

NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY, CALICUT

Under Ministry of Electronics & IT, Government of India
Since: 1989

LONG TERM COURSES

M.Tech

Duration: 2 Years
Intake: 36

1. Embedded Systems

2. Electronic Design Technology

Focus Area: Embedded Processors, Digital System Design, Embedded Programming, Electronic System Design, Software Engineering, Communications, Networking, Embedded OS, RTOS, DSP, Product Design, Quality Management, Information Security, Multimedia Processing, VLSI, Wireless Communication, Thesis Work

Adv PG Diploma in Electronic Product Design & Manufacturing - 1 Year

Focus Area Industrial Design, Circuit Design, Board Design and Bring up, FPGA, Embedded Processors, Software Development, Networking & IoT, Project and Internship . (6 months training + 6 months Internship)

OTHER COURSES

Diploma courses

(i).NET Technologies, (ii) JEE (iii) Android Application Development (iv) PHP and jQuery (v) Medical Ultrasound.

Advanced Diploma :PLC / SCADA / DCS Engineer

For Details visit: www.nielit.gov.in/calicut/

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nanda@calicut.nielit.in

Companies are invited for Campus Visits & Recruitment Drives

SUGGESTED PERIOD FOR RECRUITMENT DRIVES

M Tech/ MCA	: Jun - Oct
PG Diploma	: Jun -Aug & Dec-Feb
M Tech	: Apr-Jun

PG DIPLOMA COURSES (6 Months)

1. Internet of Things

Focus Area: Embedded C, ARM Cortex Microcontrollers, Embedded Linux, IoT & Network Protocols, Wireless Sensor Networks, OS porting, IoT Application Development & Project.

2. Embedded Systems Design

Focus Area: Embedded C, 8 bit Microcontrollers, Embedded Linux, RTOS, ARM Cortex Microcontroller, DSP, FPGA, Product Design & Project

3. Industrial Automation System Design

Focus Area: Process Plant Control & Automation System Design, Automation System Integration & Engineering Concepts, PC/PAC/PLC/DCS Based Data Acquisition & Control, SCADA/HMI, Industrial Field Instruments & buses, LabVIEW, intelligent devices & Project

4. VLSI & Embedded Hardware Design

Focus Area: Advanced Digital Design, VHDL, Verilog, CMOS Logic Design, Embedded Controller Based Product Design, Programmable SoC, FPGA Design, RTL Verification & Project

5. Adv Diploma Big Data Analytics (4 months)

Focus Area: Linux, Java, R Programming, Python Programming, Big Data & Hadoop, Hive, Pig, Sqoop, Flume, HBase, Project

6. Information Security & Cloud Computing

Focus Area: System & Network Administration, Cloud Computing with Virtualization, Advanced Security Management & Project

7. Software Technology

Focus Area: Core Java, GUI Development, J2EE, C#.Net, VB.Net, ASP.Net.

* VISITS FOR RECRUITMENT DRIVES CAN BE ARRANGED AT THE CONVENIENCE OF THE COMPANIES
PRE SCHEDULED OFF CAMPUS RECRUITMENT DRIVES ARE ALSO INVITED

Address

Placement Officer, NIELIT CALICUT, P.B No.5, NIT Campus (PO), Calicut, Kerala, INDIA - 673601