Anekant Education Society's

Tuljaram Chaturchand College
of Arts, Science and Commerce, Baramati.
(Autonomous)

Department of BBA(Computer Application)

Organizes

Five Days Hands-on Training Program

on

"Machine Learning using Python"

Under the Aegis of RUSA/ED Cell

Date: 9th January 2023 to 13th January 2023.

Time: 10.00 am to 5.00 pm

Resource Person

Mr. Prajyot Patil

Founder,
AIS Solutions, Pvt. Ltd, Pune

Ms.M.R.Saste	**Mrs.S.P.Patil**	**Dr.R.T.Sapkal**	**Dr.C.V.Murumkar**
Organizing	Convener	Coordinator	Chairman
Committee	Head, BBA(C.A)	RUSA	Principal,
			T.C.College,Baramati

Report of Five Days Hands-on Training Program on Machine Learning using Python

<div align="right">

Date – 18/01/2023

BBA(C.A) Department.

</div>

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

Subject: –Reporting of five days hands-on training program on "Machine Learning using

Python" for SY, TYBBA (C.A) students under RUSA.

Respected Sir,

BBA(C.A.) Department has organized five days hands-on training program under RUSA on **"Machine Learning using Python"** for SY, TYBBA (C.A) students dated from 9/01/2023 to 13/01/2023 from 10.00 am to 5.00 pm.

The motto of this training program was to give practical insights about Machine Learning Modules to the students and to discuss how they can start their high-flying careers in Machine Learning Development.

Mr. Prajyot Patil, Founder of AIS Solutions Pvt. Ltd. Pune, was invited for conducting the training program for 45 students of SY, TYBBA (C.A). The main emphasis of this training program is to provide practical hands-on training of various Machine Learning Modules Development & to give valuable knowledge & skills by doing instead of watching. The training was conducted in two sessions every day.

On the first day of training, he explained Concepts in Python programming like Variables, Data Types, Operators, Looping & Conditional Statements, Functions.

On the second day of training, he explained the Libraries in Python like Numpy, Pandas & Matplotlib & also conducted practical based on these libraries.
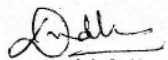
On the third & fourth day of training, he provided hands-on training on various types of Machine Learning Models using different datasets.

On the fifth day, concepts of Neural Networks was taken.

The students enjoyed the training and learned Machine Learning practical rather than learning it theoretically. The students were enthusiastically asked questions & their doubts which were answered & cleared by Mr. Prajyot Patil. The beneficiaries of this training have learned about tools to train machines based on real-world situations using Machine Learning algorithms and prepare them to create applications efficiently.
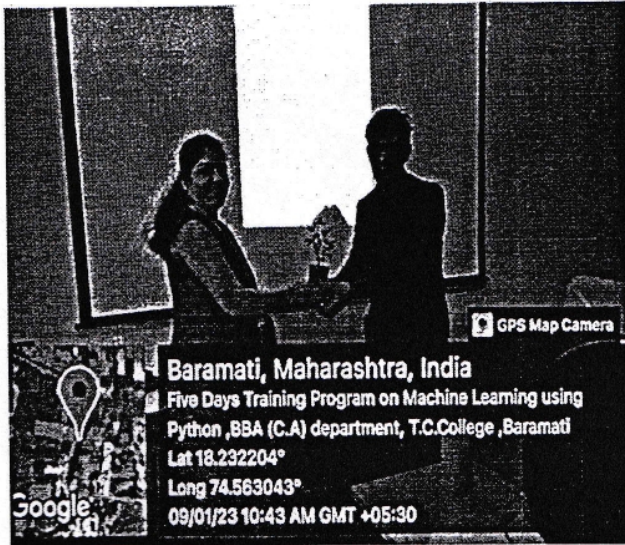
The training was coordinated with the support of the Principal & Faculties. The workshop ended with a pleasant note with both students & faculty.
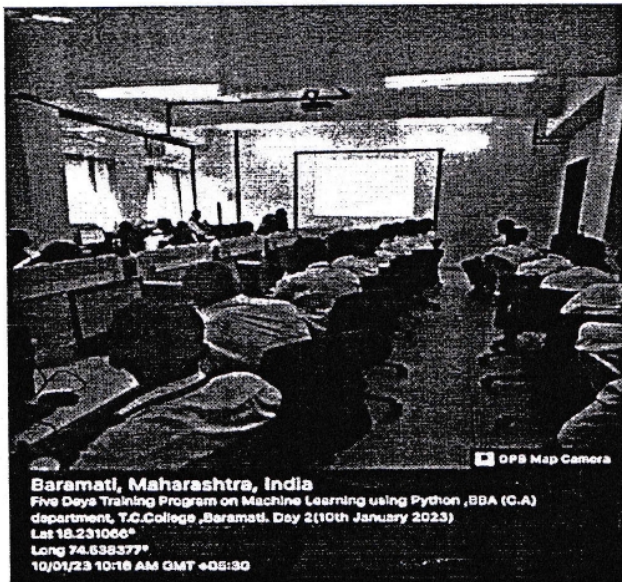
Thanking you,
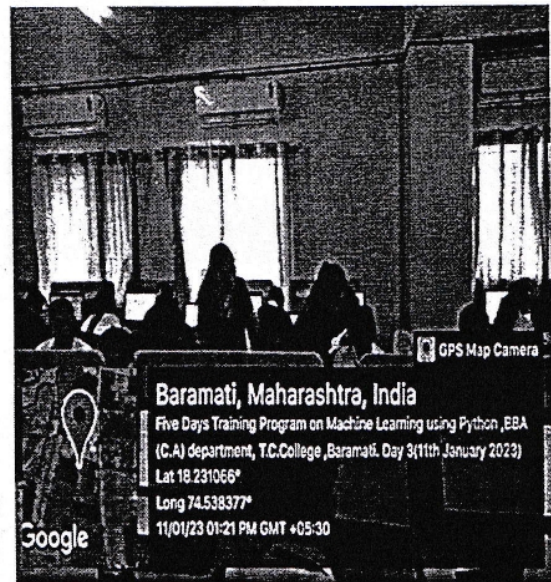
Yours Faithfully,

H.O.D. BBA(C.A)

Anekant Education Society's
Tuljaram Chaturchand College of Arts Science and Commerce,Baramati(Autonomous)
Department of BBA(Computer Application)
Sub- Machine Learning Using Python Training Attendance

Class : SY & TYBBA(C.A.)   Time :- S1: 10.00 am to 1.00 pm & S2- 2.00 to 5.00 pm

Roll No.	Student Name	09-01-23		10-01-23		11-01-23		12-01-23		13-01-23	
		S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2
13032	POKAR VAISHNAVI										
13039	LONDHE ROHAN										
13043	TAWARE TEJAS										
13047	BHUKAN PRASHANT										
13057	BARAMATIWALA FATEMA										
13063	PISAL NANA										
13090	MUJAWAR AYESHA										
13058	ZENDGE YASH										
17907	DANGE SUYASH										
17906	JAGTAP OMKAR										
13048	SHAHANE MANSI										
13951	KURUMKAR HARSHADA										
13081	LAGAD SHRUTI										
13049	CHOUDHARI PRATHAMESH										
13084	BHOSALE SANSRUTI										
13017	GAOSAVI PRITI										
13111	PARKALE SAURABH										
13112	PAWAR SHANTANU										
13113	KOKARE RUSHIKESH										
13115	WAGHMARE ANUSHKA										
13116	DHAVALE DNYANESHWARI										
13117	MORE RAJESHWARI										
13118	RAJPURE SANIKA										
13119	SAPKAL SAYALI										
13120	RASAL ANIKET										
13121	JAWALE ANUSHKA										
13123	NALE RUTUJA										
13124	GAIKWAD YOGITA										
13126	KAPASE SWAPNALI										
13127	GARALE ROHINI										
13128	KHARAT DIPAK										
13131	KALE SAKSHI										
13134	DANGAT PRATIK										
13138	GADADE TUSHAR										
13141	ZADKAR TRUPTI										
13148	MANE AKSHAY										
13149	BORATE YOGESH										
13153	LAVAND CHITRALEKHA										
13154	PHADTARE ARYAN										
13160	TARANGE RUSHIKESH										
13162	MANE ARJUN ANIL										
13165	SAMBREKAR UTKARSH										
13171	GHADAGE PRANALI										
13169	DESHMUKH SURAJ										
13182	GOPHANE PRANOTI										

First Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using
Python ,BBA (C.A) department, T.C.College ,Baramati
Lat 18.232204°
Long 74.563043°
09/01/23 10:43 AM GMT +05:30

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using
Python ,BBA (C.A) department, T.C.College ,Baramati. Day
1 (9th January 2023)
Lat 18.232204°
Long 74.563043°
09/01/23 01:26 PM GMT +05:30

Second Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A)
department, T.C.College ,Baramati. Day 2(10th January 2023)
Lat 18.231066°
Long 74.538377°
10/01/23 10:18 AM GMT +05:30

Third Day

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA
(C.A) department, T.C.College ,Baramati. Day 3(11th January 2023)
Lat 18.231066°
Long 74.538377°
11/01/23 01:21 PM GMT +05:30

Resource Person Details:

Sr.No	Name of the Resource Person	Designation	Bank Account Details	Renumeration
01	Mr.Prajyot Sagar Patil	CEO,AISolutions PVT LTD	Bank of India AccNo:091810110009503 IFSC: BKID0000918	67500

Invoices for expenditure:

Sr.No	Name of Person	Renumeration Amount
01	Mr.Prajyot Patil	67500/-
02	Mrs.S.P.Patil	1000/-
03	Mrs.M.R.Saste	1500/-
	Total	70000/-

AIS SOLUTIONS PVT LTD

Office 2, Kudale Patil Palace, Manikbaug, Pune-411051

College Name:	T.C College, Baramati.	**Invoice No :**	012023
Department	BBA (C.A.)	**Course Name:**	Machine Learning
Pan No:	CVQPP5837B	**Date :**	9th-13th jan 23

Payment Date	Description	Payment	Total
16-01-2023	Machine Learning Workkshop	45 * 1500	67500

TOTAL PAID	0.00
DUE	67,500.00
TOTAL	67,500.00

Name: Prajyot Sagar Patil
Acc No.: 0918101100009503
IFSC BKID0000918

Authority Sign.

THANK YOU FOR YOUR BUSINESS!

Note: Kindly check Invoice before accepting .

AIS SOLUTIONS PVT LTD

Office 2, Kudale Patil Palace, Manikbaug, Pune-411051

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Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on **"Machine Learning using Python"**

Date: 9/1/2023 to 13/1/2023

Schedule

Session I :10.00 am to 1.00 pm

Session I :2.00 pm to 5.00pm

Date	Session	Topic
9/1/2023	I	- Introduction to Python - Variables and Data Types - Operators
		Lunch Break
	II	- Looping Statements - Conditional Statements - Functions
10/1/2023	I	- Numpy Library - Pandas Library
		Lunch Break
	II	Matplotlib Library
11/1/2023	I	**Introduction to Machine Learning** - Application of Machine Learning - Why Machine Learning is the Future? - Installing Python,Anaconda (Mac,Linux,Windows)
		Lunch Break
	II	**Data Understanding and Pre-processing** - Selection Dependent Variables - Select Appropriate Algorithm - Data Frame Manipulation - Missing Data Handling - Categorical Data
12/1/2023	I	- Label Encoding or One Hot Encoding Technique - Train Test Validation Technique
		Lunch Break
	II	- Simple Linear Regression - Multiple Linear Regression - K-NN regression - Decision - Random Forest
13/1/2023	I	Image Processing using OpenCV
		Lunch Break
	II	Image Processing using OpenCV

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

Date: 9/1/2023 to 13/1/2023   Time 10.00 am to 5.00pm

Feedback Form

Sr.No.	Questionnaire	Excellent	Very Good	Good	Average	Poor
1	How did you rate the Expertise of the Instructor? [Level of skill/knowledge]	✓				
2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]	✓				
4	How did you find the content of the Training? [Learning objectives were clear]	✓				
5	How did you find the content of the Training? [Training content was organized and well planned]	✓				
6	What aspects of this training were most useful or valuable?	This workshop changed my vision towards Machine Learning. & guided me to better carrier & improved my knowledge in Machine Learning & DA.				
7	Any Suggestions/Comments:					

Name of Student: Sambrekar Utkarsh Raju

Class: T.Y BBA(CA)

Roll No: 13165

Sign: URSambreka

Date:

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous)

Department of BBA (Computer Application)

Name of Program: Five Days Hands on Training Program on **"Machine Learning using Python"**

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2	Skill and responsiveness of the instructor [Presentations were clear and organized]	✓				
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]		✓			
4	How did you find the content of the Training? [Learning objectives were clear]	✓				
5	How did you find the content of the Training? [Training content was organized and well planned]	✓				
6	What aspects of this training were most useful or valuable?	It is very useful training for my carrier.				
7	Any Suggestions/Comments:	—				

Name of Student: Parkale Saurabh

Class: TYBCA

Roll No: 15111

Sign: S.Parkale

Date: 13/01/2023

Tuljaram Chaturchand College of
of Arts Science and Commerce , Baramati
Autonomous

Payment Voucher

Date: 9/01/2023

Name :- Prajyot Sagar Patil

Address:- AISolutions Pvt Ltd.

Head of Exps on account of:-

Particulars of Payment	Honorarium	TA	Total
5 days hands on workshop on Machine Learning using Python Date 09-1-2023 to 13-01-2023	67500	—	67500
			67500

Rupees in Words:

Name of Payee:-	Mr. Prajyot Sagar Patil
Name of Bank	Bank of India
Account No.	091810110009503
Branch Name	Kurundwad.
IFSC Code	BKID0000918

For Account Use Only
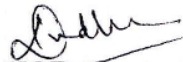
Checked & Found Correct recommended for Payment

Account Clerk   Office Superitendant   Registrar
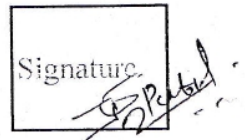
Allowed & Pay/ Not Pay

HOD

Department of - BBA CC. A.)   Principal

Received with thanks from The Principal. Tuljaram Chaturchand College, Baramati

Signature

Certificate

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.

This Certificate is presented to

Mr./Ms.

For completing the **Five day's Workshop on Machine Learning Using Python** held on 9th January 2023 to 13th January 2023 jointly organized by Department of BBA(C.A.) under RUSA, in collaboration with AIS Solutions Pvt Ltd, Pune.

Mrs. S.P.Patil	Dr. R.T. Sapkal	Dr. C.V.Murumkar	Mr. Prajyot Patil
HOD BBA (C.A.)	Co-ordinator, RUSA	Principal	Founder & CEO