- To develop human intellectual capability to its fullest potential.

Director's Message

Institute Day 2018



Let me begin by congratulating the faculty, students and staff of NIT, Trichy for their laudable accomplishments in the academic year 2017-18.

NIT, Trichy is what Stephen Covey would call “An empowered organization in which individuals have the knowledge, skill, desire, and opportunity to personally succeed in a way that leads to collective organizational success”. I also take pride in announcing that we have retained, for the third consecutive year, the 1st position among 31 NITs as well as the 11th position among all the Engineering Institutions across the country: A stellar feat indeed. We have also climbed three notches to the 31st position, in the overall NIRF- 2018 ranking.

We faced fierce competition from several institutions for the NIRF ranking. We missed the 9th and 10th positions by a whisker this year. I do concur with Peter Drucker that, “Rank does not confer privilege or give power. It imposes responsibility”. However, we have to work to improve IPR creation, the peer and Industry perception, and many other parameters in order to climb up the ranking ladder towards newer heights. These are our priorities and we will, with hard work and whole-hearted effort, achieve them. I believe we can break into the top 500 league in the International Rankings. Our Mechanical and Manufacturing Engineering was ranked 351-400 in the Quacquarelli Symonds (QS) world rankings 2018. Let us sharpen our pencils and get back to our drawing boards to analyze the results carefully. Let us listen to our stakeholders and take their feedback in order to retain, if not, improve our position and, in good time, break into the top 10.

The crowning glory this academic year was the President of India declaring NIT, Trichy the Best Innovation Club at the Festival of Innovation and Entrepreneurship (FINE) held at Rashtrapathi Bhawan in March 2018. Besides, our Institute won the “University of the Year 2017 (above 30 years) in the FICCI Higher Education Summit 2017.

The Executive Chairman of Starbucks, Howard Shultz’s recipe for success is worth a thought: “When you are surrounded by people who share a passionate commitment around a common purpose, anything is possible”. Proof of this statement is that we have improved our publication index this year with 687 Scopus and 553 Web of Science publications. I applaud the students and faculty members for their commendable efforts in their areas of specialization. Further, we have procured various sponsored projects from FIST, DST-INSPIRE, CSIR. with a total funding of 10.31 crores. We have filed 27 Patents during this academic year; the noteworthy spike in our performance graph deserves a special mention on this occasion. I gratefully recognize Dr. S. Muthukumar from the Department of Metallurgy for spearheading this initiative. This academic year we also framed an IPR policy. Let us harness the power in our collective passion to excel as well as the clear purpose that beckons us to exceed ourselves.

I am happy to share with all NITT-ians the unique and historic moment when we decorated our alumnus, N. Chandrasekaran, Chairman, Tata Sons, with *Honoris Causa* (Doctor of Letters) during the 13th Convocation held in August 2017 in the presence of Padmabhushan N. R. Narayanamoorthy who was our Chief Guest.

After a hiatus of 10 long years, we initiated a massive recruitment of faculty members. I was indeed moved by the patience and tolerance of the teachers who were awaiting their promotions for almost 6-10 years. I congratulate the fraternity of 131 promoted faculty members as well as the 48 newly recruited faculty members on this occasion. We also recruited 8 Senior Officers in the Administration in 2017.

I am delighted to share the establishment of the 'Centre of Dynamic Excellence [CoDE] in Manufacturing'. It hosts ten state-of-the-art laboratories, which will become operational from May this year. This is a perfect example of Industry-Institute Interaction, where Siemens Industry Software has invested around 170 crores of Rupees. The centre is intended to improve innovation and research in this area and increase the job prospects of Engineering graduates.

Remembering Stephen Covey again, "The Key is not to prioritize what's on your schedule, but to schedule your priorities". NIT-T is one among the few institutions which have signed an MoU with the National Academic Depository (NAD) launched by the Government of India. In addition, we have inaugurated the office of International Relations (OIR) to expand the institute's footprint on a global scale; we also signed an MoU with Wayne State University, USA.

Our Students have won many medals and trophies in inter-collegiate sports events at IIT-Kanpur, NIT-Agartala, NIT-Warangal, NIT-Kurukshetra and many other venues. Our technical fest, PRAGYAN, had an array of distinguished speakers and technical displays, including a Human Library and many other innovative programs.

Since the previous year, we have been acknowledging the contribution of Faculty in the categories: Publications, Projects and Consultancy. This year, we have expanded the field to include Citations and Patents. Even as I congratulate all the achievers, let me urge the other faculty to work harder and walk triumphantly to this very stage next year.

I congratulate everyone for their remarkable performance in the academic year 2017-18. The great British dramatist, Bernard Shaw sagely stated that "We are made wise not by the recollection of our past, but by the responsibility for our future". We need to shoulder more responsibilities and improve the standards in terms of creating innovation, incubation centres, research parks, centres of excellence with industry support, increasing PhD output, enhancing public visibility and perception as well as ranking. Let us all join hands in a united effort in the interest of our institution.

I thank the Deans, Registrar, Heads of the Departments, Staff and each and every student of this Institute for all the unceasing support and an unbounded cooperation I received last year. Let me urge you, as I did last year in my Institute Day address, that we need to put the 'Institute first' in all our endeavours. With the much-awaited promotions for Faculty there is a new buoyancy and with new blood joining there is a new momentum on campus. The non-teaching promotions and recruitments are on the anvil and with the Institute retaining the ranking position this year, we look forward to a challenging, and at the same time, a very promising year ahead!

Jai Hind!

Dr. Mini Shaji Thomas

Director

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INSTITUTE ADMINISTRATION

Director	Dr. Mini Shaji Thomas
Dean (Faculty Welfare)	Dr. T. K. Radhakrishnan
Dean (Academic)	Dr. C. Nagamani
Dean (Students Welfare) & Dean (Institute Development)	Dr. Samson Mathew
Dean (Planning and Development)	Dr. C. Natarajan
Dean (Research and Consultancy)	Dr. M. Umapathy
Registrar	Shri. A. Palanivel
HOD / Architecture	Dr. A. Meenatchi Sundaram
HOD / Chemical Engineering	Dr. P. Sivashanmugam
HOD / Chemistry	Dr. S. Anandan
HOD / Civil Engineering	Dr. K. Baskar
HOD / Computer Applications	Dr. S. R. Balasundaram
HOD / Computer Science and Engineering	Dr. R. Leela Velusamy
HOD / Electronics and Communication Engineering	Dr. G. Lakshmi Narayanan
HOD / Electrical and Electronics Engineering	Dr. S. Sudha
HOD / Energy and Environment	Dr. N. Anantharaman
HOD / Humanities and Social Sciences	Dr. R. Joseph Ponniah
HOD / Instrumentation and Control Engineering	Dr. B. Vasuki
HOD / Management Studies	Dr. B. Senthil Arasu
HOD / Mathematics	Dr. P. Saikrishnan
HOD / Mechanical Engineering	Dr. S. P. Sivapirakasam
HOD / Metallurgical and Materials Engineering	Dr. V. Muthupandi
HOD / Physics	Dr. J. Hemalatha
HOD / Production Engineering	Dr. P. Sathiya
Head / Training Placement	Dr. A. K. Bakthavatsalam
Head / Computer Support Group	Dr. Ramakalyan Ayyagiri
Associate Dean (Faculty Welfare)	Dr. V. Senthilkumar
Associate Dean (Faculty Welfare)	Dr. A. Arunagiri
Associate Dean (Academic / UG)	Dr. T. Ramesh
Associate Dean (Academic / PG)	Dr. V. Arul Mozhi Selvan
Associate Dean (Academic / MS & Ph.D.)	Dr. R. Karvembu
Associate Dean (Academic)	Dr. R. Gandhimathi
Associate Dean(Students Welfare)	Dr. P. Sridevi
Associate Dean(Students Welfare)	Dr. M. Venkata Kirthiga
Associate Dean (Students Welfare)	Dr. S. Jerome
Associate Dean (Students Welfare)	Dr. M. Arivazhagan
Associate Dean (Planning and Development)	Dr. P. Gopalakrishnan
Associate Dean (Planning and Development)	Dr. S. Senthilkumar
Associate Dean (Planning and Development)	Dr. S. Prasanna Venkatesan
Associate Dean (Institute Development)	Dr. P. Parthiban
Associate Dean (Research and Consultancy)	Dr. M. Jaya Bharatha Reddy
Associate Dean (Research and Consultancy)	Dr. R. Nagalakshmi
Nodal Officer (SC, ST, OBC, PwD and Minorities)	Dr. M. Punniyamoorthy
Chief Vigilance Officer	Dr. T. N. Janakiraman



A REPORT ON ACHIEVEMENTS

By

Dean (Academic)

Distinguished Chief Guest, Professor **Furqan Qamar**, Secretary General, Association of Indian Universities (AIU), **Dr. Mini Shaji Thomas**, Director, Deans, Heads of the Departments, Faculty members, Members of the Students' Council, students and alumni of NIT Trichy, Invited Guests, the Press and other media representatives.

A warm welcome to all

“If we did all the things we are capable of, we would astound ourselves”. One of the most prolific inventors in American history and, perhaps, in the whole of human history, Thomas Alva Edison, glorified the human capacity for creating thus. 2017-18 has been an incredible academic year when NIT, Trichy, in her 54-year history, pushed the horizons of creativity and achieved several landmarks: Coveted National Rankings (NIRF 2018), prestigious awards, Research Publications, Sponsored Projects, Placements, Consultancy Works, Cultural and Sports accomplishments. All the triumphal moments of this academic year confirm the relentless pursuit of excellence at NIT, Trichy which has cemented its prominent position in the domain of higher education through noteworthy achievements in academic, co-curricular, extra-curricular spheres, besides, social outreach.

A large number of students participated in campus placement interviews; the Department of Training and Placement registered the footfall of 228 companies. 93% of Undergraduate students and 73% of Postgraduate students have been placed in reputed companies with the highest salary of Rs.36 Lakhs per annum. Special training programs funded by TEQIP have been organized to enhance placements. The Training and Placement cell also conducted a 5-day residential Computer Training Program for 50 visually impaired students and teachers from Tiruchirappalli and the neighbouring districts.

The institute received funding worth Rs.46.2 lakhs for conducting 8 courses under the Global Initiative of Academic Networks, (GIAN). The teaching club of NIT-Trichy launched IGNITTE, the online Coaching classes for NEET and JEE aspirants. A new flagship program entitled 'Single Term Exchange Programs' (STEP) has been initiated by the academic office for UG and PG students. The Selected students can study for a semester or a year in a university abroad with the facility for credit transfer. The Centre for Entrepreneurship Development and Incubation (CEDI) has organized a workshop for the technology business incubation and seed-funding opportunities at MSME Development Institute, Guindy with the continued mission of promoting incubation of innovative business ideas.



The Department of Architecture swept the GSen, LIK and DesTech Trophies in the NASA convention 2018, which deserves a special mention. Dr. T. Srinivas from the department received a project grant of Rs.45 lakhs from DST to pursue research in collaboration with IIT-Delhi, IIT-Bombay and Heriot Watt University of the United Kingdom. Students of Architecture received the Ethos India Bridge Scholarship as well as the Meenakshi Sundaram Pillai Endowment award. Two scholars from the department have been awarded doctoral degrees.

Dr. P. Sivashanmugam from the department of Chemical Engineering received a grant of Rs.97 lakhs from DST under FIST 2017. Dr. G. Arthanareeswaran received the Hiyoshi Environmental Award and has also been selected for the UKEIRI project worth Rs.110 lakhs. The department has published 46 papers in SCI/SCIE journals and seven books & book chapters. Six scholars from the department have been awarded doctoral degree.

Dr. S. Anandan from the department of Chemistry received two projects worth Rs.136 Lakhs and the Best Achievers Award (2017). Dr. R. Karvembu has taken up a project worth Rs.30 Lakhs. Dr. S. Velmathi has been inducted as a member of the Royal Society of Chemistry. Further, Dr. S. Anandan et al. received a patent and have published 4 books this year. Scholars from the department have received the Dr. K. V. Rao Young Scientist Award, besides, other Fellowships and Projects. The faculty members and research scholars have published 68 research papers in SCI/SCIE journals. The faculty members have organized a symposium and a workshop and have produced six Ph.D. scholars in this academic year.

The faculty members of the department of Civil Engineering received sponsored projects from various agencies such as DST-SERB and BHEL. They recorded Consultancy services worth Rs.92.91 Lakhs. The students of the department interned at different foreign universities. They also received fellowships like the Indian Academy of Sciences Fellowship as well as the TU Delft Excellence Scholarships. The department also organized conferences, workshops and seminars in the year 2017-18. The department published 19 research papers in SCI&SCIE journals and 5 research papers in Scopus indexed journals. Besides, 5 Conference papers have been published in Scopus and 15 other conference papers. The department has produced two doctorates in this academic year.

The Department of Computer Applications has been accredited for 5 years (2017-2022) by the National Board of Accreditation (NBA). A new inter-disciplinary M. Tech. Programme on Data Analytics has been started by the department in association with the departments of CSE and Management Studies. Dr. S. Nickolas received a project grant of Rs.29 Lakhs. Dr. P. J. Alphonse received the best Researcher Award and Best Paper Award in 2017. Students have bagged summer internships in Microsoft, JP Morgan, KLA-tencor, and Sap Lab. The department has organized 2 symposia and 2 workshops. 17 papers in SCI/SCIE and



Scopus indexed journals have been published. Besides, one book and a book chapter have been published. 2 scholars from the department have received doctorate degrees this year.

Dr. M. Sridevi from the Department of Computer Science and Engineering, received the Best paper award. The Students won the 1st place in JARVIS, 'The Number Thinking' and 2nd place in OSPC (Onsite Programming Contest). Dr. Leela Velusamy and Dr. N. Ramasubramanian have filed for patents. Dr. M. Brindha and Dr. M. Sridevi received a grant of Rs.27.2 lakhs from DST. Dr. M. Brindha is in the investigating team for an inter-departmental research grant worth Rs.66 lakhs. The students of this department organized a technical symposium VORTEX, where workshops and guest lectures by experts from esteemed universities like Stanford and tech giants like Microsoft were arranged. 19 research papers in SCI/SCIE and Scopus indexed journals and one book have been published. Two scholars from the department have been awarded Ph.D. this year.

The department of Energy and Environment has organized 2 symposia and 2 Workshops. Dr. C. Nithya received the 'Women Scientist-A' award from DST, Govt. of India. She has also received a project grant worth Rs.31.5 lakhs. Dr. M. Premalatha and Dr. N. Anantharaman have been awarded two consultancy works for Rs.4.6 Lakhs. The Department established an NABL certified Calibration Laboratory in 2018 and has instituted the "Promotion of Energy Audit and Conservation of Energy" (PEACE) Scheme at various MSMEs in 7 neighbouring districts in association with Tamil Nadu Generation and Distribution Corporation (TANGEDCO).

Students from the Department of Electrical and Electronics Engineering have won the prestigious POSOCO 2018 Awards, Cargill Global Scholarship award 2017, and fellowships such as DAAD and MITACS from reputed organizations in India and abroad. An inter-departmental faculty team with Dr. G. Saravana Ilango, Dr. C. Nagamani and others have received a project grant of Rs.66 lakhs from the Central Mine Planning & Design Institute Limited (CMPDI). Dr. S. Moorthi and Dr. P. Raja received a project grant of Rs.23 lakhs from DST. Six scholars have been awarded Ph.D. this academic year. Three books, 25 research papers in SCI/SCIE and 7 papers in Scopus indexed journals were published.

Dr. S. Raghavan from the Department of Electronics and Communication Engineering has received the 'Idea Life Time Achievement Award, 2017' and Dr. S. Deivalakshmi has received the Best Presentation Award in ICSIP 2017 held at NTU, Singapore. The department has conducted 8 workshops. Dr. P. Muthu Chidambaranathan, Dr. G. Thavasi Raja and Dr. D. Sriram Kumar received project grants worth Rs.10.8 lakhs, and Rs.20.89 lakhs, respectively. 51 research papers in SCI/SCIE journals and 16 papers in Scopus were published and 3 doctorates have been produced by the department.



Dr. S. Mekala from the department of Humanities and Social Sciences published 2 books and conducted 4 workshops in collaboration with the Department of Management Studies and the Department of Instrumentation and Control Engineering. Dr. R. Joseph Ponniah and Dr. Sathyaraj Venkatesan have edited a book titled “The idea and Practice of Reading” published by Springer. Dr. R. Murugesan conducted a GIAN course on the “Current Global Economic Policies: Issues and Analysis in Indian Context.” One of the scholars in the department has received the Jawaharlal Nehru Scholarship for Doctoral Studies. 14 research papers have been published in International journals and 3 scholars have been awarded doctoral degree this academic year.

Dr. M. Umapathy and Dr. G. Uma from the department of Instrumentation and Control Engineering have bagged Consultancy work for Rs.24.91 Lakhs from DRDO. Dr. K. Srinivasan et al. have received an inter-departmental project worth Rs.66 Lakhs. Dr. N. Sivakumaran has been bestowed with the Young Faculty Research Fellow, 2018 award and Dr. K. Dhanalakshmi has secured the Bharath Vikas Award from the Institute of Self-Reliance, Bhubaneswar. Mr. Venkatesh Venkataraman, a 3rd year B.Tech. student received the Global Link Research Internship Award. The department organized 2 seminars and 3 workshops this academic year. 14 Research papers have been published in reputed International Journals and 3 Ph.D. scholars have been awarded doctoral degree.

Students from the Department of Management studies have won the 1st prize in Eunoia, a B-plan Competition, Blitzkrieg-Business quiz, VISHISHT, and the 2nd prize in the Head-hunt Best Marketing team, and Arcarius-The Finance Game. The faculty members of the department have organized 11 Workshops and one symposium this academic year. Dr. G. Kannabiran conducted 2 MDPs and 3 workshops this academic year. 5 research papers in SCIE/ ESCI journals and 12 research papers in Scopus indexed journals besides a book have been published. 3 Ph.D. scholars from this department were awarded doctoral degrees.

Mr. Jeevaraj S, a student from the Department of Mathematics, has secured the CSIR- Senior Research Fellowship. 15 Research articles in SCI/SCIE, and 5 Research papers in Scopus Indexed Journals have been published and 7 Doctorates have been produced.

The Department of Mechanical Engineering has established the Mechanical Innovation Centre (MIC). Dr. S. P. Sivapirakasam has received two projects worth Rs.28 Lakhs and Dr. S. Suresh has been awarded research projects worth Rs.31 lakhs. Dr. R. Anand has been recognized with the awards of Outstanding Scientist in Mechanical Engineering, the Venus International Research VIRA 2017 Award and Dr. Radhakrishnan Excellence Award, 2017. Dr. V. Arul Mozhi Selvan received the Distinguished Alumni Award, 2017 from his alma mater. Students of the department have secured prestigious internships. The department has organized a symposium and 9 workshops. 33 papers in SCI/ SCIE journals and 5 research



papers in Scopus indexed journals have been published and 3 scholars have been awarded doctoral degrees this academic year.

Dr. S. Manivannan from the Department of Physics received the Tamil Nadu Young Scientist Award for the year 2016 in the Discipline of Physical Science on 23-2-18 from the Science city; he also received the “Outstanding Faculty in Science” award for his contribution and achievement in the field of Materials Science. Dr. N. V. Giridharan, Dr. S. Manivannan, and Dr. R. Nagalakshmi have obtained two research projects worth Rs.126.44 lakhs. The students of the Department have received Best Poster Award as well as the Stipendium Hungaricum Fellowship. 60 Research papers in SCI/SCIE journals and 11 Research papers in Scopus have been published and 6 doctorates have been produced.

The Department of Production Engineering organized 3 International Conferences during 2017-2018. Dr. S. Prasanna Venkatesan received the best paper award. Dr. P. Parthiban, Ms. R. Dhanalakshmi and Mr. P. Gopal have filed two patents. The faculty members of the department have organized workshops and guest lectures. Faculty members along with the Scholars of the department have published 40 research papers in SCI/SCIE and 12 in Scopus apart from books and book chapters. 9 scholars from this department were awarded Ph.D. degrees.

Prof. T. Srinivasa Rao from the Department of Metallurgical and Materials Engineering has been conferred the Dr. G. V. Memorial Lecture Award 2017 by IIM Tiruchirappalli. Dr. K. Sivaprasad received the best technical paper award in the conference ICKEM2018 held in Osaka, Japan. Dr. S. Muthukumaran filed three patents and Dr. S. Jerome filed one patent. The department has been sanctioned 4 funded projects. Dr. N. Ramesh Babu received an Indo-Russia joint research fund and also received funding from DST-SERB and DRDO. More than 45 research papers have been published in SCI/SCIE and 10 articles in Scopus indexed journals. 5 PhD scholars from the department have been awarded doctoral degrees.

Dr. G. Thamaraiselvi, from the Central Library of the Institute has received the Venus International Research VIRA 2017 International Research/Lifetime Achievement Award and Academic Brilliance Award. The Central Library conducted 9 Workshops and arranged guest lectures in the academic year 2017-18.

The research and consultancy wing of the institute has signed various MoUs, MoAs, cooperation as well as twinning agreements with the University of Michigan (USA), “TEQIP-III” (India), Dr. B. R. Ambedkar Institute of Technology, Port Blair, National Research Centre for Banana (ICAR), Tiruchirappalli, Indira Gandhi Centre for Atomic Research (IGCAR), and TryCAE industrial Engineering Pvt. Ltd., Trichy. A number of sponsored projects have been funded by organizations like UGC, ISRO-RESPOND, SERB, DST-INSPIRE, and CSIR.



A total of Rs.7 crores has been sanctioned under TEQIP-III Project to NIT-Trichy for Equipment and Laboratory modernization, training of faculty and staff, student learning, Institute reforms, Operating cost and so on. TEQIP-III has sponsored a six-day workshop on “Capacity Building of Women Managers in Higher Education.”

Festember’17, NIT Trichy’s signature cultural festival, has been redolent with the flavours of the east and the south-east Asian Countries. The theme of ‘The Orient’ enchanted everyone. Various events, workshops and lectures by distinguished guests enthralled everyone during three-day gala.

PRAGYAN ’18, NIT, Trichy’s ISO-certified technology festival witnessed the largest human library in association with Human Library Hyderabad. It provided a unique opportunity to the students to have a meaningful conversation with people who have challenged the stigmas of society through their lifestyle choices, beliefs and accomplishments.

NITTFEST ’18 was inaugurated by the filmmaker-producer Shri. Gautham Vasudev Menon. The cultural events were judged by exponents in the respective fields. The fiercely contested three-day festival has been a memorable event engaging most of the students, urging them to exhibit their talents in the literary, the performing and the fine arts.

Students of the Institute won a whopping 18 medals in the largest inter-collegiate sports festival at IIT Kanpur. They have also won the 1st Place in volleyball, Basketball, Tennis, Swimming, and other sports events in various sports meets. Students have also brought glory to the institute in Handball, Hockey and Kabbadi.

Ralph Marston, the famous author and publisher of The Daily Motivator, has said, **“Achievement does not require extraordinary ability. Achievement comes from ordinary abilities applied with extraordinary persistence”**. The spirit of this statement is evident in the resolve and the integrity which are the hallmarks of NIT, Trichy and which have propelled us to stupendous achievements. But there are bigger trials ahead. So, let us continue to embrace greater challenges and welcome opportunities even as we steadfastly build on our knowledge, sharpen our skills, enrich our experience in order to climb higher echelons as an institution of holistic learning with a societal commitment.

Jai Hind!

Dr. C. Nagamani
Dean (Academic)



A FEW ACCOLADES.....

- **India Rankings 2018 by NIRF- National Institutional Ranking Framework**

NIT Tiruchirappalli has been ranked first among all the NITs and 11th among all the technical institutes in the country by the NIRF 2018 ranking system, moving up 31st position from 34, pertaining to the overall ranking.

Dr. G. Kannabiran, Chairman & Dr. R. Jeyapaul, Convener of the Strategic Planning Group Co-ordinated to achieve the recognition.

- **QS Asia University Rankings 2018: Ranked as 23rd in India & 228th in Asia**

NIT Tiruchirappalli has been ranked 23rd among the institutions in India and 228th in Asia by QS Asia University Rankings 2018.

Dr. G. Kannabiran, Chairman & Dr. R. Jeyapaul, Convener of the Strategic Planning Group Co-ordinated to achieve the recognition.

- **The Federation of Indian Chambers of Commerce and Industry (FICCI) – University of the Year 2018 (more than 30 years)**

Dr. A. K. Bakthavatsalam coordinated to achieve this award.

- **Best Innovation Club: Festival of Innovation and Entrepreneurship (FINE) 2017, Rastrapathi Bhawan, New Delhi**

Dr. A. K. Bakthavatsalam, Daksh Kanther, Student President, anand Asokan and S. Rajaraman representing the technical clubs of NIT Tiruchirappalli co-ordinated to achieve this award.

- **QS Rankings Subject-wise: Engineering: Mechanical & Manufacturing (Departments of Mechanical & Production) featured in the 351-400 rank in the world**

Faculty and Students of the Departments of Mechanical & Production Engineering contributed to achieve this recognition

- **Industry-Institute Interaction:** The Institute signed an MOA with Siemens and is setting up the 190 Crore Centre of Excellence in Manufacturing with 90% funding from Siemens.

Dr. M. Duraiselvam coordinated this interaction.

**ACHIEVEMENTS BY FACULTY****a. Top Three Contributors in terms of number of Research Publications (Department wise) in 2017* (Threshold: 3 Publications in Web of Science)**

S. No.	Department	Faculty	No. of Publications in 2017
1.	Chemical Engineering	Dr. G. Arthanareeswaran	8
		Dr. M. Matheswaran	7
		Dr. K. M. Meera S. Begum	6
2.	Chemistry	Dr. S. Anandan	25
		Dr. R. Karvembu	15
		Dr. S. Velmathi	12
3.	Civil Engineering	Dr. R. Gandhimathi	5
		Dr. C. Natarajan	5
		Dr. S. T. Ramesh	4
4.	Computer Applications	Dr. P. J. A. Alphonse	3
5.	Computer Science and Engineering	Dr. N. Ramasubramanian	3
6.	Energy and Environment	Dr. M. Premalatha	6
7.	Electrical and Electronics Engineering	Dr. C. Nagamani	6
		Dr. Sishaj P. Simon	6
		Dr. N. Ammasai Gounden	5
8.	Electronics and Communication Engineering	Dr. S. Raghavan	10
		Dr. B. Venkataramani	4
		Dr. P. Muthuchidambaramanathan	3
9.	Instrumentation and Control Engineering	Dr. M. Umapathy	8
		Dr. G. Uma	8
		Dr. N. Sivakumaran	3
10.	Mathematics	Dr. R. Ponalagusamy	8
11.	Mechanical Engineering	Dr. S. Suresh	10
		Dr. T. Ramesh	4
		Dr. K. Sankaranarayananasamy	4
		Dr. N. Siva Shanmugam	4
12.	Metallurgical and Materials Engineering	Dr. V. Muthupandi	10
		Dr. K. Sivaprasad	9
		Dr. S. Natarajan	8
13.	Physics	Dr. B. Karthikeyan	9
		Dr. A. Chandra Bose	6
		Dr. M. C. Santhosh Kumar	6
14.	Production Engineering	Dr. M. Duraiselvam	10
		Dr. S. Vinodh	9
		Dr. P. Sathiya	8

* Source: Web of Science



b. Top Contributors in terms of number of Research Citations (Department wise) in 2017* (Threshold: 15 Citations)

S. No.	Department	Faculty	No. of Citations in 2017
1.	Chemical Engineering	Dr. G. Arthanareeswaran	146
2.	Chemistry	Dr. S. Anandan	549
3.	Civil Engineering	Dr. R. Gandhimathi	206
4.	Computer Science and Engineering	Dr. S. Selvakumar	27
5.	Energy and Environment	Dr. M. Premalatha	55
6.	Electrical and Electronics Engineering	Dr. K. Sundareswaran	151
7.	Electronics and Communication Engineering	Dr. D. Sriram kumar	48
8.	Instrumentation and Control Engineering	Dr. M. Umapathy	57
9.	Mathematics	Dr. R. Ponalagusamy	61
10.	Mechanical Engineering	Dr. S. Suresh	390
11.	Metallurgical and Materials Engineering	Dr. K. Sivaprasad	159
12.	Physics	Dr. A. Chandra Bose	328
13.	Production Engineering	Dr. R. Narayanasamy	302

* Source: Web of Science

c. Top Three Sponsored Research Projects in terms of the amount sanctioned (Department Wise) during 2017-2018 (Threshold: 5 Lakhs)

S. No.	Department	Principal Investigator	Funding Agency	Amount (Lakhs)
1.	Architecture	Dr. T. Srinivas	DST-TMD	45.39
2.	Chemical Engineering	Dr. M. Perumalsamy	DBT	21.00
3.	Chemistry	Dr. S. Anandan Co-PI Dr. N. Basakaran	DST-NANO	79.46
		Dr. R. Karvembu	SERB-EMR	30.88
4.	Computer Applications	Dr. S. Nickolas	DST-ICPS	29.26
5.	Computer Science and Engineering	Dr. M. Brindha Co-PI Dr. M. Sridevi Dr. G. Kannabiran	DST	27.20



6.	Electrical and Electronics Engineering	Dr. Saravana Ilango Co-PI Dr. C. Nagamani Dr. K. Srinivasan Dr. M. Brindha	CMPDI	65.99
		Dr. P. Srinivasarao Nayak	SERB-EEQ	28.46
		Dr. S. Moorthy	DST - SEED	20.08
7.	Electronics and Communication Engineering	Dr. G. Thavasi Raja Co-PI Dr. D. Sriram Kumar	SERB-EMR	20.89
		Dr. P. Muthuchidambaramanathan	DST-INT-ITALY	10.80
8.	Mechanical Engineering	Dr. S. Suresh	ISRO-RESPOND	31.03
		Dr. S. P. Sivapirakasam	SERB-EMR & IGCAR	17.07 10.96
9.	Metallurgical and Materials Engineering	Dr. N. Ramesh Babu	DRDO-ER&IPR DST-INT-RUS-RFBR	35.25 19.27
10.	Physics	Dr. N. V. Giridharan Co-PI Dr. S. Manivannan	DRDO-ER&IPR	99.38
		Dr. R. Nagalakshmi	SERB-EMR	27.06

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

d. Top Three Consultancy Projects in terms of the amount generated (Department Wise) during 2017-2018* (Threshold: 2 Lakhs)

S. No.	Department	Faculty
1.	Civil Engineering	Prof. R. Jayashankar
		Dr. K. Muthukkumaran
		Dr. C. Natarajan
2.	Energy and Environment	Dr. M. Premalatha & Dr. N. Anantharaman
3.	Instrumentation and Control Engineering	Dr. N. Sivakumaran Dr. T. K. Radhakrishnan Dr. G. Saravana Ilango
4.	Management Studies	Dr. G. Kannabiran
5.	Mechanical Engineering	Dr. K. Pannir Selvam
6.	Metallurgical and Materials Engineering	Dr. N. Ramesh Babu

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

**e. Contributors in terms of Patent Filing during 2017-2018**

S. No.	Department	Faculty	No. of Patents Filed
1.	Chemical Engineering	Dr. G. Arthanareeswaran	1
		Dr. T. K. Radhakrishnan	1
2.	Computer Science and Engineering	Dr. N. Ramasubramanian	1
		Dr. R. Leela Velusamy	1
3.	Electrical and Electronics Engineering	Dr. G. Saravana Ilango	1
		Dr. C. Nagamani	
		Dr. K. Srinivasan (IC)	
		Dr. M. P. Selvan	1
		Dr. Sishaj P Simon	1
4.	Electronics and Communication Engineering	Dr. G. Lakshmi Narayanan	1
5.	Energy and Environment	Dr. A. K. Bakthavatsalam	1
6.	Instrumentation and Control Engineering	Dr. K. Dhanalakshmi	1
		Dr. K. Srinivasan	1
7.	Mechanical Engineering	Dr. S. P. Sivapirakasam	7
		Dr. R. Anand	2
		Dr. K. Sankaranarayanan	1
8.	Metallurgical and Materials Engineering	Dr. S. Muthukumaran	3
		Dr. S. Muthukumaran	1
		Dr. G. Arthanareeswaran (CH)	
		Dr. S. Jerome	1
9.	Physics	Dr. B. Karthikeyan	1

**RANK HOLDERS (UG & PG)****B.Tech. / CHEMICAL ENGINEERING**

Batch	Rank	Roll Number	Name	CGPA
2013	1	102113012	B SOUNDARYA	9.73
	2	102113009	ARVIND PARI	9.68
	3	102113016	CHARULATHA B	9.64
2014	1	102114054	SHIBASHISH DEVIDUTTA JAYDEV	9.87
	2	102114025	HARI PRIYA R	9.62
	3	102114004	ABHISHEK RAO	9.26
2015	1	102115060	SRIHARI S	10.00
	2	102115010	BHUBESH MURUGAPPAN	9.47
	3	102115001	A MUTHUKRISHNAN	9.40

B.Tech. / CIVIL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	103113030	CHAVA TRIVENI	9.72
		103113019	AVALA AKHILA	9.72
	2	103113023	BANDARU HEMANTH	9.58
	3	103113052	MANEPALLI PRIYUSHA LAKSHMI	9.51
2014	1	103114082	S R GIRISH KUMAAR	9.66
	2	103114021	CHALAVADI SAI SRUJAN KUMAR	9.62
	3	103114006	ANANTHA SHIVA MANOHAR	9.6
2015	1	103115008	ANTRIKSH SRIVASTAVA	9.89
	2	103115003	ABHISHEK RAJ	9.87
		103115020	DINKAR PARASHAR	9.87
	3	103115093	SRIVIDYA HS	9.51

B.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	106113091	SUBHAM ROY	9.93
		106113009	AMRITH RAJAGOPAL SETLUR	9.93
	2	106113022	CHEKURI AKHILA	9.86
	3	106113031	HAR SIMRAT SINGH	9.58
2014	1	106114025	G KEERTHANA	9.82
	2	106114101	VEDURUPAKA NAVEEN KUMAR	9.47
		106114090	SHRUTI SUBRAMIYAM	9.47
	3	106114021	CHIDELLA VAGDEVI	9.45
2015	1	106115001	A S SREELAKSHMI	9.77
	2	106115021	DEEP BHATTACHARYYA	9.73
	3	106115005	AISHWARYA NAIR	9.69

B.Tech. / ELECTRICAL AND ELECTRONICS ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	107113077	ROSHINI DEVI K L	9.45
	2	107113068	PRATISHTHIT IYER	9.35
	3	107113016	BADRINARAYANAN N	9.28



2014	1	107114068	NANDA KISHORE V	9.54
	2	107114027	DIPTAK PAL	9.52
	3	107114079	R SANGEETHA	9.44
2015	1	107115010	ARNAB BHATTACHARJEE	9.96
	2	107115092	SUBHADEEP AICH	9.83
	3	107115061	OBILSETTI SHANMUKHI	9.77

B.Tech. / ELECTRONICS AND COMMUNICATION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	108113059	NEELI SRINIKETHAN	9.74
	2	108113023	C ABINAYA	9.72
		108113058	NANDHINI KUMAR	9.72
	3	108113065	PULIMI VENKATA SAI	9.65
2014	1	108114017	ASHWIN R	9.94
	2	108114025	C RAVI SUNDARAM	9.81
	3	108114087	SHREYA RAJKUMAR	9.73
2015	1	108115073	RUPESH GUPTA	10.00
	2	108115070	RAM SRIVATHSA SANKAR	9.93
	3	108115006	ALDEN J JOSEPH	9.74

B.Tech. / INSTRUMENTATION AND CONTROL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	110113074	S RADHIKA	9.95
	2	110113081	SARKAR ABHIK PRADIP	9.45
	3	110113007	AKHIL CHALLA	9.43
2014	1	110114064	PRATEEK VISHAL	9.33
	2	110114091	TINU HAREESSWAR R	9.29
	3	110114073	S S FARHAD NAWAZ	9.25
2015	1	110115009	ANAND M	9.65
	2	110115017	B RINU PREETHI	9.57
	3	110115099	VISHNU C	9.43

B.Tech. / MECHANICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	111113032	I CHILTON FRAZER	9.85
	2	111113021	CHAMA SAIDEIPA	9.53
	3	111113045	M RISHAL SIVRATH	9.4
2014	1	111114102	TANGSALI KAUSTUBH MAHESH	9.7
	2	111114055	KARTIK PRAKASH	9.45
	3	111114027	BOLLAM ADITYA VENKATA RANGA	9.4
2015	1	111115099	UPADHYAY ARIJIT ALIP	9.76
	2	111115015	ASHUTOSH PANI	9.71
	3	111115054	MOHAMMED MUAZ MOHAMED DILSHAD H	9.67
		111115076	R ANIRUDH	9.67

**B.Tech. / METALLURGICAL AND MATERIALS ENGINEERING**

Batch	Rank	Roll Number	Name	CGPA
2013	1	112113062	YASHVI SINGH	9.93
	2	112113001	ADARSH S S	9.87
	3	112113015	HARIPRIYA K	9.67
2014	1	112114007	DANDALA SRIJA	9.94
	2	112114023	KALYAN V N S	9.88
	3	112114059	V ARTHI	9.84
2015	1	112115005	AYUSH KHURANA	9.67
		112115048	SAI VENKATA GAYATHRI A	9.67
	2	112115057	SHRUTI SARAH ANAND	9.40
	3	112115017	KULKARNI ANISH NIRANJAN	9.22

B.Tech. / PRODUCTION ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2013	1	114113027	DEVARAPU SRIHARSHA	9.78
	2	114113065	R SAI ARAVINDH	9.63
	3	114113062	R ARAVIND	9.61
		114113018	BHARGAV S NIRANJAN	9.61
2014	1	114114074	SAMRUDDHA KOKARE	9.75
	2	114114023	DAKSH KHANTER	9.69
	3	114114031	HARDIK H DUBAL	9.65
2015	1	114115067	PRAVEEN M	9.43
	2	114115042	KEERTHIVASAN C	9.26
		114115064	PATRUNI HEMANTH KUMAR	9.26
	3	114115025	DIVAHAR J	9.20

B.Tech. / I YEAR (2016)

Batch	Rank	Roll Number	Name	CGPA
2016	1	111116089	SRIDHARSAN K S	9.92
	2	107116001	AARYAN S SHAH	9.89
	3	108116088	SOUMYARUP LAHIRI	9.75

B.Arch. / ARCHITECTURE

Batch	Rank	Roll Number	Name	CGPA
2012	1	101112043	SWETHA BHARGAVI A	9.54
	2	101112030	R VIDHYA	9.37
	3	101112021	LAKSHMI K AJAYAN	9.15
2013	1	101113018	JESLU CELINE JACOB	9.49
	2	101113006	ANAGHA D	8.83
	3	101113033	P. LEKHA	8.58
2014	1	101114023	PRIYA S	8.98
	2	101114013	MITHRA R	8.73
	3	101114006	B AMREETA	8.43
2015	1	101115021	MD HASEEN AKHTAR	9.64
	2	101115004	ANU PREETHI S	8.43
	3	101115034	SHAJITHA	8.39



2016	1	101116007	ATHIRA P R	9.13
	2	101116001	AARATI ANIL	9.06
	3	101116040	SWEATHA R	8.85

M.Tech. / CHEMICAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	202115017	MAHAJAN GOKUL VISHWANATH	9.42
	2	202115020	DIVYA B	9.14
	3	202115010	YOHANNAN SUBIN SABILON	9.11
2016	1	202116015	MADHU	9.26
	2	202116003	VINAY BARNABAS	9.14
	3	202116016	ANAGHA B	8.95

M.Tech. / ENERGY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	202315018	MIJI EJ	9.82
	2	202315004	DABILIPURAM NAVEEN	9.59
		202315011	SELVAKUMAR T S	9.59
	3	202315001	SAMEEHA MOHAMED SALI	9.52
2016	1	202316003	MUTHIAH G	9.72
	2	202316010	J JOEL TITUS	9.39
	3	202316008	KIRUBAHARAN R	9.28

M.Tech. / PROCESS CONTROL AND INSTRUMENTATION

Batch	Rank	Roll Number	Name	CGPA
2015	1	210115012	JADHAV RUSHIKESH RAMRAO	9.2
	2	210115011	ARSHAD HUSSAIN	8.72
	3	210115004	SHAH VRAJESHKUMAR SNEKALKUMAR	8.69
2016	1	202216002	VONGURI KRANTHI KUMAR	8.58
	2	202216015	ASHENDRA PATEL	8.45
	3	202216005	DOIPHODE MANISH SHEKHAR	8.40

M.Tech. / TRANSPORTATION ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2015	1	203115005	APARNA S	9.5
	2	203115009	PARVATHY M.R	9.21
	3	203115004	PASUPULETI SANDNYA RANI	9.05
2016	1	203116020	MEKA SRI SRAVYA	9.62
	2	203116021	VARUN KUMAR DANDA	9.55
	3	203116012	PIDATHALA VAISHNAVI	9.43

M.Tech. / STRUCTURAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	203215006	NARSIRAM GURJAR	9.53
	2	203215009	MEENAPRIYA G	8.89
	3	203215006	HITESH AGARWAL	8.88
2016	1	203216002	APARNA SATHYAPALAN	9.55



	2	203216014	ANANDU ARAVIND	8.93
		203216026	JYOTHIS PAUL E	8.93
	3	203216003	VIDYA RAVI	8.67

M.Tech. / ENVIRONMENTAL ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	203415004	ARCHA BAIJU	9.58
	2	203415013	JAYASHREE S	9.41
	3	203415012	G VENKATA KOULINI	9.12
2016	1	203416026	PREETHI V	9.33
	2	203416014	MEENU THAMBI	9.17
	3	203416011	ALPHONSA C JOY	8.98

M.Tech. / CONSTRUCTION TECHNOLOGY AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2015	1	203515024	AMIT AGARWAL	9.58
	2	203515022	SELVASUNDARAM S	9.32
	3	203515025	AJIT KUMAR K	9.31
		203515023	LAXMANA KUMARA LINGAN KSD	9.31
2016	1	203516011	SAIKEERTHANA A	9.78
	2	203516013	KAMANI SAWAN JAYANTILAL	9.38
	3	203516004	SUHANYA E	9.28

M.Tech. / COMPUTER SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	206115013	SIRAJ P S	9.84
	2	206115023	KARTHIKEYAN M	9.59
		206115030	KARTHIK R	9.59
	3	206115016	DANTHALA BHARAT	8.86
2016	1	206116007	MIDHUN P	9.92
	2	206116005	SELVAPRAKASH P	9.38
	3	206116018	MALA.J.B	9.22
		206116020	SIVAKUMAR P	9.22

M.Tech. / POWER ELECTRONICS

Batch	Rank	Roll Number	Name	CGPA
2015	1	207215002	AKHIL S	9.66
	2	207215030	NITHEESH R	9.15
	3	207215004	AJU SIVAN	9.13
2016	1	207216016	SREELAKSHMY J MENON	9.47
	2	207216017	AKHILA.P.V	9.16
	3	207216018	S P NANDA GOPAL	9.13

M.Tech. / POWER SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2015	1	207115017	VAISHNAVI R	9.47
		207115013	HARI SANKER K	9.47
	2	207115010	PUDI SHANMUKESH	9.42



	3	207115022	POTHURI VISHNU VARDHANA VARMA	9.18
2016	1	207116003	PAILA LAKSHMANA RAO	9.84
	2	207116017	MAHIMA M	9.53
	3	207116015	ARYESH NAMBOODIRI	9.49

M.Tech. / COMMUNICATION SYSTEMS

Batch	Rank	Roll Number	Name	CGPA
2015	1	208115017	FLORINTINA C	9.92
	2	208115029	KAPIL SINGH THAKUR	9.45
	3	208115015	JOSHI SANKET DHANANJAY	9.3
2016	1	208116019	VINEETHA YOGESH	9.55
	2	208116010	SHAIK MAHAMMAD	9.50
	3	208116020	INDULEKHA K P	9.26

M.Tech. / VLSI SYSTEM

Batch	Rank	Roll Number	Name	CGPA
2015	1	208215002	SUSMITHA S	9.59
	2	208215009	HITESH DIXIT	9.56
	3	208215023	ANOOP V K	9.23
2016	1	208216008	MADALA LAKSHMI RENUKA	9.95
	2	208216028	VISHNUPRIYA V	9.86
	3	208216007	POOJA DINANI	9.52

M.Tech. / INDUSTRIAL SAFETY ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	211215018	SAMBHU B	8.94
	2	211215016	ISSATH EBRAHIM P M	8.7
	3	211215024	NISTHU A P	8.63
2016	1	211216026	ASHIMA SABU	9.85
	2	211216004	ANSHUL SAXENA	9.26
	3	211216021	SACHIN CHANDRAN M	9.18

M.Tech. / THERMAL POWER ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	211315016	SUDHIR KUMAR SAHOO	9.74
	2	211315021	S ANANDAKRISHNAN	9.34
	3	211315018	ABHISHAD C M	9.3
		211315005	ASHUTOSH BHARTI	9.3
2016	1	211316013	HAROON AL ZAMAN	9.41
	2	211316025	DHEERAJ NARSIAN	9.35
	3	211316006	KARTIK BHANGALE	9.00

M.Tech. / MATERIALS SCIENCE AND ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	212215017	ARUN MOHAN	9.72
	2	212215004	TOMSON ANJILIVELIL	9.17
	3	212215009	VIPUL JAIN	8.95



2016	1	212216014	PANDE SNEHAL DILIP	9.56
	2	212216005	SONIA SINGH	9.49
	3	212216011	GOVIND S	9.05

M.Tech. / INDUSTRIAL METALLURGY

Batch	Rank	Roll Number	Name	CGPA
2015	1	212315009	VIVEK GAURAV	9.48
	2	212315011	YERRA UMAMAHESWARA RAO	8.97
	3	212315004	ASISH SHAJI VARGHESE	8.85
2016	1	212316006	SANGEETHA.G	9.86
	2	212316008	VISHNU SURESH	9.71
	3	212316002	BIRAJA PRASAD TRIPATHY	9.07

M.Tech. / WELDING ENGINEERING

Batch	Rank	Roll Number	Name	CGPA
2015	1	212115014	MOHAMED ALEEM S	9.52
	2	212115001	LAHOTI AKSHAY DADARAO	9.35
	3	212115011	AJAY SINGH	9.15
2016	1	212116024	ILHAR UL HASSAN M S	9.71
	2	212116016	YANDRAPU GNANA TEJASWI	9.61
	3	212116012	TAMIL KUMARAN E	9.49

M.Tech. / INDUSTRIAL ENGINEERING AND MANAGEMENT

Batch	Rank	Roll Number	Name	CGPA
2015	1	214215015	SALMA MORRIS	9.68
	2	214215007	YADAV RAMESH RAMDHANI	9.55
	3	214215017	DHAKSHINAMOORTHY A M	9.52
2016	1	214216015	PRABHU S	9.71
	2	214216014	AMIT VERMA	9.69
	3	214216024	RAJU GOGOI	9.64

M.Tech. / MANUFACTURING TECHNOLOGY

Batch	Rank	Roll Number	Name	CGPA
2015	1	214115005	G PRABU	9.61
		214115020	MOHAN SATYA NARAYANA REDDY N	9.61
	2	214115027	PRADEEP BENEDICT T	9.41
	3	214115008	ATHALEKAR PRANAV ATMARAM	9.36
2016	1	214116004	KACHHADIYA ANIKET MANSUKHLAL	9.73
	2	214116019	VAISAKH M	9.27
	3	214116025	ROSH LUCKOSE	9.24

M.Tech. / NON-DESTRUCTIVE TESTING

Batch	Rank	Roll Number	Name	CGPA
2015	1	213115013	VINOTH KUMAAR A	9.5
	2	213115012	S SARAVANAN	9.48
	3	213115007	ROHIT KUMAR AGRAWAL	9.34
2016	1	213116014	SREECHAND G S	9.78
	2	213116009	KRISHNARAJ K	9.42



	3	213116003	ROSHITH KV	9.05
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M.Arch. / ENERGY EFFICIENT AND SUSTAINABLE ARCHITECTURE

Batch	Rank	Roll Number	Name	CGPA
2016	1	201116005	RESHMI R	9.17
	2	201116003	JESNA MATHEW	8.75
	3	201116006	NIVEDITHA S	8.64

M.Sc. / COMPUTER SCIENCE

Batch	Rank	Roll Number	Name	CGPA
2015	1	216215011	KALYAN KS	9.64
	2	216215019	AMANI ANORD	9.31
	3	216215014	ASMITHA G R	8.88
2016	1	216216003	TRUPTI BALIGA B	9.76
	2	216216025	RAKSHIT G DWARAM	9.45
	3	216216010	POURNA R K	9.32

M.Sc. / CHEMISTRY

Batch	Rank	Roll Number	Name	CGPA
2015	1	204115013	PRIYANKA CHAKRABORTY	9.84
	2	204115021	VISHNUNARAYANAN NAMBOOTHIRI V P	9.3
	3	204115007	LAKSHMI N.N	9.28
2016	1	204116002	SHRAVAN R KOUSIK	9.79
	2	204116012	MUHAMMED ARSHAD K	9.45
	3	204116001	N R MYTHREYI	9.39

M.Sc. / PHYSICS

Batch	Rank	Roll Number	Name	CGPA
2015	1	213215002	PARVATHI HARIKUMAR	9.65
	2	213215011	SUTHA G	9.38
	3	213215025	SHEBHA ANANDHI J	9.35
2016	1	213216003	SWATHI S	9.45
	2	213216011	EVAN KURIAN	9.26
	3	213216002	SREELAKSHMY K J	9.13

MBA / MANAGEMENT STUDIES

Batch	Rank	Roll Number	Name	CGPA
2015	1	215115037	SHADHIN S	9.26
	2	215115026	KAVYA KRISHNAN K	9.1
	3	215115035	AISHWARYA ROY	9.07
2016	1	215116035	FAYHA ABDUL KAREEM	9.14
	2	215116021	TRYMBAK CHATTERJEE	9.05
	3	215116058	PALURU SWETHA MANASA	9.02

MCA / COMPUTER APPLICATIONS

Batch	Rank	Roll Number	Name	CGPA
2014	1	205114001	SRISHTI GUPTA	9.69
	2	205114041	BHAVIKA MATTA	9.52
	3	205114063	KOMAL THAKUR	9.31



2015	1	205115009	GUNJAN BHADANI	9.92
	2	205115003	SHUBHAM JAIN	9.55
	3	205115012	VAISHALI KAMBOJ	9.32
2016	1	205116028	DEVKARAN CHOUHAN	9.58
	2	205116002	SHUBHAM MADAN	9.47
	3	205116082	PANKAJ CHANDEL	9.37

ENDOWMENT AWARDS

S. No.	Name of the award	Roll Number	Name
1.	Smt. G. S. Raja Lakshmi memorial award presented to First three Rank holder upto VII Semester in Chemical Engineering.	102114054	SHIBASHISH DEVIDUTTA JAYDEV
		102114025	HARI PRIYA R
		102114004	ABHISHEK RAO
2.	Dr. M. Shanmugam award for the First Rank holder upto VII Semester in Civil Engineering.,	103114082	S R GIRISH KUMAAR
3.	Sri. Karchae Endowment award for the best project in the Department of Architecture	101112030	VIDHYA R
4.	Sri. M. S. Balakumaran award for the best outgoing student of M.Tech. NDT	213116014	SREECHAND G S
5.	Prof. S. Muthukaruppan Endowment award for the second Rank holder in EEE Branch up to VII Semester.	107114027	DIPTAK PAL
6.	Sri. Janardhana Iyengar memorial Award for the best Academic Performance in just concluded academic year.	111116089	SRIDHARSAN K S
7.	Smt. Seethamma memorial award for the First Rank holder upto VII Semester in the ECE Branch.	108114025	C RAVI SUNDARAM
8.	Dr. Sargurudoss memorial award for the Best performance in Mathematics in I Year B.Tech.	102116002	AKASH DHARSAN U S
9.	Sri. Avinash memorial award for the best outgoing male student of ICE branch	110114018	BINDRA NISHIT SINGH NAVNEET SINGH
10.	Sri. Avinash memorial award for the best outgoing female student of ICE branch	110114013	ANJALI MITTAL
11.	Prof. Ibrahim / Dr.Sittaraman Award for the best outgoing student of DoMS	215116021	TRYAMBAK CHATTERJEE
12.	Prof. Thirumalaiarasan Award for the Topper in HR and OB Subjects in MBA	215116073	JESSIMA B
13.	Srimathi Neela Balasubramanian Memorial Award for best out-going student in ECE branch	108114025	C RAVI SUNDARAM
14.	Karthik S Memorial Award For the First Rank Holder upto VII semester in B.Tech Production Engineering.	114114074	SAMRUDDHA KOKARE
15.	Smt. Vijayalakshmi Kannan Memorial Award For the First Rank Holder upto VII semester in B.Tech. ECE	108114025	C RAVI SUNDARAM



16.	Late S. Doraiswamy Memorial Award For the First Rank Holder upto III semester M.Tech. industrial safety Engineering.	211216026	ASHIMA SABU
17.	Sri. Ramanujam and Smt. Sundari Ramanujam Memorial Award for the first rank holder in English in B.Tech.	108116086	SIDDHARTH SUDHAKARAN
18.	Mr. Subash Chandrabose Endowment Award for the Best Outgoing in B.Tech. MME	112114059	V ARTHI
19.	Dr. T. Balasubramaniam Endowment Award for the First Rank Holder in M.Sc Physics in I and II Semester	213216003	SWATHI S
20.	Dr. A. L. Abdus Sattar, Memorial Award for the outstanding student in III year ECE	108115073	RUPESH GUPTA
21.	Mr. Oisik Adak Endowment Award for "Best Creative Designer" in the Department of Architecture	101113018	JESLU CELINI JACOB
22.	Joseph Martin Fernando trophy for excellence in the study and documentation of vernacular architecture	101115030	S JOY GLORIA
		101115036	SHRAVYA Y
		101115004	ANU PREETHI S
		101115037	SIVANESAN M
		101115011	GANESH KUMAR A
		101115031	S VARUN PRASHANTH
		101115014	K HIRESH RAGHAHV
23.	S J Chainulu Medal of Excellence (For the First Rank Holder in First year)		
	1. Chemical Engineering	102116035	NISCHAL MATHUR
	2. Civil Engineering	103116042	MEERA MAHADEVAN
	3. Computer science and Engineering	106116066	RAJAT BHATTA
		106116081	SARAVANAN T
	4. Electrical and Electronics Engineering	107116001	AARYAN S SHAH
	5. Electronics and Communication Engineering	108116088	SOUMYARUP LAHIRI
	6. Instrumentation and Control Engineering	110116031	G VISHAAL
	7. Mechanical Engineering	111116089	SRIDHARSAN K S
	8. Metallurgical and Materials Engineering	112116045	R DEVI JANANI
9. Production Engineering	114116055	PRATIKSHYA SAHOO	
24.	Prof. J. Raja award (highest CGPA in all Accounting and Finance subjects in First Year MBA)	215116027	GUNDLAPALLI SREEHARSH
		215116029	CHAHAT CHATRATH
25.	Prof. K. S. Pandey memorial Outstanding Student Award (The student should be within the top 10% of the class or within top 10 ranks of the class based CGPA at the end of 7 th Semester and also be active in sports activities)	112114018	GOKUL M
26.	Prof. K. S. Pandey memorial Academic Achievement Award for the academically best student based on CGPA at the end	112115005	AYUSH KHURANA



	of five semesters of the B.Tech. (MME) programme		
27.	Best outgoing student of MME M/s Chennai Metco Pvt.Ltd Chennai	112114007	DANDALA SRIJA
28.	Metallographic contest winner M/s Chennai Metco Pvt.Ltd Chennai	112114043	S MUGHILAN
		112114053	STUTEE NANDA
29.	Best NCC Cadet	110114034	ISHAN BODELE

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

S. No.	Department	Roll Number	Name	CGPA
1.	Architecture	101113006	ANAGHA D	9.12
2.	Chemical Engineering	102114054	SHIBASHISH DEVIDUTTA JAYDEV	9.7
3.	Civil Engineering	103114082	S R GIRISH KUMAAR	9.67
4.	Computer Science and Engineering	106114025	G KEERTHANA	9.59
		106114101	VENDURUPAKA NAVEEN KUMAR	9.59
5.	Electrical and Electronics Engineering	107114068	NANDA KISHORE V	9.73
6.	Electronics and Communication Engineering	108114025	C RAVI SUNDARAM	9.69
7.	Instrumentation and Control Engineering	110114018	BINDRA NISHIT SINGH NAVNEET SINGH	9.4
8.	Mechanical Engineering	111114102	TANGSALI KAUSTUBH MAHESH	9.73
9.	Metallurgical and Materials Engineering	112114059	V ARTHI	9.92
10.	Production Engineering	114114074	SAMRUDDHA KOKARE	9.54

ALUMNI AWARDS (M.Tech. / M.Sc. / MCA / MBA)

S. No.	Dept./Specialization	Roll Number	Name	CGPA
1.	Chemical Engineering			
	Chemical Engineering	202116015	MADHU	9.20
	Process Control and Instrumentation	202216002	VONGURI KRANTHI KUMAR	8.90
2.	Energy and Environment			
	Energy Engineering	202316003	MUTHIAH G	9.78
3.	Civil Engineering			
	Transportation Engineering and Management	203116021	VARUN KUMAR DANDA	9.43
	Structural Engineering	203216002	APARNA SATHYAPALAN	9.43
	Environmental Engineering.	203416026	PREETHI V	9.26
	Construction Technology and Management	203516011	SAIKEERTHANA A	9.60
4.	Computer Science and Engineering			
	Computer Science and Engineering	206116007	MIDHUN P	9.94
5.	Electrical and Electronics Engineering			
	Power Systems	207116003	PAILA LAKSHMANA RAO	9.88
	Power Electronics	207216016	SREELAKSHMY J MENON	9.60
6.	Electronics and Communication Engineering			
	Communication Systems	208116010	SHAIK MAHAMMAD	9.56



	VLSI System	208216008	MADALA LAKSHMI RENUKA	9.96
7.	Mechanical Engineering			
	Thermal Engineering	211316013	HAROON AL ZAMAN	9.55
	Industrial Safety Engineering	211216026	ASHIMA SABU	9.88
8.	Metallurgy and Materials Engineering			
	Welding Engineering	212116024	ILHAR UL HASSAN M S	9.77
	Materials Science and Engineering	212216014	PANDE SNEHAL DILIP	9.43
	Industrial Metallurgy	212316006	SANGEETHA.G	9.89
9.	Production Engineering			
	Manufacturing Technology	214116004	KACHHADIYA ANIKET MANSUKHLAL	9.61
	Industrial Engineering and Management	214216015	PRABHU S	9.59
10.	Physics			
	Non-Destructive Testing (M.Tech.)	213116014	SREECHAND G S	9.83
	Physics (M.Sc.)	213216003	SWATHI S	9.51
11.	Chemistry			
	Chemistry	204116002	SHRAVAN.R.KOUSIK	9.81
12.	Management Studies			
	Master of Business Administration	215116021	TRYAMBAK CHATTERJEE	9.55
13.	Computer Applications			
	Master of Computer Applications	205115009	GUNJAN BHADANI	9.84
	Computer Science (M.Sc.)	216216003	TRUPTI BALIGA B	9.70

OTHER AWARDS (TCS)

S. No.	Name of the award	Roll No.	Name
1.	TCS best student award for the year 2017 - 18	112114059	V ARTHI
2.	TCS – Best Project Award for the year 2016 - 17	106113054	KIRAN M
		106113031	HAR SIMRAT SINGH
		106113033	HARSH KUMAR

OTHER AWARDS (INSTITUTED BY RECAL)

S. No.	Name of the award	Roll Number	Name
1.	Overall Outstanding Student of the year	102114036	M S SESHASAYEE
2.	Anand Chidambaram Memorial Award	102114036	M S SESHASAYEE
3.	Outstanding Sportsman	103114068	POLAKA SAI PRAKASH REDDY
4.	Outstanding Sport Woman	107114083	RISHMITHAA SIVAKANTHAN
5.	Best Batsman of the year	205116006	VIKESH MALIK
6.	Best Bowler of the year	212116001	DEEPAK DAGAR



ENDOWMENT AWARDS

G. S. Rajalakshmi award:

This award was instituted by Mr. G. S. Ranganathan, a student of Chemical Engineering between 1986 – 1990, in memory of his mother who passed away in the U.S. in a car accident. This award is given to the first three rank holders in the department of Chemical Engineering based on their performance up to VII semester.

Prof. Ibrahim –Dr. Sitaraman Award:

Prof. Ibrahim, a former Head of Chemical Engineering Department, was the Professor- in-charge of the Management Programme in this Institute when this programme was introduced in 1978. He continued to head the department till he left the college in 1984.

Dr. Sitaraman was a visiting faculty to the Management department since the program was introduced in this Institute. He was instrumental in giving a proper direction to the programme listing out objectives, updating the syllabus till he settled abroad in late 80s. In appreciation of the efforts of both the worthies during the formative years of the department, an endowment has been created by its Alumni which is given to the best MBA student. The endowment carries a Citation and a Cash award.

Dr. M. Shanmugam Endowment award for I rank holder in Civil Engineering:

Dr. M. Shanmugam a former Professor and Head of the Civil Engineering Department of this college was a specialist in the area of Structures. He took voluntary retirement to concentrate on consultancy. This award goes to the topper in Civil Engineering. The endowment is currently worth Rs. 4, 00,000. This award carries a gold medal and a Citation and is presented to a student for his/her outstanding performance from the I to VII semesters.

Architect Kharche Endowment award:

Architect Kharche Endowment award is given for the best project work carried out in Architecture branch. The endowment carries a Citation and a cash award.

Mr. Oisik Adak Endowment Award for “Best Creative Designer” in the Department of Architecture:

This award is instituted by Mr. Adak, a senior executive with BHEL, whose multi-talented son, Oisik, a promising painter and poet, passed away while he was a student at NIT, Trichy. This award recognizes creativity among the students of Architecture. It carries a cash prize and a certificate

Joseph Martin Fernando trophy for excellence in the study and documentation of vernacular architecture:

This unique endowment was instituted by Prof. Fernando, formerly Professor in the department of Architecture to recognize work in the area of Vernacular Architecture.

Shri. M. S. Balakumaran Endowment award for the 1st rank holder in M.Tech. Non Destructive Testing:

Shri. M. S. Balkumaran, a former student of M.Tech. Non Destructive Testing has created an endowment to honour the I rank holders. This award carries a Citation and a cash prize and is presented to a postgraduate for his / her excellent performance throughout the M.Tech. NDT Programme.

Prof. T. Balasubramanian Award:

This award is instituted by Prof. T. Balasubramanian, Professor of Physics, and formerly Dean (academics) and Head of the Physics department. He joined this Institution in 1998 as Professor. This award on completing 40 years of service as Physics teacher. is presented for the best academic performance in I year M.Sc. Physics.

**Prof. S. Muthukaruppan Endowment award for the 2nd rank holder in Electrical and Electronics Engineering:**

Prof. S. Muthukaruppan was a faculty in the Electrical and Electronics Engineering department for more than 3 decades and retired from service 10 years ago. He has instituted an award for the II rank holder in Electrical and Electronics Engineering branch. This award carries a Citation and a cash award.

Dr. A.L. Abdus Sattar Memorial Award:

This award is instituted in memory of Prof. Abdus Sattar, one of the ECE Professors instrumental in developing the department during its formative years. Dr. Sattar genuinely cared for his students. As a professor, mentor, friend and guide, he was always available. Simple and unpretentious, Dr. Sattar led by example inspiring everyone who was fortunate enough to have worked with him to collaborate, and support one another undeterred by challenges. In his memory his students have instituted an award. The award is given to the outstanding student in the third year of Electronics and Communication Engineering, who best exemplifies the spirit of the late Dr. A.L. Abdussattar. It carries a citation and cash award.

Sri. Janardhana Iyengar Memorial award:

This award was instituted by Prof. M. J. S. Rangachar, a former Professor of Electronics and Communication Engineering, with an endowment of Rs 10000/- in memory of his father. He retired from service in 1998. This award goes to the student with the best academic performance in the immediately concluded Academic year. This award carries a Citation and a cash purse.

Seethamma Memorial award for the best Electronics and Communication Engineering student:

This award was also created by Dr. M. J. S. Rangachar with an endowment of Rs 10000/- in memory of his mother. This award is given to the topper in Electronics and Communication Engineering for his/her outstanding performance up to the VII semester. The award carries a Citation and cash prize.

Smt. Neela Balasubramanian Memorial Award:

This award is instituted by Prof. Sekar, an alumnus and, currently, a Professor in IIM Bangalore in memory of his mother. This award is given to an Electronics and Communication Engineering student based on his performance from III to VII semesters and also based on his/her co-curricular activities. This award, that recognizes all-round excellence, carries a Citation and a cash purse.

Smt. Vijayalakshmi Kannan Award:

This is an award Instituted by Mr. Kannan, a senior office Staff of this Institution in memory of his wife. This award is given to the topper in Electronics and Communication Engineering department based on the performance from I to VII semesters. This award is presented to a student for his/her outstanding performance up to the VII semester. It carries a Citation and a Cash award.

Dr. Sargurudoss Memorial award for the Best Mathematics Student in B.E./B.Tech.

This award has an interesting background. It is instituted in memory of the (Late) Dr. Sargurudoss, a Professor from Bishop Heber College, Tiruchirappalli. This award that comes with a citation and cash prize goes to the student for the best performance in Mathematics in the 1st year.

Avinash memorial award:

The Avinash memorial award honours the Best outgoing student of Instrumentation and Control Engineering branch. The award is given, separately, to the best outgoing Male student



as well as the best outgoing female student of Instrumentation and Control Engineering branch. It carries a Citation and a cash award.

Prof. Thirumalaiarasan Award:

This award is in memory of Prof. Thirumalaiarasan. He joined the Management studies department in mid 80s. He was an expert in the area of HR and came to NIT, Trichy with a very rich experience of working in Industry before turning to academics. In his memory, the award is given to the topper in HR & OB Subjects in MBA. It carries a Citation and a Cash award.

Prof. J. Raja award (highest CGPA in all Accounting and Finance subjects in First Year MBA)

This was Instituted in memory of Prof. Raja, formerly, HoD of the Management department. He joined the Institute in 1987 after completing his MBA programme in our Institute. After serving the Institute for close to 2 decades, he took up an assignment abroad. In order to honour his memory, the award was instituted to recognize the outstanding performance in Accounting and Finance subjects in the First Year.

Karthik S Memorial Award:

This award has been instituted by the Parents of S. Karthik whose career was nipped in the bud due to an accident. He was a student of Production Engineering department. This award is given to the topper in Production Engineering Department. Incidentally, the father of the late Karthik is a senior professor in the department of Civil Engineering, Dr. G. Swaminathan. The endowment carries a Citation and a Cash award.

Sri. S. Doraiswamy memorial award:

This award is Instituted by Prof. T.S. Rajan in memory of Sri. Doraisamy DGM (safety) BHEL, Trichy. The Mechanical Engineering department, was the first in the country to introduce, in 1984, a Postgraduate programme to highlight the importance of safety. This award is given to the topper in M.Tech. Industrial safety Engineering programme

Sri Ramanujam and Smt. Sundari Ramanujam memorial award:

Sri Ramanujam and Smt. Sundari Ramanujam memorial award recognizes the best performance in English in I year B. Tech. during the academic year. This award is instituted by R. Gururaj, Associate Professor, Department of Humanities and Social Sciences, in memory of his parents. It carries a Citation and a cash prize.

Mr. Subash Chandrabose endowment award for the Best Outgoing Student in B.Tech. Metallurgical and Materials Engineering:

This was instituted by Mrs. Saraswathi, a former senior superintendent at our Institute. This award is presented to the topper in Metallurgical and Materials Engineering branch.

Dr. K.S. Pandey memorial awards:

A sum of Rs 1.17 lakh endowment was created in 2016 for this award by Dr.(Mrs.) S. K. Pandey., formerly Professor of Chemical Engineering, NIT-T and, later, Director of NIT, Srinagar, Sant Longowal Institute, Punjab and NIT Karaikal, Puducherry.

a) Dr. K.S Pandey memorial outstanding student award

Dr. K. S. Pandey memorial goes to the outstanding student award for a final year Metallurgical and Materials Engineering student. The student should be within top 10% of the class or within 10 ranks based on CGPA at the end of the 7th semester. Moreover, the awardee should be active in sports. The student is also given weightage for co-curricular and extra-curricular activities. The award carries a citation and a cash prize of Rs. 5000/-

**b) Dr. K.S. Pandey memorial academic achievement award**

This is based CGPA at the end of five semesters in B.Tech Metallurgical and Materials Engineering programme. The award carries a citation and a cash prize of Rs. 3000/-

S J Chainulu Medal of Excellence (For the First Rank Holder in First year): 10 Awards.

This award with an endowment of Rs 4 lakhs has been instituted by the parents of S J Chainulu, who was earlier our student. This award is given to the toppers in the I year B.Tech. programme in each branch. The award carries a Medal and a certificate.

M/s. Chennai Metco (P) Ltd award for the Best outgoing student in MME and Metallographic contest winners**THE FOLLOWING AWARDS ARE INSTITUTED BY THE R.E.C. ALUMNI (RECAL)****Anand Chidambaram Memorial Award (Cash) / Tenth Rank Holder in Chemical Engineering**

Anand Chidambaram was a student of chemical engineering department from 1985 – 1989. He was a sweet and charming personality, admired not only by his classmates but also by faculty. He was the 10th rank holder when he graduated from this Institute. In his memory his parents have instituted an award for the 10th rank holder of Chemical Engineering branch based on the performance from I to VII semesters. This award carries a Citation, Cash prize and a memento.

Praveen Kumar memorial award for the best performance in I year “E” section 2003-04:

This award was instituted by the I year “E” section students of 2000-01 academic year for the best performance in I year E section.

Ramesh Sampath Memorial Award for outstanding cricketer of the year

Mr. Ramesh Sampath was an old student of this college, and graduated in Electronics and communication Engineering. branch in 1972. He had represented Trichy district cricket association & Madras University while he was a student of this college. Subsequently he joined ISRO and played for Kerala state. He was a prolific scorer against famous spinners like EAS Prasanna, B.S Chandrasekhar and S. Venkatragavan. It was no surprise when he was selected to represent south zone in Duleep trophy matches. He met with a tragic accident while he was holidaying at Goa and passed away in 1992. In his memory RECAL honours the best REC cricketer every year. This award carries a citation, memento and a cash award of Rs 500.

Overall Outstanding Student of the year

The outstanding student of the year is based on achievements in Academic / Sports / Cultural spheres besides Participation in social and voluntary organizations. This award carries a Citation and a Gold medal.

PROFILE OF DEPARTMENTS

Department : Architecture

The department of Architecture has received one citation and two special mentions in the National Association of Students of Architecture convention 2018. The department has started the first PG Program in Energy Efficient and Sustainable Buildings. The department has entered into an MoU with the Ministry of Housing and Urban Poverty Alleviation under the technology sub-mission of PMAY (Pardhan Mantri Awas Yojana). The students have won many national and international competitions in academic, sports and cultural events.

Summary (2017-18)

S. No.	Details	Total Nos.			
		No's:		Amount:	
1.	Sponsored Projects	No's:	1	Amount: (in lakhs)	45.39
2.	Consultancy work	No's:	1	Total Amount: (in lakhs)	0.53
3.	No. of Ph.D. produced / submitted	2 / 1			
4.	Industrial / Guest Lectures (conducted & arranged)	4			
5.	Internship Abroad (Student)	4			



Archcult 18 – Department Cultural Event -
9th to 11th March 2018



Archcult 18 – Department Cultural Event
- 9th to 11th March 2018

**Department : Chemical Engineering**

The department of Chemical Engineering is regarded as one of the premier centers for Chemical Engineering in India by industries as well as academia. It offers a B.Tech programme and M.Tech programme in Plant Design and Process Control and Instrumentation. The department is backed by highly qualified and experienced faculty, most of whom have been involved in various industrial projects and consultancy services. The students, guided by the experienced faculty, have presented many papers in India and abroad and have won several National Level Design Competitions. The programme is supplemented by several state-of-the-art laboratories, which cover all areas of practical interest. Other than traditional laboratories like Fluid Mechanics, Heat and Mass transfer and Mechanical Operations, the students are exposed to specialised ones like Reaction Engineering, Process Control and Biotechnology. The process control lab, one of the best in the country, is equipped with the latest instruments for recording and analysis of data used for simulating plant conditions. The department has received Rs.97 lakh from DST under FIST 2017 after an interim of 14 years.

Summary (2017-18)

S. No.	Details	Total Nos.			
		1.	Journals	SCI & SCIE:46	Scopus:2
2.	Conferences	Scopus:8	Others:-		
3.	Sponsored Projects	No's:	3	Amount: (in lakhs)	198.1
4.	No. of Ph.D. produced / submitted	6			
5.	No. of Patents obtained / submitted	2			
6.	No. of books / books chapters published	7			
7.	Industrial / Guest Lectures (conducted & arranged)	14			
8.	Conference/Seminar/Symposia/Workshop organized by the Department	3			
9.	Fellowships (Faculty) / Internship in Abroad (Student)	1			
10.	Technical Symposium	1			

**Alchemy 2018****GIAN conducted by Dr. T. Sivasankar**

**Department : Chemistry**

The department of Chemistry trains 1000 B.Tech. students per year in branch specific Engineering Chemistry course. 58 M.Sc. students and 60 research scholars specializing in Chemistry have benefitted from the advanced and varied research facilities available in the department. The department has the state-of-the-art research labs (7 Nos), M.Sc. Labs (4 Nos.) and B.Tech. Labs (2 Nos.). The faculty members and the research scholars have published their research findings in high impact journals. In the current year, 6 research scholars have successfully defended their theses. A National level students' symposium titled, "HORIZON" has been conducted annually by the Post graduate students showcasing the academic, extracurricular and event managerial talents of the students; this is a valuable platform for the students from other institutions to interact with the subject and research experts.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE: 68		Others:15	
1.	Journals	SCI & SCIE: 68			
2.	Conferences	Scopus:-		Others:15	
3.	Sponsored Projects	No's:	3	Amount: (in lakhs)	121.36
4.	Consultancy work	No's:	1	Total Amount: (in lakhs)	1.12
5.	No. of Ph.D. produced / submitted	6			
6.	No. of Patents obtained / submitted	1			
7.	No. of books / books chapters published	4			
8.	Workshop organized by the Department	1			
9.	Fellowships (Faculty) / Internship Abroad (Student)	2 / 5			



Andrea and Landi (CNR Italy) visit NIT during December 2017 and deliver lecture under India-Italy joint project.



HORIZON

Department : Civil Engineering

The Civil Engineering Department, one of the oldest Departments, was started in the same year the then Regional Engineering College Tiruchirappalli (REC) came into existence (1964). The department offers One UG and three PG regular programmes such as Transportation Engineering, Structural Engineering and Environmental Engineering. The department offers L&T sponsored M. Tech. in Construction Management & Technology under the Build India Scholarship programme of Larsen and Toubro Ltd, Chennai. 40 research scholars are pursuing their PhD and MS research studies. The faculty members are very active in teaching, research and consultancy activities. They have received sponsored research projects from various agencies such as DST-SERB & BHEL. The consultancy services have been rendered to various government agencies such as MEW, AAI, Indian Railways, CPWD, and state government organizations. Students have received internships at Universities abroad with the financial support of DAAD fellowship, MITACS fellowship, S-N Bose fellowship, NTU-India Connect Internship as well as from leading Indian Institutes such as the IIT's. IISc, and other prominent industries. Students have received prestigious fellowships such as the Indian Academy of Sciences Fellowship and the TU Delft Excellence Scholarships.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE	Scopus	Others	Total
1.	Journals	19	5		24
2.	Conferences		5	15	20
3.	Consultancy work	No's:	10	Total Amount: (in lakhs)	92.91
4.	No. of Ph.D. produced	2			
5.	Conference/Seminar/Symposia/ Workshop organized by the Department	12			
6.	Internship Abroad (Student)	3			



6th Indian Young Geotechnical Engineering Conference



MOMENTS' 18

Department : Computer Science and Engineering

The Department of Computer Science and Engineering, NIT, Tiruchirappalli was started in the year 1981. It offers one Under-Graduate programme (B.Tech.), one Post-Graduate programme (M.Tech. in Computer Science and Engineering) and also research programmes (M.S. and Ph.D.) in the various fields of Computer Science and Engineering. The department has proven its excellence in research by publishing more than 73 papers in highly impact journals and transactions like SCI, Scopus, IEEE, besides, it has filed patents. The faculty and students of the department have received awards and fellowships. Notable among them are the international internships from DAAD, MITACS as well as internships in acclaimed national institutes like IIT Madras, IIT Bombay, the Indian Academy of Sciences, and so on. The department association (CSEA) has conducted VORTEX, a technical symposium and has arranged workshops and guest lectures from Stanford University and Microsoft.

Summary (2017-18)

S. No.	Details	Total Nos.			
1.	Journals	SCI & SCIE: 11		Scopus: 8	
2.	Conferences	Scopus: 1		Others: 53	
3.	Sponsored Projects	No's:	2	Total Amount: (in lakhs)	93.19 lakhs
4.	No. of Ph.D. produced	2			
5.	No. of Patents submitted	2			
6.	No. of books / books chapters published	1			
7.	Industrial / Guest Lectures (conducted & arranged)	9			
8.	Conference/Seminar/Symposia/Workshop organized by the Department	15			
9.	Fellowships (Faculty) / Internship Abroad (Student)	4			

**Integrity pledge on 30/10/2017****VORTEX' 18**

Department : Computer Applications

The Department of Computer Applications was accredited for five years (2017-2022) by the National Board of Accreditation (NBA). In the academic year (2017-2018), a new M.Tech. programme on Data Analytics was launched as an inter-disciplinary course by tying up with the Dept. of CSE and the Dept. of Management Studies. 9 Students (8 M.C.A. and 1 M.Sc.) received summer internships in companies, namely, Microsoft, JP Morgan, KLA-tencor, Sap Lab. M.C.A. students have won prizes at the National Symposium conducted by NIT Calicut.

Summary (2017-18)

S. No.	Details	Total Nos.		
1.	Journals	SCI & SCIE: 7	Scopus 10	
2.	Conferences	Scopus: 9		Others:
3.	Sponsored Projects	No's:	1	Amount: 31 (in lakhs)
4.	No. of Ph.D. produced / submitted	2 / 1		
5.	No. of books / books chapters published	1 / 1		
6.	Guest Lectures (conducted & arranged)	10		
7.	Symposia/Workshop organized by the Department	2 / 2		



MCA – Version 2017 (19th and 20th August 2017) and M.Sc.(CS) – Optima 2017 (13th October 2017)



M.Tech. Data Analytics Inaugural Function – 31st July 2017

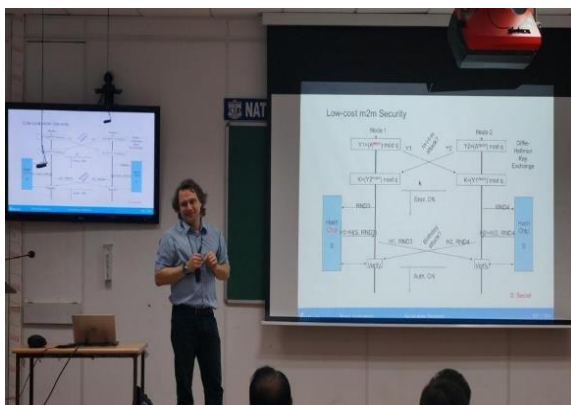


Department : Electrical and Electronics Engineering

The department of Electrical and Electronics Engineering, NIT, Tiruchirappalli was started in the year 1964. It offers one Under-Graduate programme (B.Tech.), two Post-Graduate programmes (M.Tech. in Power Systems and Power Electronics) and also research programmes (M.S. and Ph.D.) in the various fields of Electrical and Electronics Engineering. The department has proven its excellence in research by publishing papers in the high impact journals and transactions, besides, filing patents. The department has excelled with awards and fellowships received by the faculty and students. Four faculty members have been awarded Young Faculty Research Fellowships and the reputed POSOCO award has been received by NIT, Trichy EEE students every year right from its inception. The sponsored projects have been obtained for over 2 crores and several project proposals are in the pipeline pending approval. The faculty members and students have attended several reputed IEEE conferences for exhibiting their research progress. Our students have received prestigious internships from DAAD, MITACS etc.

Summary (2017-18)

S. No.	Details	Total Nos.			
1.	Journals	SCI & SCIE: 23		Scopus: 06	
2.	Conferences	Scopus: 11		Others: 05	
3.	Sponsored Projects	No's:	02	Amount: (in lakhs)	202.53
5.	No. of Ph.D. produced	05			
6.	No. of Patents obtained / submitted	01 / 01			
7.	No. of books	03			
8.	Guest Lectures (conducted & arranged)	07			
10.	Internship Abroad (Student)	4			



GIAN – Jan 2018



Currents - Feb 2018



Department : Electronics and Communication Engineering

Dr. S. Raghavan from the department of Electronics and Communication Engineering has received the 'Idea Life Time Achievement Award, 2017' and Dr. S. Deivalakshmi has received the Best Presentation Award in ICSIP 2017 held at NTU at Singapore. The department has conducted 8 workshops. Dr. P. Muthu Chidambaranathan, and Dr. G. Thavasi Raja (PI) & Dr. D. Sriram Kumar (Co-PI) have received project grants worth Rs.10.8 lakhs, and Rs. 20.89 lakhs, respectively. 51 research papers in SCI/SCIE journals and 16 papers in Scopus have been published and 3 doctorates have been produced by the department.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE		Scopus	
1.	Journals	51		16	
2.	Conferences	34		-	
3.	Sponsored Projects	No's:	3	Amount: (in lakhs)	31.69
4.	No. of Ph.D. produced / submitted	3			
5.	No. of Patents submitted	1			
6.	No. of books / books chapters published	2			
7.	Workshop organized by the Department	8			



GIAN Workshop 2018



Integrity Pledge

Department : Humanities and Social Sciences

The department of Humanities and Social Sciences (formerly known as the Department of Humanities/English) has been in existence since the beginning of National Institute of Technology (formerly, the Regional Engineering College) and is known for its dynamic collaboration of faculty and students. The department is an independent interdisciplinary research centre and is a top-ranked department among NITs. It has two major divisions, namely, Economics and English. The department has constantly striven for a pragmatic curriculum that has a high degree of professional relevance that meets the existing demands of industry, business, public and private organizations, academic and human services. Accordingly, the department has been offering a cluster of wide-ranging courses to undergraduates and graduates. In 2004, the department commenced its full-fledged Ph.D. program and, since then, it has produced quality work in new areas of research. The department, recently, started offering Minor Courses in Economics as well as in Language and Literature recognizing the growing demand for humanities-based programmes.

Summary (2017-18)

S. No.	Details	Total Nos.			
1.	Journals	17			
2.	Conferences	17			
3.	Sponsored Projects	No's:	2	Amount: (in lakhs)	52.2 lakhs
4.	No. of Ph.D. produced / submitted	5			
5.	No. of books / books chapters published	08			
6.	Industrial / Guest Lectures (conducted & arranged)	20			
7.	Conference/Seminar/Symposia/Workshop organized by the Department	5			
8.	Fellowships (Faculty) / Internship Abroad (Student)	1			



GIAN Workshop on "Current Global Economic Issues and Policies in Indian Context"



FDP on "Empowering Teachers in Life Skills Education"

Department: Instrumentation and Control Engineering

The Department of Instrumentation and Control Engineering was established in the year 1993 and the first batch of students graduated from the department in the year 1997. It offers one Under-Graduate programme (B.Tech.), one Post-Graduate programmes M.Tech. (Process Control and Instrumentation) and also research programmes (M.S. and Ph.D.) in various fields of Instrumentation and Control Engineering for both regular and part-time scholars. M. Tech. (PCI) is an interdisciplinary programme. The curriculum is updated regularly with inputs from industries and reputed educational institutions. The department with its state-of-the-art laboratories as well as young and dynamic faculty have been involved in providing quality education at both UG and PG levels.

Achievements:

1. Dr. N. Sivakumaran was awarded the Young Faculty Research Fellow, 2018 by MeiTY
2. Dr. K. Dhanalakshmi received the Bharat Vikas Award from the Institute of Self Reliance, Bhubaneswar.
3. Venkatesh Venkatramanan (11011609) of (2016-2020 batch ICE) got the Globalink Research Internship Award from the University of Ottawa.

Summary (2017-18)

S. No.	Details	Total Nos.			
1.	Research papers in Journals / International (SCI and SCI Expanded)	14			
2.	Conference (International)	23			
3.	Sponsored Projects	Nos	02	Amount	189.56 Lakhs
4.	Consultancy work	No	02	Amount	29 Lakhs
5.	No. of Ph. Ds awarded / Submitted	02			
6.	No. of Patents obtained / Applied	01			
7.	Fellowships / Internship / Abroad Visits (Students)	02			
8.	Industrial Lectures	06			
9.	Guest Lectures	04			

**SENSORS 2018****Capacity Building of Women Managers**

**Department : Management Studies**

The Department of Management Studies has achieved a significant milestone this academic year through the students, scholars and faculty for their remarkable feats in academics, co-curricular and extracurricular activities. The students of this department have won several technical competitions conducted all over India. Dr. N. Thamaraiselvan and Dr. B. Senthil Arasu conducted various FDPs and workshops during the first week of April, 2017 and October, November and December, 2017. They catered to the needs of the emerging scholars and faculty so that they develop necessary skills for teaching the new age generation. Dr. G. Kannabiran offered Consultancy services to NLC India Ltd and helped to formulate Knowledge Management Policy and Strategy during April to July 2017. He organized a National Workshop on Technical Education in the National Context: Challenges and Strategies, for academic administrators / faculty of NITs, 5-7 October 2017. He also conducted an MDP on Strategic Management for 25 senior managers of NLC India Limited during October 11-12, 2017. He also organized many workshops on Inclusive Higher Education, Emerging Management Concepts and Practices for junior executives of TNPL and Faculty Start-ups and Entrepreneurship during 2017-18. Research scholars and faculty from different streams have published research papers in reputed peer-reviewed journals listed under SSCI, SCOPUS, SCI-E and ABDC. Dr. V.J.Sivakumar and Ajitha won best paper award in IIM Indore – North American Society for Marketing Education in India (NASMEI) Summer Marketing Conference, held during July, 2017. Dr. V.J Sivakumar and Amirtha also won the best paper award in the first Research Colloquium on Emerging trends in Engineering, Management & Technology held during 23rd -25th March, 2018. In this academic year, the department of management studies has notched several achievements in all the streams of management and it shall continue to contribute more to sustain the pride in Brand NIT, Trichy.

Summary (2017-18)

S. No.	Details	Total Nos. 21	
		SCI & SCIE: 5	Scopus:12
1.	Journals	SCI & SCIE: 5	Scopus:12
2.	Conferences	Scopus:	Others: 1
3.	No. of Ph.D. produced / submitted	3	
4.	No. of books / books chapters published	1	
5.	Industrial / Guest Lectures (conducted & arranged)	50	
6.	Workshop organized by the Department	11	

**CONCLAVE****Student Achievements**



Department : Mathematics

The faculty members of the Department of Mathematics have published in reputed journals and guided seven Ph.D. research scholars. The outgoing students have been placed in various academic and research organizations. Many of the Ph.D. research scholars have attended international and national conferences organized by various leading institutes and have presented their research work. The faculty have visited many universities and colleges and have delivered invited lectures in national conferences and workshops. Prof. R. Nallasamy retired from service on 31st Jan, 2018. Prof. N. Nallasamy, joined this institute in the year of 1983 and has specialized in applied statistics and bio-mathematics. He guided seven Ph.D. research scholars and has published many research articles in reputed journals. Prof. R. Nallasamy served for 35 years. The Department of Mathematics organized a farewell function to Prof. R. Nallasamy on 30th Jan, 2018.

Summary (2017-18)

S. No.	Details	Total Nos.	
		1.	Journals
2.	Conferences	Scopus: 2	Others: NIL
3.	No. of Ph.D. produced / submitted	7 / 1	



Farewell function of Prof. R. Nallasamy, Department of Mathematics on 30th Jan, 2018

**Department : Mechanical Engineering**

The Mechanical Engineering Association (MEA) under the department of Mechanical Engineering at NIT Trichy, organizes events, workshops, guest lectures, and industrial visits apart from Synergy, the National level annual technical symposium. This year MEA has established the Mechanical Innovation Centre (MIC), which is a platform for the highly motivated students with an emphasis on innovation. The symposium, conducted over a span of three days, is a celebration of the puzzle that mechanical engineering and every innovation pertains to. The symposium engages brilliant minds with an array of workshops, events and guest lectures, playing host to a large-scale participation from numerous colleges of the country. Its main objective is to enhance the learning process by providing inventive insights to the cutting-edge innovations in the mechanical field. The department has consistently performed in Sports Fete and NITTFEST (Inter-departmental cultural fest). In this academic year, the department secured second position in Sport Fete.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE:33	Scopus:13		
1.	Journals	SCI & SCIE:33	Scopus:13		
2.	Conferences	Scopus: -	Others:05		
3.	Sponsored Projects	No's:	07	Amount: (in lakhs)	224.72
4.	No. of Ph.D. produced	3			
5.	No. of Patents obtained / submitted	4 / 10			
6.	No. of books chapters published	4			
7.	Guest Lectures (conducted & arranged)	10			
8.	Workshop organized by the Department	4			
9.	Internship Abroad (Student)	4			



Advanced manufacturing workshop conducted in association with Tata Consultancy Services Ltd. (20th January 2018)



Interactive intern talk to prospective students by final year abroad interns (16th January 2018)

Department : Metallurgical and Materials Engineering

The First International Conference on “Emerging Trends on Materials and Manufacturing Engineering” was conducted to commemorate the golden jubilee year of the Department, during 10-12 March, 2017 with Prof. V. Muthupandi as Chairman and Dr. K. Sivaprasad as Convener. Proceedings of this conference have been brought out in two special issues; one in SCIE journal (Transactions of the Indian Institute of Metals, Springer) and the other one in Scopus indexed journal (Materials Today: Proceedings, Elsevier). Prof. T. Srinivasa Rao has been conferred with Dr. G. V. Memorial Lecture Award 2017 by IIM Tiruchirappalli Chapter. Dr K Sivaprasad has been awarded the best technical paper that was presented at the ICKEM2018 held in Osaka, Japan. Metallographic work by the scholars Mr. Ramkumar and Mr. Rajesh Kannan bagged the Best Metallography awards for the last two consecutive years, both in light optical microscopy and electron microscopy conducted by the Indian Institute of Metals during NMD-ATM. Dr. S. Muthukumaran has filed three patents and Dr. S. Jerome has filed one patent. Prof. B. Ravisankar has published two engineering reference books titled “Periodic Table of Elements (3 volumes)” and “Non-Ferrous Alloys”. Dr. N Ramesh Babu has been granted an Indo-Russia joint research fund and also funding from DST-SERB and DRDO. Overall, the department bagged 4 funded projects last year. More than 45 research papers have been published in international refereed SCI/SCIE journals by this department and 10 articles in scopus indexed journals. Five PhDs were awarded to the scholars of the Department.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE:		Scopus:	
1.	Journals	37		09	
2.	Conferences	01		Others:	
3.	Sponsored Projects	No's:	05	Amount: (in lakhs)	155.94
4.	No. of Ph.D. produced	05			
5.	No. of books	02			
6.	Guest Lectures (conducted & arranged)	08			
7.	Conferences organized by the Department	01			



As a part of Golden Jubilee celebrations of MME, retired faculty members of this department were felicitated during IMME17

Department: Physics

The Department of Physics is one of the best departments in NIT. It caters to all the I year B.Tech students admitted in NIT-Trichy. The Department of Physics (DoPh) has two PG programmes viz, M.Sc (Phys) and M.Tech (NDT). The department has 13 faculty members with a strong academic and research background. The faculty members have published 60 research articles indexed in SCI and SCIE Journals, 25 conferences indexed in Scopus in the academic year 2017-18. Six Ph.Ds have been produced till date (31-3-2018). Four projects worth of Rs.330.34 lakhs have been sanctioned for the department from various funding agencies. Dr. S. Manivannan has received the Tamil Nadu Young Scientist Award for the Year 2016 in the discipline of Physical Science (Awarded Date 23/02/2018) at Science City, Chennai.

Summary (2017-18)

S. No.	Details	Total Nos.			
1.	Journals	SCI & SCIE: 60		Scopus: 11	
2.	Conferences	Scopus: 25		Others:	
3.	Sponsored Projects	No's:	04	Amount: (in lakhs)	330.34
4.	No. of Ph.D. produced	6			
5.	No. of Patents obtained / submitted	1 / 2			
6.	Internship Abroad (Student)	1			



Dr. S. Manivannan receiving Tamil Nadu Young Scientist Award for the Year 2016 in the Discipline of Physical Science (Awarded Date 23/02/2018) at Science City, Chennai.



InPhy NITT

Department : Production Engineering

The vision of the Department of Production Engineering is to establish a world class academy for Manufacturing and Industrial engineering. The department offers engineering consultancy in the areas of design, manufacturing and resource management. The department maintains a close liaison with a large number of universities and industries within the country and abroad through faculty research and collaborative projects. 5 sponsored project works worth Rs.93.41 lakhs and consultancy work worth Rs.13.88 lakhs have been granted during this academic year. Equipment worth Rs.51.28 lakhs have been purchased. The national level technical symposium 'PRODIGY 2018' attracted thousands of students. Several workshops, events and panel discussions were organized that were presided over by eminent experts. Lectures were organized with Industry experts on frontier topics in Manufacturing and Industrial Engineering domains to provide practical insights to students. The department has shaped several talented candidates who have been recruited by reputed core companies like Alstom, TATA motors, Vedanta, Renault, Nissan and L&T this academic year.

Summary (2017-18)

S. No.	Details	Total Nos.	
1.	Journals	SCI & SCIE:40	Scopus:11
2.	Conferences	Scopus: 1	Others:3
3.	No. of Ph.D. produced / submitted	9/1	
4.	No. of Patents obtained / submitted	2	
5.	No. of books / books chapters published	3	
6.	Industrial / Guest Lectures (conducted & arranged)	2	
7.	Conference/Seminar/Symposia/Workshop organized by the Department	2	



Inauguration of International Conference on Contemporary Design and Analysis of Manufacturing and Industrial Engineering Systems (CDAMIES-2018) Jan18-20



Felicitation to Senior Professors Dr. A. Noorul Haq, Dr. R. Narayanasamy, Dr. T. Selvaraj on Jan 18, 2018

Department : Energy and Environment

The department of Energy and Environment has established NABL accredited calibration lab in the thermal, mechanical and electrical disciplines for providing calibration services of instruments. DEE in association with TANGEDCO (Tamil Nadu Generation and Distribution Corporation) has promoted "PEACE" (Promotion of Energy Audit and Conservation of Energy) scheme at various MSMEs (Micro, Small and Medium Enterprises) of seven districts. Several energy audit proposals from 20 MSMEs and BHEL have been received as consultancy work.

Summary (2017-18)

S. No.	Details	Total Nos.			
		SCI & SCIE:	Scopus:	Amount:	
1	Journals	8	2		
3	Sponsored Projects	No's: 2		(in lakhs)	36.5
4	Consultancy work	No's: 2		Total Amount:	4.63
				(in lakhs)	
5	No. of Ph.D. produced / submitted	1/2			
6	No. of Patents obtained	1			
8	Industrial / Guest Lectures (conducted & arranged)	2			
9	Symposia/Workshop organized by the Department	2 / 2			



Short term course on "Waste management: Practices and Case studies", 28th August – 1st Sep2017

**Department : Central Library**

The Institute has a modern Central Library with more than two and half lakhs of documents consisting of Technical Books, Reports, Standards, CD-ROMS, Audio Visual Educational Cassettes and Back Volumes of Journals. The library subscribes to 164 periodicals (print) plus 7000+ E-Journals and 700+ E-books besides a holding of 17690 Back Volumes of Journals. The library also contains 16,750 books in the Book Bank scheme. Digital Knowledge Centre has been established with 70 Computer systems provided with DVD-RW Drive. Wi-Fi facility has been provided for laptop users. CCTV Web cameras have been fixed in the Central Library and the entire building is under camera surveillance. RFID Technology of Document Identification and Library Security System have been implemented for the library functions and services.

The special services: Web OPAC Service [Online Public Access Catalog (Web OPAC), RFID oriented automated Circulation Service, Current awareness service, CD-ROM search service, Audio-Visual service (Educational cassettes), Membership to external agencies and individuals, British Council Library Institutional membership, access to more than 7000 on-line e-journals through ESS Consortia, and access to more than 700 e-books service, General and Textbooks Reading services, Document Delivery Services have been provided through DELNET & JCCC@INDEST consortia.

Summary (2017-18)

S. No.	Details	Total Nos.
1.	Journals	SCI & SCIE: 03
2.	No. of Ph.D. produced	01

Computer Support Group

The computer support group connects NIT-Trichy to the Internet via two Internet Service Providers (ISP) with 150 Mbps leased line from Software Technology Park of India (STPi) and 1Gbps shared connectivity by National Informatics Centre (NIC) using Bharat Sanchar Nigam Ltd (BSNL) and Railnet as a part of National Knowledge Network (NKN) and National Mission on Education through Information & Communication Technology (NME-ICT).

The CSG has been providing infrastructure for administering GMAT (Graduate Management Aptitude Test), NSCA (National Strength and Conditioning Association), UKCAT (UK Clinical Aptitude Test), Microsoft Certification since March 2016.

The CSG has signed a Microsoft Academic Volume Licensing program known as Microsoft Open Value Subscription Education Solutions, Microsoft Imagine Premium (formerly known as Microsoft Dreamspark Premium). Matlab 2016 Std Configuration Total Academic License (TAH) 3 Years term license has been purchased by CSG. CSG has Ansys 17, includes CFX and ICEM CFD - 50 user advance license and 5 user research license.



Department : Training and Placement

Significant events and national level awards:

1. The Institute has received the prestigious **Best Innovation Club** Rolling Trophy at the Festival of Innovation and Entrepreneurship (FINE'18) organized by the **Rashtrapati Bhavan**. The award has been presented by the Hon. President of India. The coordination has been done by T&P.
2. The Institute has received the prestigious National Award as the **University of the Year** at the FICCI - 13th Higher Education Summit '17 held at New Delhi. The application process has been coordinated by T&P.
3. **A 5-day residential computer training program for 50 visually impaired** students / teachers of Trichy and neighbouring districts has been conducted during Dec'17.
4. Dr. A. K. Bakthavatsalam has played a key role as a part of SPG team in preparing and filing the IoE proposal.

Summary (2017-18)

Notable T&P related achievements:

The students' placement record continues to be maintained at higher percentages, despite global sluggishness. The overall percentage of placements as on 26.03.2018 of under graduate programme is **94%** and Post Graduate Programme is **75%**. The placement process is still in progress.

Notable Achievement: (As on 26.03.2017)

No. of Companies Visited	No. of Students Placed	Percentage (registered)	Double offer (UG & PG)
236	UG: 551 PG : 382	UG: 94.0 PG : 75.0	UG: 16 PG : 05

Four professional development courses in Energy Environment, Safety and Quality, specifically for PG students have been conducted with the funding support from TEQIP.

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

S. No.	Details	Total Nos.
1.	Journals / International*	2 (Under Department of Energy and Environment)
2.	Consultancy work	No's: 1 Total Amount : 88,500/-
3.	No. of Ph.D. produced*	1 (Under Department of Energy and Environment)
4.	No. of Patents filed	1
5.	Technical Symposium	(1) 5-day Residential Computer Training program for visually impaired students and teachers – Dec.'17 (2) 5-day ISO-9001 Lead Auditor Program for PG students - Jan'18. (3) 5-day ISO-14001 Lead Auditor program for PG Students - Jan.'18 (4) 5-day OHSAS 18001 Lead Auditor program for PG Students - Jan.,'18. (5) 5-day ISO 50001 lead Auditor program for PG Students - Jan.'18.



TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME PHASE - III

NIT Tiruchirappalli has performed well in both the TEQIP phases I and II and has stood first among other TEQIP institutions.

The Project, third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the twelfth five-year plan objectives for technical education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

Objectives

- Improving quality and equity in engineering institutions in focus states
- System-level initiatives to strengthen sector governance and performance
- Twinning arrangements to build capacity and improve performance of institutions and ATUs participating in focus states.

NIT Tiruchirappalli is the Mentor Institute for Dr. B. R. Ambedkar Institute of Technology, Pahargaon, Port Blair, Andaman & Nicobar Islands (Mentee Institute)

Fund and Financial Status

- Total sanctioned amount under TEQIP-III Project to National Institute of Technology, Tiruchirappalli is **Rs.7 Crore**.
- **Rs.3.5 Crore** is earmarked for Equipment –Modernization of Laboratories.
- **Rs. 2.8 Crore** is earmarked for Soft Components (Faculty Staff Training, Student learning Activities, Institute reforms, Mentoring activities to Mentee Institute, Graduates employability-Finishing School, Start-up Cell, Industry Institute Interaction cell related activities, Research Development activities).
- **Rs.70 Lakhs** is for Operating cost.

Activities Under TEQIP-III

1. Seed money to the faculty (student projects) - 120 faculty have claimed under Research & Development Head.
2. BRAIT team has visited NIT, Trichy under twinning arrangements during Dec 2017.
3. Selection of Asst. Prof. (TEQIP Institutions) MHRD, NPIU successfully completed.
4. Financial support has been given to the Departments for conducting BoS/Academic Audit meeting Order placed for Equipment worth of Rs. 75 lakhs in various department laboratories
5. Stanford University - NPIU MHRD Faculty Student Feed back survey has been conducted on 24th & 25th October 2017 for two departments (EEE and CSE)
6. Two programmes have been conducted under start up-cell



- i. Technical Education in National Context to NIT Faculty & NITs Director has been organised by Dr. G Kannabiran, Management Studies during 5th to 7th October 2017.
 - ii. Business Plan Competition to NIT Faculty and students has been organised by Dr. G Kannabiran, Management Studies and Dr. N. Sivakumaran during 16th to 18th Feb 2017, Start-up Cell Coordinator.
7. Workshop on “Capacity Building of Women managers in Higher Education” held from 4 to 9th Dec 2017 at NITT, has been organised by Dr.G.Uma, ICE, Dr. D. Ezhilarasi, ICE and Dr. S. Mekala, Humanities Dept.
 8. Dr. Radhakirishnan TK, Coordinator, TEQIP and Dr. Sastikumar D, Dean (ID) have attended the workshop on “TEQIP-III Implementation – Orientation” held on 21/7/2017 at New Delhi.

CENTRE FOR ENTREPRENEURSHIP DEVELOPMENT AND INCUBATION

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

Centre for Entrepreneurship Development and Incubation (CEDI), a Section 8 Company promoted by the institute has been in the forefront to promote activities spanning the entire value chain of Innovation and entrepreneurship development.

- CEDI-SONATA Digital Entrepreneurship Fund Co-Sponsored workshop on **Faculty Start-ups and Entrepreneurship** held on 24th March 2018 at NIT Trichy with 60 faculties participated in the workshop. (Coordinators: Dr. G. Kannabiran, Dr. N. Sivakumaran).
- CEDI-SONATA Digital Entrepreneurship Fund Co-Sponsored **Pragyan 2018** an international techno-managerial fest of NIT Trichy held on 1st March – 4th March 2018 with more than 5000 Students Participated.
- CEDI-SONATA Digital Entrepreneurship Fund Co-Sponsored **Ventura 2018** an international level business model competition organized on 16th - 18th February 2018 with 200 participants by E-Cell NIT Trichy Association with CEDI-SONATA Digital Entrepreneurship Fund.
- CEDI-SONATA Digital Entrepreneurship Fund Co-Sponsored **Entrepreneurship Conclave** themed on “Building India’s Next Unicorn” is organized on 3rd February 2018 at Hotel Davanam Sarovar, Bangalore by E-Cell, NIT Trichy with 150 students and Startups. The workshop is conducted with a focus on creating awareness among potential applicants to CEDI as well as offer support to entrepreneurship eco-system developmental efforts.
- A month-long- programme on **NEEDS (New Entrepreneur cum Enterprise Development Scheme)** of Ministry of SME Development in partnership with EDI, Government of Tamilnadu was held on 30th October – 28th November 2017(Coordinators: Dr. G. Kannabiran, Dr. N. Sivakumaran, Dr. M. Venkata Kirithika, Dr. V. Lavanya).



- **Faculty Development programme** on Entrepreneurships development was organized on 15th -17th November 2017 at NIT Trichy. 40-50 Faculty Members from various engineering colleges in Tamil Nadu participated in the 3 Days programme. The training Module included interactions with more than 20 resource persons and industrial visits.
- CEDI-SONATA Digital Entrepreneurship Fund Co-Sponsored Start-up **Weekend** are 54 hour "No Talks All Action" events where Developers, Designers, Marketers, Product Managers and Startup enthusiasts come together and share ideas, form teams, build products and launch startups. Event started on 15th September Friday evening with 52 teams pitched their ideas. Ideas are put to vote for filtration and attendees team up. On 16th September Saturday, teams created Minimum Viable Product and presented on 17th September Sunday evening before the judges. The fourth edition of the SWT 17 saw a whooping participation of 107 students and 52 pitches out of which the top 12 were selected for the finals.
- **Top Management Meet** under Innovation and Entrepreneurship Development Programme (IEDP) was held on 13th September 2017 at NIT Trichy. 20 Top Management (Principals/Correspondents) from Various Engineering colleges in Tamilnadu participated in 1 day Programme.
- **Project competition 2017** are organized on 9th May 2017 at NIT Trichy to encourage innovation. A Best Student Project Awards competition for final Year B. Tech. / MCA Students exhibited their projects in the areas of ICT and Electronics was in NIT Trichy. A prize money of Rs.25, 000 for the winner and Rs.10, 000 for the runner –up was given. The Centre identified potential entrepreneurs for funding through the CEDI-SONATA Digital Entrepreneurship fund sponsored by Sonata Software Ltd Bangalore.
- Organized **Information cum Mentoring events** on 3rd February & 3rd March at Hotel Davanam Sarovar, Bangalore and MSME Development Institute, Chennai respectively during this year for the benefit of young graduates and other Institute faculties.
- Based on a two-level selection process, CEDI has selected the following **Three new incubatees** during the current year:
 - Recubitech Pvt Ltd
 - Odaku Online Services Pvt Ltd
 - Fixyard

These Incubatees are to be provided with Infrastructure support and Seed Fund of **Rs. 25 Lakhs** with equity model.

STUDENT ACTIVITIES

FESTMBER 2017

The 43rd edition of Festember, the cultural extravaganza of the National Institute of Technology, Tiruchirappalli, came to a crescendo during four days from 21st to the 24th of September, 2017 and saw the year-long efforts of the organization come to fruition. Festember 2017 proved to be yet another monumental achievement and has lived up to the legacy set by the previous editions for the past 4 decades, since its inception in 1975.

With the fest revolving around the central theme of "The Orient", and the tagline "Rise and Rave", Festember 2017 embarked on a journey to experience the flavors of the East and South-East Asian countries. The face of the festival, the mascot, was Hanzo, the ninja. The mascot brought the spirit of the theme to life by personifying and symbolising the fervor of Festember. The fest set out with a wide range of pre-Festember outreach events. The Rolling Reels Film Festival received tremendous participation with over 200 short film entries. Gigahertz, the semi-pro rock band competition provided a platform for budding artists to perform to an enthused audience in Chennai and Bangalore. Tiki Taka, a sports outreach conducted in Chennai brought the Festember Football League to the city. These events set the Festember flag flying high throughout the year and built the enthusiasm for the main event in September. Festember paved way for many social responsibility ventures like 'Pages', a book collection drive, 'Vatsalya', a one-day event to connect with the senior citizens of the society and 'Huishou', a competition based on creating art from waste. These events inculcated in everyone the need to give back to nature and spread happiness. With social media campaigns like the interview of ex-military men inside the NIT campus and awareness drives about child labour, Festember made attempts to bring issues of societal concern to the forefront.

Festember 2017 laid its cornerstone with an inaugural address by IAF wing commander A.M.S. Joseph. The ProShow series was a much anticipated aspect of Festember. The maiden ProShow of Festember 2017 mesmerized the audience with the soul-stirring music of the violinist, Shravan Sridhar during the Classical Night. DJ Shaan performed to a raving crowd at the EDM night, and the Rock Night was witness to performances by the bands 'Thermal and a Quarter' and 'RJD', as part of the Red Bull Tour Bus. The fest also comprised of informals, workshops and events throughout the day. Guest lectures - conducted under the name 'Carpe Diem' - by eminent personalities such as the South African cricketer Jonty Rhodes, film critic Baradwaj Rangan and playback singer Srinivas, provided the audience with intriguing, insightful and inspirational stories. The grand fest ended on a high note with an energetic performance by the Bollywood Singer, Amit Trivedi. Festember 2017, a magnificent celebration of art and culture, was a resounding success and truly set a new benchmark for the years to come.



Inauguration



Choreonite



PRAGYAN 2018

Pragyan is the annual international techno-managerial festival of NIT Trichy. Established in 2005, Pragyan has grown to become the first student-run organization in the world, and the third overall, to get an ISO 20121:2012 certification for Sustainable Event Management. The organization also holds the ISO 9001:2015 certification for Quality Management Systems. Pragyan 2018, held from the 1st to 4th of March, was a package of plenty of unique experiences - right from the largest human library by a student-run organization in India to a heated crossfire that saw panelists passionately explaining their points of view on privacy. With a plethora of events, workshops, exhibitions and guest lectures, Pragyan '18, themed 'The Next Dimension' managed to port the attendees to a different level of existence and left them wanting more.

The 14th edition of Pragyan commenced on the 1st of March 2018 with Dr. B. N. Suresh, founding Director of the Indian Institute of Space Science and Technology (IIST), presiding over the inaugural ceremony. Pragyan '18 brought down to Trichy, some of the world's leading scientists and management professionals. From the National Security Advisor of India, Shivshankar Menon, to Dr. Robert Metcalfe, the co-inventor of the Ethernet and Dr. Ajay Bhatt, the co-inventor of the USB, the guest lecture line-up at Pragyan was nothing short of stellar. With over forty events under nine different clusters, the events of Pragyan 2018 saw wide participation from all over the country. Some events that blew the minds of the participants were Rush Hour, NFS Aqua and The Ultimate Manager.

A new venture that Pragyan '18 undertook was the organization a human library in association with the Human Library, Hyderabad. This was the largest ever human library organized by students in India, with 15 books including the Dancing Masculus and an Urdu speaking Brahmin. The library was open for Days two and three of the fest and saw massive reception among the attendees and students of NIT Trichy. The Crossfire, one of the most looked-forward-to events of Pragyan took place on the 3rd of March from 6:00 p.m. at the Barn Hall. With panelists discussing on whether privacy should be conceded for the greater good, the discussion, moderated by Mr. Suhrith Parthasarathy, saw the audience at the Barn enthralled. A whopping twenty workshops were conducted in the span of the three days, on a myriad of topics including Blockchain, High-Performance Computing, and Building Information Modelling, to name a few.

The exhibits at Pragyan '18 included a prototype of the Hyperloop, Bionic arm, the robot - In Moov, and KalamSat, the world's smallest satellite, among others. Pragyan not only managed to educate but also succeeded in entertaining the audience with its out-of-the-world infotainment shows. From stand-up comedy delivered by Azeem Banatwalla to ventriloquism performed to perfection by Shawn Chua, the infotainment shows organized were a huge hit. Pragyan '18 came to a graceful end on 4th March 2018, with Mr. Vivekanand Vanmeeganathan, Managing Director, Caterpillar India, presiding over the valediction ceremony as the Chief Guest. The winners of Sangam and Ingenium events, the flagship technical-exhibition contests held every year by Pragyan, were recognized.



Pragyan'18.



NITTFEST' 18

NITTFEST'18, the interdepartmental cultural festival of NITT, indigenous to its own students, was conducted successfully from the 5th to the 8th of April, 2018. This edition of NITTFEST, sponsored by Nestle, RedBull, Sakthi Masala and Vh1, witnessed growth unlike anything is ever seen before, with its first unique One Rupee pro show by the immensely popular stand-up comedian, Kenny Sebastian. It also saw many prominent personalities coming down to NIT Trichy to judge various events. The 84 events were conducted successfully with the right team spirit.

The inauguration of the fest was held on Day 05th April. The event was graced by Gautham Vasudev Menon, the Indian film director, and producer. It was followed by the much-awaited show by Kenny Sebastian, which was enjoyed by an enormous and enthusiastic audience. The day was ended with mesmerizing Qawwali performances by the teams from various departments. NITTFEST had several events from various clusters like Lits, Music, Dance, and Arts in which the participants gave it they're all. Manoranjan, one of the signature events of NITTFEST marked an entertaining end to Day 1. Battle of Bands, the musical war between the bands from each of the departments was held on the evening of Day 2, where the explosive music made the very air thrum with energy. After the valedictory function on the evening of Day 3, which also saw the screening of movies shot for Take One, the most anticipated event of NITTFEST, the Choreo Nite, was held which was one spectacular grand finale where the dancers from the departments owned the dance floor. These events were judged by eminent personalities and groups like Shreya Deshpande, Balaji Sakthivel, When Chai Met Toast and United by Dance. They also gave valuable tips to the participants after their performances.

All in all, NITTFEST 2018 was successful in setting high standards for further editions to come.



NITTFEST 2018

**CLUBS AND SOCIETY**

S. No.	Clubs	Activities
1.	AAYAAM	Hindi Literature Club
2.	AISEC	International Youth Leadership Organization
3.	AKSHARA	Telugu Literature Club
4.	AMRUTHAVARSHINI	Classical music club
5.	APEKSHAA	Non-profit organization to perform social work
6.	ATHENÆUM	Model United Nation
7.	BALLS BY PICASSO	English Literary Club
8.	BUILDERS' HIVE	Providing Construction Solutions
9.	DANCE TROUPE	Dance Team of NITT
10.	DATA BYTE	Data Science and Business Analytics club
11.	DELTA FORCE	Central Technical Team
12.	DESIGNERS' CONSORTIUM	Product Designing Club
13.	DHRUVA CLUB	Spirituality and Life Style Club
14.	E-CELL	Entrepreneurship and Innovation Club
15.	FILM SOCIETY	Film making Club
16.	FINE ARTS SOCIETY	Arts and Ambience Club
17.	IGNITTE	Teaching Group for under privileged
18.	INCREDIBLE NITT	Nature Club
19.	LEAP	Environmental Awareness and Protection Club
20.	MARINE TECHNOLOGY SOCIETY	Marine Technology Enthusiasts
21.	MAXIMUS	Mathematics interest and teaching group
22.	MUSIC TROUPE	Music Team of NITT
23.	NAKSHATRA CLUB	Astronomy and Space Science club
24.	OMEGA SCIENCE AND SPIRITUALITY CLUB	Science and Spirituality
25.	PIXELBUG	Photography Club
26.	PSI RACING	Motorsports Team of NITT
27.	PHYXION	Physics Interest and Teaching Group
28.	PUPIL FOR PUPIL COMMITTEE (PPC)	Post Graduate Social Service Club
29.	ROBOTICS AND MACHINE INTELLIGENCE CLUB (RMI)	Robotics enthusiasts; research in allied fields
30.	ROTARACT CLUB	College Chapter of Rotary International
31.	RSFNITT	Research Scholars' Forum
32.	SPIDER	R&D Club of NITT
33.	TAMIL MANDRAM	Tamil Literature Society
34.	THE THESPIANS' SOCIETY	English Dramatics Club
35.	THE THIRD DIMENSION	Aeromodelling Club
36.	TOASTMASTERS NITT	College Chapter of Toastmaster International

**STUDENT CLUBS ACHIEVEMENTS**

S. No.	Clubs	Achievement
1.	Balls by Picasso	<ul style="list-style-type: none"> ➤ Pondicherry Institute of Medical Science <ul style="list-style-type: none"> • 2nd place in General Quiz • 1st place in Extempore ➤ JIPMER College, Pondicherry <ul style="list-style-type: none"> • 3rd place in General Quiz ➤ Stella Maris College <ul style="list-style-type: none"> • 4th place in India Quiz ➤ MOP Vaishnav College <ul style="list-style-type: none"> • 1st place in General Quiz ➤ Shaastra, a Technical fest of IIT Madras <ul style="list-style-type: none"> • 4th place in How Stuff Works quiz ➤ Mood Indigo, a Cultural fest of IIT Bombay <ul style="list-style-type: none"> • 2nd and 3rd place in Wordemort (Word games competition) • 4th place in Spell Bee ➤ Saarang, a Cultural fest of IIT Madras <ul style="list-style-type: none"> • 3rd place in What's the Good Word (Word games competition) • 3rd place in Cryptic Crossword • 2nd and 3rd place in Scrabble • 2nd in Anime Quiz • 4th in Travel and Living Quiz • 3rd in JAM (Speaking event)
2.	Builders' Hive	<ul style="list-style-type: none"> ➤ SSN College Symposium (Invente 2017): <ul style="list-style-type: none"> • 1st prize - Poster presentation • 3rd prize – Potential Professor ➤ SASTRA Civil Symposium (Hinges 2017): <ul style="list-style-type: none"> • Exemplum (A model making competition)- 1st place • Recurva (A rehabilitation challenge)-1st place • Trail by Surveying (A survey related event)-1st place and 2nd place
3.	Dance Troupe	<ul style="list-style-type: none"> ➤ Participated and won first place in KMC college Chennai cultural fest, eastern category. Participated and won the 2nd place in Saarang '18 IITM. Eastern category. ➤ Participated and won a 1st and 2nd place, eastern and western at Yukti '18 Thiyagarajah Madurai.
4.	Delta Force	<ul style="list-style-type: none"> ➤ Google Summer of Code (InCF organization) ➤ Haskell Summer of Code 2017 ➤ Deadline 24 algorithmic coding contest, (World Rank 134) ➤ Hackathon, Software A.G. India (First Prize) ➤ Code-o-Soccer, Kshitij 17, IIT Kharagpur Technical Fest (First Prize) ➤ ACM ICPC 2018 Chennai Regionals (Nationwide 11th rank) ➤ ACM ICPC 2018 Amritapuri Regionals (Nationwide 54th)



		<ul style="list-style-type: none"> rank) ➤ Topcoder Open India Regionals (Finalist, Nationwide 7th rank) ➤ On-Site Programming Contest, Saastra 2018, IIT-Madras Technical Fest (Fourth place) ➤ Codathon, NIT Bhopal (Top 10 teams) ➤ InOut Hackathon, NIT Surat (Top 10 teams) ➤ Cats vs. Dogs Detection, Kaggle ML Contest (Top 20 teams) ➤ Reverse Coding, Saastra 2018, IIT-Madras Technical Fest (Finalists) ➤ J.A.R.V.I.S, Saastra 2018, IIT-Madras Technical Fest (Finalists) ➤ Three's a Crowd, Pragyan 18 (First and Second Prize) ➤ Hunt the code, Pragyan 18 (First and Second Prize) ➤ Mdecoder, Pragyan 18 (Second Prize) ➤ Pragyan Hackathon, Bangalore (First Prize) ➤ Cryptech, Probe 18 (First Prize) ➤ Triathlon, Vortex 18 (First and Third Prizes) ➤ Algo Warriors, Sensors 18 (Second Prize) ➤ OSPC, Vortex 18 (First and Second Prize)
5.	Designers' Consortium	<ul style="list-style-type: none"> ➤ SANGAM: VIDHAI – 2nd place ➤ V REX 80 – 3rd place ➤ Both the projects were selected for incubation from Caterpillar which involves 5-week mentorship from caterpillar experts. ➤ SHAASTRA – Technical fest of IIT Madras ➤ AGRINEERS: BANANA PLANTAIN SUPPORT – 1st PRIZE ➤ RICE TRANSPLANTER – 2nd PRIZE ➤ INDIAN RAILWAYS DESIGN CHALLENGE: 2 Teams from our club won the 1st and 3rd prize for coming up with the efficient solution to solve problems that are existing in the present day bio toilets used in railways. ➤ Total prize tally – 4 in Shaastra. ➤ GRAVITAS'17 – Technical fest of VIT Vellore 1st prize in CAD War for designing an ergonomic, modular Robotic arm.
6.	Music Troupe	<ul style="list-style-type: none"> ➤ Saarang, Cultural Festival at IIT Madras - Secured 1st Place in Tarang (Indian Music Battle of Bands): 11th to 14th Jan '18 ➤ Dhruva, Cultural Festival at IIM Trichy - Secured 1st Place in War of Bands :27th January '18 ➤ Busk in Thy glory, IIM Bangalore: 3rd Feb '18 ➤ InBloom, Christ University Bangalore - Secured 1st place Battle of Bands (Indian Music), 3rd place Battle of Bands (Western Music): 3rd Feb '18
7.	PSI Racing	<ul style="list-style-type: none"> ➤ 1st place in the Acceleration Event, amongst 80 odd teams from all over the country, in the Enduro Student India ➤ 6th position in the Sales Presentation at BAJA SAE India, which was among 120 odd teams, again spanning



8.	Robotics and Machine Intelligence Club (RMI)	<ul style="list-style-type: none"> ➤ Shaastra: <ul style="list-style-type: none"> • Ethical Hardware Hacker: 1st place ➤ Sangam : First place in Non-circuital
9.	Spider	<ul style="list-style-type: none"> ➤ Shaastra - IIT Madras <ul style="list-style-type: none"> • The Number Thing - 1st Place • JARVIS - 1st Place • Sparkon - 1st Place, 3rd Place • Eleckart - 3rd Place ➤ Sangam, Pragyan 2018 The following projects were exhibited as a part of Sangam 2018: <ul style="list-style-type: none"> • ListenIn - 1st Place (circuital) • iLocus - 2nd Place (circuital) • AgriX ➤ Eyantra Conducted DRDO and IIT Bombay - 3 teams selected for the final round
10.	The Thespians' Society	<ul style="list-style-type: none"> ➤ Saarang, cultural festival at IIT Madras 11th - 14th Jan 2018 <ul style="list-style-type: none"> • First place – Dramatics • Best director – Dramatics • Second place – Dial a director ➤ Unmaad, cultural festival at IIM Bangalore 2nd - 4th Feb 2018 <ul style="list-style-type: none"> • Best script – Curtain Call • Third place – Curtain Call ➤ Coliseum, theatre festival at RV college of Engineering 25th March 2018 ➤ Kuruksastra, cultural festival at SASTRA 23rd - 25th March 2018
11.	The Third Dimension Aeromodelling Club	<ul style="list-style-type: none"> ➤ Stood 1st and 3rd in HoverRace which was organized as a part of Shaastra, the technical festival of IIT Madras. ➤ Participated in DRUSE (DRDO Robotics and Unmanned Systems Exposition), conducted by DRDO. ➤ Participated in TATA Protean Challenge conducted by IIT Bombay.



President's Best Innovation Club Rolling Trophy to NITT



VRex - DC Club



NATIONAL CADET CORPS (NCC)

In 2017-2018, A Flight NCC organized 35 official parades. Every week, cadets in uniform assembled at the NSO ground. The 3rd year Cadets were responsible for the training of primarily 2nd year cadets and through them, the 1st year cadets. The parades involved practical and theory sessions. In the practical sessions, cadets were trained in the execution of the drill sequence. The 2nd year cadets were trained in the execution of rifle drill and the 1st year cadets were trained in the execution of foot drill. They were taught the commands by first explaining the specifications and minute details of each command followed by rigorous practice. In the theory sessions, cadets were educated about NCC and the responsibilities of a cadet towards society. Each parade ended with the senior cadets motivating the junior cadets to bring out the best in them. Refreshments were provided to the cadets at the end of each parade. The NCC cadets have participated / organized the following events in 2017 – 18

Catc I camp	25/07/2017 – 03/08/2017
Independence Day	15/08/2017
Orphanage Visit	21/10/2017
Blood Donation camp	09/09/2017
Breast and Cervical Cancer Awareness Programme	02/11/2017
Catc II Camp	22/12/2017 – 31/12/2017
Republic Day	26/01/2018
Eye-Check Up Camp	09/02/2018 – 11/02/2018
LAKSHYA'18	23/03/2018 – 25/03/2018



Independence Day 2017



Medals



NATIONAL SERVICE SCHEME (NSS) ACTIVITIES

BLOOD DONATION CAMP: Blood Donation Will Cost You Nothing but Save a Life. The saying seems to be well understood by the people of NITT. The Blood Donation Camp was organized by NSS on 4th November, 2017 at NITT Hospital which was a huge success with a 100 volunteers doing the noble deed of donating blood. All the NSS volunteers along with Dr. Mariappan along with members of the Tanjore Government Hospital organized the event successfully. Tanjore Government Hospital ensured that the blood donated goes for maternity purposes and childcare. Many faculties inclusive of The Respected Director of NITT, Dr. Mini Shaji Thomas, took part in this noble gesture of donating blood. The hospital and the Institute was filled with happiness to see the outcome of the event and is hopeful about conducting more blood donation camp at appropriate intervals.

CANCER AWARENESS INITIATIVE: "One-thirds of Cancers can be prevented by avoiding tobacco and leading a healthy lifestyle". With 10 lakh new cases being diagnosed every year in the country, NSS had organized a Poster Designing and Content Writing Contest with cash prize upto 2000 rupees during February. It was a pleasant surprise to see that it had a reach among other college students too who submitted worthy entries. From the many posters received, 10 posters were shortlisted for the final round where people had to get maximum likes for their post and the prizes were awarded based on the quality of the poster and number of likes. The content and posters of the Winners were also published in the NSS page honouring them with the cash prizes.

ENGLISH TEACHING event for kids at Pullambadi through "Aid India campaign", saw an enthusiastic participation of NSS members. This program was initiated to promote more English skills in rural area. Interesting quizzes were conducted to test phonetics. 20 Highly enthusiastic NSS students participated in this event enlightening the kids of Pullambadi. AID India Recognised NITT as one of prominent participants and awarded with a memento.

CLEANING DRIVE ON GANDHI JAYANTI: The activity was held on 2nd October, 2017, i.e. on the auspicious occasion of Gandhi Jayanti as a tribute to the Mahatma. The activity follows Gandhi's teachings to keep our surroundings clean. Around 15 volunteers, led by Mr. Sridharsan KS, cleaned the dirty and unkempt areas of the NSO ground.

MEDICAL CAMP: Prevention and treatment of medical issues are the main task of a health service at a youth camp. A medical camp was conducted in the village of Solaghapetti, a small village near Trichy by the team "HumaNITTy" including the students from NSS and NCC. The doctors of NIT, Trichy examined all the people residing in the village for various issues they had for free. All kinds of check-ups were arranged including the eye check-up. Free medicines were also distributed. Special attention should be paid in prevention of contagious diseases.

ASHRAM VISIT: The first year of NSS students visited MALARCHI ASHRAM and TRUWDES ASHRAM on a weekend. There were about 150 participants who took part in activities like distributing sweets, cookies, fruits with enthusiasm and interest. The event became successful because of the active participation of all the students. Events included a visit to an ashram, cleaning drive, visiting various schools and promoting awareness about various issues.

**SPORTS ACHIEVEMENTS**

S. No.	Sport	Achievement
1.	ATHLETICS	<p>Men:</p> <ul style="list-style-type: none"> ➤ Udghosh'17 (IIT Kanpur): <ul style="list-style-type: none"> • Long Jump Bronze • Shot Put Bronze • Discus Silver ➤ Revels'18 (MIT Manipal): <ul style="list-style-type: none"> • Long Jump Bronze • Javelin Silver • 4*400m Relay Silver • 400m Silver • Discus Gold • Triple Jump Bronze • 4*100m Relay Gold • 110m Hurdles Bronze <p>Women:</p> <ul style="list-style-type: none"> ➤ Udghosh'17(IIT Kanpur): <ul style="list-style-type: none"> • Discus Silver • High Jump Gold • Long Jump Silver and Bronze • 4*100m Relay Silver ➤ Revels'18 (MIT Manipal): <ul style="list-style-type: none"> • 100mGold and Silver • Shotput Silver • Long Jump Gold and Silver • Javelin Bronze • 400m Gold and Silver • Discus Gold • 200m Gold, Silver and Bronze
2.	BADMINTON	<p>Women:</p> <ul style="list-style-type: none"> ➤ Bronze at All India Inter NIT Tournament (NIT Warangal)
3.	BASKETBALL	<p>Men:</p> <ul style="list-style-type: none"> ➤ Winners at All India Inter NIT Tournament (NIT Warangal) ➤ Bronze at Colosseum'18 (Sastra University) <p>Women:</p> <ul style="list-style-type: none"> ➤ Bronze at All India Inter NIT Tournament (NIT Warangal)
4.	CHESS	<p>Men:</p> <ul style="list-style-type: none"> ➤ Winners at Sportiva'17 (PITS Thanjavur) ➤ Runners Up at All India Inter NIT Tournament (NIT Kurukshetra) ➤ Runners Up at Colosseum'18 (Sastra University)
5.	HANDBALL	<ul style="list-style-type: none"> ➤ Winners at Udghosh'17 (IIT Kanpur) ➤ Winners at All India Inter NIT Tournament (NIT Surathkal) ➤ Winners at Revels'18 (MIT Manipal)
6.	KABADDI	<ul style="list-style-type: none"> ➤ Bronze at Udghosh'17 (IIT Kanpur)



7.	KHO KHO	<p>Men:</p> <ul style="list-style-type: none"> ➤ Winners at All India Inter NIT Tournament (NIT Agartala) <p>Women:</p> <ul style="list-style-type: none"> ➤ Runners Up at Udghosh'17 (IIT Kanpur) ➤ Runners Up at Aavhan'18 (IIT Bombay)
8.	POWERLIFTING	<ul style="list-style-type: none"> ➤ Udghosh'17 (IIT Kanpur): <ul style="list-style-type: none"> • 56 Kg Category: Bronze • 69 Kg Category: Bronze • 77+ Kg category: Bronze
9.	SWIMMING	<p>Men:</p> <ul style="list-style-type: none"> ➤ Revels'18 (MIT Manipal): <ul style="list-style-type: none"> • 200m Breaststroke Silver • 400m Freestyle Silver • 200m Freestyle Silver • 100m Freestyle Bronze • 200m Breaststroke Silver • 100m Breaststroke Gold • 66m Breaststroke Silver • 33m Breaststroke Silver ➤ All India Inter NIT Tournament (NIT Surathkal): <ul style="list-style-type: none"> • 200m Freestyle Gold • 100m Breaststroke Gold • Individual Medley Silver • Medley Relay Silver • 4*50m Relay Silver • 50m Backstroke Bronze • 50m Breaststroke Gold and Bronze • 1500m free style Gold <p>Women:</p> <ul style="list-style-type: none"> ➤ Revels'18 (MIT Manipal): <ul style="list-style-type: none"> • 400m Freestyle Bronze • 200m Freestyle Silver • 100m Freestyle Bronze • 66m Freestyle Bronze • 33m Freestyle Gold and Bronze • 200m Backstroke Silver and Bronze • 66m Backstroke Gold • 33m Backstroke Gold • 200m Breaststroke Silver and Bronze • 100m Breaststroke Silver • 66m Breaststroke Bronze • 33m Breaststroke Silver and Bronze • 100m Butterfly Bronze ➤ Individual Medley Silver and Bronze <ul style="list-style-type: none"> • 4*33m Freestyle Relay Silver • 4*33m Medley Relay Silver • 4*66m Freestyle Silver ➤ All India Inter NIT Tournament (NIT Surathkal): <ul style="list-style-type: none"> • 100m Backstroke Gold

		<ul style="list-style-type: none"> • 50m Butterfly Gold • Individual Medley Gold • 100m Butterfly Silver and Bronze • 4*50m Relay Gold • Medley Relay Silver • 50m backstroke Gold • 50m breaststroke Silver
10.	TABLE TENNIS	<p>Men:</p> <ul style="list-style-type: none"> ➤ Winners at Sportiva'17 (PITS Thanjavur) ➤ Runners Up at All India Inter NIT Tournament (NIT Kurukshetra) <p>Women:</p> <ul style="list-style-type: none"> ➤ Winners at Sportiva'17 (PITS Thanjavur) ➤ Winners at Udghosh'17 (IIT Kanpur) ➤ Winners at All India Inter NIT Tournament (NIT Kurukshetra)
11.	TENNIS	<p>Men:</p> <ul style="list-style-type: none"> ➤ Winners at Sportiva'17 (PITS Thanjavur) ➤ Bronze at Colosseum'18 (Sastra University) <p>Women:</p> <ul style="list-style-type: none"> ➤ Winner at Udghosh'17 (IIT Kanpur) ➤ Runners Up at All India Inter NIT tournament (NIT Warangal)
12.	VOLLEYBALL	<p>Men:</p> <ul style="list-style-type: none"> ➤ Bronze at Udghosh'17 (IIT Kanpur) ➤ Winners at All India Inter NIT Tournament (NIT Kurukshetra) <p>Women:</p> <ul style="list-style-type: none"> ➤ Runners Up at Sportiva'17 (PITS Thanjavur) ➤ Bronze at Udghosh'17 (IIT Kanpur) ➤ Runners Up at Colosseum'18 (Sastra University) ➤ Winners at All India Inter NIT Tournament (NIT Kurukshetra)



Udghosh'17 – IIT Kanpur



All India Inter NIT Tournament – Kurukshetra

Submitted Institute Data for National Institute Ranking Framework (NIRF)

Institute ID: IR-2-E-OE-U-0467 (ENGINEERING)

Institute Name: National Institute of Technology Tiruchirappalli, Tiruchirappalli

Faculty Details

No. of Faculty members with Ph.D qualification	Total no. of Faculty members	No. of Women Faculty members
243	346	113

Student Details

Academic Year	Program Level	Approve Intake of all years of duration	No. of Male students studying in all years of all programs	No. of Female students studying in all year of all programs	Total no. of students studying in all years of all programs	No. of students from Within State	No. of students from Outside State	No. of students from Outside Country	No. of students from Economically Backward Class	No. of students from Socially Challenged Category (SC, ST & OBC)
2016-17	UG [4 Years]	3536	2609	737	3346	1391	1543	412	920	1605
2016-17	PG [2 Years]	1164	774	145	919	78	836	5	268	559

Scholarships

Academic Year	Program	No. of students receiving Freeships / Scholarships from the State and Central Government	No. of students receiving Freeships / Scholarships from Institution Funds	No. of students receiving Freeships / Scholarships from the Private Bodies	No. of students who are not receiving any Freeships / Scholarships
2016-17	UG [4 Years]	1545	127	49	804
2016-17	PG [2 Years]	863	0	56	0

Placement and Higher Studies

Academic Year	Program	No. of students placed through placement	No. of students selected for Higher Studies	Median salary of placed graduates (in Rs.)
2016-17	UG [4 Years]	555	125	653000
2016-17	PG [2 Years]	317	9	575000

Ph.D Student Details

Ph.D (Student pursuing doctoral program till 2016-17).		Total Students
Full Time		606
Part Time		398

No. of Ph.D Students Graduated (Including Integrated Ph.D)

	2016-17	2015-16	2014-15
Full Time	67	39	56
Part Time	18	15	26

University Exam Details

Academic Year	Program	No. of students admitted in the first year	No. of students admitted through lateral entry	No. of students graduating in minimum stipulated time
2016-17	UG [4 Years]	827	0	800
2016-17	PG [2 Years]	471	0	433

Financial Resources and its Utilization

Financial Year	Annual Capital Expenditure (in Rs.)	Annual Operational Expenditure (in Rs.)	Total Annual Expenditure (in Rs.)
2014-15	456982201.00	1075659492.00	1532641693.00
2015-16	240370607.00	1219687650.00	1460058257.00
2016-17	252816815.00	1262368121.00	1515184936.00

Publication Details (For last 3 calendar years, i.e. 2014, 2015,2016)

Source of Data	Publications	Citations	Top 25 % Highly Cited Papers
Web of Science	1361	4830	450
Scopus	1523	6494	370

Patent Details (For last 3 calendar years, i.e. 2014, 2015,2016)

No. of Patents Granted	No. of Patents Published	Earnings from Patents (in Rs.)

Patent Details (For last 3 calendar years, i.e. 2014, 2015,2016)

0	0	0.00
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Sponsored Research Project Details

Financial Year	Amount (in Rs.)
2014-15	110546000.00
2015-16	211801000.00
2016-17	105610500.00

Consultancy Project Details

Financial Year	Amount (in Rs.)
2014-15	13694956.00
2015-16	17619128.00
2016-17	22066139.00

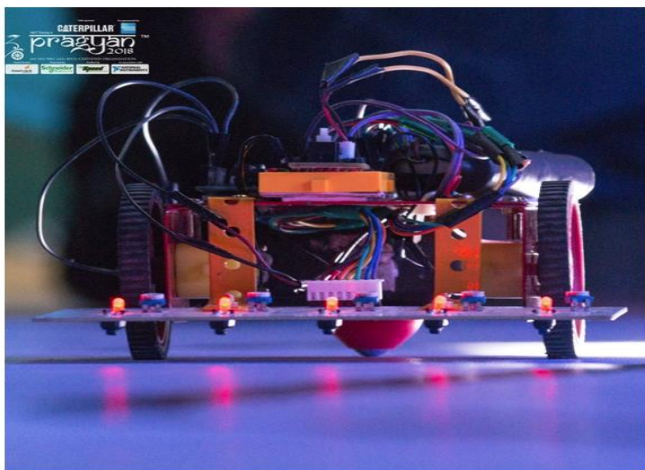
Facilities for Physically Challenged Students

Do your institution have Lifts/Ramps ?	Do your institution have provision for walking aids, including wheelchairs and transportation from one building to another for handicapped students?	Do your institution have specially designed toilets for handicapped students?
Yes, in all the buildings	Yes, in all the buildings	Yes, in all the buildings

Perception Details

Perception
248

Responsibility for accuracy and authenticity of data lies with the concerned institution.





MEMBERS OF STUDENTS' COUNCIL

President	: Mr. Daksh Khanter
Vice President	: Ms. Anu Priya Komeswaran
General Secretary	: Mr. Jittam Bhattacharya
Joint Secretary (UG)	: Ms. Suman Raj
Joint Secretary (PG)	: Mr. Jithin Joseph
Joint Secretary (MS/Ph.D.)	: Ms. K. Shobha
	: Mr. R. Dinesh Kumar
Executive Committee Members	: Mr. Koushik Sampath
	: Mr. Tejavath Bhavishya Naik
	: Mr. Arun Prasanna

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