



NANDHA

ENGINEERING COLLEGE

(Autonomous)
Erode - Tamil Nadu - India

TNEA
Counselling Code
2715

a place for your goals...

Marching Towards
25 Years of
Academic
Excellence
Silver Jubilee



Information Booklet



www.nandhaengg.org





VISION

To be an institute of excellence providing quality Engineering, Technology and Management education to meet the ever changing needs of the society.



MISSION

- To provide quality education to produce ethical and competent professionals with social responsibility.
- To excel in the thrust areas of Engineering, Technology and Entrepreneurship by solving real-world problems.
- To create a learner centric environment and improve continually to meet the changing global needs.



QUALITY POLICY

We, at Nandha Engineering College, are committed as a team to constantly and consistently work for the student's continual improvement in terms of quality in education, ethics, personality and career development to meet the global challenges.

Chairman Message

Nandha Engineering College is an alma mater for many young and future generations. Success starts with a thought or an idea. When nourished with hope and confidence, that idea sprouts, blossoms and leads to action. Nandha Engineering College is committed to impart technical knowledge that strengthens the society by providing latest advancements in the world to meet the growing demand.

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.

“

Our **SUPPORT** System

The SOCIAL, PROFESSIONAL & ACADEMIC RESOURCES
are Fundamental to Students Growth & Success ”



Thiru. V. Shanmugan

Chairman, Sri Nandha Educational Trust

Programmes Offered

B.E

- ✧ Biomedical Engineering
- ✧ Civil Engineering
- ✧ Computer Science and Engineering
- ✧ Computer Science and Engg. (Cyber Security)
- ✧ Computer Science and Engg. (Internet of Things)
- ✧ Electronics and Communication Engineering
- ✧ Electrical and Electronics Engineering
- ✧ Mechanical Engineering

B.Tech

- ✧ Agricultural Engineering
 - ✧ Artificial Intelligence and Data Science
 - ✧ Chemical Engineering
 - ✧ Information Technology
- ### M.E
- ✧ Computer Science and Engineering
 - ✧ VLSI Design
 - ✧ Engineering Design
 - ✧ Structural Engineering

MBA

- ✧ Master of Business Administration

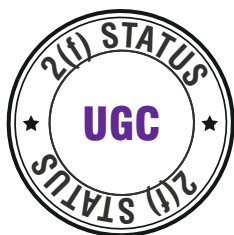
MCA

- ✧ Master of Computer Applications

Ph.D

- ✧ Recognized Research Institute
(Supervisors available in all Departments)

NEC Highlights



Outcome Based Approach



Industry-Relevant
Curriculum



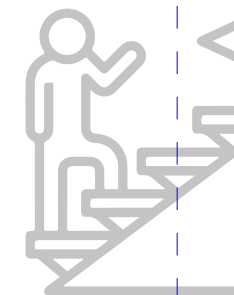
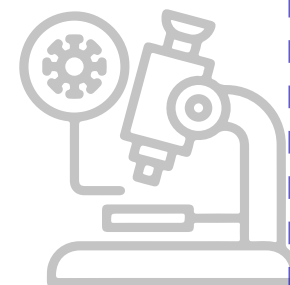
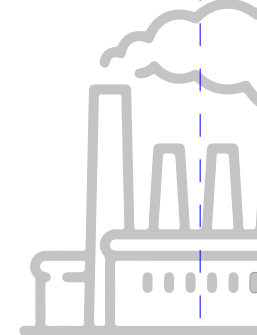
Campus
Recruitment Training



Career
Guidance Cell

100%

Placement
Support



COMPUTER SCIENCE AND ENGINEERING

B.E. COMPUTER SCIENCE AND ENGINEERING
M.E. COMPUTER SCIENCE AND ENGINEERING



Top
Recruiters



Industry
Partnerships
(MoU's)



ALUMNI CORNER

A. P. Santhosh Kumar

Product Consultant



LAB FACILITIES

- ❖ Problem Solving and C Programming Lab
- ❖ Data Structures Lab
- ❖ Python Programming Lab
- ❖ Algorithms Laboratory
- ❖ Computer Networks Lab
- ❖ Java Programming Lab
- ❖ RDBMS Lab
- ❖ Software Development Lab
- ❖ Research and Project Lab



Highest Salary

44 LPA

Average Salary

3.36 LPA

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

B.E. COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

Career Opportunities



Industry Partnerships (MoU's)



LAB FACILITIES

- ❖ Problem Solving and C Programming Lab
- ❖ Data Structures Lab
- ❖ Python Programming Lab
- ❖ Algorithms Lab
- ❖ Computer Networks Lab
- ❖ Java Programming Lab
- ❖ Database Security Lab
- ❖ Cryptography and Network Security Lab
- ❖ Ethical Hacking Lab
- ❖ Web Programming Lab
- ❖ Cyber Forensics Lab



COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS)

B.E. COMPUTER SCIENCE AND ENGINEERING
(INTERNET OF THINGS)

Career
Opportunities



Industry
Partnerships
(MoU's)



TECHVOLT SOFTWARE PVT.LTD
Simple But Marvelous...



LAB FACILITIES

- ❖ Problem Solving and C Programming Lab
- ❖ Data Structures Lab
- ❖ Python Programming Lab
- ❖ Algorithm's Lab
- ❖ Internet of Things Lab
- ❖ Java Programming Lab
- ❖ Sensors and Actuator Lab
- ❖ Computer Networks Lab
- ❖ DBMS Lab
- ❖ Mobile Application Development For IoT Lab
- ❖ Computer Vision Lab
- ❖ Embedded System Lab
- ❖ Full Stack Development Lab



ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

B.Tech. ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Career
Opportunities



Industry
Partnerships
(MoU's)



Core Areas of AI&DS

- ✧ Deep Learning
- ✧ Machine Learning
- ✧ Natural Language Processing (NLP)
- ✧ Data Analysis
- ✧ Reinforcement Learning
- ✧ Big Data Analytics
- ✧ Business Intelligence
- ✧ Computer Vision Expert Systems
- ✧ Robotics, ARVR

LAB FACILITIES

- ✧ Artificial Intelligence Lab
- ✧ Python Programming Lab
- ✧ Data Science Lab
- ✧ Java Programming Lab
- ✧ Machine Learning Lab
- ✧ C Programming Lab
- ✧ Deep Learning Lab
- ✧ Data Exploration and Visualization Lab
- ✧ Internet of Things Lab
- ✧ Big Data Analytics Lab
- ✧ Database Design and Management Lab



INFORMATION TECHNOLOGY

B.Tech. INFORMATION TECHNOLOGY



Top
Recruiters



Industry
Partnerships
(MoU's)



ALUMNI CORNER

Kanimozhi Ganeshan

Senior RPA Developer



LAB FACILITIES

- ✧ Full Stack Development
- ✧ Internet of Things Lab
- ✧ Python Programming Lab
- ✧ Advanced Java Programming Lab
- ✧ Data Structures Lab
- ✧ Algorithms Lab
- ✧ Database Management System Lab

Highest Salary

6.8 LPA

Average Salary

4.2 LPA

ELECTRONICS AND COMMUNICATION ENGINEERING

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING
M.E. VLSI DESIGN



Top
Recruiters



accenture

tcs TATA
CONSULTANCY
SERVICES



Industry
Partnerships
(MoU's)

TESSOLVE
A HERO ELECTRONIX VENTURE



Vi Microsystems Pvt. Ltd.,



ALUMNI CORNER

R. K. Bhoopesh

Engineer



LAB FACILITIES

- ✧ Antenna Research Lab
- ✧ Nano Research Lab
- ✧ Microprocessor Lab
- ✧ PG VLSI Lab
- ✧ Linear Integrated Circuits Lab
- ✧ Project Lab
- ✧ Digital Electronics Lab
- ✧ Simulation Lab
- ✧ Communication Lab
- ✧ Electronic System Design Lab
- ✧ Microwave and Optical Lab
- ✧ Electronic Devices and Circuits Lab

Highest Salary

7 LPA

Average Salary

4.4 LPA



ELECTRICAL AND ELECTRONICS ENGINEERING

B.E. ELECTRICAL AND ELECTRONICS ENGINEERING



Top
Recruiters



accenture

tcs

TATA
CONSULTANCY
SERVICES



DXC
TECHNOLOGY

Industry
Partnerships
(MoU's)

NEXWARE
ACCELERATING THE CHANGE



REAL TECH
SYSTEMS



P. S. Dhamotharan

Quality Assurance Engineer

DATA PATTERNS

LAB FACILITIES

- ✧ Electrical Machines Lab
- ✧ Control and Instrumentation Lab
- ✧ Analog and Digital Integrated Circuits Lab
- ✧ Power System Simulation Lab
- ✧ Microprocessor and Microcontroller Lab
- ✧ Engineering Practices Lab
- ✧ Electric Circuits Lab
- ✧ Power Electronics Lab
- ✧ Measurements and Instrumentation Lab
- ✧ Computer Lab

Highest Salary

8 LPA

Average Salary

4.2 LPA



AGRICULTURAL ENGINEERING

B.Tech. AGRICULTURAL ENGINEERING

Top
Recruiters



Industry
Partnerships
(MoU's)



ALUMNI CORNER

S. Ashok Kumar

Automation Engineer



IAC Krishitech Pvt. Ltd

LAB FACILITIES

- ❖ Crop Production and Husbandry Lab
- ❖ Soil Science Lab
- ❖ Irrigation and Drainage Lab
- ❖ Farm Implement and Equipment Lab
- ❖ Farm Tractors and Engines Lab
- ❖ Crop Process Engineering Lab
- ❖ Food and Dairy Engineering Lab
- ❖ Unit Operations Lab
- ❖ Operation and Maintenance of Farm Machinery Lab
- ❖ Project Lab

Highest Salary

4.2 LPA

Average Salary

3.8 LPA



LIFE @NEC

Events



Graduation Day



Freshers Day



Placement Day



Annual Day



Sports Day



Nandha Trophy



Innovation Day



Nandha Marathon



Symposium



Women's Day



Placement Training



Motivational Speech

Facilities



Yoga Hall



Auditorium



Bank with ATM inside Campus



Sports Complex



Bakery & Canteen



Swimming Pool



Fitness Centre



Transport

Professional and Enrichment CLUBS



Creative Media Club



Cultural Club



Fine Arts Club



Literati Club



Music Club



NSS Club



Photography Club



Road Safety Club



Sports Club



Tree Plantation Club



Trekking Club



Yaazh Tamil Club



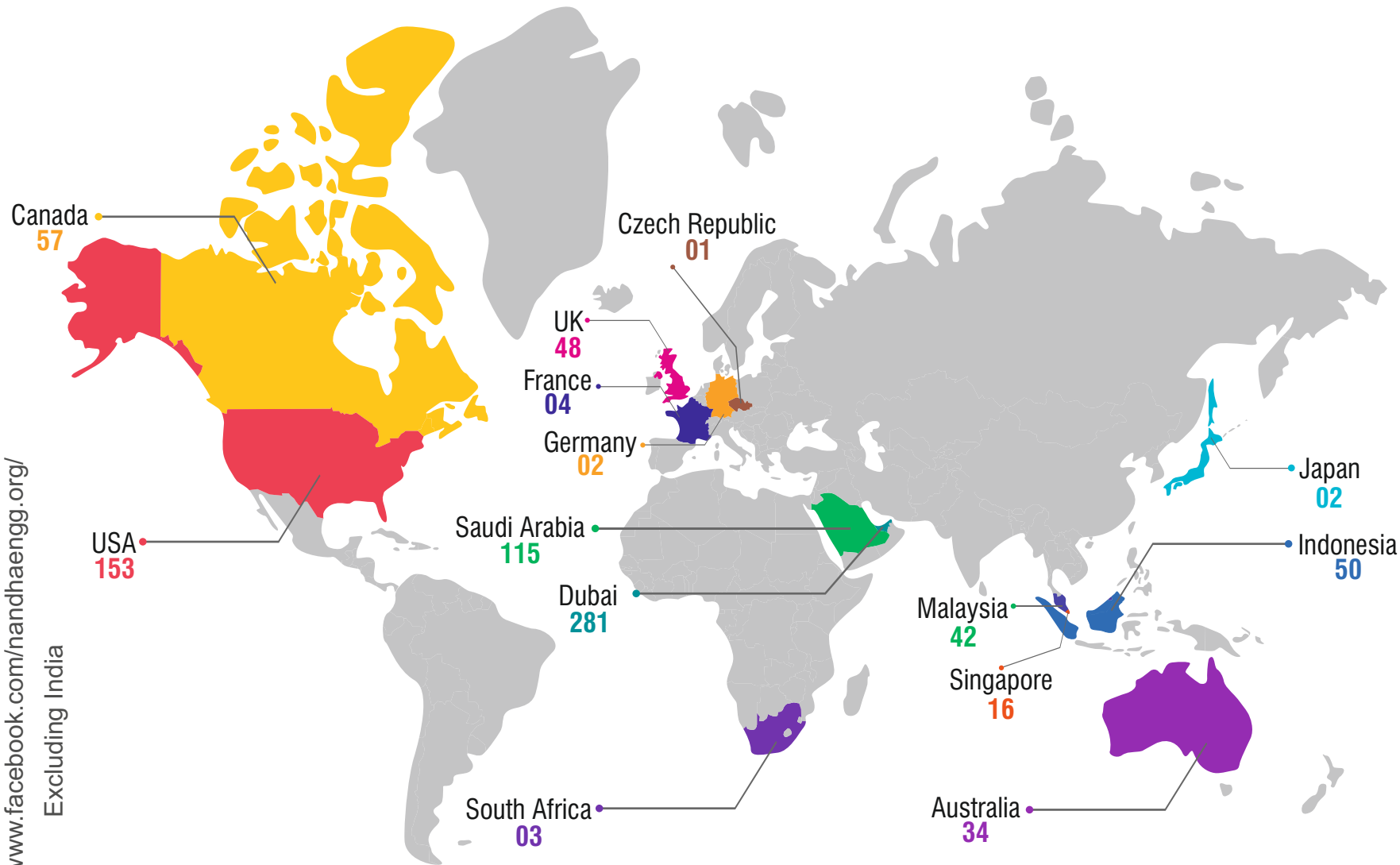
YRC Club

ALUMNI

AROUND THE WORLD

Source: www.facebook.com/nandhaengg.org/

Excluding India



Elegant Dancer

Shanmuga Priya

@ United States of America



a Corporate Guy

Boopathy Raja

@ Paris, France



a Mechanical Engineer

Jithin Krishnan

@ Yokohoma, Japan



an Adventurous Guy

Mithun Vikas

@ Le Havre, France



a Technologist

Aravinthan

@ Prague, Czech Republic

MECHANICAL ENGINEERING

B.E. MECHANICAL ENGINEERING
M.E. ENGINEERING DESIGN



Top
Recruiters



Industry
Partnerships
(MoU's)



ALUMNI CORNER

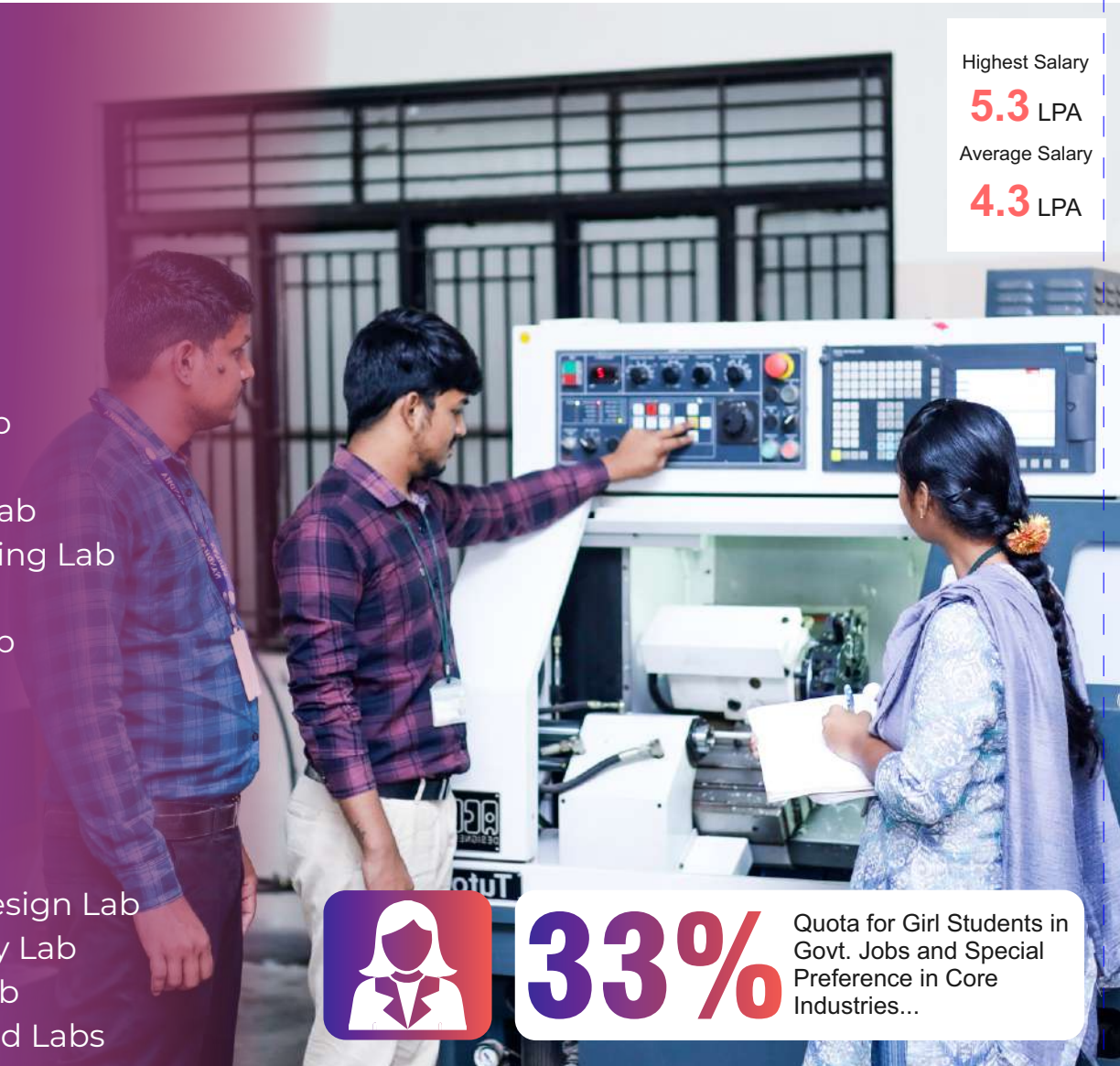
R. Karthikeyan

Senior DevOps Engineer



LAB FACILITIES

- ✦ CAD/CAM/CAA Lab
- ✦ Dynamics Lab
- ✦ Fluid Mechanics Lab
- ✦ Thermal Engineering Lab
- ✦ Fuel Cell Lab
- ✦ Manufacturing Lab
- ✦ Metrology Lab
- ✦ 3D Printing Lab
- ✦ EP Lab
- ✦ Mechatronics Lab
- ✦ Foundry Lab
- ✦ Digital Product Design Lab
- ✦ Renewable Energy Lab
- ✦ Electric Vehicle Lab
- ✦ Industry Sponsored Labs



Highest Salary

5.3 LPA

Average Salary

4.3 LPA



33%

Quota for Girl Students in
Govt. Jobs and Special
Preference in Core
Industries...

CHEMICAL ENGINEERING

B.Tech. CHEMICAL ENGINEERING



Top
Recruiters

SPIC
Nourishing growth



DIGITAL EPCS
Digital technology for EPC Business



IMC

Biocon

SANMAR

Industry
Partnerships
(MoU's)

sim
INFOSYSTEMS



**FERMION ENERGY &
ENGINEERING SOLUTIONS**



ALUMNI CORNER

C. Jayaprakash

Assistant Shift In-charge

SPIC
Nourishing growth

LAB FACILITIES

- ✧ Chemical Analysis Lab
- ✧ Mechanical Operations Lab
- ✧ Fluid Mechanics Lab
- ✧ Heat Transfer Lab
- ✧ Process Control Lab
- ✧ Process Computation Lab
- ✧ Process Modeling and Simulation Lab
- ✧ Chemical Reaction Engineering Lab
- ✧ Mass Transfer Lab
- ✧ Research / Project Lab

Highest Salary

4.8 LPA

Average Salary

3.7 LPA



BIOMEDICAL ENGINEERING

B.E. BIOMEDICAL ENGINEERING



Top
Recruiters

Zifo **PHILIPS**
Healthcare



CorroHealth **ePi**
EPISOURCE



Industry
Partnerships
(MoU's)

prashan
medical technologies



MECHSOFT
TECHNOLOGY



BIOXPORA
Exploring the bio era...

MED MALL



ALUMNI CORNER

R. Aakash

Data Analyst



LAB FACILITIES

- ✧ Human Physiology Lab
- ✧ Sensors and Measurement Lab
- ✧ Biomedical Instrumentation Labs
- ✧ Diagnostic and Therapeutic Equipment Lab
- ✧ Bio Signal Processing Lab
- ✧ Medical Image Processing Lab

Highest Salary

7.0 LPA

Average Salary

3.5 LPA



CIVIL ENGINEERING

B.E. CIVIL ENGINEERING
M.E. STRUCTURAL ENGINEERING



Top
Recruiters



Shanmathi
Constructions (P) Ltd.



RPP Infra Projects Ltd

Industry
Partnerships
(MoU's)



ALUMNI CORNER

M. Ranjithkumar

Ph.D. Research Scholar



LAB FACILITIES

- ✧ Surveying Lab
- ✧ Advanced Structural Engineering Lab
- ✧ Soil Mechanics Lab
- ✧ Fluid Mechanics Lab
- ✧ Concrete and Highway Engineering Lab
- ✧ Computer Aided Building Drawing Lab
- ✧ Environmental Engineering Lab
- ✧ Strength of Materials Lab



Highest Salary

4.2 LPA

Average Salary

3.5 LPA

MASTER OF BUSINESS ADMINISTRATION (MBA)

Highest Salary

6.0 LPA

Average Salary

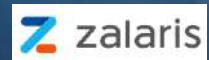
3.5 LPA



ALUMNI CORNER

G. Gunasree

Junior Payroll Specialist



LAB FACILITIES

✧ Data Analysis and
Business Modelling Lab

Top
Recruiters



Industry
Partnerships
(MoU's)



MASTER OF COMPUTER APPLICATIONS (MCA)

Highest Salary

5.5 LPA

Average Salary

3.7 LPA



ALUMNI CORNER

C. Meenakshisundaram

Lead System Engineer - A4



LAB FACILITIES

- ✧ Data Analytics Lab
- ✧ Web Technology Lab
- ✧ Machine Learning Lab
- ✧ Java Programming Lab

Top
Recruiters



Industry
Partnerships
(MoU's)



CARRIER ADVANCEMENT PROGRAMME

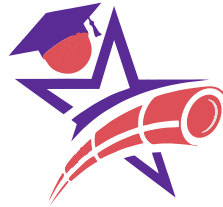
Our Carrier Advancement Program empowers **students** to reach their full potential through specialized training and development opportunities...

Enhance Your
Skills
Shape Your
Future!



Foundation Training Programme

- ▲ Soft Skills
- ▲ Problem Solving
- ▲ Logical Reasoning
- ▲ Communication Training



Intermediate Training Programme

- ▲ Leet Code Training
- ▲ Resume Building
- ▲ Linked - In Profile Building
- ▲ Time Management
- ▲ CSR Mock Interviews
- ▲ Carrier Field Trips
- ▲ Certification Programmes



Advanced Training Programme

- ▲ Personnel Counselling
- ▲ Company Specific Training
- ▲ Planning and Goal Setting
- ▲ Leadership Development Programme
- ▲ Entrepreneurship Programme
- ▲ Internship Preparation Programme

KEY INTERNSHIP
RECRUITERS



57+ MoUs signed with industries for internships opportunities

500+ Internships offered to students

PLACEMENTS

It makes sense that worldwide core engineering and other organizations come here to locate excellent candidates through on-campus placement drives, given that these individuals are well-versed in their fields and have the ability to lead in any situation.

92% Average percentage of Students successfully placed in the last 3 years - Placement willing students

100+ Regular Recruiters

₹44 LPA Highest Package Offered

₹4.5 LPA Average Package Offered

Key Recruiters ...

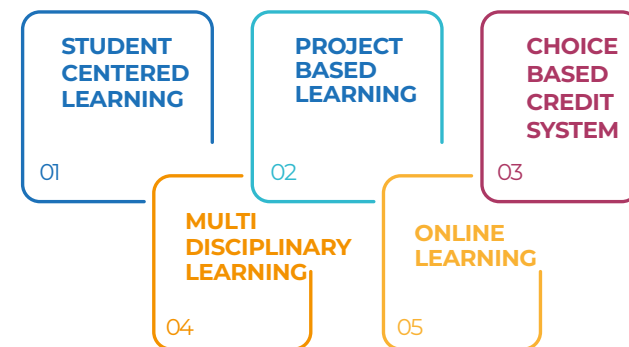


STUDENT SUPPORT SYSTEM @ NEC



Centre for **Innovation** & Product Development (CiPD)

- ✧ Facilitates Student's Project into Product Development
- ✧ Obtaining Patents for Products
- ✧ Funding for Student's Project and Start-Ups



Grants

For Receiving
A Grant of
₹79.6 LAKH

From
ATMAN 2.0
TIH Foundation for IoT & IOE, IIT Bombay

Received funding worth
₹ 58 LAKH in
MSME IDEA HACKATHON 3.0
(WOMEN)



Start-Ups



Research Initiatives



Women Empowerment Initiatives



Mentoring Activities



Student Mentoring Cell
(Counselling through Professional Psychologist)

Skilling Activities



Association With Professional Societies



NANDHA EDUCATIONAL INSTITUTIONS

NANDHA
SINCE
1992

Medical Campus (☎ : 73737 12227)

- ✧ Nandha Medical College and Hospital

Dental Campus (☎ : 97507 70555)

- ✧ Nandha Dental College and Hospital

Science Campus (☎ : 73737 12299)

- ✧ Nandha College of Pharmacy
- ✧ Nandha College of Physiotherapy
- ✧ Nandha College of Nursing
- ✧ Nandha School of Nursing
- ✧ Nandha College of Allied Health Sciences
- ✧ Nandha Academy of Allied Health Sciences
- ✧ Nandha Institute of Health / Sanitary Inspector

School Campus (☎ : 99655 51313)

- ✧ Nandha Central School (CBSE)
- ✧ Nandha Central City School (CBSE)

Tech Campus (☎ : 73737 14477)

- ✧ Nandha Engineering College (Autonomous)
- ✧ Nandha College of Technology (Autonomous)
- ✧ Nandha Polytechnic College

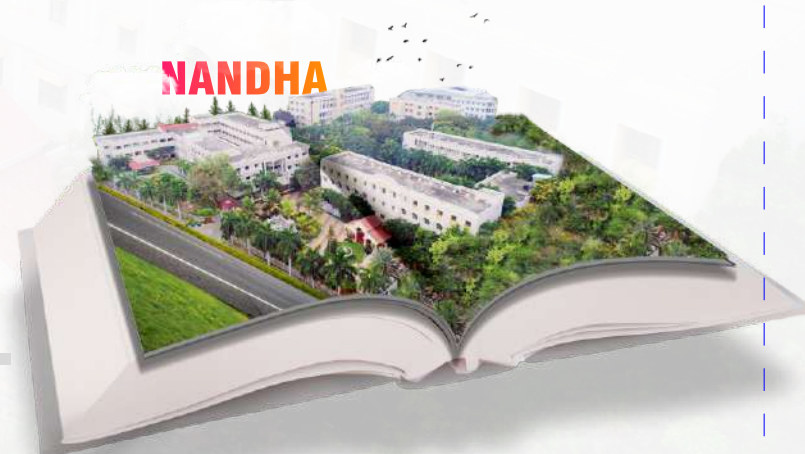
Indian Medicine Campus (☎ : 76677 11200)

- ✧ Nandha Ayurveda Medical College and Hospital
- ✧ Nandha Siddha Medical College and Hospital
- ✧ Nandha Naturopathy and Yoga Medical College and Hospital

Arts Campus (☎ : 73737 24422)

- ✧ Nandha Arts and Science College (Autonomous)
- ✧ Nandha College of Education
- ✧ Nandha Teacher Training Institute

Learn... Serve... Succeed...





CONTACT

Nandha Engineering College

(Autonomous)

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

Admission Centre @ Tiruppur

Nandha Information Centre
11, R P Complex, First Floor,
Puthuthottam Street, Palladam Road,
Tiruppur, Tamil Nadu.



 **73737 14477**

 www.nandhaengg.org

 a place for your goals...