

INTERNSHIP

IN

JDNET

TECHNOLOGIES

(CUDDALORE)

ABOUT JDNET TECHNOLOGIES

JDNET Technologies, based in **CUDDALORE**, is a leading **Project Training and Internship Institute** dedicated to bridging the gap between academic learning and real-world industry requirements. We specialize in delivering **hands-on training, real-time projects, and career-focused programs** for students across **Computer Science, Electronics, Electrical, and Mechanical disciplines**.

Our mission is to empower students with practical technical expertise in trending domains such as **Artificial Intelligence, Machine Learning, Full Stack Development, Embedded Systems, IoT, and Mechanical Fabrication Projects**. With an expert team of industry professionals and developers, JDNET Technologies ensures that every student gains not just theoretical knowledge, but **real industry exposure** that helps them stand out in placements and professional careers.

What is Internship ?

Internship in **CUDDALORE**

- The internship is making a professional upon graduation for students in those relevant core areas.
- The work environment helps to adapt yourself, test-drive your knowledge and skills from your engineering degree.
- This is one of an essential part of training is improving the fluent of communication and innovative ideas are making an entrepreneur.
- The students are transforming their attitude level with more confidence, the internship is built your leadership quality, and enhancing problem-solving, management skills.

WHY INTERNSHIP IS IMPORTANT?

Internship in **CUDDALORE**

- Apart from the academic syllabus, the students can practically explore the advanced technologies in their equivalent core field.
- This real time industrial exposure is the support to improving their intellectual and technical ability in the latest technologies.
- The Internship in CUDDALORE is making an industrial experience in different platforms such like as manufacturing, productivity, development, and quality analysis, in which inplant training is ensuring to recruit in the reputed industries of MNCs in the competitive standard.

JDNET TECHNOLOGIES -CUDDALORE

- Jdnet Technologies is ensuring to full fill your expectation than providing real time training to all engineering streams.
- We are upgrading the latest technologies in a periodical manner and that are delivering to the students on swiftly.
- Provides Hands-on training by the experienced professionals from the reputed industries of MNCs like TCS, HCL, and BSNL...
- Supporting the innovative ideas into establishing the real time projects in various emerging technologies.
- We are not focusing only in technical terms, moreover we are involving ourselves to provide the placement training and career development training.

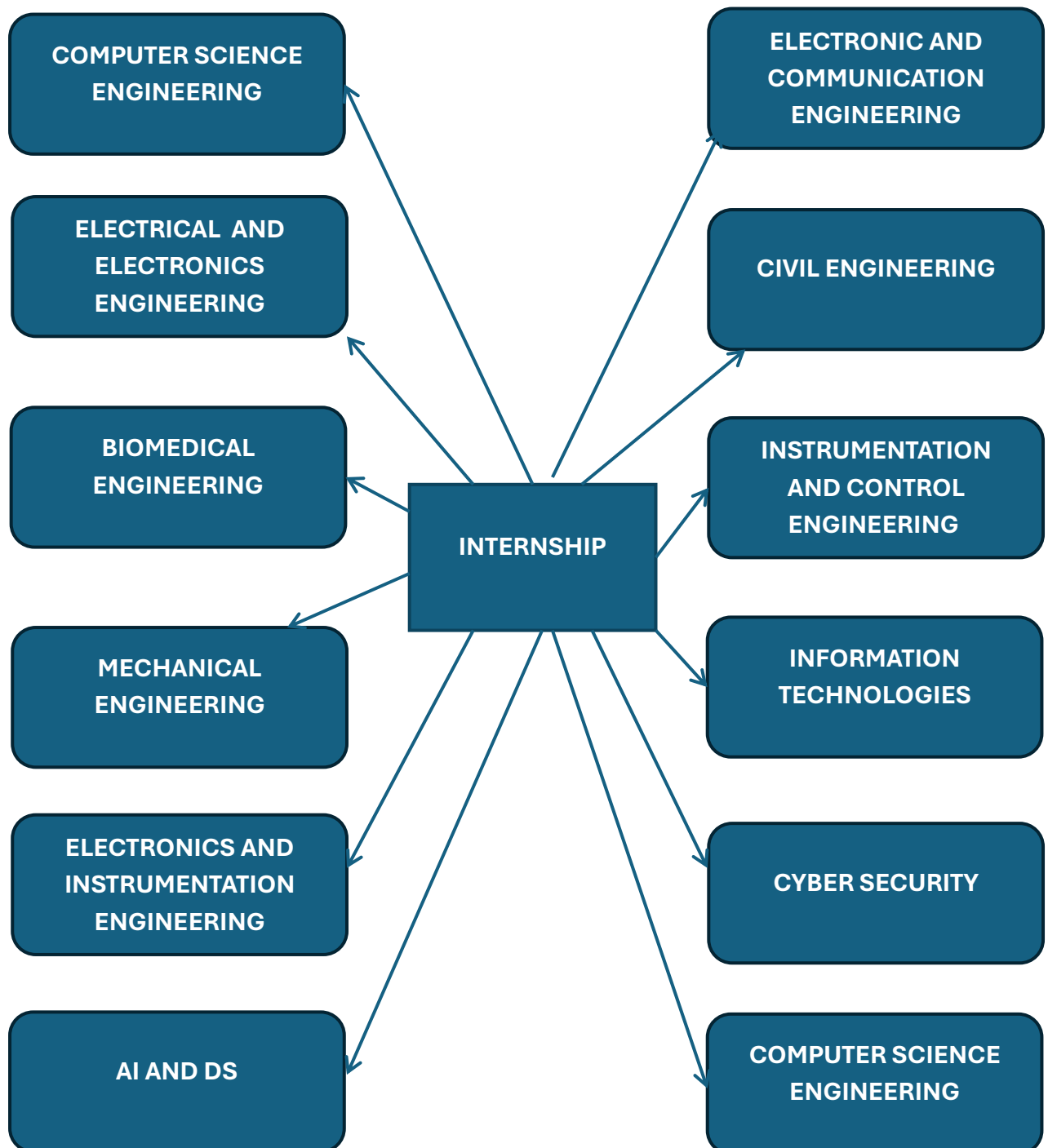
CERTIFICATES

THIS TRAINING INCLUDES THE FOLLOWING CERTIFICATES AND DOCUMENTS

- Internship Certificate.
- Project Completion Certificate.
- Inplant Training (IPT) Certificate.
- Workshop Certificate.
- Corporate Training Test certificate.
- Training Documents.
- Sample Resume for Placement.
- Useful Software
- Internship Report.
- Corporate Training Test Portal Access.

INTERNSHIP IN CUDDALORE

JDNET TECHNOLOGIES offering Internship in **CUDDALORE** for



INTERNSHIP DURATION FROM JDNET TECHNOLOGIES



9159395080

INTERNSHIP DAYS AND DURATION



CERTIFICATES & REPORT

- ★ Internship Certificate
- ★ Project Completion Certificate
- ★ Letter of Appreciation / ID Card

- ★ Placement Training Certificate
- ★ Mini Project
- ★ Rating and Department

- ★ Internship Report
- ★ Useful Softwares
- ★ Company/Institution Details & Logo

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR CSE AND IT

We offer Internship in CUDDALORE for CSE Students in web development using html, css, php and mysql.



DAY 1: Internship for CSE&IT

Basic Concepts.

Web Development with HTML.

JavaScript Programming.

DAY 2 : Internship for CSE&IT

HTML,CSS,PHP

Web Development Using PHP.

Advanced JavaScript and DOM Scripting

DAY 3 : Internship for CSE&IT

MySQL Basics.

Database Programming for the Web Using MySQL.

Queries

DAY 4 : Internship for CSE&IT

Domain Registration

DNS Mapping

Domain Hosting

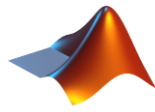
DAY 5 : Internship for CSE&IT

Project Idea

Project Work

Project Completion

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR ECE



HSPICE®



DAY 1: Internship for ECE

Introduction.

Applied Network Analysis.

Devices and Circuits for Microelectronics.

DAY 2 : Internship for ECE

1. INTERNET OF THINGS
2. BRAIN COMPUTER INTERFACE
3. LIFI
4. RADAR
5. ROBOTICS
6. PROTOCOL -UART,SPI,I2C
7. ELECTRICAL

Basic Concept about C.

Basic C programming.

Digital System Design.

DAY 3 : Internship for ECE

Review of Micro Processors/ Microcontrollers.

Advanced Digital System design.

Chip Design Methodology.

Digital System Design with Verilog.

DAY 4 : Internship for ECE

Functional Verification.

Digital System Design using FPGAs.

Basic Electronics Review

Programming in C

DAY 5 : Internship for ECE

Project Idea

Project Work

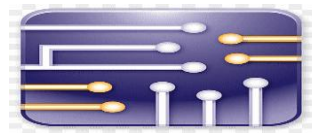
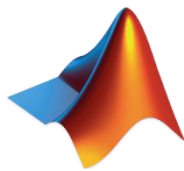
Project Completion

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR EEE



- ETAP — used for power system modelling, transients and protection.
- PLECS — a simulation tool for power-electronics circuits.
- MATLAB (with Simulink) — widely used for signal & system simulation.
- LabVIEW — used for real-time control and automation setups.
- Altium Designer – used for PCB and mixed-signal IC design

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR EIE



- MATLAB — widely used for modelling, signal processing and measurement analytics.
- LabVIEW — graphical system-design platform used for virtual instrumentation, automation interfaces and data acquisition.
- NI Multisim — circuit-design & simulation software useful for electronics/instrumentation design and testing.

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR CIVIL



ETABS[®]



MX ROAD



- STAAD.Pro — a widely used structural analysis & design software supporting various codes, materials, and load conditions.
- Autodesk Revit — a BIM software enabling 3D modeling, interdisciplinary coordination and detailed documentation.

- PLAXIS — used for finite element analysis of soil and rock deformation, stability and interaction with structures.
- MX Road — used for detailed road geometry, alignments, earthworks and corridor modeling.
- HEC-RAS — a software for river hydraulics, floodplain modelling, water-surface profiles and sediment transport.

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR MECH



Fabrication - Involves constructing items from parts using processes like cutting, bending, welding and assembling—taking raw or semi-finished materials to create components or structures.

Thermal - Deals with movement and conversion of heat energy into other forms (mechanical, electrical) and managing heat transfer in machines/systems (engines, HVAC, power plants).

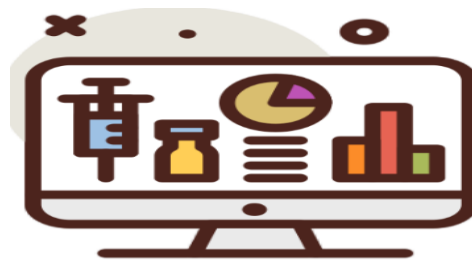
Agriculture - Applies engineering principles across machinery, systems, water/soil management etc. to make agriculture more efficient, sustainable and productive

Automobile - Focuses on design, manufacture, operation and testing of vehicles and their subsystems (cars, trucks, bikes) integrating mechanical, electrical, software & safety aspects.

ANSYS - A multiphysics simulation environment for structural, thermal, fluid, electromagnetic and composite at early design stages to reduce cost, iterate faster, optimize performance.

Composite - Creation of materials combining two or more constituents to obtain superior properties (strength, weight, corrosion resistance, tailored behavior) for aerospace, automotive, construction etc.

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR BIO-MEDICAL



Biomechanics - Applying mechanical engineering principles to biological systems (e.g., prosthetics, musculoskeletal modelling)

Medical Imaging & Instrumentation - Designing and using devices and software for imaging (CT, MRI, ultrasound) and instrumentation for diagnostics & monitoring.

Biomaterials & Tissue - Development of materials and engineered tissues/organs that interact with biological systems.

Biomedical Informatics & Data Analysis - Using computational tools, big data, machine learning for healthcare, patient data, systems biology.

INTERNSHIP IN JDNET TECHNOLOGIES AT CUDDALORE FOR ICE



AVEVA Instrumentation - Engineering and documentation tool for instrumentation. It supports the full lifecycle of instrumentation and control projects—data entry, instrument lists, loop diagrams, etc. Helps ensure standardization, traceability and efficient documentation in I&C engineering

LabVIEW - Graphical system-design platform widely used for instrument control, data acquisition and automation. Enables the integration of sensors/instruments, control loops and data logging—core to instrumentation & control.

SIMATIC STEP 7 - Programming and configuration environment for PLCs (programmable logic controllers) in automation and control systems. PLCs are often at the heart of control systems in instrumentation settings (process plants, factories etc).

Instrument Manager - Tool for instrumentation and loop-diagram documentation, I/O lists and wiring/terminal design. Documentation is a major part of I&C engineering—accurate loop diagrams, instrument indexes, etc.

Keysight VEE - Graphical dataflow programming environment for test, measurement and instrument control. Useful for instrumentation engineers working with sensor systems, data acquisition and instrumentation automation.

