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

MoU Activity Report

Department of BBA(CA) Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Autonomous) in collaboration with **AIS Solution,Pune**

Details of Activity

Date of Activity:**9 jan to 23 jan 2023**

Title of Activity: Machine learning using Python.

Academic Year:-**2022-23**

Number of Beneficiaries/Participants:**45**

Name of Collaborative Agency: **AIS Solution,Pune**

AIS SOLUTIONS PVT. LTD

DIRECTOR

Dr. Chandrashekhar Murumkar
Principal

*Enclosure: Activity Report

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

Date – 18/01/2023

BBA(C.A) Department.

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

Subject: –Reporting of five days hands-on training program on "Machine Learning using Python" for TYBBA(CA) students

Respected Sir,

Department of BBA(C.A.) Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati had signed MoU with AIS Solutions Pvt. Ltd. Pune. Collaboration with AIS Solution Pvt. Ltd. Pune, BBA(C.A.) Department and RUSA jointly organized five days hands-on training program on **"Machine Learning using Python"** for TYBBA (CA) 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 40 students of 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 Anaconda Installation, 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.
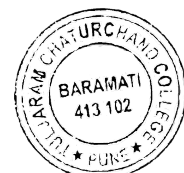
On the third & fourth day of training, he provided hands-on training on various types of Machine Learning Models.

On the fifth day, the hands-on training on OpenCV and image processing application development was taken.

The students enjoyed the training and learned Machine Learning practicals 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)

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

Anekant Education Society's

Tuljaram Chaturchand College Baramati (Autonomous)

Department of BBA(C.A.)

Notice

Sr.No.   Date:-05-01-2023

All the students of SY and TYBBA (C.A.) are hereby informed that, our department is organizing Five days hand-on training on 'Machine Learning using Python' on 9th January to 13th January 2023. Register for the same.

Dept. of
BBA (C.A.)

Head of Department

Date - 5/01/2023

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

Subject –   Permission for organizing Five days hands-on Training Program on "Machine Learning using Python" under ED Cell

Respected Sir,

With reference to the above subject, I want to organize Five days hands-on Training program on "Machine Learning using Python" from 10th January 2023 to 14th January 2023.
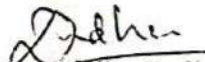
So, I request you to give permission for organizing it.

Thanking You,

Yours Faithfully,

Mrs. Sudha Patil

BBA(C.A.) Department

Recommended
to organize
under ED Cell
5/1/2023

Date - 5/01/2023

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

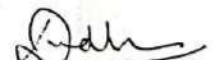Subject – About providing accommodation and hospitality to the guest.

Respected Sir,

Our department is organizing Five days hands-on training program on" **Machine Learning using Python"** from **10th January 2023 to 14th January 2023**. The resource person, Mr. Prajyot Patil is staying here during this period.

So, I request you to give permission to him to stay in MBA Guesthouse. Also give permission for arranging his breakfast, tea, lunch & dinner in Mess during the said period.

Thanking You,

Yours Faithfully,

Mrs. Sudha Patil

BBA(C.A.) Department

Ref. No. AES/TCC/ છ ⁄1352

Date: 1-3 JAN 2023

To,
Mr.Prajyot Patil
Founder,
AIS Solutions, Pvt. Ltd, Pune

I would like to thank you for taking time out of your busy schedule and very active participation in our **"Five Days Hands-on Training Program on Machine Learning using Python"** as a resource person. Total 45 participants had registered for this Training program.

The training was very informative, and your insights were extremely valuable. Students learned a lot, and I'm sure that they did as well. Thank you for taking the time to come in and conduct the training. It was much appreciated!

I appreciate all your efforts in making the training a success. Thank you once again for your contribution.

I hope it was a positive experience for you as well. Again, my sincere thanks for this important guidance.

Wishing you all the best for your future endeavors.

Thanking you,

HOD
Dept. of BBA (C.A)

Principal

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

Head

Department of BBA(Computer Application)

Tuljaram Chaturchand College,Baramati

1. Felicitation Of Workshop

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A) department,
T.C.College ,Baramati. Day 5(13th January 2023)
Lat 18.232218°
Long 74.538659°
13/01/23 03:56 PM GMT +05:30

2. Between the Workshop

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA
(C.A) department, T.C.College ,Baramati. Day 5(13th January 2023)
Lat 18.232218°
Long 74.538659°
13/01/23 11:22 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

3. Student demoing between workshop

Baramati, Maharashtra, India
Five Days Training Program on Machine Learning using Python ,BBA (C.A) department, T.C.College ,Baramati. Day 5(13th January 2023)
Lat 18.232218°
Long 74.538659°
13/01/23 03:27 PM GMT +05:30

4 . Valedictory of Workshop

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 S-1	09-01-23 S-2	10-01-23 S-1	10-01-23 S-2	11-01-23 S-1	11-01-23 S-2	12-01-23 S-1	12-01-23 S-2	13-01-23 S-1	13-01-23 S-2
13032	POKAR VAISHNAVI	Pokar	Pokar	Pokar	Pokar	Pokar	Pokar	Pokar	Pokar	Pokar	Pokar
13039	LONDHE ROHAN	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L	Rohan.L
13043	TAWARE TEJAS	Tawar	Tawar	Tawar	Tawar	Tawar	Tawar	Tawar	Tawar	Tawar	Tawar
13047	BHUKAN PRASHANT	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan	P.Bukan
13057	BARAMATIWALA FATEMA	RoE	RoE	RoE	RoE	RoE	RoE	RoE	RoE	RoE	RoE
13063	PISAL NANA	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
13090	MUJAWAR AYESHA	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha	Aayesha
13058	ZENDGE YASH										
17907	DANGE SUYASH	Dange	Dange	Dange	Dange	Dange	Dange	Dange	Dange	Dange	Dange
17906	JAGTAP OMKAR	Piul	Piul	Piul	Piul	Piul	Piul	Piul	Piul	Piul	Piul
13048	SHAHANE MANSI										
13051	KURUMKAR HARSHADA	Hu	Hu	Hu	Hu	Hu	Hu	Hu	Hu	Hu	Hu
13081	LAGAD SHRUTI	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL
13049	CHOUDHARI PRATHAMESH	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri	Pchoudhri
13084	BHOSALE SANSRUTI	Shms	Shms	Shms		Shms	Shms	Shms	Shms	Shms	Shms
13017	GAOSAVI PRITI	SPG	SPG	SPG	SPG	SPG	SPG	SPG	SPG	SPG	SPG
13111	PARKALE SAURABH	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl	S.Parl
13112	PAWAR SHANTANU	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
13113	KOKARE RUSHIKESH	R	R	R	R	R	R	R	R	R	R
13115	WAGHMARE ANUSHKA										
13116	DHAVALE DNYANESHWARI										
13117	MORE RAJESHWARI	Bmore	Bmore	Bmore	Bmore	Bmore	Bmore	Bmore	Bmore	Bmore	Bmore
13118	RAJPURE SANIKA	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure	Rajpure
13119	SAPKAL SAYALI	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal	Sapkal
13120	RASAL ANIKET	Arasal	Arasal	Arasal	Arasal			Arasal	Arasal	Arasal	Arasal
13121	JAWALE ANUSHKA	AJawale	AJawale	AJawale	AJawale	AJawale	AJawale	AJawale	AJawale	AJawale	AJawale
13123	NALE RUTUJA	RNale	RNale	RNale	RNale	RNale	RNale	RNale	RNale	RNale	RNale
13124	GAIKWAD YOGITA	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad	Ygaikwad
13126	KAPASE SWAPNALI	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase	S.A.kapase
13127	GARALE ROHINI	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA	GaraleRPA
13128	KHARAT DIPAK	Kharat	Kharat	Kharat	Kharat	Kharat	Kharat	Kharat	Kharat	Kharat	Kharat
13131	KALE SAKSHI									Kharat	Kharat
13134	DANGAT PRATIK	Dangat	Dangat	Dangat	Dangat	Dangat	Dangat	Dangat	Dangat	Dangat	Dangat
13138	GADADE TUSHAR	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad	Gad
13141	ZADKAR TRUPTI	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar	Zadkar
13148	MANE AKSHAY	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM
13149	BORATE YOGESH	YBorate	YBorate	YBorate	YBorate	YBorate	YBorate	YBorate	YBorate	YBorate	YBorate
13153	LAVAND CHITRALEKHA	cuul	cuul	cuul	cuul	cuul	cuul	cuul	cuul	cuul	cuul
13154	PHADTARE ARYAN	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ	AJ
13160	TARANGE RUSHIKESH	BJafa	BJafa	BJafa	BJafa	BJafa	BJafa	BJafa	BJafa	BJafa	BJafa
13162	MANE ARJUN ANIL	mas	mas	mas	mas	mas	mas			Blafa	Blafa
13165	SAMBREKAR UTKARSH	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar	USambrekar
13171	GHADAGE PRANALI										
13169	DESHMUKH SURAJ			Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj	Suraj
13182	GOPHANE PRANOTI	GP	GP	GP	GP	GP	GP	GP	GP		

J Head
Department of BBA(Computer Application)
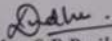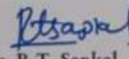Tuljaram Chaturchand College,Baramati

Certificate

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
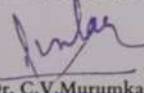
This Certificate is presented to

Mr./Ms. TAWARE TEJAS SANTOSH

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

Anekant Education Society's

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

Department of BBA (Computer Application)
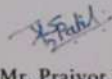
Name of Program: Five Days Hands on Training Program on "Machine Learning using Python"

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: Sambhrekar Utkarsh Raju

Class: T.Y BBA(CA)

Roll No: 13165

Sign: Sambreka

Date:

[Department stamp: Dept. of BBA (C.A.), TULJARAM CHATURCHAND COLLEGE, BARAMATI]

Head
Department of BBA (Computer Application)
Tuljaram Chaturchand College, Baramati

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?	It is very useful training for my carrier.				
7	Any Suggestions/Comments:	—				

Name of Student: Parkale Saurabh

Class: TYBCA

Roll No: 15111

Sign: S.Parkalle

Date: 13/01/2023

Anekant Education Society's

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?	Neural Network				
7	Any Suggestions/Comments:	This is very precious course for us.				

Name of Student: Dange Suyash Prabhakar

Class: SYBBA (C.A)

Roll No: 17907

Sign: Dange

Date:

Anekant Education Society's

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?	Real life, application based knowledge & advices				
7	Any Suggestions/Comments:					

Name of Student: Fatema. Baramatiwala.

Class: S.Y.BBA (CA)

Roll No: 13057

Sign:

Date: 13/1/22