



Training program Series -2020

Artificial Intelligence (AI) & Machine Learning (ML)

Training Program

Organized by INCUBEIN, RTMNU Business Incubation Center

About program	Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it learn for themselves.	
Highlights of Training	Live project work Campus Interview after completion Internship at IT partners One to one communication	
Organized By	INCUBEIN, RTMNU Business Incubation Center	
Training Partner	Nsemble.ai	
For Whom	Undergraduate / Post Graduate Students Hobbyists / Professionals	
Seats	20 seats per batch (first come first serve basis)	
Registration Dates	Registration is currently open Monday 27 th Jan to Saturday 15 th Feb 2020	
Start Dates	Batch 1: Monday 25 th Feb 2020, Time: 05.30 to 07.30 pm Batch 2: Monday 25 th Feb 2020, Time: 08.00 to 10.00am	
Venue	INCUBEIN (Business Incubation Center) University Campus, Amravati Road, Nagpur-440033	
Contact	Dr. Abhay Deshmukh Phone: 8329017791 E-mail: abhay.d07@gmail.com	For Technical Details Ms. Diptee Warhade Phone: 9881122163
Training Cost	Fees: Rs. 12000/- For Register Contact: 8329017791, Note: <ul style="list-style-type: none"> • Confirmation of registration by organizers only • Organizers reserve the right to accept or refuse or delay registrations. • Fees paid is not refundable and non-transferable under any circumstances. 	
About INCUBEIN	INCUBEIN is Business Incubation Center which promotes the innovations and incubates them for start up to become successful entrepreneur by providing them Funding, workspace and mentoring. This Center will also provide a platform to any citizen in the age group of 8 to 70 years, irrespective of their educational background. At INCUBEIN, our goal is to aware the individuals at the grass root level to get through initial phase.	

Curriculum

The Artificial Intelligence and Machine Learning curriculum has been designed for basic understanding and its applications in the various field

- ❖ Python
- ❖ Data Analysis & Visualization
- ❖ Machine Learning
- ❖ Statistics
- ❖ Deep Learning

Python	<ul style="list-style-type: none">➤ Python Basics➤ Python Functions and Operators➤ Python conditions and Loops➤ Project: Rock Paper Scissors
Data Analysis & Visualization	<ul style="list-style-type: none">➤ Introduction of Data Analysis and Visualization➤ Pandas, NumPy, Matplotlib➤ Project work
Statistics	<ul style="list-style-type: none">➤ Introduction of statistics➤ Probability & Theorems➤ Descriptive statistics➤ Probability distributions➤ Sampling Theory➤ Hypothesis Testing➤ Correlation and Linear Regression➤ Project work
Machine Learning	<ul style="list-style-type: none">➤ Introduction of Machine Learning➤ Supervised Learning➤ Unsupervised Learning➤ Project work
Deep Learning	<ul style="list-style-type: none">➤ Introduction of Deep Learning➤ Forward propagation, Backward Propagation and Gradient Descent➤ Mathematical Derivation➤ Sampling Theory➤ Convolutional Neural Network➤ Project work