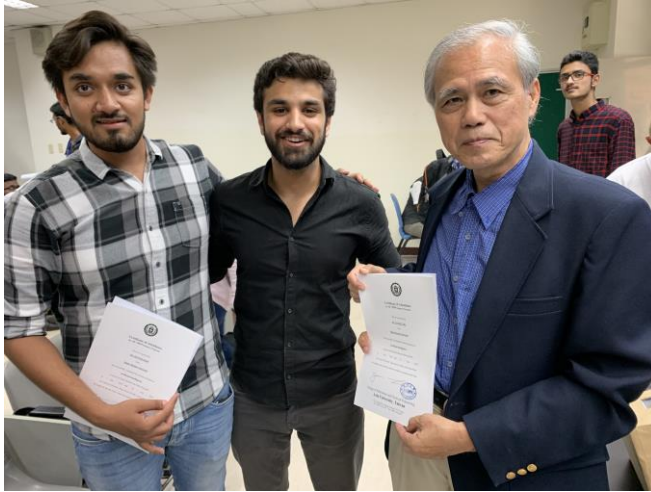


Manav Rachna University Department of ECE International Internship



Title of Internship: Artificial Intelligence and Machine Learning

Offering University: Asia University, Taichung, Taiwan

Duration: 15days

From: 15th July 2019 **To:** 30th July 2019

Names of students: Vansh Tara, Ravi Kumar

Semester: 7th

Batch: B-Tech ECE 2016-2020

Department: Electronics and Communication Engineering

Course: B.Tech in ECE

Topics Covered:

- Module 1- Data Exploration Using Pandas
- Module 2 - Plotting in Financial Markets
- Module 3 - Regression - Beta Calculation
- Module 4 - Algo Trading using Classification
- Module 5 - Modern Portfolio Theory
- Module 6 - Clustering for Diverse portfolio analysis
- Module 7 - Internship Report Finalization

Outcomes of Internship:

At the end of the summer programme, students developed a project on Automated Object Inspection. It is a key technique used in the manufacture and test of electronic PCB's. It enables fast, accurate inspection of electronic assemblies and PCB's to ensure that the quality of the product leaving the production line is high and the items are built correctly and without manufacturing faults.