



NASHIK INSTITUTE OF TECHNOLOGY (NIT) NASHIK'S Late Annasaheb Patil Polytechnic

Institute Address : Canal Raod, Behind Hydro - Division (MERI), Dindori Road, Panchvati, Nashik - 422 003. Maharashtra, INDIA

CIVIL SANDWICH

AUTOMOBILE

ELECTRONICS &
TELECOMMUNICATION

COMPUTER

CIVIL

ELECTRICAL

MECHANICAL



INSTITUTE CODE - 5369

INFORMATION BROCHURE
Academic Year 2014 -15

About Institution

Late Annasaheb Patil, Polytechnic, Nashik established by The Nasik Institute of Technology (NIT), in the year 2010. The institute is approved by AICTE and affiliated to Maharashtra State Board of Technical Education (MSBTE) Mumbai located at heart of Nasik city.

The institute has gone far ahead of just class room teaching and vigorously introduced activities like student seminars, guest lectures by experts in different fields, mini-projects by students in part of their summer vocation, adjust courses in recent developments etc. to name a few. The institute also actively encourages its teaching and supporting staff to acquire higher qualifications and supports them while they do so. This is done with a view to enhance the quality of educational activities in the institute. As a result of this, the institute can boast of a very percentage of staff with Post Graduate and Ph.D. qualifications. The college is located in the land admeasuring 08 acres just 3 km away from the Central bus stand Nasik

Nasik Institute of technology (NIT's) focuses on imparting engineering education from the very beginning highly relevant for the Indian industries to meet their demand of trained manpower with practical experience and sound theoretical knowledge.

Approved by

Directorate of Technical Education & All India Council of Technical Education (AICTE)

Affiliated to Maharashtra State board of Technical Education (MSBTE), Mumbai

Quality Maxims

- Situated at the heart of Nashik city, just at a calling distance from Nimani bus stop.
- Scientifically planned infrastructural facilities
- Consistent Industrial Visit, Seminars, Workshop, Guest Lectures, for knowledge up gradation of student and faculty.
- Competent and dedicated Faculty
- Well equipped laboratories as per MSBTE norms.
- Workshop and teaching - learning setup
- Excellent work culture and congenial campus atmosphere in Nashik
- Active training and placement cell.
- Good interaction between upgrading industry and institute.



बहुजन हिनाय तत्परम तंत्रज्ञानम्.



Genesis

• It is my pleasure to introduce Nasik Institute of technology's (NIT'S) Late Annasaheb Patil polytechnic with the sincere hope that your presence here will be rewarding and that you will leave as promising professionals and capable technocrats to serve society and nation.

• Technology is not a thing in the ordinary sense of the term, but an "ambivalent" process of development suspended between different possibilities.

• Maharashtra is one of the most industrialized states in the country.

• The industrial development has picked momentum in developing cities in the Maharashtra

• Nasik is one of the most promising cities in the state and attracted more than 174 medium and large industrial units employing over 95.364 people.

• Many reputed and large organizations like Mahindra & Mahindra, MICO, Siemens, Compton Greaves, Kirloskar, Thyssen Krupp Steel, Jindal, Brook Bond, L & T, Cet, VIP, Carbon Everflow, Garware, Jyoti structures, Samsonite, Glaxo India, Hindustan Aeronautics Ltd. Etc have established their units in the District.

• Maharashtra's first multi product SEZ for growth sectors like electronics/electrical, Automobile And Auto component etc is also taking shape in Sinnar.

• These industries have brought the district on National and International map

• This enormous development of the region is realizing the growing demand of the technical expert in the industrial sector which is believed to take a leap from 8 to 10 % in the next few years.

• Through my last 36 years of experience in the various sectors like industrial, Construction, Banking, Social etc.

• I strongly believe that there is still a long way to go to attain the increasing demand of technology Savvy minds by the industry and for that the excellence in education and training is the need of hour.

• Over the year it will grow into a leading education center in Maharashtra, widely recognized for its modern state-of-the-art infrastructure, vibrant campus and academic excellence in the field of technical education.

• The courses designed are amongst the best in the industry and is believed to equip the with effective knowledge, potentials, insights and expertise so that they can make a successful and bright career.

• Keeping in the mind the requirement of building construction industry, we have designed sandwich course in civil engineering to give in-depth knowledge of onsite working.

• We trust the fact that if youth is equipped with proper knowledge and skills, they can be the most powerful global asset. We are proud to say that we are creating youth-anium (Intellectual Youth Power).

Shri. Suresh Annaji Patil

B.Sc., LL.B. (Hon.)

President, Nasik Institute of Technology (NIT), Nashik.



Shri Suresh Annaji Patil, President, Nashik Institute of Technology (NIT), Nashik. A versatile personality of the Nashik District, Having a vast experience in various fields including Education, Construction, Industrial, Banking & Social etc.

MERI - Soil Testing & research department

INDIAN TOOLS - Heat Treatment Department

SSI Unit - Exercise Book Manufacturing Unit

INDIAN RAILWAY - Agro Produced Transportation

SHRADHHA LAND DEVELOPER & BUILDER -

PAST PRESIDENT - Promoters & Builders Association of Nasik (PBAN)

DIRECTOR - Godavari Urban Co - Op Bank Ltd., Nasik

PROMOTER - Shraddha Petroleum, College Road, Nasik.

Ex - CORPORATOR - Ex - Chairman Standing Committee - NMC

FOUNDER PRESIDENT

- Nashik Medico Training's College of Nursing, Indira Nagar.
- Godavari Foundation's D.Ed College, Indira Nagar.
- Goda-Shraddha Foundation - Engaged in Youth Development.



MISSION

"To give the quality technical education for empowerment of the common masses."

VISION

"Dedicated to promote the quality technical education through advanced teaching and learning process, high quality research and extension to serve the human society for sustainable development by developing community, the ability and passion to work wisely, creatively and effectively, for the betterment of Humankind"



From Principal's Desk



It gives me immense pleasure in introducing you to the world of diligent, dynamic and committed engineers of our college. "A Teacher affects eternity, no one can tell where his influence stops." Our teachers impart high quality education and strive hard to produce excellent academic development.

Our students are technocrats of excellent caliber; contribute to the nation's development in their own individual ways. The students from this institution are present all over the world, adding feather to our cap by occupying dignified positions. The students are planning to scale newer heights in placement and I wish them success in their endeavor.

Prof. Bagul Sanjay J.

Principal

D.Ph.D. Electronic (Pursuing), M.E. (Instrumentation)

COURSES OFFERED FOR 2014-15 & SEATS AVAILABLE

| Sr. No. | COURSES | COURSE CODE | COURSE DURATION | INTAKE | TFWS |
|-----------------------------|---|-------------|-----------------|--------|----------|
| First Shift Courses | | | | | |
| 1. | Automobile Engineering | AE | 3 Years | 60 | 03 |
| 2. | Civil Engineering (Sandwich) | CV | 4 Years | 60 | 03 |
| 3. | Civil Engineering | CE | 3 Years | 60 | 03 |
| 4. | Electronics and Telecommunication Engineering | EJ | 3 Years | 60 | 06 03 |
| 5. | Electrical engineering | EE | 3 Years | 60 | 03 |
| 6. | Computer Engineering | CO | 3 Years | 60 | 03 |
| 7. | Mechanical Engineering | ME | 3 Years | 120 | 06 |
| Second Shift Courses | | | | | |
| 1. | Civil Engineering | CE | 3 Years | 120 | |
| 2. | Mechanical Engineering | ME | 3 Years | 120 | |

ADMISSION ELIGIBILITY

First Year admission

Candidate should be an Indian National and should have passed the SSC (Std.X) examination of Maharashtra State Board of Secondary Education or its equivalent, with subjects Maths/Mathematics, General Science and English, with minimum 35% aggregate marks.

Direct second year Admission

12th Science /Vocational/Technical or ITI (10th + 2 years ITI) or ITI(COE) with duration of Three Modules of 2 yrs duration. Direct second year admission is done as per centralized admission process (CAP-2013) directed by DTE, Mumbai.

Other than Maharashtra state students (OMS)

As per Rules for Admission to First Year of Post SSC Diploma Courses in Engineering /Technology In Government, Government Aided & Un-Aided Polytechnics in Maharashtra State For the academic year 2013-14 by DTE,Mumbai.

COURSE CODE

536921610 | 60
536919110 | 60
536919120 | 120

CIVIL



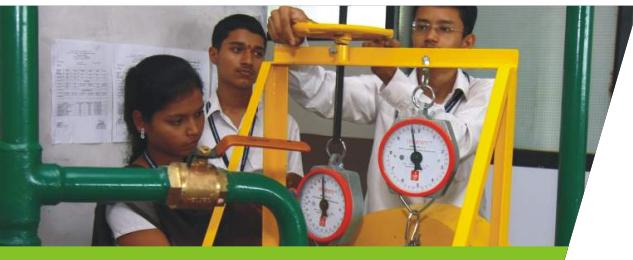
Department of civil engineering conduct two courses

1. Diploma in civil engineering (sandwich pattern) - Duration 4 years

- The four year sandwich pattern course in civil engineering offered by our institute.
- The student is required to undergo in plant training for two semesters in fifth and eighth semester.
- Well equipped labs with latest technologies and instruments are provided in our college.
- Aesthetic drawing hall and drawing tables are also provided for department.
- Well lighted and ventilated special class rooms are provided for department.
- Highly experienced and qualified staff.
- Numbers of activities are undertaken by the department to develop the professional attitude.
- Ample site visits and practical knowledge as per MSBTE rules.

2. Diploma in Civil Engineering - Duration 3 years

- It is six semester three year course deals with the design, construction and maintenance of building, bridges, roads, canals, dams, docks, tunnels etc.
- The department is having well equipped laboratories with well qualified staff members.
- Number of activities are undertaken by the department to develop the professional attitude and personality of individual student.
- Department emphasizing the process of learning and critical thinking, by conducting original research and by promoting professional relationship among the polytechnics, the business community and engineering college.
- A comfortable and spacious sitting arrangement provides a complete academic atmosphere in department.



MECHANICAL

COURSE CODE

536961210 | 120
536961220 | 120

Duration 3 years



- Routine classroom teaching is enhanced by "modern & interactive" teaching tools & techniques
- There are well-equipped laboratories, workshop with modern and sophisticated machinery which enhance the learning process, and help students to get wide practical knowledge
- Department takes various initiatives for technical exposure of students through Industrial Visits, Expert Lectures.
- Highly qualified & experienced faculties are available to guide and encourage student's intellectual growth.
- Department constantly helps & encourages students to develop their interpersonal skills & motivates them to participate in State level & National level technical events.
- More emphasis is given on process of learning & critical thinking through indigenous research projects conducted by students

COURSE CODE

536960210 | 60

AUTOMOBILE



Duration 3 years

Diploma (Automobile Engineering) - Stands for Diploma in Automobile Engineering. Typically, a diploma (automobile engineering) is for three years, minimum eligibility for which is a (10+2) in science.

Diploma in Automobile engineering degree offers both practical and theoretical knowledge about Automobiles. Additionally the subjects studied under this degree are mathematics, Basic Computers, Science, Engineering drawing and Auto CAD

Laboratories Available

- Engine Lab.
- Automobile Chassis lab.
- Automobile System and Body Engg. Lab.
- Automobile CAD Lab.

Major Equipment's and Machineries in the Laboratories

- Four stroke Engine Cut Section Model
- Heat Power Lab equipment's
- Varies types of Braking System Models
- Varies types of suspension system models
- Lubrication system models
- Ignition system models
- Vehicle layout and transmission system.



COMPUTER

COURSE CODE
536924510 | 60

Duration 3 years

- To develop strong and effective teaching environment as well as provide high-quality education to students so that they can adapt to challenging work environment especially in the field of computer engineering.
- The department focuses on creating versatile professionals with academic excellence and professional approach so that they can apply their knowledge and skills anywhere in the world.
- The goal of the department is to encourage the students by polishing their talents so as to cultivate competency, responsibilities, and highly rewarding careers in computer engineering profession and to present them as responsible citizens.
- The departments is having very good infrastructure equipped with five laboratories comprising of requisite software and latest PCs with internet facilities. We allow the services of all the labs for projects, practical as per requirement of the student.
- Well qualified and experienced faculties are available to guide students through their educational voyage and intellectual growth.
- All the experienced faculty members are actively involved to improve the academics, co-curricular & extra-curricular knowledge & activities of all the students.
- The department is very attentive about the attendance of students throughout the year & has prepared the feedback system for defaulter students.
- The department arranges the Guest Lectures, Industrial Visits, Interdepartmental activities, as well as parent teacher meetings, departmental seminars & Project Competitions & also promotes the students to participate in Dipex, State level seminar & project competitions.



COURSE CODE
536937210 | 60

ELECTRONICS AND TELECOMMUNICATION



Duration 3 years

- As one of the fastest developing fields, E&Tc is much in demand, with rapid evolution in industry this trend will not slow down in future.
- Keeping pace with changing technology the department always tries to update its laboratories with latest equipment.
- Well Qualified and experienced staffs are available to guide students through their educational voyage and intellectual growth.
- Department has virtual classrooms & virtual laboratories.
- In order to keep pace with recent advancements in telecommunication technologies, department has initiated final year projects on subject.
- The short term training programs & Experts lectures are also carried out.
- The staff also regularly undergoes continuing education programs to keep themselves up-to-date with recent technologies.



COURSE CODE
536929310 | 60

ELECTRICAL

Duration 3 years

The Electrical department's mission is to advance, evolve and enhance Electrical Engineering fundamentals to build the intellectual capital of research among the students with the smart guidance from the dedicated faculties. The department has modern and well equipped laboratory. The Electrical Department effectively prepares students to pursue leadership, technical, and management positions in a variety of industries.



The Department of "Electrical Engineering" was established in the year 2010. The inauguration and organization of this 'Branch of Study' stem out of following considerations:

- 'ELECTRICAL' is a Branch of 'Engineering Study' that creates interest and provides right 'perception' and 'insight' into 'Fundamentals'
- 'ELECTRICAL' Branch opens up excellent scope for 'New Avenues' for adaptation and thus enables pursuit of hi-tech Specialization



CENTRAL LIBRARY

- The college has a well established and equipped library with all references, text books and Technical journals. The college library has online access E-library facility to refer national and international journals, conference papers.
- A fully automated modern Library & Information Centre (LIC)
- uncompromising information and intellectual requirements of the students, faculty, and researchers.
- A balanced collection of hard copy, audio/video, CD-ROM, and other electronic forms of documents is available
- The LIC has one of the finest collections of latest technical national, international journals ,conference publications.



TRANSPORTATION FACILITY

- The College has adequate buses which are made available to the students and the faculty members for commuting from various points in the Nashik city.
- Institute provides transport facility to our students through a fleet of buses, covering almost all major landmarks in Nashik .
- “No profit No loss basis”.
- Bus route covers CIDCO, Satpur, Nashik Road, Mumbai Naka, Indiranagar, Vijay Nagar, Patahrdi Phata almost all major routes in Nashik city.

HOSTEL

- The Institute has magnificently designed separate hostels outside the college campus.
- Separate boys and girls each with all modern facilities, for boarding and other recreational activities.
- The hostels have their own mess to provide good and hygienic food to the students.
- The boys' hostel has the capacity of about 120 boys (extendable up to 150).
- The girls' hostel can house 20 girls (can be extended up to 50).
- The types of rooms are cubicles and dormitories.
- Mess is maintained on co-operative basis.

Institute Code - 5369

Application Form Receipt Center - ARC - 5369

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|------------------------------------|-----------|-----|
| Civil Engineering (sandwich)(CV) | 536921610 | 60 |
| Computer Engineering (CO) | 536924510 | 60 |
| Civil Engineering (CE) | 536919110 | 60 |
| Mechanical Engineering (ME) | 536961210 | 120 |
| Electrical Engineering (EE) | 536929310 | 60 |
| Automobile Engineering (AE) | 536960210 | 60 |
| Electronics & Telecomm. Engg. (EJ) | 536937210 | 60 |

Second Shift

| | | |
|-----------------------------|-----------|-----|
| Mechanical Engineering (ME) | 536961220 | 120 |
| Civil Engineering (CE) | 536919120 | 120 |

SPORTS CULTURAL ACTIVITY

- The Institute is a Member of the Inter Engineering Diploma Students Sports Association on (IEDSSA).
- The Sports activities, help our students refresh, de-stress and keep fit. every semester
- The Sports Day encourages students along with the Faculty to participate in teams, promoting healthy competition.
- The different games that are played here include Cricket, Volleyball, Football, Badminton and Basketball.



Action against ragging

Ragging within or outside of any educational institution is strictly prohibited Whosoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside any educational institution shall, on conviction, be punished as per Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education.

F.No.37-3/Legal/AICTE/2009 dated 01-07-2009.



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