



NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Perundurai, Erode - 638052, Tamil Nadu, India. Email: principal@nandhaengg.org

Website: www.nandhaengg.org Phone: 04294-225585

7.1 Institutional Values and Social Responsibilities

7.1.7

The Institution has disabled-friendly, barrier free environment

S.No	Description	Page No
1.	Policy Document	1
2.	Brochure	2



NANDHA ENGINEERING COLLEGE

(Autonomous)

Affiliated to Anna University Chennai + Approved by AICTE + Accredited by NBA-NewDelhi

Pitchandampalayam, (P.O), Vaikkalmedu, Erode - Perundurai Road, Erode - 638 052

Phone : 04294-225585, 223711, 223722, 226393 Fax : 04294 - 224787

Website : www.nandhaengg.org

E.mail : info@nandhaengg.org

Dr. N. Rengarajan B.Sc.,B.Tech.,M.E.,Ph.D.

PRINCIPAL

DIVYANGJAN POLICY AND INITIATIVES

Objective:

1. To create and nurture an inclusive culture to avoid discrimination, exploitation and exclusion of disable students and staff from aspects of work and education
2. To create suitable regulatory mechanism for effective delivery of services to disable students and staff of our college
3. To ensure implementation of all legislations with respect to person with disabilities.

Admission policy for persons with disabilities:

Total five percent seats in all the programmes are reserved for persons with disabilities according to the guidelines given by AICTE and Anna University, Chennai.

Exam Policy:

1. The college shall make suitable arrangements for Divyangjan students to write the examination.
2. The examination section will follow the guidelines issued by Anna University, Chennai in giving extra time or assisting them with scribes.

Facilities and Initiatives:

1. The College is having infrastructural facilities like wheel chair, ramps, and restrooms with accessible toilets, scribes and helping desk at the reception.
Currently there are no Divyangjan students in the campus. If admitted in the future, then the college will provide the other required facilities.

Principal

**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.**



NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

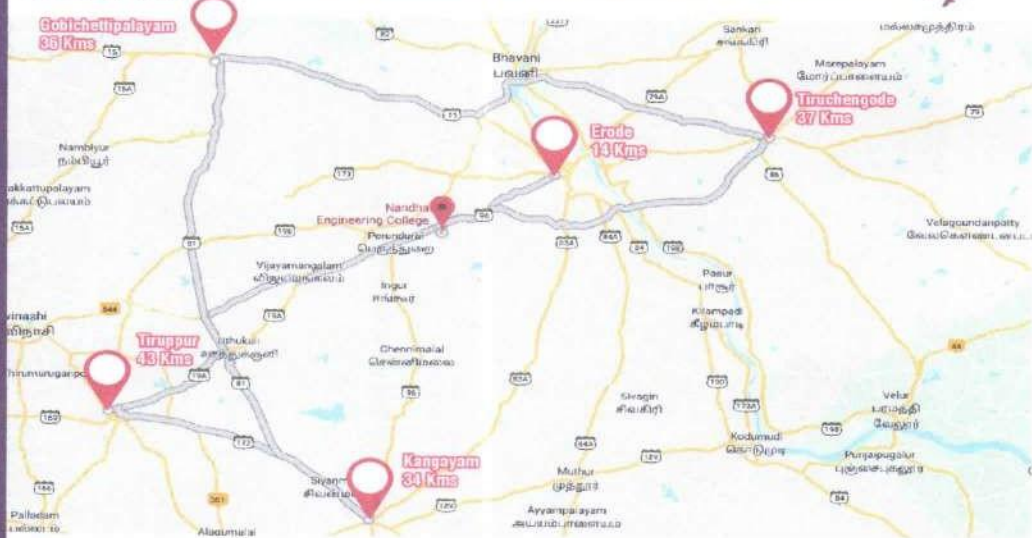
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Perundurai, Erode - 638052, Tamil Nadu, India. Email: principal@nandhaengg.org

Website: www.nandhaengg.org Phone: 04294-225585

Brochure

Reach us...



Railway Station : Erode Junction 14 Kms | Airport : Coimbatore International Airport 76 Kms

CONTACT

For Admissions : 73737 14477

College Office
Nandha Engineering College
(Autonomous)
Vaikkalmedu Bus Stop, Perundurai Main Road,
Pitchandampalayam (Post), Erode - 638052,
Tamilnadu.

Admission Centre @ Tiruppur
Nandha Information Centre
11, R P Complex, First Floor, Puthuthottam Street,
Palladam Road, Tiruppur, Tamilnadu.
Phone : 0421 4971713

/nandhaengineeringcollege,autonomous Connect us through

/nandhatv



Facilities for Differently Abled

Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,
PRINCIPAL
NANDHA ENGINEERING COLLEGE
(Autonomous)
ERODE - 638 052.



Nandha Engineering College

(Autonomous)

(Affiliated to Anna University, Chennai, Approved by AICTE, Accredited by NAAC & NBA)

COUNSELING CODE
2715



REDEFINED ENGINEERING

EDUCATION

www.nandhaengg.org

2020 - 21

NANDHA
Right **DESTINATION**
for your **GOALS**

Chairman Message



I am immensely pleased to know that Nandha Engineering college has become alma mater for many of our young and future generations. Success starts with a thought or idea when nourished with hope and confidence, that idea sprouts, blossoms and leads to action with knowledge. Nandha Engineering College is creation to impart and provide such a knowledge which strength and power to the society with the learning of the latest developments of the world is to meet the growing demand for trained man power.

We are set to take the mission of implementing new education methodologies to enable quality learning. It also encourages independent thinking and helps the student in developing wholesome personality so that they can contribute their best to the society and the country. Nandha Engineering College takes keen interest in updating its infra structures which provides an ambience that stimulate intellectual thinking and academic interaction to meet the technological revolution and new challenges of modern era.



VISION

To be a World Class Engineering Institution in Learning Technological and Socio - Economic Development of the country by Enhancing the Global Competitiveness of Technical Manpower and by Ensuring High Quality Technical Education Through Dissemination of Knowledge, Insights and Intellectual Contributions.



MISSION

To Provide Value based Technical education and mould the character of younger Generation.



QUALITY POLICY

To Pursue global standards of excellence in teaching , research, consultancy and other continuing programmes and constantly improve the quality of our service through consistent implementation of prescribed quality management system.

Our **SUPPORT** System

“
The **SOCIAL, PROFESSIONAL, and ACADEMIC RESOURCES** is Fundamental to Students Growth and Success”



Mr. S. Nandhakumar Pradeep
Secretary, Sri Nandha Educational Trust



Mr. S. Thirumoorthi
Secretary, Nandha Educational Institutions





Programmes Offered

B.E

Agriculture Engineering
 Bio Medical Engineering
 Civil Engineering
 Computer Science and Engineering
 Electronics and Communication Engineering
 Electrical and Electronics Engineering
 Mechanical Engineering

B.Tech

Chemical Engineering
 Information Technology

M.E

Structural Engineering
 Computer Science and Engineering
 VLSI Design
 Engineering Design

MBA / MCA

Master of Business Administration
 Masters of Computer Applications



NANDHA - An Autonomous Institution

offers high degree flexibility in learning with standard curriculum

Framing Curriculum & Syllabus in Consultation with



Innovations in Teaching Learning Process

FFS

Students are given independence in selecting their faculty member under flexible faculty selection system

PCD

To improve the individual's personality & character development

**RBL
PBL**

Breaking the conventional learning methods by introducing Research based learning (RBL) & Project based learning (PBL) methods

LCD

Language Competency Development for effective communication.

CBCS

Students can earn required credits well in advance before the final semester under CHOICE BASED CREDIT SYSTEM.

1:20

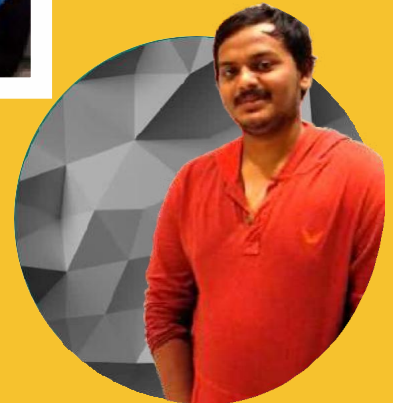
Each faculty members are attached with 20 students to cater their academic need and facilitate them as a mentor under Procter Scheme

CIVIL ENGINEERING

UG : B.E - CIVIL ENGINEERING
PG : M.E - STRUCTURAL ENGINEERING

K. JAWAHAR

- Underwent IIT Summer Fellowship Program 2017
- Presented his Paper in SMART CITY Contest
- Completed Research Internship @ UTP, Malaysia



LAB FACILITIES

- ◆ Strength of materials lab
- ◆ Concrete & Highway Engineering Lab
- ◆ Environmental Engineering Lab
- ◆ Hydraulics Engineering Lab
- ◆ Soil mechanics Lab
- ◆ Surveying Lab
- ◆ CABD Lab

ICI BEST STUDENT CHAPTER AWARD

ICI ULTRATECH AWARD - OUTSTANDING STUDENT CHAPTER

SELECTED in TOP 10 out of 1536 Projects in ICTACT INNOVATOR AWARD

BEST INNOVATIVE PROJECT MINI DAM from Waste Building Materials

P. SHANMUGA PRIYA

- A Former Infosys Employee
- A Professional Classical Dancer and a Sincere Home Maker

COMPUTER SCIENCE AND ENGINEERING

UG : B.E - COMPUTER SCIENCE & ENGINEERING
PG : M.E - COMPUTER SCIENCE & ENGINEERING



LAB FACILITIES

- ◆ Communication Lab
- ◆ Operating System Lab
- ◆ Data Base Management system Lab
- ◆ CASE Tools Lab
- ◆ Computer Programming Lab
- ◆ Object Oriented Programming Lab
- ◆ Software Engineering Lab
- ◆ Java Programming Lab
- ◆ Open Source Lab

Approved Anna University

Research Centre

Innovative Project ULTRASONIC OBSTACLE RECOGNITION SYSTEM for visually impaired person

ISTE BEST STUDENT AWARD to Ms.SUJILA, IV/CSE

Undertaken 8 consultancy projects and generated revenue of ` .35,500



ELECTRONICS AND COMMUNICATION ENGINEERING

UG : B.E - ELECTRONICS & COMMUNICATION ENGINEERING
 PG : M.E - APPLIED ELECTRONICS | VLSI DESIGN

PON KASHMIR JOHN

- Software Engineer @ Tech Mahindra, South Africa
- Active Volunteer & a Good Public Speaker
- Founder of SMART SOULS Foundation



LAB FACILITIES

- ◆ Electronics Devices and Circuits Lab
- ◆ Microprocessor Lab
- ◆ Microwave and optical Communication Lab
- ◆ Electronic system Design Lab
- ◆ Simulation Lab
- ◆ Linear integrated circuits Lab
- ◆ Communication Lab

Best Innovative Project
WIRELESS CONTROL ROBOT from COMPUTER

Six Best Paper Awards in National & International Conference

Best IETE Student Chapter Award

Grant of Rs.4,90,000/- from AICTE on Realtime Applications in Embedded Systems & Home Automation from TNSCST

JOYCY JOY

- Studying MS in Management for Engineers @ CQ University, Melbourne, Australia
- Active Member in all Alumni Association Activities

ELECTRICAL AND ELECTRONICS ENGINEERING

UG : B.E - ELECTRICAL & ELECTRONICS ENGINEERING
 PG : M.E - POWER ELECTRONICS AND DRIVES
 M.E - EMBEDDED SYSTER TECHNOLOGIES



LAB FACILITIES

- ◆ Electrical Machines - I & II
- ◆ Electron Devices and circuits Lab
- ◆ Electric circuits Lab
- ◆ Electrical Engineering practices Lab
- ◆ Linear and Digital Integrated Circuits Lab
- ◆ Measurements and Instrumentation Lab
- ◆ Microprocessor and Micro controller Lab
- ◆ Power Electronics and Drivers Lab
- ◆ Control and systems Lab
- ◆ Power System Simulation Lab
- ◆ Embedded System Lab

Grant of Rs. 79,000/- from MNRE on SMART GRID & DISTRIBUTED POWER GENERATION

Participated in National INDO-US ROBO LEAGUE CONTEST @ IIT, Bombay

Invented Wireless Starter & Water Level Indicator

Students Won Prizes in National Level Technical Symposiums & Conferences



MECHANICAL ENGINEERING

UG : B.E - MECHANICAL ENGINEERING
PG : M.E - ENGINEERING DESIGN

JITHIN KRISHNAN

- Working in Yokohama, Japan
- First Page Alumni of Mechanical Engineering
- Very Talented Cricketer



LAB FACILITIES

- ◆ CAD/CAM LAB
- ◆ Dynamics LAB
- ◆ Fluid Mechanics and Machinery LAB
- ◆ Heat Transfer LAB
- ◆ Manufacturing Technology LAB
- ◆ Metrology LAB
- ◆ Thermal LAB
- ◆ Mechatronics LAB
- ◆ Strength of materials LAB

Approved Anna University Research Centre

Best Innovative Project SURVEILLANCE AIRCRAFT MINI BIKE using DUAL FUEL SYSTEM

ICTACT BEST INNOVATOR Award

Won prizes in Fabrication Contest - RIDE

LENIN VEERAPANDIYAN

- President of Alumni Association
- Talented Public Speaker
- A Very good Social Activist

INFORMATION TECHNOLOGY

UG : B.Tech - INFORMATION TECHNOLOGY



LAB FACILITIES

- ◆ Data structure and algorithm LAB
- ◆ Object Oriented programming LAB
- ◆ CASE Tools LAB
- ◆ Web Technology LAB
- ◆ Network Programming Lab
- ◆ Operating Systems LAB
- ◆ Java programming LAB
- ◆ Data base management System LAB

Got Smart Administrator & Smart User Awards from EDUSCULPTS (Google Organization)

Received Grant of Rs. 40,000 from ICMR for Student Seminar

Innovative Project ULTRASONIC OBSTACLE RECOGNITION SYSTEM for visually impaired person

Undertaken 8 consultancy projects and generated revenue of ` .35,500



AGRICULTURE ENGINEERING

UG : B.E - AGRICULTURE ENGINEERING

PUJARA

- Having GPA 9.2 in Her First Semester
- Passionate towards Agricultural Engineering and Vibrant in all curricular activities



LAB FACILITIES

- ◆ Crop Production and Husbandry Lab
- ◆ Soil Science Lab
- ◆ Farm Tractors and Engines Lab
- ◆ Crop Process Engineering Lab
- ◆ Farm Implements Lab
- ◆ Unit Operation in Agricultural Practicing Lab
- ◆ Irrigation and Drainage Lab
- ◆ GIS Laboratory
- ◆ Operation and Maintenance of Farm Machining Lab
- ◆ Food and Dairy Lab
- ◆ Bio-Energy Lab
- ◆ Fluid Mechanics and Hydraulics Lab
- ◆ Heat and Mass Transfer Lab

Started Vermi-Composite Unit to encourage young entrepreneurs

Training provided for Roof Top Garden for all the students

KOWSALYA S

CHEMICAL ENGINEERING

UG : B.TECH - CHEMICAL ENGINEERING

- Having GPA 8.7 in Her First Semester
- An Enthusiastic Learner and Active Participant in all the events.



LAB FACILITIES

- ◆ Chemical Analysis Lab
- ◆ Fluid Mechanics Lab
- ◆ Applied Chemistry Lab
- ◆ Process Heat Transfer Lab
- ◆ Mechanical Operations Lab
- ◆ Technical Analysis Lab
- ◆ Chemical Reaction Engineering Lab
- ◆ Process Simulation Lab
- ◆ Mass Transfer Lab

Conducted Seminar on ROLE OF CHEMICAL ENGINEERS in Process Insdursties

Conducted Seminar on ROLE OF CHEMICAL ENGINEERS in Biotech Insdursties



About the Department

Biomedical Engineering is the combination of biology and Engineering. Biomedical Engineers work in Industries, Academic Institutions Hospitals. They design, develop and manufacture device mechanical, Electrical and Computer Software for Medical Instrumentation.

LAB FACILITIES

- ◆ Biochemistry and Human Physiology Laboratory*
- ◆ Pathology and Microbiology Laboratory*
- ◆ Biomedical Sensors & Instruments Laboratory*
- ◆ Diagnostic and Therapeutic Equipments*
- ◆ Biomedical Signal & Image Processing Laboratory*

* Yet to be established

BIO-MEDICAL ENGINEERING

UG : B.E - BIOMEDICAL ENGINEERING



LAB FACILITIES

- ◆ ERP - Enterprise Resource Planning
- ◆ BAS-Business Application Software

MASTER OF BUSINESS ADMINISTRATION



Department Activities

The Department offers opportunities to students to specialize in following areas.

- ◆ Marketing
- ◆ Human Resource Management
- ◆ Finance
- ◆ Systems
- ◆ Production
- ◆ Entrepreneurship
- ◆ Banking
- ◆ Travel and Tourism
- ◆ Hospital and Healthcare

LAB FACILITIES

- ◆ Software Development Lab
- ◆ Middleware Technologies Lab
- ◆ CASE Tools LAB
- ◆ Network Programming Lab

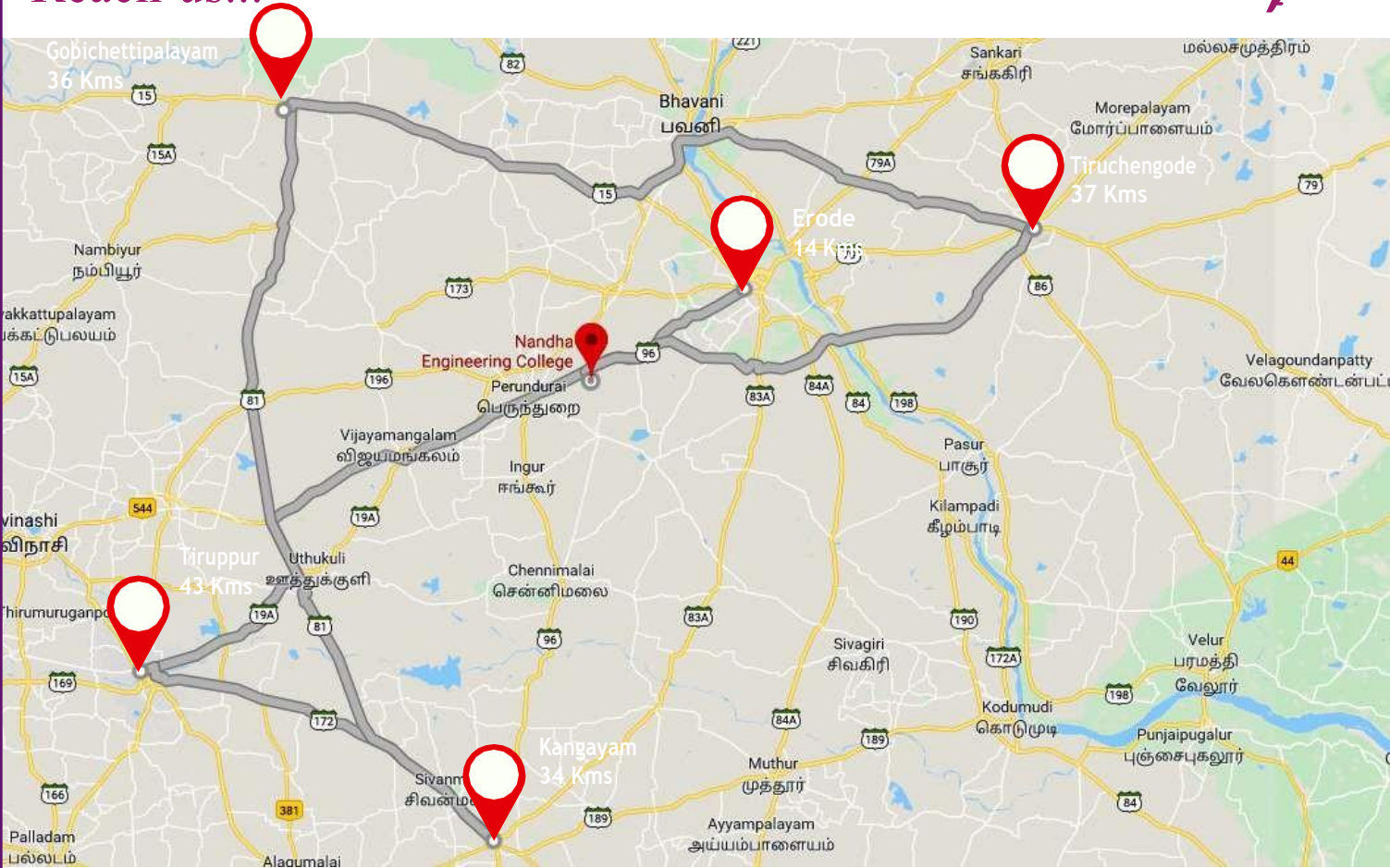
Department Activities

- ◆ The Department Frequently Organises Workshops, Seminars on Cloud Computing, Design and development of Websites and Recent IT Trends.
- ◆ The Students of this department have participated in various national level technical conferences and won prizes.
- ◆ A Project has been done by our students in Notifying Mobile Locations using Android Application

MASTER OF COMPUTER APPLICATIONS



Reach us...



Railway Station : Erode Junction 14 Kms | **Airport** : Coimbatore International Airport 76 Kms



CONTACT

For Admissions : 73737 14477

College Office

Nandha Engineering College

(Autonomous)

Vaikkalmedu Bus Stop, Perundurai Main Road,
Pitchandampalayam (Post), Erode - 638052,
Tamilnadu.

Admission Centre @ Tiruppur

Nandha Information Centre

11, R P Complex, First Floor, Puthuthottam Street,
Palladam Road, Tiruppur, Tamilnadu.
Phone : 0421 4971713

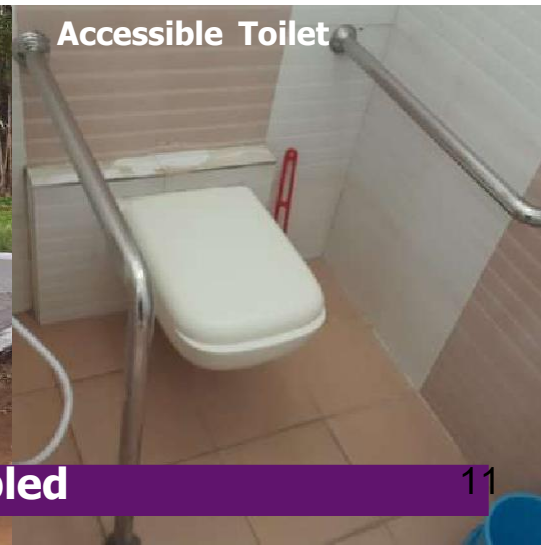


/nandhaengineeringcollege,autonomous

Connect us through



/nandhatv



Facilities for Differently Aabled