Date - 11/02/2022

To,

The Principal,

Tuljaram Chaturchand College,

Baramati.

Subject – Permission for organizing five days hands-on workshop on "Machine Learning with Python" in BBA(C.A) department under ED Cell or RUSA.

Respected Sir,

With reference to the above subject, I want to organize five days hands-on ~~workshop~~ training on "Machine Learning with Python" dated from Tuesday, 15th February 2022 to Saturday, 19th February 2022.

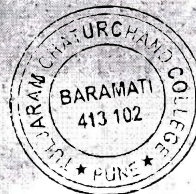So, I request you to give permission for organizing it.

Thanking You,

Yours Faithfully,

Mrs. Sudha Patil

BBA(C.A.) Department

Recommended to organize hands on training program
12/2/2022

Allowed
14.2.

BARAMATI
413 102

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

Date – 23/02/2022

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 under ED Cell.

Respected Sir,

      BBA(C.A.) Department has organized five days hands-on training program under ED cell on "Machine Learning using Python" for TYBBA (CA) students dated from 15/02/2022 to 19/02/2022 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.
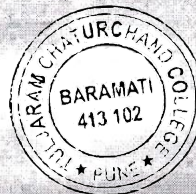
On the third & fourth day of training, he provided hands-on training on various types of Machine Learning Models.

On the fifth day, the hands-on training on OpenCV and image processing application development was taken.
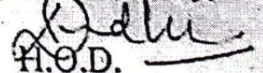
The students enjoyed the training and learned Machine Learning practicals rather than learning it theoretically. The students were enthusiastically asked questions & their doubts which were answered & cleared by Mr.Prajyot Patil. The beneficiaries of this training have learned about tools to train machines based on real-world situations using Machine Learning algorithms and prepare them to create applications efficiently.

The beneficiaries developed their own Machine Learning Modules like Forest Fire Prediction, Face Detection, Heart Disease Prediction, Mask Detection, Iris Flower Detection, Music Generic Classification.
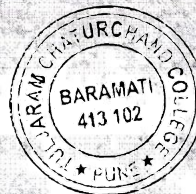
The training was coordinated with the support of the Principal & Faculties. The workshop ended with a pleasant note with both students& faculty getting benefited by invitee's rich experience & knowledge.
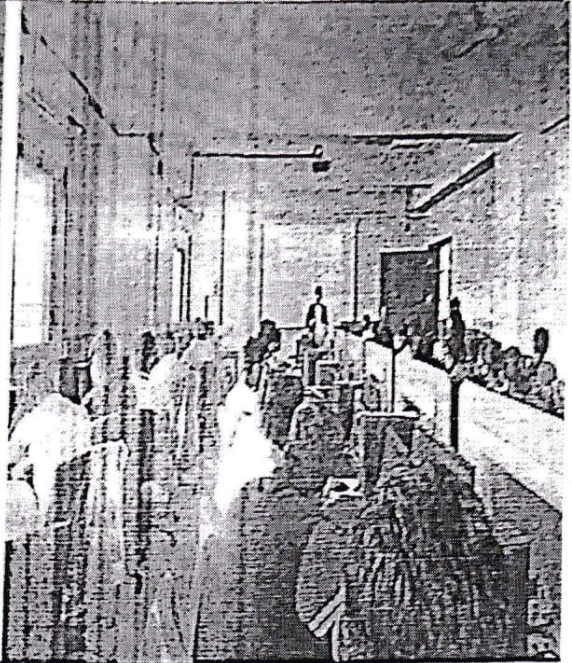
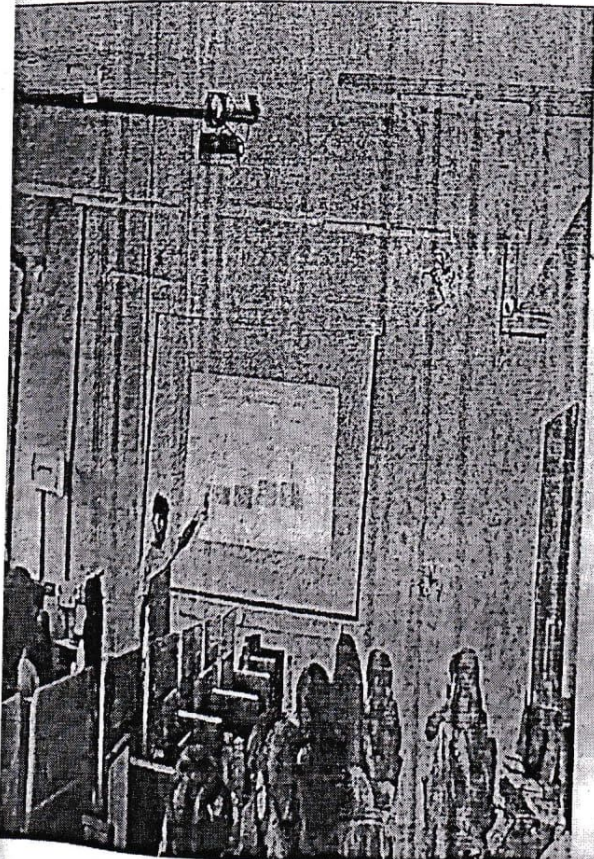Thanking you,

Yours Faithfully,

H.O.D.

BBA(C.A) Department

TULJARAM CHATURCHAND COLLEGE
BARAMATI
413 102
★ PUNE ★

Photographs of Machine Learning using Python training program

First Day

Baramati, Maharashtra, India
T.C College, Baramati, Maharashtra 413102, India
Lat 18.160021°
Long 74.579748°
15/02/22 11:57 AM

Second Day

Third Day

Baramati, Maharashtra, India
T.C College, Baramati, Maharashtra 413102, India
Lat 18.160021°
Long 74.579748°

Tuljaram Chaturchand College
of Arts, Science and Commerce, Baramati.
Department of BBA (Computer Application)
Schedule of Machine Learning using Python training program

Session I: 10am to 1pm
Session II : 2pm to 5pm

Date	Session	Topics
5/02/2022	I	• Introduction to Python • Variables & Data Types • Operators
		Lunch Break
	II	• Looping Statements • Conditional Statements • Functions
/02/2022	I	• Numpy Library • Pandas Library
		Lunch Break
	II	• Matplotlib Library
/02/2022	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 Variable • Select Appropriate Algorithm • DataFrame Manipulation • Missing Data Handling • Categorical data
/02/2022	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
/02/2022	I	• Image Processing using OpenCV
		Lunch Break
	II	• Image Processing using OpenCV

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
on

"Machine Learning using Python"
Under the Aegis of ED Cell

Date:15th to 19th February 2022
Time:10.00 to 5.00pm
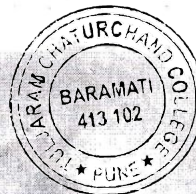
Resource Person
Mr. Prajyot Patil
Founder, AIS Solutions Pvt. Ltd., Pune

Ms. R.S. Babar	Mrs. S.P.Patil	Dr. V.C.Kakade	Dr. C.V.Murumkar
Organizing	Convener	Coordinator	Chairman
Committee	Head, BBA(C.A)Dept.	ED Cell	Principal,
			T. C. College, Baramati

Remuneration Details

No.	Name of the resource person	Designation	Affiliation	Bank A/C details	Remuneration (Rs)
	Mr. Prajyot Patil	Founder of AIS Solutions Pvt. Ltd. Pune.	ED Cell	Mr. Prajyot Patil HDFC Bank A/C No- 50200033176759 IFSC Code- HDFC0003649	60,000/-
	Mrs. Rupali S. Babar	Assistant Professor	ED Cell	Mrs. Rupali S. Babar Axis Bank A/C No- 918010091380448	2,500/-
		Total			62,500/-
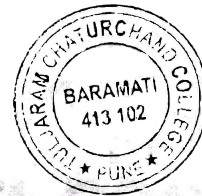
PERFORMA FOR APPLICATION FOR ORGANIZATION OF WEBINAR

1. Name of the department: BBA(Computer Application)

2. Activity : Webinar

3. Geographical Coverage : Departmental Level

4. Title of webinar : Machine Learning with Python

5. Date(s) : From 15 Feb 2022 to 19 Feb 2022

   Total number of days : Five

6. Name & designation of Convener/Organizing Secretary:

   Mrs. R.S.Babar, Assistant professor, Organizing Secretary

   Mrs.S.P. Patil, HOD, Convener,

   Dr. C.V Murumkar, Chairman

7. Details of Resource Person (Name, Designation, Institute, etc)
   Mr. Prajyot Patil
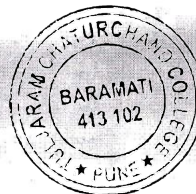   Founder of AIS Solutions Pvt. Ltd, Pune.

Broad Details of Estimated Expenditure(In Rs.) for

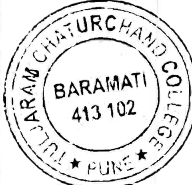Which Financial Assistance is sought:

   A. Honorarium for Resource Persons: Rs. 1500/- per students X 40=60000

   B. Local Hospitality : 2500

   C. TOTAL : Rs 62,500

Convener/Organizing Secretary

Head of the Department

	Student Name	15/02/2022		16/02/2022		17/02/2022		18/02/2022		19/02/2022	
		S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2	S-1	S-2
13111	GIRAMKAR TANUJA										
13114	RAJPURE VRUSHALI										
13115	BAWANE AARTI										
13118	KHADKE PRAJAKTA										
13119	KALOKHE RAJ M										
13120	KAMBLE ASAWARI										
13121	LONDHE NEHA										
13123	BHAGWAT MANASI										
13124	KAMBALE SNEHAL										
13125	FUKE PRATIK										
13127	AGARWAL RAJAT										
13130	SHEDAGE POOJA										
13131	JADHAV SHWETA										
13132	LONKAR MAYUR										
13133	MULIK HEMLATA										
13134	BANKAR TEJAS										
13135	SONAVANE RUPALI										
13136	MANE GAURAV										
13138	MOHITE NIKHIL										
13140	SAYYAD RAHIL										
13141	BHAGWAT TUSHAR										
13144	GANDHI YASH										
13147	DESAI SAMMED										
13148	CHAVAN SAKSHI										
13149	NARUTE SHUBHANGI										
13151	RAI RAKSHA										
13154	JAMBE MADHAVI										
13155	GADE ABHISHEK										
13160	KAMBLE KSHITIJ										
13163	KOKANE VISHAL										
13164	MARKAD ATUL										
13168	PAWAR SACHIN										
13169	MANDHARE SIDDHI										
13170	DHALE NIKITA										
13171	SUTAR YUVRAJ										
13173	DHEMBARE SANDHYA										
13174	MODI VASIM										
13180	RANAWARE PRAJKTA										
13181	KALE AKSHAY										
13185	Mehata Yash										

AIS SOLUTIONS

Certificate

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

This Certificate is presented to

.... ◆

For completing the Five Days Workshop of Machine Learning Using Python held on 15th of february 2022 to 19th of february 2022 jointly Organized by Department of BBA (C.A) and ED Cell, in collaboration with AIS Solutions Pvt Ltd, Pune..
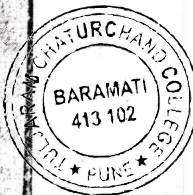
Dr. V.C. Kakade

Co-ordinator, ED Cell

Mrs. S.P.Patil

HOD BBA (C.A)

Dr. C.V.Murumkar

Principal

Mr. Prajyot Patil

Founder & CEO

Stamp: TULJARAM CHATURCHAND COLLEGE, BARAMATI 413 102, PUNE

Student Full Name:	How did you	Skill and respon:	Skill and respons	Skill and respons
Lonkar Mayur Deepak	Very good	Agree	Agree	Agree
Dhembare Sandhya Jagannath	Excellent	Strongly agree	Strongly agree	Agree
KAMBLE KSHITIJ BANAJI	Very good	Strongly agree	Strongly agree	Agree
SAYYAD RAHIL JILANI	Excellent	Agree	Agree	Agree
Mohite Nikhil Mahadeo	Excellent	Agree	Agree	Agree
Vrushali Vasant Rajpure	Excellent	Strongly agree	Agree	Strongly agree
Pratik vitthal fuke	Very good	Agree	Strongly agree	Strongly agree
Jambe Madhavi Shivaji	Very good	Neutral	Neutral	Neutral
Markad Atul Namdev	Very good	Agree	Agree	Agree
Neha Prakash Londhe	Excellent	Strongly agree	Agree	Strongly agree
MANDHARE SIDDHI SURESH	Excellent	Strongly agree	Strongly agree	Strongly agree
Giramkar Tanuja Santosh	Excellent	Strongly agree	Agree	Strongly agree
Dhale Nikita Vinay	Very good	Agree	Strongly agree	Strongly agree
AGARWAL RAJAT MANOJ	Excellent	Strongly agree	Strongly agree	Strongly agree
Ranaware Prajakta Ranjit	Excellent	Strongly agree	Strongly agree	Strongly agree
GADE ABHISHEK GANPAT	Excellent	Strongly agree	Strongly agree	Strongly agree
SUTAR YUVRAJ VILAS	Excellent	Strongly agree	Strongly agree	Strongly agree
Shedage pooja Rajendra	Excellent	Strongly agree	Strongly agree	Strongly agree
KAMBLE ASAWARI AJIT	Excellent	Strongly agree	Strongly agree	Strongly agree
Jadhav Shweta Subhash	Excellent	Strongly agree	Strongly agree	Strongly agree
CHAVAN SAKSHI UDAY	Excellent	Strongly agree	Strongly agree	Strongly agree
Shubhangi Sampat Narute	Excellent	Strongly agree	Strongly agree	Strongly agree
Gandhi Yash Vijaykumar	Excellent	Strongly agree	Strongly agree	Strongly agree
BHAGWAT MANASI PRASAD	Excellent	Strongly agree	Strongly agree	Strongly agree
KAMBLE SNEHAL MAHADEV	Excellent	Strongly agree	Strongly agree	Strongly agree
HEMALATA KISAN MULIK	Satisfactory	Strongly agree	Strongly agree	Strongly agree
Prajakta Umakant Khadake	Satisfactory	Strongly agree	Strongly agree	Strongly agree
Raj Mahadeo Kalokhe	Very good	Strongly agree	Strongly agree	Strongly agree
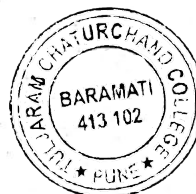
Course :Machine Learning using Python							
					Date :		
					Place:		

Feed back Analysis

Total particiapnts

Question	Excellent	Agree	Neutral	Strongly Agree	Satisfactory	Very good	Total
	28						
How did you rate the Expertise of the Instructor? [Level of skill/knowledge]	19						
Skill and responsiveness of the instructor [Instructor was an effective demonstrator]					2	7	28
Skill and responsiveness of the instructor [Presentations were clear and organized]		6	1	21			28
Skill and responsiveness of the instructor [Instructor stimulated student interest]		7	1	20			28
How did you find the content of the Training? [Learning objectives were clear]		6	1	21			28
How did you find the content of the Training? [Training content was organized and well planned]		6	2	20			28
What aspects of this training were most useful or valuable?		7	1	20			28

Legend:
- How did you rate the Expertise of the Instructor? [Level of skill/knowledge]
- Skill and responsiveness of the instructor [Instructor was an effective demonstrator]
- Skill and responsiveness of the instructor [Presentations were clear and organized]
- Skill and responsiveness of the instructor [Instructor stimulated student interest]
- How did you find the content of the Training? [Learning objectives were clear]
- How did you find the content of the Training? [Training content was organized and well planned]