

## REGISTRATION PROCESS

**Step 1: Visit the Website**

**[www.mangaloreuniversity.ac.in/muic](http://www.mangaloreuniversity.ac.in/muic)**

**Step 2: Click on 'Registration Form'**

**Step 3: Make the payment and fill up the registration form**

**Step 4: Click on Submit.**

**Registration Fee: Rs.1500/-**

### **Pre-requisite:**

- A desktop or notebook with 64 bit OS (Windows/Linux) & Internet connectivity
- Training is through WebEx so candidates need to download WebEx app

**Who can attend: Faculty, Research Scholars, Any Graduates / Post Graduates Students.**

**For Registration Visit**

**[www.mangaloreuniversity.ac.in/muic](http://www.mangaloreuniversity.ac.in/muic)**

**Email Us**

**[incubationmuic@gmail.com](mailto:incubationmuic@gmail.com)**

## Resource Person

### **Prabhat Kumar Padhy**

B.Tech (Computer Science) and MS (Software Systems) accomplished IT Professional having 14.4 years of rich experience in Product Engineering, Designing, Development, Testing, Test Management, SQA, Design Verification, Software/ Hardware Validation, developing test suite/harness, test bench setup identifying business goals, developing test strategies and liaising among stake holders with an objective to deliver projects on time with quality. Currently Senior Software Engineer Vb (Senior Specialist) with Hewlett-Packard, seeking to be an effective catalyst in motivating & team building through value added initiatives, customer orientation, dedication and positively contributing to the organizational growth.

### Convener

**Dr. Naveen Kumar S.K.**

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## **MANGALORE UNIVERSITY**

(Accredited by NAAC with 'A' Grade)

**MANGALORE UNIVERSITY**

**INCUBATION CENTRE**



### **Online Course on Artificial Intelligence using Python**

28<sup>rd</sup> to 30<sup>th</sup> September 2020



### Venue

**MUIC, Lecture Complex,  
Mangalore University  
Mangalagangothri - 574199**



Mangalore University (MU) is located at the picturesque hillock spreading over 350 Acres of land at Mangalagangothri located 20 km to the southeast of the historic coastal town of Mangalore, setting the tone for the educational endeavors of the three districts under the jurisdiction of the university. It is a young and vibrant university starting as a modest post graduate center of the University of Mysore to become the focal point of an independent university in 1980. The university has 25 post graduate departments in the campus with 209 affiliated colleges / institutions.

### **Mangalore University Incubation Centre (MUIC)**

MUIC is the flagship initiative of MU in partnership with IBM India Pvt. Ltd and their Business Partner NCS India to serve the needs of the students in the job market. We offer Certificate, Diploma, Advanced Diploma, Internship and Project programs in latest technology trends in the marketplace. A global giant of technologies like IBM on board, allows us to adapt and evolve to latest technologies as and when new trends appear in the horizons of today's ever evolving, knowledge driven job market. This makes it the right place for you to invest your valuable time, effort and money with us. With utmost commitment to quality of education, MUIC invites you to this exciting journey of learning.

### **About the workshop**

Data Science is emerging as a hot new profession and academic discipline and machine learning is a key technique in data science. Harvard Business Review says Data Scientist is the Sexiest Job of the 21st Century. But demand for data scientists is racing ahead of supply. People with the necessary skills are scarce, primarily because the discipline is so new. This course is designed to give a start and introduction to this new discipline. This course is spread across 3 days and will have a plenty of hands on exercises on real world data. It would give a glimpse about implementing various AI algorithms in Python.

### **Training Topics:**

- Introduction to AI / Data Science and what is AI ?
- Understanding the Data Analytical software stack
- Accessing, preparing and exploring data with Pandas & Scipy
- Understanding difference between Machine Learning, Deep Learning and AI
- Machine Learning – classification, Regression, Clustering in python
- Logic Programming in Python
- NLP through NLTK package in python
- Speech recognition in Python
- Heuristic search in Python
- Neural Network in Python
- Genetic Algorithm in python
- Computer Vision in python

### **Some of the Courses Conducted in MUIC**

#### **Data Analytics**

Data Analytics is a process of inspecting, cleansing, transforming, and modeling data with the goal of discovering useful information, informing conclusions, and supporting decision-making.

#### **IoT (Internet of Things)**

The Internet of Things (IoT) is the extension of Internet connectivity into physical devices and everyday objects. Embedded with electronics, Internet connectivity, and other forms of hardware (such as sensors), these devices can communicate and interact with others over the Internet, and they can be remotely monitored and controlled.

#### **Cyber Security**

Cyber Security is important because government, military, corporate, financial, and medical organizations collect, process, and store unprecedented amounts of data on computers and other devices.

#### **SPSS**

SPSS is used by market researchers, health researchers, survey companies, government entities, education researchers, marketing organizations, data miners, and many more for the processing and analyzing of survey data.