



राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट  
National Institute of Electronics & Information Technology, Calicut



सत्यमेव जयते

Ministry of Electronics and  
Information Technology  
Government of India

# Internship Training Prospectus

ISO 9001-2015 Certified

## Data Analytics & Artificial Intelligence

1<sup>st</sup> Jul- 5<sup>th</sup> Jul 2024

1 Week (6 hrs daily)

### Course Description

This is an introduction training on data Analytics & Artificial intelligence which will enable the students to learn the basics of data science & machine learning algorithms and its implementation using python. The training includes offline video sessions and weekly two online interactive sessions, assignments and discussion forums.

[Click Here to Register](#)

## Who can attend?

Anyone who is interested in learning Data Analytics & Machine Learning and designed for Students pursuing Engineering/ Diploma

## Preamble

This internship program is designed to provide participants with a comprehensive understanding of data Analytics and Artificial Intelligence. The program combines theoretical knowledge with hands-on practical experience to equip participants with the skills required in these rapidly evolving fields. The program is planned with instructor led Offline sessions of lectures, demonstrations and hands on sessions

## Course Content

Session	Topic
1	Introduction to Data Science & AI
2	Python Basics and Data Analytics
3	Numpy, Pandas
4	Machine Learning Algorithms, Classification, Regression, Clustering K Nearest Neighbor, Linear Regression, KMeans, Naïve Bayes, Decision Tree. Performance Evaluation Metrics
5	Deep Learning, Convolutional Neural Networks

## Course Fees:

Rs. 2500/- (Inclusive of GST)

## Refund of Fee:

If the student does not join for the registered course fee paid shall be forfeited. However above the registration fee shall be refunded on few special cases as given below

- Course postponed and new date is not convenient for the student
- Course cancelled in advance, well before the admission date

**Eligibility:**

B.E/B.Tech/ Diploma pursuing or qualified candidates

**Number of Seats:**

40

**Selection of candidates:**

Online portal registration, first come first serve basis

**Reporting Date:**

1 July 2024 9.30AM

**Important Dates**

Last date for application and payment 27th June 2024

**Timings:**

9.30AM to 4.30PM

**Certificate**

Digitally signed certificates will be issued to the candidates attending the internship

**Course Coordinator**

**Dr. Vimala Mathew**

Scientist 'E'

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For more details about our institution and facilities visit us

Website: <http://nielit.gov.in/calicut>

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