innovate | lead | achieve

Placements

2018 - 2019

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About Us

The National Institute ofTechnology Puducherry is a premier technical institute ofthe region. NIT Puducherry was established under the 11th Five year plan vide order No. F-23-13/20-09-TS dated 30th October, 2009 by an act of parliament (NIT act 2007) and it is declared as an 'Institute of National Importance'. It is an autonomous institute that is functioning under the aegis of the Ministry of Human Resource Development (MHRD), Govt. of India.

NIT Puducherry commenced its academics in 2010 with three engineering departments viz Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering at the undergraduate level.The M.Tech in CSE and B.Tech in Mechanical Engineering course was initiated in 2014. NIT Puducherry attracts students from all over the country and abroad.The institute admits students into the B.Tech degree program based on the rank obtained in Joint Entrance Examination (JEE) since 2013, and through Graduate Aptitute Test for Engineering (GATE) for M.Tech programs. The students from abroad can take admission under DASA scheme in B.Tech.

The institute reserves 50% seats for students of home state, Puducherry and Andaman and Nicobar Islands and 3% of seats are reserved for NRI students through DASA. The institute is currently functioning at a campus of more than 250 acres with an infrastructure which emphasizes modernisation. The institute provides the ambience where creativity and new ideas flourish, producing leaders of tomorrow by imparting learning blended with excellence.

The dynamic and constantly evolving academic programmes reflect the institute's commitment to stay abreast with the expanding dimensions of knowledge worldwide. Apart from academics, extracurricular activities enhance the overall development of students, making them capable of reaching zenith in the highly competitive corporate world. NIT Puducherry has grown to be one of the most respected names in the arena of technical education in the country.

Why Recruit from NIT - Puducherry ?

The purpose of an institution of higher learning is to impart/inculcate the best of the academic experience in a chosen discipline whose pyramidal base, firmly rests on the strong core curriculum in the initial two years coupled with the specialized knowledge in the final two years. From day one, faculty in particular and all other staff emphasize on an all-round growth/development of the student with focus on academics. As a consequence, the interpersonal and career skills (both oral and written) apart from the other required technical skills, are honed resulting in professionally well grown technocrats, ready to face the challenges thereof are available to recruit and hence NIT-Puducherry stands among one of the best talent pools in the country.

> Stand among the top 10 percent of the Indian students (as evident from the JEE Mains cut-off).

Training

Students here at NIT Puducherry are encouraged to complete 60 days of industrial training along with their B.Tech degree. Apart from the frequent industrial visits, frequent training sessions are organised for the students here.

1. LARSEN &TOUBRO
2. ASHOK LEYLAND
3. ONGC
4. ECIL, HYDERABAD
5. DOORDARSHAN
6. BSNL
7. KELTRON
8. BHEL
9. NIT, TRICHY
10. HCL
11. IISC, BANGALORE
12. ISRO
13. ADVANCE TELE COMMUNICATION, HYDERABAD
14. AL-MULLA BRO &Co.
15. VISAKHA STEEL PLANT, VISHAKAPATNAM
16. MARICO LIMITED, PONDICHERRY
17. DIRECTORATE OF TRANSPORT, PORT BLAIR
18. CENTRAL INSTITUTE OF TOOL DESIGN, MANUGURU
19. TNSTC, VILLUPURAM
20. CATERPILLAR
21. APGENCO (R. T. P. P.)
22. DOORDARSHAN
23. VIZAG STEEL
24. SOLWEDISH SOLAR pvt.Ltd
25. RAYALSEEMA THERMAL POWER PLANT
26. HECL
27. SURYACHHAKRA THERMAL POWERPLANT
28. A. P. TRANSCO
29. MOHAMMAD SALEH & REZA YOUSUF BEHBEHANI C0. (GENERAL MOTORS), KUWAIT

> “ In sync with state of the art technologies and related development.

Publications and Workshops

> Consistently exposed to competition and with the rest of the technical world by engaging them with workshop, etc.

A number of students from NIT PY have published papers in distinguished journals as well as presented in various technical events, seminars and workshops :-

1. Students organized a workshop on swam robotics.

2. Students organized a workshop on Eye control robotics and Advanced Arduino products.

3. Students have published paper on usage of FDM method for commercialization of 3D printing.

4. Students have published paper on Hydraulic actuator systems with non-newtonian working fluid.

5. Students have published paper on smart road traffic control using IOT.

Undergraduate Batch

The students of B.tech batch, 2015-19 comprise of 101 students collectively in the departments of CSE, ECE, EEE and Mechanical Engineering. They are sixth batch of NIT Puducherry and have witnessed the blooming growth of the institute and have also been one of the root causes for it.

Department wise strength :-

Dept. of Computer Science and Engineering - **25**

Dept. of Electronics and Communication Engineering - **23**

Dept. of Electrical and Electronics Engineering - **27**

Dept. of Mechanical Engineering - **26**

Department of Computer Science and Engineering

The Department of CSE has existed since the inception of the institute in 2010, with an overall batch strength of 30 members. The department follows a curriculum that is both approved by the council and revised frequently based on growing trends in technology. It is seen that the best lab facilities are provided including over eighty computer systems, all having multiple operating systems. The course deals with all the core and fundamentally important subjects such as Data structures, Numerical computing, Information Security, OS, Database Management etc. In addition to this, numerous assignments are given to them including the necessity to learn a number of new languages, the students of the department, additionally possess apt knowledge in JAVA programming and Linux Systems.

A number of guest lectures, seminars and workshops from reputed organizations have been organized on hacking, coding languages etc. The faculty members have all completed their doctorates in prestigious institutes in India and abroad, are greatly experienced and, make sure that knowledge is imparted to the students in the best possible way. In addition, the college website and a number of other websites have solely been designed by the students of this batch.

Courses

Core Subjects

Advanced Computer Architecture
Artificial Intelligence and Experts Systems
Automata and Formal languages
Computer Graphics
Computer Networks
Computer organization and Architecture
Corporate Communication
Data Communication
Data Structures and Algorithms
Database Management Systems
Digital computer fundamentals
Digital Systems Design
Distributed Computing
Logical Foundations of Computer Science
Microprocessors and Microcontrollers
Mobile Communication Systems
Network Security
Object Oriented Programming
Operating Systems
Operations Research
Principles of Compiler Design
Software Engineering
Software Project Management
Systems Programming
UNIX Systems Programming

Electives

Ad-hoc and Sensor Networks
Advanced Database Management Systems
Advanced Java Programming
Advanced Microprocessor Systems
Advanced Topics In Algorithms
Data Warehouse and Mining
Design and Analysis of Parallel Algorithms
Distributed DatabaseSystems
Embedded Systems
Fault Tolerant Computing Systems
Image Processing
Information Security
Mobile Application Development
Network Principles and Protocols
Networked Multimedia Systems
Neural and Fuzzy Logic Control
Numerical Computing
Object Oriented Analysis and Design
Real Time Systems
Software Design and Practices
Software Quality Assurance and Testing
Web Services

Mathematics

Discrete Mathematics
Graph theory
Introduction to Probability Theory

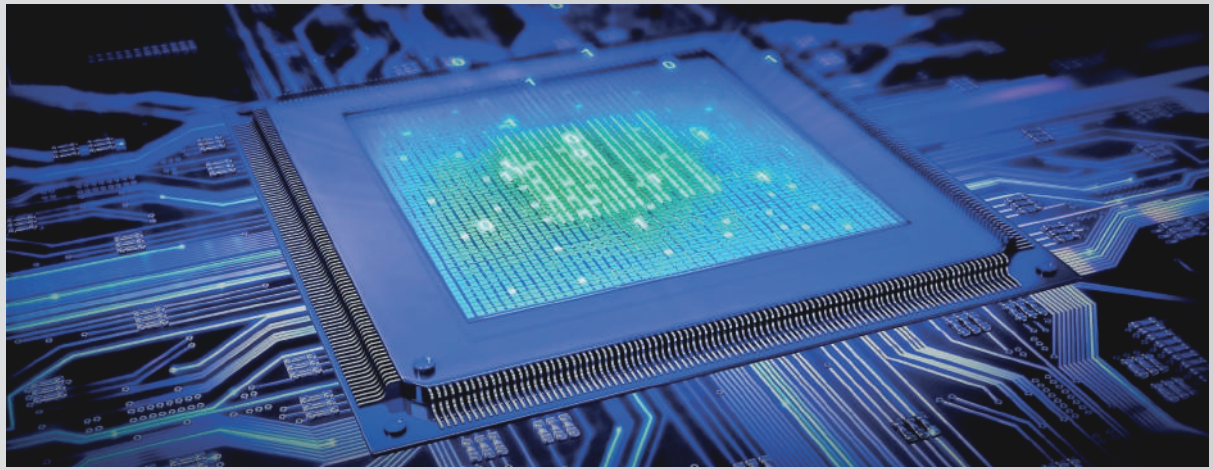
Laboratory Courses

Compiler Design Laboratory
Computer Networks Lab
Data Structures Lab
Database Systems Lab
Digital Systems Design Lab
Microprocessors and Microcontrollers lab
Network Performance Laboratory
Object Oriented Programming lab
Operating Systems lab
Web Technology Lab

Department of Electronics and Communication Engineering

The department of Electronics and Communication Engineering provides a gateway to a wide variety of subjects which address the areas of modern electronics and communication with frequently updated curriculum to keep up with the pacing electronics industry with a panel of academicians from institutes of national reputation and with renowned technologists who are up to date with the evolving trends in technology. A strong foundation in theoretical and practical knowledge is laid in the core areas such as Digital and Analog electronics, Microprocessors and Microcontrollers, VLSI, Digital Signal Processing, Image Processing, Microwave circuits, Waveguides and Antennas.

The institute laboratories are well furnished equipped and up to date with the major trends in the industry. To amplify the learning various simulations and data processing software like MATLAB, Multisim, LabVIEW, Proteus, Network simulators and Antenna designing software are employed in the laboratory class projects at various academic years in synchronization with the guidance of faculties who specialize in these fields. Thus the entire program aggrandizes core fundamental and advanced research competent to the needs of industries and laboratories with cutting edge technologies, at par with the international standards.



Courses

Core subjects

Advanced Microprocessors
Analog Integrated Circuits
Antennas and Propagation
Broadband Access Technologies
Communication Switching Systems
Communication Theory
Control System
Digital Circuits and Systems
Digital Communication
Digital Signal Processing
Digital Signal Processor and Application
Electronics Circuits
Embedded System Design
Engineering Electromagnetic
Fibre Optic Communication

Industrial Economics, Management-Concepts and Practices

Microprocessors and microcontrollers
Microwave Component and Circuits
Microwave Electronics
Mobile Communication
Network Theory
Networks and Protocols
Semiconductor Physics and Devices
Signals and Systems
Statistical Theory of Communication
Transmission Lines and Waveguides
VLSI Design

Electives

Analog CMOS Design
ARM System Architecture
Broadband Access Technologies
Design of Cognitive Radio
Digital Image Processing
Display Systems

Introduction to MEMS Biomedical Signal and Image Processing

Microwave and Integrated Circuit Design
Pattern Recognition
Principles of Radar
RF Engineering Power Electronics
Satellite Communication
Speech Processing

Laboratory Courses

Analog Integrated Circuits and Lab
Communication Engineering Lab
Devices and Networks Lab
Digital Electronics Lab
Digital Signal ProcessingLab
Electronic Circuits Lab
Fibre Optic CommunicationLab
Microprocessor and microcontroller Lab
Microwave Lab
VLSI Design Lab

Department of Electrical and Electronics Engineering

The department of electrical and electronics engineering at National institute of technology, Puducherry aims to empower the students with the state of art technologies to meet the challenges of the industries. The students are equipped with an updated curriculum with inputs from industries and reputed educational institutes. The curriculum of the department provides strong foundation in core areas such as Electrical machines, Control systems, Power systems, Power electronics, Analog and Digital Electronics, Electrical and electronic measurement, Microprocessor and Microcontroller, Power plant engineering. The curriculum also includes projects, simulations and various assignments in the interdisciplinary areas such as data structures, C, C++ to meet the requirement of software companies.

Students have also worked on Arduino Uno boards, FPGA boards, AVR Microcontrollers and other essential kits. The laboratories of the department are furnished with new and updated equipments such as machine trainer kits, NI ELVIS kits and softwares such as MATLAB, MULTISIM and LabVIEW. The department aims in educating the students with professional responsibility and ethics.

Courses

Core Subjects

AC Machines
Circuit theory
Control systems
DC Machines and Transformers
Electrical machine design
Electromagnetic theory
High voltage engineering
Measurement and instrumentation
Power electronics and drives
Power plant engineering
Power system analysis
Power system operation and control
Power system protection and switchgear
Transmission and distribution of electrical energy

Electives

Analog electronic circuits
Communication systems
Digital electronics
Electron devices and circuits
Linear integrated systems
Signals & systems

C
C++ and Data structures
Micro processor and micro controller
Applied thermodynamics
Mechanics of solids.
Fluids and fluid machinery

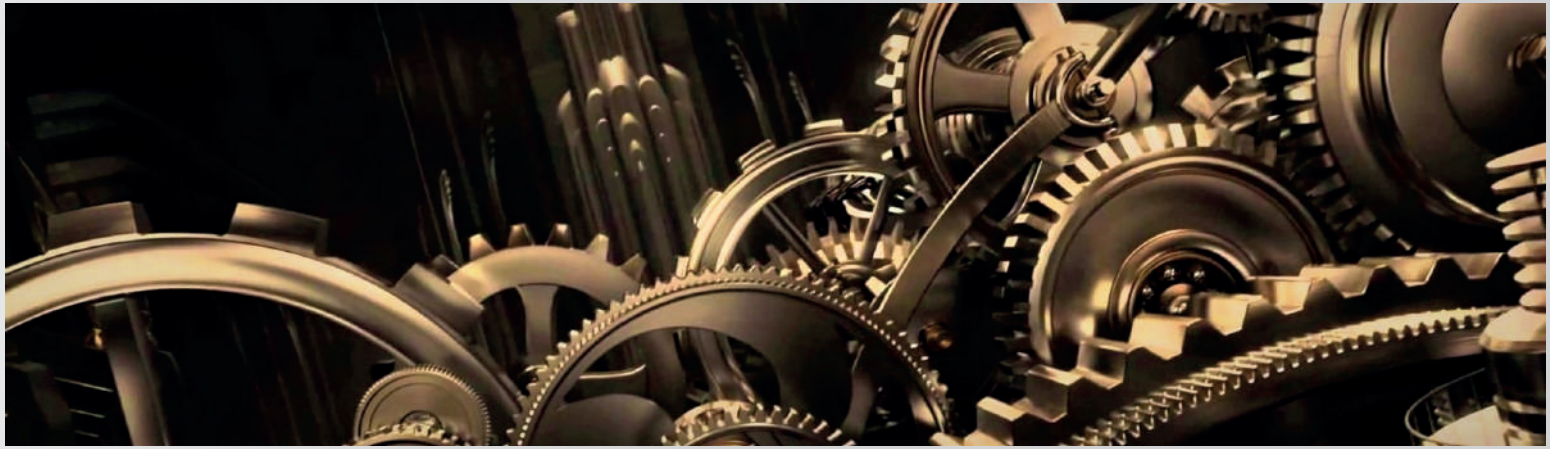
Laboratory Courses

Analog electronic circuits laboratory
Circuit theory and digital electronics laboratory
Computer software laboratory
Control and instrumentation laboratory
Electrical machines laboratory
Electron devices laboratory
integrated circuits laboratory
Microprocessor and micro controller laboratory
Power electronics and drives laboratory
Power system simulation laboratory

Department of Mechanical Engineering

Department of mechanical engineering in National Institute of Technology Puducherry was established in the year 2014.The Department aspires to produce technically sound professionals by cherishing and encouraging the student's unique technical talents and area of interests.The department has a dynamic curriculum empowered by constantly revised pedagogical methods, educating the undergraduates with all core areas such as Design, Manufacturing, Thermal and Energy Engineering in the disciplines of mechanical engineering along with modern industrial training.

The curriculum also includes both numerical simulations and experimental projects in the core areas of Mechanical Engineering. The department aims in educating the students with professional responsibility and ethics.



Courses

Core Subjects

Analysisand Design of Machine Components
Automobile Engineering
Computer Aided Design and Drafting
Design of Mechanical Drives
Engineering Measurement
Engineering Metallurgy
Engineering Thermodynamics
Fluid Mechanics and Hydraulics
Heat and Mass Transfer
Machine Drawing
Mechanics of Machines
Production Technology
Refrigeration and Air Conditioning
Strength of Materials
Theory of Metal Cutting

Laboratory Courses

Computer Aided Design and Drafting Practice
Dynamics Lab
Engineering Metallurgy
Fluid Mechanics and Hydraulics Lab
Measurements and Metrology Lab
Production Technology
Strength of Materials
Thermal EngineeringLab

Electives

Computational Fluid Dynamics
Finite Element Methods
Solar Power Engineering

Postgraduate Batch

The fourth batch of M.Tech 2017-2019 at the Department of Computer Science and Engineering has **8 M.Tech students**. They have contributed in the advancement of the institute in terms of research, infrastructure etc. The batch enjoys the taste of mixed culture and beliefs. Team work and open mindedness has helped the students collectively manage various affairs of the institute with vigour and successfully completed them with the same gusto. The institute has continuously aided the students in paving their path to the future by regular guidance provided by faculties to students both in their educational and personal life.

The inter-disciplinary approach to education has helped to mould these students as efficient engineers with high ethical and human values. They have participated actively in various associations such as SwachBharath, blood donation camps, Geenex pro grams, Run for Unity etc.

> Strong emphasis on project based learning making them promising and prospective leaders in their chosen profession.

Courses

Core Subjects

Mathematical Foundations for Computer Science
Advanced Data Structures and Algorithms
Advance Concepts in Operating systems
Advance Network Principles and protocols
Advanced Data Base Management System (DBMS)
Seminar and technical writing

Laboratory courses

Network Programming Laboratory
Advanced Programming Laboratory
Advanced DBMS Lab

Electives

Cloud Computing
Computer graphics and Image processing
Open Source Programming
Artificial Intelligence and Expert systems
Data Warehousing and data mining
Internet of Things
Distributed Systems
Design and Analysis of Parallel Algorithms
Wireless Sensor Netwroks
Real Time Systems
Mobile Network Systems
Network Security
Machine Learning
Information Retrieval Techniques

Student life

SPORTS

A frequent location for the inter NIT tournaments and various other national and state level competions. The institute celebrates the annual sports day with the culmination of various sports activities-athletics, badminton, basketball, football, volleyball, throw-ball, hockey, cricket, table-tennis, etc.

INNOVATION CLUB

Innovation club at NIT-PY is an interdisciplinary club, primarily focuses on collecting innovative and creative ideas from students and transforming them into worthwhile projects. The ideas hence gathered can be put to meaningful use with a careful approach and meticulous effort to develop products of industrial standard and obtain commercial outputs. The club collaborates with other premier institutes and industries to exchange their ideas upon the project taken by the students.

It collects the ideas from the students in the beginning of every semester. Members of the club find the suitable person from all the departments of NIT PUDUCHERRY to guide the project to be made. Every year the best project gets selected and the student present the project at RASHTRAPATHI BHAVAN, New Delhi.

CULTURAL CLUB

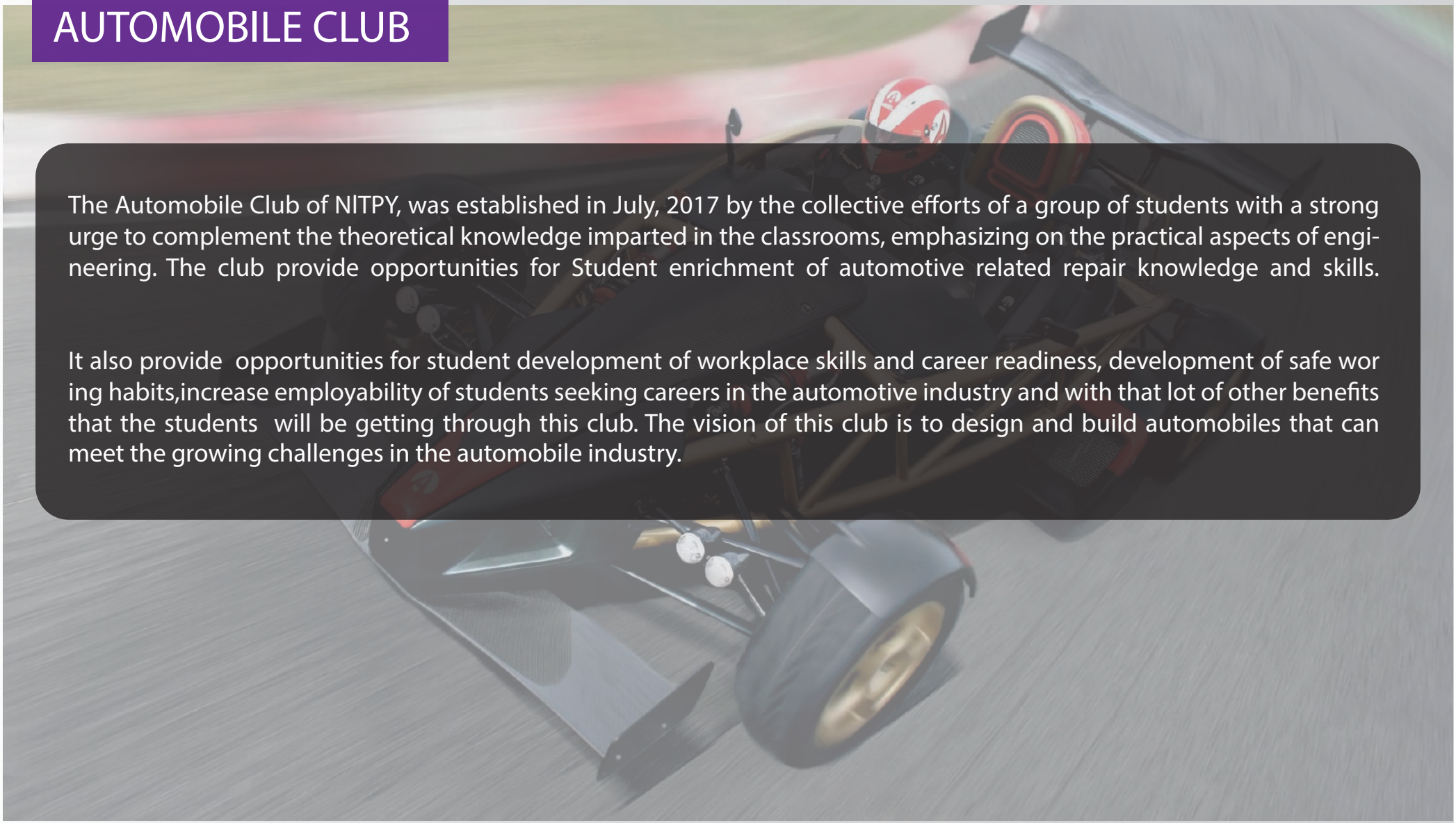
The cultural club of NIT-PY is responsible for keeping the spirits alive on the campus by organizing multitude of cultural activities around the year. It brings up the hidden talents of the students. It provides the students with a platform to go beyond the academic quest and explore their creative and artistic sensibilities.The club conducts many cultural events which include dance, singing, mime, music and so forth. It aims at providing a vibrant community for people to come together to celebrate and relax. This club is the common ground where students of NITPY come and make memories for lifetime.

UNNAT BHARAT ABHIYAN

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Their mission is conceptualised as a movement to enable processes that connect institutes of higher education with local communities to address the development challenges of rural India through participatory processes and appropriate technologies for accelerating sustainable growth.

Under this flagship program of the Ministry of Human Resource and Development , National Institute of Technology, Puducherry has adopted 6 Villages in and around Karaikal.The institute has been very keen develop this program to further scaling heights in coming years in order to contribute more to the neighbouring society and develop a social responsibility among students.

AUTOMOBILE CLUB



The Automobile Club of NITPY, was established in July, 2017 by the collective efforts of a group of students with a strong urge to complement the theoretical knowledge imparted in the classrooms, emphasizing on the practical aspects of engineering. The club provide opportunities for Student enrichment of automotive related repair knowledge and skills.

It also provide opportunities for student development of workplace skills and career readiness, development of safe wor ing habits,increase employability of students seeking careers in the automotive industry and with that lot of other benefits that the students will be getting through this club. The vision of this club is to design and build automobiles that can meet the growing challenges in the automobile industry.

ROBOTICS CLUB

The Robotics club of NITPY was formed out of the passion for robotics, to facilitate learning and research in the areas of robotics and Intelligent Systems, Automation, and Sensors & Algorithms. Our aim is to acquire knowledge and appropriate hands-on experience, in order to meet the needs of these rapidly changing technologies and provide services to industry for promoting new technologies as well as designing and manufacturing . commercially viable products, for the development of our country. Along with technological advancement, taking up socially relevant projects that can be brought to the aid of common people are of prime importance to us.

We also make sure that the knowledge acquired is shared with students, by conducting workshops, exhibitions and talks thereby introducing them to this the stream and invoking an interest among them for the same. Currently undergoing projects include Home Automation with real-time data processing, LED cube designing and programming, Gesture controlled Robot, Eye Controlled Robot, Wireless Swam Robotics, HexaBot Designing, Automation with machine learning.

TECHNICAL FESTIVAL

Up until 2016, NIT Puducherry celebrated three different fests namely Tarangg, Knosys and Spreee. But this year we packed the awesomeness of all three fests by combining it into one Mega threeday fest. Presenting Gyanith '17, our very own first collaborated fest. which took place in February of 2017. Aspiring engineering students from different colleges all over India came to our prestigious institute to showcase their talents. Students took active participation in various technical events ranging from code debugging to bomb diffusion to racing self-made quad-copters and the list went on. That was not the end of it. Many non-technical events were also held where interactive and logical skills were pushed to the limits. Treasure hunt, Auto Show, paper presentation and quiz competitions also involved massive participation with rewards ranging from huge cash prizes to even winning an internship at IIT Bombay.

Gyanith also comprised of various workshops which provided a platform for students to reach in to their inner Einstein's, making them innovative for a better future. The word Gyanith literally translates to "enlightenment". Our workshops created an unforgettable experience of learning, fun, memories and creation. Many of our workshops were conducted by innovative techevangelists of our institute. Our very own Robotics Club held workshops such as Swarm Robotics and "Crabbot", opening doors to the vast held of Robotics and its applications in the real world. We also conducted workshops such as RC plane design, introducing topics such as aerodynamics and radio communication. Computer Science students also conducted workshops based on J-Query and Game Development Using Virtual Reality which sounds pretty cool and fascinating for all the techno-OS out there. Our college in collaboration with NT Bombay conducted a workshop based on Solar Smart Energy System which was also a major success along with other workshops and events.

Gyanith was a commercial success as well. We received various sponsors from 'ONGC', 'GAIL', 'PPCL' etc making Gyanith a marketing exemplar where sponsors explored numerous aspects for publicity and elevation of their enterprise. Overall team Gyanith, which comprised of our very own students and faculty, made it a grand success by taking major responsibilities, decisions but mostly portraying a sheer will and determination shared by every NITian and will continue to do so further on in the coming years.

CULTURAL FESTIVAL

Le'Ciel 2017, the annual intra-college cultural fest organised by the students of all the departments of NITPY, with the notion that extracurricular activities and interpersonal skills are of great importance in the overall development of a person, NITPY has provided a platform for its students to showcase their talents in various cultural events held at the fest. It was a two day long programme. A number of events such as group dance, solo dance, group singing, duet singing, face painting, sketching, short film making and online events including photography, dub smash and many more activities had attracted a huge participation.

Guest performances by notable personalities were an inspiring part of the show. the entire fest was a blend of healthy competition and enthusiasm. It paved a way for the exposure of all the hidden talents of the students and their efforts to prove themselves were commendable. The winners were awarded with cash prizes in view of recognition and encuragement. An ethnic show, reflecting the beauty of our culture maked the end of the vibrant fest.

Placement process

1

Placement office sends invitation via mail/post along with the brochure and job application for to the companies/organizations

2

Companies/organizations interested in recruiting show their interest to T&P head through **narendran@nitpy.ac.in**
Hirer fills JAF for each profile they wish to hire for. Once the completed JAF with all the required detail is recieved, T&P cell will establish a contact with the company regarding hiring process.

3

Pre-placement talk if any can be conducted on a convenient date fixed on mutual consent between company and T&P cell.

4

Eligible candidate register for the respective company/organization according to the job profile and criteria.

5

A feasible date is allotted by the placement office with mutual consent for conducting online exams and interview.

6

Once the selection process is completed, company/organization is requested to announce the final student list on the same day or at the earliest as our placement policy is “ONE PERSON ONE JOB”.

The mission of Training and Placement cell

To provide adequate training to every student, making them eligible for the placement process and helping them face it with less effort.

To provide an active interface between potential employers and students.

The training and placement cell strives to develop relations with recruiters in every lield ensuring wide choices in the student's career opportunities which guarantees satisfaction both with the company and the cell.

To guide and propel our students In the direction of a successful placement.

Placement enhancement activities

1. Mock aptitude tests
2. Mock group discussions
3. Mock interviews
4. Technical skills enrichment programs
5. Soft skill development classes
6. Various seminars and paper presentation activities
7. Guest lectures by notable dignitaries
8. Frequent workshops in every field
9. Student counselling regarding career paths

Our past recruiters

TRAINING AND PLACEMENT CELL

NATIONAL INSTITUTE OF TECHNOLOGY-PUDUCHERRY

(An Institute of National Importance under MHRD, Government of India)

Job Announcement Form (2018-19)

Company Details

I. Name of the Company/Organization :

II. Website :

III. Industry Sector : ☐ Core engineering ☐ IT ☐ Finance ☐ Others

If Others, Please Specify :

IV. Skill Set Required :

Job Profile

Designation :

Compensation Package :

Bond or Service Contract : Yes ☐ / No ☐

If Yes, Specify Details :

Selection Process

Resume Short Listing ☐ CGPA ☐ Written Test ☐ Tech ☐

Group Discussion ☐ Personal Interview HR ☐ Online Test ☐

If others, please specify:

Graduate Streams of Interest: B. Tech CSE ☐ B. Tech ECE ☐ B. Tech EEE ☐ B. Tech MECH ☐

M. Tech CSE ☐

CGPA Cut-off (if CGPA): - B. Tech :

M. Tech :

Proposed date of visit :

Contact Person

Name : Designation :

Email : Phone : Fax :

Postal Address:

P.S The filled JAF should be mailed to narendran@nitpy.ac.in, Placement@nitpy.ac.in

How to reach us?

Distance from popular sources :-

From Puducherry Domestic Airport : 135 kms
From Chennai international Airport : 290 kms
From Trichy international Airport : 162 kms
From Chennai Egmore Railway Station : 330 kms
From Trichy junction Railway station : 160 kms

Travel from nearby cities :-

	By road	By Rail
Chennai	: 7 hours	9 hours
Trichy	: 4 hours	3 hours 50 minutes
Puducherry	: 3 hours 30 minutes	

Scan the above QR code to locate NITPY on google maps

Contact Us...

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