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. LTE

DIRECT NO

BARAMATI &

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)



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 Organizing Committee

Mrs.S.P.Patil Convener Head, BBA(C.A)

Dr.R.T.Sapkal Coordinator RUSA Dr.C.V.Murumkar Chairman 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

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

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 10thJanuary 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,

BBA(C.A.) Department



College with excellence at par

Dr. Chandrashekhar V. Murumkar

Life Time Achievement Awardee

E-mail :- principal@tccollege.org, principal.tccollege@gmail.com

Website: www.tccollege.org

R: (02112) 222405, 223635 Fax: (02112) 222728

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Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE

of Arts, Science and Commerce, Baramati, 413102 (Autonomous Institute)

Religious Minority Institute

NAAC Reaccredited 'A+', CGPA 3.55

ISO - 9001 - 2015 Certified

DBT - Star College Scheme

- DSTFIST 'O'Level
- UGC CPE Status
- Green Audit Certified
- Best College Awardee-SPPU
- Best Principal Awardee-SPPU
- UGC B. Voc. Programme

Affiliated to Savitribai Phule Pune University (Formerly University of Pune) (Id No.PU/PN/ASC/016/1962) Univ. College Code No. 032, HSC Board Code No.J 11.02.001(1976-77)

Ref. No. AES/TCC/ Cen 1352

Date 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,

Dept. of BBA (C.A)

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
(L)	I	 Introduction to Python Variables and Data Types
		Operators
9/1/2023		Lunch Break
	1. e	Looping Statements
3 . 5	II	Conditional Statements
	3	Functions
	1	Numpy Library
10/1/2023		Pandas Library
10/1/2023		Lunch Break
	п	Matplotlib Library
		Introduction to Machine Learning
		 Application of Machine Learning
	1	 Why Machine Learning is the Future?
	11.11	Installing Python, Anaconda (Mac, Linux, Windows)
11/1/2023		Lunch Break
	23	Data Understanding and Pre-processing
		Selection Dependent Variables
		Select Appropriate Algorithm
* * =		Data Frame Manipulation
		Missing Data Handling
		Categorical Data
		Label Encoding or One Hot Encoding Technique
	I	. Train Test Validation Technique
		Lunch Break
12/1/2023		Simple Linear Regression
ILI II LULJ		Multiple Linear Regression
	II	K-NN regression
(a)	**	Decision
*		Random Forest
	I	Image Processing using OpenCV
13/1/2023		Lunch Break
	II	Image Processing using OpenCV



J Head

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

1. Felicitation Of Workshop



2. Between the Workshop







3. Student demoing between workshop



4. Valedictory of Workshop



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

Department of BBA(Computer Application)
Sub- Machine Learning Using Python Training Attendance

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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]	~			3	-
2	Skill and responsiveness of the instructor [Presentations were clear and organized]	V				R
3	Skill and responsiveness of the instructor [Instructor stimulated student interest]	V		gr Ner	-	
4	How did you find the content of the Training? [Learning objectives were clear]	V			=	
5	How did you find the content of the Training? [Training content was organized and well planned]	/	14			
6	What aspects of this training were most useful or valuable?	This worksho Learning. & gui	op chonged ded me to	my vision	in bowards p	Tachine
7	Any Suggestions/Comments:	Try Know	reads 1 p	Mark	ne learning &	DA:

Name of Stud	ent: Sambrekar Utkarsh	Rain
Class:	T. Y BBA(CA)	1190
Roll No:	131.65	. 提出
Sign:	Rombreke	

Date:



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

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.(Autonomous) Department of BBA (Computer Application)

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6	What aspects of this training were most useful or valuable?	This	5 Very	usefi Carrie	ul train	ing
7	Any Suggestions/Comments:	,	-			

Name of Student:	Parkale Saurabh	
Class:	TYBCA	Asher
Roll No:	13111	
Sign:	(Syarkelle	

Date: 13/01/2023



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Department of BBA (Computer Application)

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6	What aspects of this training were most useful or valuable?	Meu	real N	(etwo	ek	
7	Any Suggestions/Comments:	This	is V se for	ery f	recious	

Name of Student:	Dunge.	Suyash	Prabhakar
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3	Skill and responsiveness of the instructor [Instructor stimulated student interest]	WORLDWAY HATTE AND	/	ALL REPORTS AND ADDRESS ASSESSMENT		
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5	How did you find the content of the Training? [Training content was organized and well planned]	y	/			
6	What aspects of this training were most useful or valuable?	Real life, application based knowledge & advices				culedge
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Name of Student:	Faterna. Baramatiwala.	
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Class:

S. Y. BBA (CA)

Roll No:

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Date: 13/1/22

