



REPORT

AICTE Training & Learning (ATAL) Academy

Five days National Faculty Development Programme

On

“MACHINE LEARNING”

From 8/11/2021 to 12/11/2021

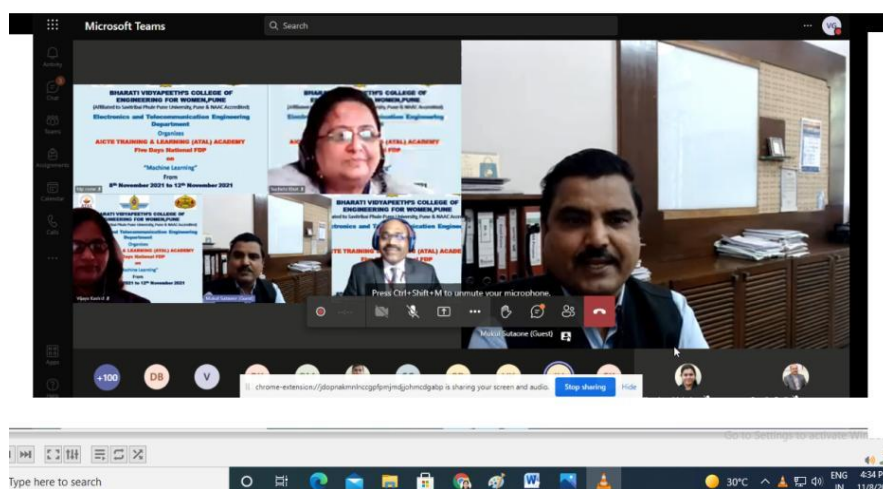
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN, PUNE-43

Report

On 8th November-2021, the FDP started with the inauguration function. Prof. S.T. Khot welcomed the chief Guest Dr. Mukul S.Sutaone, Deputy Director, COEP. The program started with SharadaStavan& online deep prajavalan. After that Prof. Dr. V.R. Pawar gave the detailing of FDP. Principal Prof.Dr. S. R. Patil vocalized his thoughts that Machine Learning has gained a rapidly expanding foothold in the workplace faster than many technologies ever. He also gave a brief introduction of BharatiVidyapeeth to Chief Guest, all resource persons & participants. The Chief guest Dr. Mukul S.Sutaone gave the keynote address on the inaugural day. He stated that, the learning is based on knowledge & experience. He also gave brief ideas about difference between Human learning & Machine learning. Cognitive learning & Self learning are the most powerful factors of human learning. With his keynote speech he encouraged the participants to take advantage of this FDP.

At the end of Inaugural function Prof. Dr. V. R. Pawar delivered the vote of thanks.

Some screenshots of the inaugural function are as below:



Day 1:

Date: 8th November, 2021

Session: 1

Topic: Machine Learning Overview

Resource Person: Dr. SachinGengaje, Professor and Head Elex Dept. WIT Solapur

Prof.Dr. S.S.Chorage ,Professor, E&TC Dept. BVCOEW, has commenced the session by welcoming the resource person and the delegates. The resource person of this session Dr.SachinGengaje started his session from the history of machine learning and gave the brief introduction of machine learning. He stated the difference between artificial intelligence machine learning and deep learning. He briefed the concept of conventional algorithm and machine

learning. He discussed about different classification techniques of machine learning. He explained very nicely clustering algorithms with example. He also shared the key research areas in machine learning. The session was ended by a formal vote of thanks by Prof. S.A.Itkarkar, Assistant Professor, E&TC Dept. BVCOEW.

Session 2:

Topic: Artificial Neural Network

Resource Person: Dr. SachinGengaje, Professor and Head Elex Dept. WIT Solapur

The resource person of this session, **Dr. SachinGengaje**, explained the fundamentals of Neural Network Architecture. He discussed about variousSupervised and Unsupervised classification Techniques .He gave the brief idea about Neuron Models and Perceptron. He explained Back propagation algorithm with example. The session was ended by a formal vote of thanks by Prof. Dr. S.A.Dhole, Assistant Professor, E&TC Dept. BVCOEW.

Session 3:

Topic: Pattern Classification Using SVM

Resource Person: Dr. MousamiV.Munot, Asso.Professor, E&TC Dept. PICT,Pune

Prof.Dr. S.L.Kore ,Asso. Professor, E&TC Dept. BVCOEW, welcomed the resource person. Then resource person started her session with basic idea of various patterns and also explained why patterns are required. She also discussed about Pattern Recognition, Machine learning and Pattern Recognition ,Support Vector Machines. She explained very nicely the goal of the SVM algorithm and advantages of it. The session was ended by a formal vote of thanks from Prof. S.M.Jagdale, Assistant Professor, E&TC Dept. BVCOEW.

Day2:

Date:9thNovember,2021

Session: 1

Topic: Yoga and Meditation

ResourcePerson:Dr. AmolPatil ,BharatiAurved Hospital, Pune

The session 1 of Day 2 of this national level FDP on Machine Learning started with YOGA and meditation .

Prof.S.A.Itkarkar Associate Professor,BVCOEW, Pune introduced the resource person for this session, **Dr. Amol Patil** to the participants. After that, **Dr. Amol Patil** started his session by emphasizing the importance of Yoga and Meditation to the participants. Further he demonstrated some of the AASANS of YOGA that are useful in day to day life. He also recited few of the prayers in Sanskrit. He stressed on the fact that

regular Yoga practice creates mental clarity and calmness , increases body awareness, relieves chronic stress patterns and relaxes the mind. The participants enjoyed this hands on session on YOGA. As per the feedback given by the participants the session was very helpful in releasing stress, feeling calm and happy. The session was ended by a formal vote of thanks from Prof. V.V.Gaikwad, Assistant Professor, E&TC Dept. BVCOEW.

Session: 2

Topic: Deep Neural Network Overview

Resource Person: Dr. Yogesh Dandwate , Professor E&TC Department VIIT, Pune.

The session 2 of Day 2 of this national level FDP on Machine Learning was conducted on the topic Deep Neural Network Overview by the resource person **Dr. Yogesh Dandwate**. Prof. Dr. V.R. Pawar, Associate Professor, BVCOEW, Pune introduced the resource person for this session to the participants. **Dr. Yogesh Dandwate** started his session by giving the introduction of Machine Learning. He discussed about the importance of Machine Learning and Artificial Intelligence. He explained briefly the optimization techniques and activation methods in Deep Learning. Further he also discussed the application of Deep Learning, Convolutional Neural Network, ConvNet architecture, Key characteristics of ConvNets in detail. The session was very informative. The session was ended by a formal vote of thanks from Prof. K.R. Chaudhari, Assistant Professor, E&TC Dept. BVCOEW.

Session: 3

Topic: Best practices in Machine Learning

Resource Person: Dr. Bhushan Garware, Data Scientist , Persistent System Ltd., Pune

The session 3 of Day 2 of this national level FDP on machine Learning was conducted on the topic Deep by the resource person **Dr. Bhushan Garware**. He explained very nicely how to formulate business problem into machine learning with simple real time example of online fraud detection. He also explained oversampling techniques, machine learning algorithms such as PCA, machine learning application development and Road map for machine learning systems. Further he explained how the machine learning is important for Industry and academia. The session was ended by a formal vote of thanks from, Prof. V.S. Karambelkar Asst. Professor, E&TC department, Pune.

Day3:

Date:10thNovember,2021

Session: 1

Topic: Yoga and Meditation

ResourcePerson:Dr. AmolPatil , Bharati Aurved Hospital, Pune

The session 1 of Day 3 of this national level FDP on machine Learning started with YOGA and Meditation .

Dr. Amol Patil started his session by emphasizing the importance of the Yoga and Meditation to the participants. Further he demonstrated some of the ASANS of YOGA i.e. Tikonasan, tadasan,veerbhadrasan,vajrasan ,Shasankasan, Mandukasan that are useful in day today life. For Diabetic paiient some Aasans are very helful.He also taught participants Pranayam ,kapalbhati and Omkarpronounsation. Further he explained stress management through Yoga. The participants enjoyed this handson session on YOGA.As per the feedback given by the participants the session was very helful in releasing stress. The session was ended by a formal vote of thanks from, Prof. Prof.S.M.BhilegoankarAsst.Professor ,E&TC department,Pune.

Session: 2

Topic: Introduction to Machine Learning

ResourcePerson:Dr.BhushanGarware, Data Scientist ,Persistent System Ltd.,Pune

The session 2 of Day 3 of this national level FDP on Machine Learning was started with the topic introduction of Machine Learning. Dr.BhushanGaware, gave excellent coverage from introduction to Machine Learning, Regression analysis and different classification techniques to the best practices in the machine Learning. He also explained about Gradient decent algorithm, Programming paradigm, residuak sum square error as well asuses of Machine Learning and different algorithms. He further explained supervised learning and Linear regression.

He conducted some hands on session on Jupyter platform.The session was ended by a formal vote of thanks from, Prof. Prof.R.M.Shamlik,Asst.Professor ,E&TC department,Pune.

Session: 3

Date:10thNovember,2021

Topic: Regression Analysis

ResourcePerson:Dr.BhushanGarware, Data Scientist ,Persistent System Ltd.,Pune

The session 3 of Day 3 of this national level FDP on Machine Learning was started with the topic Regression Analysis . Dr. BhushanGarware , explained Bias variance trade off ,regulation technique, generalized linear regression. Further

he explained ridged regression ,elastic net regression and logistic regression. The session was ended by a formal vote of thanks from, Prof. Prof.R.J.Sapkal, Asst.Professor ,E&TC department,Pune

Day4:

Date:11thNovember,2021

Session: 1

Topic: Yoga and Meditation

ResourcePerson:Dr. AmolPatil , Bharati Aurved Hospital, Pune

The session 1 of Day 4 of this national level FDP on machine Learning started with YOGA and meditation .

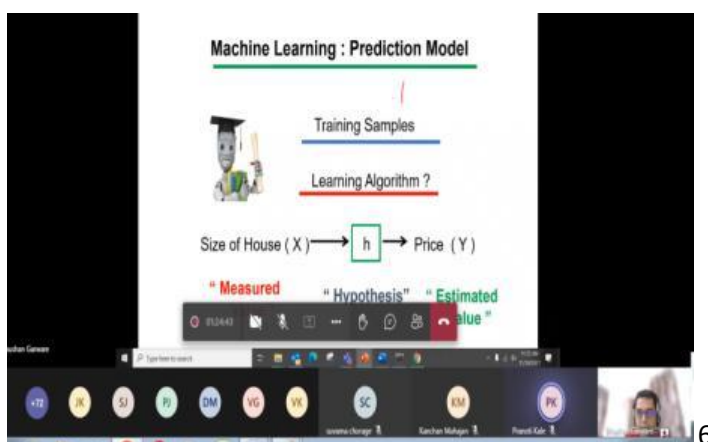
Dr. Amol Patil started his session by emphasizing the importance of the Yoga and Meditation to the participants. Further he demonstrated some of the ASANS of YOGA which are helpful for knee problem. He also taught participants Pranayam ,Kapalbhati and Omkar pronunciation. As per the feedback given by the participants the session was very helpful in releasing stress. The session was ended by a formal vote of thanks from, Prof. M.S.KasarAsst.Professor ,E&TC department,Pune.

Session: 2

Topic: Classification Techniques

ResourcePerson:Dr.BhushanGarware, Data Scientist ,Persistent System Ltd.,Pune

The session 1 of Day 4 of this national level FDP on machine Learning and meditation was on Classification techniques conducted by Dr.BhushanGarware.In this session he explained Naïve bayes classifier, Supervised learning, entropy, kernel. He further explained decision tree classifier, random forest algorithm to overcome limitations of Decision tree algorithm.He also explained support vector machine(SVM). The session was ended by a formal vote of thanks from, Prof.Pranali R. YawaleAsst.Professor ,E&TC department, Pune.



Session: 3**Topic: Deep Learning and Its Application****Resource Person: Prof. Dr. Yogesh Dandwate, Professor, E&TC Department, VJIT, Pune.**

The session 3 of Day 4 of this national level FDP on machine Learning was started with the topic Deep Learning and Its Application. Prof. Dr. Yogesh Dandwate explained working of Autoencoders in feature extraction and dimensionality reduction. Further he explained implementation of different Autoencoders for application like data compression and anomaly detection. He also taught concepts of unsupervised learning and principal component analysis (PCA). He explained case study of image denoising in chest radiography and Autoencoder for quality independent JPEG restoration. The session was ended by a formal vote of thanks from, Prof. S.S. Salunkhe Asst. Professor, E&TC department, Pune.

Day 5:**Date: 12th November, 2021****Session: 1****Topic: Yoga and Meditation****Resource Person: Dr. Amol Patil, Bharati Aurved Hospital, Pune**

The session 1 of Day 5 of this national level FDP on machine Learning started with YOGA and meditation. **Dr. Amol Patil** started his session by emphasizing the importance of the Yoga and Meditation to the participants. Further he demonstrated some of the ASANS of YOGA. He demonstrated Tadasan – which is helpful for back pain. these AASANS should be performed in slow movement for better result. Further he demonstrated katichakrasan – which is useful for constipation. He also demonstrated some aasans like Tikonasan, konasan, veerbhadrasan. He also taught participants Pranayam, kapalbhati and Omkar pronunciation. As per the feedback given by the participants the session was very helpful. The session was ended by a formal vote of thanks from, Prof. R.R. Jain Asst. Professor, E&TC department, Pune.

Session: 2**Topic: Unsupervised Learning****Resource Person: Prof. Dr. Bhushan Garware, Data Scientist, Persistent System Ltd., Pune**

The session 2 of Day 5 of this national level FDP on machine Learning started with the Topic Unsupervised Learning. Dr. Bhaushan Garware explained traditional machine learning and automated machine learning. He further explained key pillars of responsible AI. He took some hands on sessions. He also explained privacy framework and approaches. He further explained about adversarial attacks on deep learning based vision model. He elaborated about Software development and aspect of reproducible AI. He gave the details about AI machine learning optimization software. The session was ended with the questions and answers and vote of thanks from, Prof. Y.R. Dumas Asst. Professor, E&TC department, Pune.

Bharati Vidyapeeth's College of Engineering For Women ,Pune-43
Electronics & Telecommunication Department
TE Internship data (A.Y. 2021-22) 21-22

Class	Full Name	Name of the company	Duration of Internship in Months (For 6 weeks - 1.2 Months)	Type of Internship	If stipend is given then Amount in Rs.
TE I	Aachal Satish Jalwal	Technical Coding Reso	1 month	Paid	
TE II	Aakanksha Dattatray Tawale	Brainovision	6 weeks	Paid	
TE II	Aarti Siddheshwar Swami	Internship Studio	1 month	Paid	
TE II	Aditi Jaykumar Rokade	Pantech Solutions	1	Unpaid	
TE II	Adya Ajeet Pathak	DIY Intern	6 weeks	Unpaid	
TE I	Aishwarya Sunil Hatkar	1Stop	4 months	Unpaid	
TE I	Akshata dattatray chavan	BranOvision	1	Paid	
TE II	Amila Ashok Pudale	Smartknower	2 month	Paid	
TE I	Amruta Mahesh Bakare	TCR INNOVATION	2 months	Paid	
TE I	Anisha chagan Gadade	TCR INNOVATION	2 months	Paid	
TE I	Ankita Bhausaheb Beldare	Elon power	1.2 months	Unpaid	
TE II	Anushka Dayanand Sarpate	Aashay Measurements	6 weeks	Unpaid	
TE II	Arati Ramchandra Pachavadekar	Technical Coding Resea	2 months	Paid	
TE II	Ashwini Jagannath Suryawanshi	Let's grow more	1 month	Stipend	1500
TE II	Bhagyashri Sambhaji Vannale	Internshala	8 weeks	Unpaid	
TE I	Bhagyashree Tanaji Barmade	Internshala platform	2 month	Paid	
TE II	Bhargavi Mohan Wadkar	TCR Innovation	6 weeks	Paid	
TE I	Bhavana Khaire	MWell software solution	1month	Paid	
TE I	Disha Dilip Kamthe	Elon Power	5 weeks	Unpaid	--
TE I	Divyanshi Alok Mishra	Personify	2 months	Unpaid	
TE I	Diya Nitin Jituri	Dolphin Labs	1.2 Months	Paid	
TE I	Gauri Kishor Jadhao	Pantech E Learning Pvt	1.2 months	Paid	
TE I	Geetanjali Dnyanoba Gutte	Dolphin Labs	4 Weeks	Unpaid	
TE II	Isha laxman rathod	Linkcode technology	2	Unpaid	
TE I	Ishika Arun Bhigade	Sunflag iron and steel co	1	Unpaid	
TE I	Janhavi Jayesh Jadhav	TCR INNOVATION	2 Months	Paid	
TE II	Janhvi Shyam Morey	Elon private limited	6 weeks	Unpaid	
TE I	Jayashree Shivaji Ghogare	TCR Innovation	2 months	Paid	
TE I	Jayasmita Saha	Pantech Solutions	1 month	Unpaid	
TE I	Jidnyasa Madhukar Bhoge	Tcr Innovation	2 Months	Paid	
TE II	Komal Dattatray Todkari	Brain O Vision	1Month	Paid	
TE II	Madhvi Deepak Sonone	Oasis Infobytes	1 months	Unpaid	
TE II	Mitali Ankush Waghmode	TCR innovative and sma	2 months	Paid	
TE I	Mrunal Ajit Jahagirdar	Brainovision Solution pv	1.15 month	Unpaid	
TE II	Muskan Kandhway	Techchefz	6 weeks	Unpaid	
TE I	Neha Rajendra Chorghe	Brainovision solutions(l	1 month	Stipend	700
TE II	Neha Rawal	TCR Innovation	2.5 Months	Unpaid	
TE II	Niharika Someshwar Nikose	Twowalts	1 month	Unpaid	
TE II	Pooja Abhiman Gophane	Brain O Vision	1.2 months	Unpaid	
TE I	Pooja Vilas mule	Internshala training	8week	Stipend	1300
TE II	Poonam Balasaheb Prse	Elon Power	6 weeks	Unpaid	
TE I	Poonam Laxman Dolare	Bit-advance processing	2 months	Unpaid	
TE I	Pragati Rajendra Ghorpade	TCR	2 month	Stipend	850
TE II	Prajakta Bondu Sawale	Let's Grow more	1 month	Unpaid	
TE II	Prajakta Radheshyam Thakare	Elon powers	6 weeks	Unpaid	
TE II	Pranati Premod Yeole	Elon Power	1 Month	Unpaid	
TE I	Pranavi Shashikant Kushire	Two waits	1 month	Unpaid	

TE II	Pranita Dinanath Patil	Akshay Embedded Syst	1 month	Unpaid	
TE I	Pranjal Rajaram Koli	Microsoft	3 months	Unpaid	
TE II	Prachi Avthash Vishwakarma	Elon power	January 2022- Februar	Unpaid	
TE I	Radh Suryakant Kure	Brain O Vision	1Month	Unpaid	
TE I	Radhika Makarand Deshpande	Personify	3 months	Paid	
TE I	Radhika Subhash Ajabe	Twowalts technologies	1 month	Unpaid	
TE II	Rajnandini Rahul Kathare	Brain O Vision	1 Month	Paid	
TE I	Revati Satish Gajbhar	Personify	1.2 months	Paid	
TE I	Rucha Subhash Bagad	BrainOvision Solutions	5weeks	Paid	
TE II	Ruchali Vinod Khartad	Pantech Labs and soluti	1 month	Unpaid	
TE I	Rushika Kishor Dhame	Let's Grow more	1 month	Unpaid	
TE II	Rutika Nitin Pawar	Internshala	2 month	Paid	
TE II	Rutuja Rajkumar Suryawanshi	Akshay embedded syste	6 weeks	Unpaid	
TE II	Rutuja Guruling Waghmare	Elon Power	1.2 months	Unpaid	
TE II	Rutuja Vardhaman Patil	Brainovision pvt limited	1.2 months	Unpaid	
TE II	SAKSHI SHYAM RAUT	Aashay Measurements	6 weeks	Unpaid	
TE I	Saloni Anil Konge	TCR Innovations	2 months	Unpaid	
TE II	Sayali Ramesh Patil	1 Stop.ai associated with	3 months	Unpaid	
TE II	Shruti Dnyaneshwar Musmade	Dolphin lab	4 weeks	Paid	
TE II	Sharyu Avinash Vidhale	Brainovision	6 weeks	Unpaid	
TE I	Shreya Sanjay Jadhav	Technical Coding Resea	2 months	Paid	
TE II	Shruti Rajesh Sarode	Internship Studio	5 weeks	Paid	
TE II	Shrutika Bharat Pawar	Personify	4 months	Paid	
TE II	Shubhangi Vajinath Nagthane	Ashay PVT Limited, Var	6 Weeks 1.5 Months	Unpaid	
TE I	Shweta Somnath Kalgapure	Technical Coding and R	2 months	Paid	
TE I	Shweta Sudhakar Kamble	1 stop	4 months	Paid	
TE II	Singh Esha Naveen Kumar	Elon power	1 month	Unpaid	
TE II	Snehal Sachin Pawar	Elon Power	1 months	Unpaid	
TE I	Snehal Sanjay Shitole	Internshala Internship Tr	2 Months	Paid	
TE I	Sonali Pravin Dhage	Pantech Solutions	1 month	Unpaid	
TE I	Srushti Sanjay Burhade	TCR innovation	3 months	Unpaid	
TE I	Srushti Vasant Halge	Pantech Solutions	1 month	Unpaid	
TE I	Supriya pandurang pawar	Ashay measurements p	4 week . 1 month	Unpaid	
TE I	SURKUTLAWAR KANCHAN HAN	Internshala training	2 months	Paid	
TE II	Tabassum Rabban Pathan	Internshala institute	6 weeks	Paid	2000
TE I	Tanushree Shashikant Desale	1stop.ai inassociation w	3 Months	Unpaid	-
TE II	Tejas kisan takalkar	Corona control system L	6 week	Unpaid	
TE II	Vaibhavi Mahadeo Waghmode	Dolphin lab	4 week	Paid	
TE I	Vaishnavi Ajit Khulpe	Pantech	1 month	Paid	750
TE I	Vaishnavi Ramakant Biradar	TCR Innovation	2 months	Paid	
TE I	Vaishnavi vilas Harne	Intershala	6	Unpaid	
TE II	Vanshika Anil Sable	Oasis Infobyte	1. months 4 weeks	Unpaid	
TE I	Vidhi Anil Agrawal	Lets Grow More Compa	1 Months	Unpaid	

Prof. K.M. Shamalik
Internship Incharge

Prof. Dr. S.R. Patil
HOD

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Bharati Vidyapeeth College of Engineering for Women, Pune

AND

ELON Power Pvt. Limited

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 23rd day of Month October, 2021 by and between.

Bharati Vidyapeeth College of Engineering for Women, Pune, the First Party represented herein by its Principal **BVCOEW** And **ELON Power Pvt. Ltd** the Second party, and represented herein by its Director, **Mr.Nityanand Prabhu Tendulkar, ELON Power Pvt.Ltd.**

WHEREAS:

A) First Party is a Higher Educational Institution named: **BVCOEW**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) **ELON Power Pvt.Ltd.** - the Second Party is engaged in providing internship opportunities for the students under focusing creating co-curricular products for the students.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the BVCOEW, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

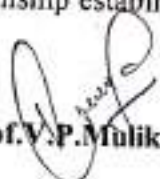
3.1 Duration of MoU is from November 1, 2021 to October 31, 2022. This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4


RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.



Prof. M.S. Kasar


Prof. V.P. Mulik

Coordinator


Mr. Nityanand Prabhu Tendulkar

Director, ELON Power Pvt.Ltd.


Prof. Dr. S.R. Patil

Principal, BVCOEW, Pune

CERTIFICATE

This is to certify that

Miss.Preeti Vishwakarma

has successfully completed the Internship Program at Elon Power,Pune from 05/01/2022 to 07/02/2022 in Battery Chargers and Power Supply for Electric Vehicles.



A handwritten signature in black ink, appearing to read "Nityanand PrabhuTendolkar", written over a horizontal line.

Nityanand PrabhuTendolkar

CEO- Elon Power

Industrial Visit

Date: 10/12/21

Bharati Vidyapeeth's College of Engineering for Women, Pune organized an industrial visit to ELON Powers Ltd. for Third Year Electronics and Telecommunication Dept. students on 8th of December 2021. The objective of the visit was to give students the practical exposure to the domain.

Established by Mr. Nityanand Prabhu Tendulkar in 2020, Elon Power is one of the leading manufacturers of Battery Chargers, Power Supply and DC to DC Converters.

The students reached the venue at 12:00 pm. Mr. Nityanand gave us a brief introduction of the company and the manufacturing processes. He then explained us the complete manufacturing process of a Switched Mode Power Supply. At first, he showed us the PCB design layout of the circuit and the actual circuit board derived from that design. Then he gave a detailed explanation of the various components mounted on the circuit, their working and finally the overall working of the power supply. He showed us the waveforms generated as well. Then we headed to the next section where all the basic electronic components like different types of resistors and capacitors, MOSFETS, Diodes, Inductors, etc., were shown fresh out of their stock.


After that we moved to their working area. Here they showed us the battery chargers and how the components are mounted on the circuit board. We also learnt about the manufacturing and working of transformers. An employee showed us how the primary and secondary wires are wrapped around, and insulated, and then the E shaped iron cores are mounted with the tiny gaps avoiding losses. Then Mr. Nityanand told us about the applications of all these devices that they manufactured. Some of them include toll gate boom barriers, electronic displays at bus and railway stations, uses in electric vehicles, etc. At the end, the students asked their queries and Mr. Nityanand happily addressed to them all.

We are very grateful to our teachers, Prof. Kasar, Prof. Mulik and Prof. Yadav for organizing this wonderful visit. We surely gained some practical knowledge and will definitely try to apply whatever we have acquired.

Thank you!

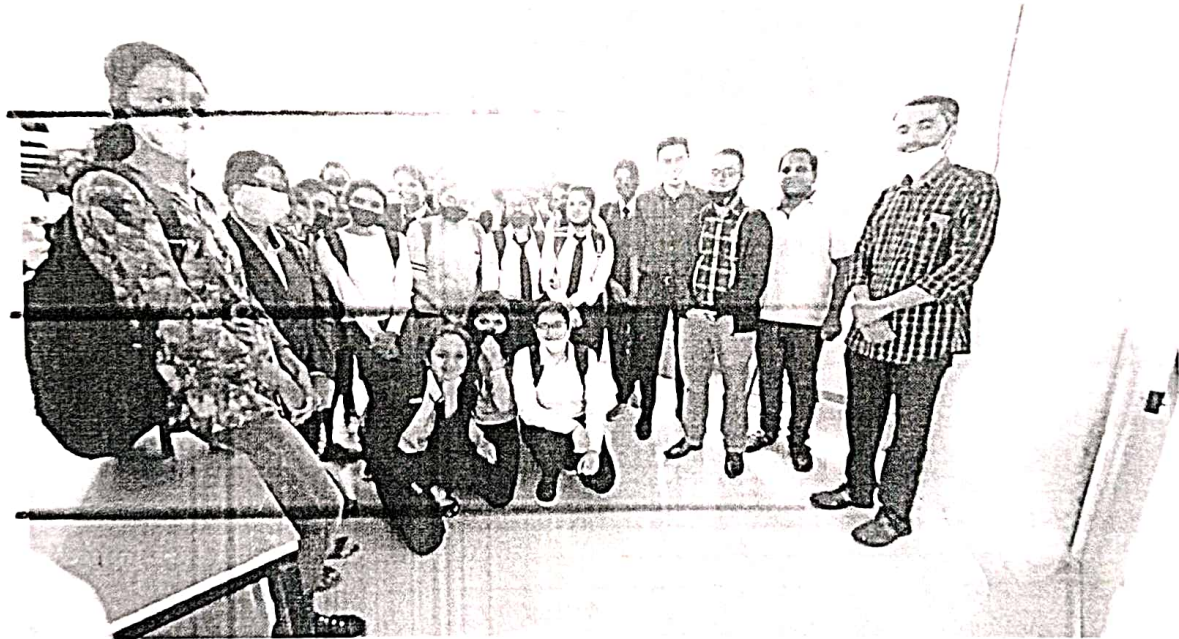


Vinod P. Malik



Prof. Dr. S.R. Patil

Head of the Department
Electronic & Tele Communication
Bharati Vidyapeeth's College of Engineering for Women
Pune - 411043





BHARATI VIDYAPEETH COLLEGE OF
ENGINEERING FOR WOMEN, PUNE



**Aashay Measurements
Private Limited**
Measurement & Instrumentation Solutions



Memorandum of Understanding

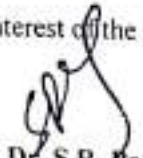
This Agreement is being executed on **1st of July 2021** between **Aashay Measurements Pvt. Ltd.** having its Registered office at #1, 'Flyview' Behind Bank Of Maharashtra Near Flyover bridge Warje, Pune - 411 052, Maharashtra - India. And represented by **Mr. Rakesh Nalawade** is hence known as "Delivery Partner" and Department of Electronics & Telecommunication Engineering, Bharati Vidyapeeth's College of Engineering for Women, Pune-43 represented by **Prof. Dr. S.R. Patil** is hence known as "Resource Partner".

1. This is an academic MOU with no commercial commitments from either side.
2. The Objective is to improve Industry-Institute interaction by promoting technical activities such as Internship, Mini and final year projects, Industrial visit etc. under the framework of delivery partner.
3. Delivery Partner will provide professional Internship program for TE E&TC and BE E&TC students based on Industry requirements and as per the demand from the Resource Partner.
5. The Duration of internship for TE student is 2 to 3 months while for BE students is 4 to 6 months.
4. Resource Partner would allocate appropriate time slots as per the academic schedule for the mentioned internship program offered by the Delivery Partner.
5. The tenure of the contract would be from **1st of July 2021 to 30th June 2022** i.e. for One Year.
6. The duration of the internship may increase as per the level of participants.
7. Delivery Partner will provide industry experienced trainers to conduct the training before internship.
8. The certificates to the enrolled participants will be issued on successful completion of the training and evaluation process by the Delivery Partner.
9. A minimum lead time of 1 month will be required to start the Internship from the date of signing of the agreement.
10. Activities conducted under this MOU will be purely as per the need, requirement and interest of the student.


Mr. Rakesh Nalawade

Aashay Measurements Pvt. Ltd

 
Prof. Vinod Mulik **Prof. Anmol Yadav**
Coordinator
BVCOEW, Pune


Prof. Dr. S.R. Patil
HOD E&TC and EC Principal
BVCOEW, Pune



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / / 20

Date :

MEMORANDUM OF UNDERSTANDING

Between



**Bharati Vidyapeeth's College of
Engineering for Women**

Pune-43



Dolphin Labs,

Pune-41

The **MEMORANDUM OF UNDERSTANDING IS ENTERED INTO ON** Tuesday, 20 July 2021 between, Bharati Vidyapeeth's College of Engineering for Women, Pune , located in Pune here after referred as BVCOEW,Pune and Dolphin Labs, Pune hereafter referred to Dolphin Labs, Pune located at Pune.

1. PREAMBLE

Collaborative efforts in industrial interaction have become the key to success in engineering Education. This has also been identified by TEQIP project. The TEQIP project encourages institutions to establish MoUs with neighboring institutions and Industries on viable collaborative/consultancy project with specific time frames and well defined outputs. The collaboration is proposed in the areas of training, joint projects of students and faculty, joint development of research projects, joint sponsored projects from funding agencies, joint faculty and staff development programs, joint consultancy projects with a sound revenue sharing model and placement of the students etc as per need and mutual understanding. Students are to be encouraged to participate in in-plant training and field work. Participation in such activities will give a good exposure on the developments taking place in different areas. Accrual of benefits to students in research is proposed, using the facilities at organizations. The institution and industry are required to establish collaboration through MoUs. The industry-institute signing this MoU has agreed to work on the philosophy mentioned in this preamble.

2. PURPOSE

The aim of this MoU is primarily to establish a written document under which both the parties may enter into a written agreement to perform collaborative programs in the areas of mutual interest.

3. AREA OF COLLABORATION

- i. Training and placement assistance to students
- ii. To work jointly on research projects , consultancy assignments, students development programs, preparing reports on case study of field work.
- iii. To attend activities organized by both institution and industry.
- iv. To start collaborative research program of mutual interest and programs for promotion of entrepreneurship.

4. AGREEMENT OF COLLABORATIVE PROGRAMS

- a. Each such collaboration undertaken by institute and industry shall describe the details about the following:
 - i. The nature, scope and the time of collaborative schedule
 - ii. The form as pursuant to clause no, 3 above
 - iii. Any other provision as deemed to be necessary & agreed by both the institute and industry
- b. To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon by both.


5. NODAL AUTHORITY

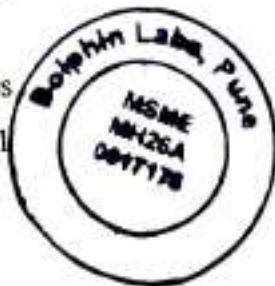
The Nodal officer from BVCOEW, Pune shall be the HOD BVCOEW, Pune or his nominee and Nodal officer from Dolphin Labs, Pune shall be the CEO or his nominee for all decisions making and concurrence

6. ACTION PLAN AND IMPLEMENTATION METHODOLOGY


Dolphin Labs, Pune and BVCOEW Pune will start working together for Training activities. The outcome of training will be supported by placement assistance and in-plant training to students of BVCOEW, Pune. This MoU shall be effective from the date of signing the same and shall remain in effect for one year with the possibility of extending the same to subsequent year(s). MoU will be reviewed after one year subject to satisfactory progress. In witness where off, the industry and institute are here to have executed this agreement on this date and the year first here in above written.

Note: This is purely academic MOU and no commercial assurance and commitment given by institution. All the activities under MOU will be conducted as per the need, requirement and interest of students.



Mr. Chittaranjan Mahajan
CEO
Dolphin Labs
Pune-411041




Witness


1. Prof. M. S. Kasar
Asst. prof, E&TC Dept.
BVCOEW, PUNE

2. _____


Prof. Dr. S.R. Patil
Principal
I/C PRINCIPAL
Bharati Vidyapeeth College of Engineering
For Women, Pune-411043
Katraj, Dhankawadi, Pune-43


1. Prof. Dr. S.R. Patil
HOD of the Department
Electrical & Telecommunication
BVCOEW, Pune-43
Pune - 411003


2. Prof. P.R. Yawle
Assistant Professor, E&TC Department
BVCOEW, Pune -43
(MOU Coordinator)



MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**Bharati Vidyapeeth's College of Engineering for Women, Pune
AND
Akshay Embedded Systems Private Limited**

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 5th day of Month September 2021 by and between

Bharati Vidyapeeth's College of Engineering for Women, Pune (herein after referred to "BVCOEW", the First Party represented herein by its Principal, BVCOEW, , And Akshay Embedded Systems Private Limited , The Second party, and represented herein by Mr. Akshay Kharche , Director, Akshay Embedded Systems Private Limited

WHEREAS:

- A) First Party is a Higher Educational Institution named: **BVCOEW ,**
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.
- D) **Akshay Embedded Systems Private Limited - the Second Party is engaged in Manufacturing of Electronics Controllers.**

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:



CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2

SCOPE OF THE MoU

- 2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.
- 2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.
- 2.4 There is no financial commitment on the part of the **BVCOEW**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.
- 2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3

VALIDITY

- 3.1 Duration of MOU is 1 st September 2021 to 31 August 2022 . This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.



CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.



Prof. K. D. Mahajan

Coordinator, BVCOEW

First Party

Akshay Embedded Systems Pvt. Ltd.


Director

Director

Mr. Akshay Kharche

Director, Akshay Embedded
Systems Pvt. Ltd.

Second Party



Prof. Dr. S. R. Paul

Principal, BVCOEW





Date: 11th February 2022.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Miss. Pranita Patil** Student of E & TC Engineering Department from Bharati Vidyapeeth's College of Engineering for Women has successfully completed her Industrial Training at Akshay Embedded Systems Pvt Ltd, Baner from period 07th January 2022 to 11th February 2022.

She has worked on the project "Components Assembly, Visual and Testing of PCB of various products".

She is hardworking & very much interested in learning new concepts.

Thanking You,

Yours truly,

Mr. Akshay D. Kharche
(Director)



Bharati Vidyapeeth's College of Engg. for Women, Pune

Department of Information Technology

Activity under MOU

A.Y. 2021-22

Report of workshop on "Web Development Using Angular JS"

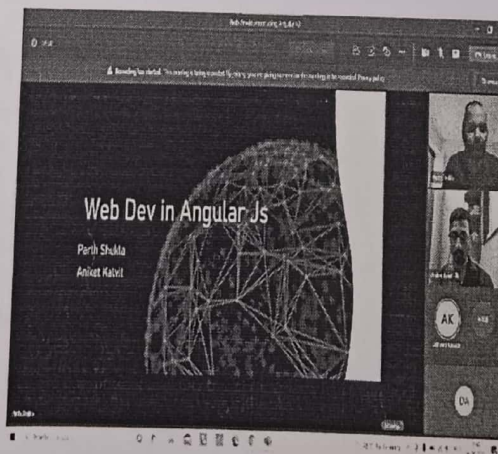
The Department of Information Technology organized a workshop on "Web Development using Angular JS" by Mr. Parth Shukla, Co-Founder, 9Ledge Pro and Mr. Aniket Kalvit, Software Engineer, 9Ledge Pro on the 24th of September, 2021, Friday from 10:00 AM to 12:00 PM and 12:30 PM to 02:30 PM through online mode using the Microsoft Teams platform for SE and TE IT students. Total of 110 students attended the webinar.

The program started with a welcome speech and the introduction of the speaker Mr. Parth Shukla and Mr. Aniket Kalvit by third year IT students Ms. Mandira Rai and Ms. Shambhavi Swami respectively. The speaker, Mr. Parth Shukla began with the importance of Web Development using Angular JS. He also told about the opportunities in the field of web development.

Then the speaker, Mr. Aniket Kalvit gave overview on html, CSS and JavaScript which are required in web development. He also taught about the components in Angular JS and working with Angular CLI.

Session was very interactive. The students have got satisfactory answers for their questions.

The conduction of this MOU activity was a grand success.



D.A.

Prof Dr. D.A. Godse
MOU Coordinator and HOD IT

HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

Bharati Vidyapeeth's College of Engg. for Women, Pune

Department of Information Technology

Activity under MOU

A.Y. 2021-22

Report of Webinar on "Application Development in Python"

The Department of Information Technology organized a workshop on "Application Development in Python" by Mr. Parth Shukla, Co-Founder, 9Ledge Pro, on the 8th of February, 2022, Tuesday from 3:00 PM to 4:30 PM through online mode using the Microsoft Teams platform for SE IT students. A total of 60 students attended the webinar.

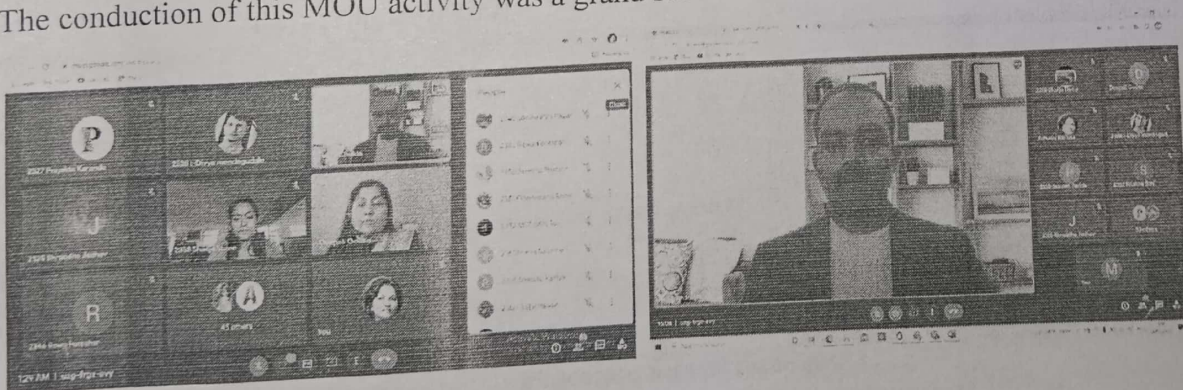
The program started with a welcome speech and the introduction of the speaker Mr. Parth Shukla by second year IT student Ms. Shailja Shree.

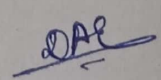
The speaker, Mr. Parth Shukla began with the importance of Web Development using Python Programming Language. He also talked about the opportunities in the field of web development.

Then he talked about how Python offers many choices for web development: Frameworks such as **Django and Pyramid** and many more. He also taught about the component fields of study in web development using Python Programming Language. Session Ends with Vote of thanks speech by Gauri Khanzode, Student of SE IT.

The session was very interactive. The students have got satisfactory answers to their questions.

The conduction of this MOU activity was a grand success.




Prof Dr. D.A. Godse
MOU Coordinator and HOD IT
HEAD OF DEPT.
Information Technology
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Pune-411 043

Bharati Vidyapeeth's College of Engg. for Women, Pune
Department of Information Technology

Activity under MOU

A.Y. 2021-22

Report of Workshop on "Application Development using Python"

The Department of Information Technology organized a 30 hrs. online workshop on "Application Development using Python" by Mr. Parth Shukla, Founder, 9Ledge Pro, on 10th Feb, 2022 to 14th Feb, 2022 and 16th Feb, 2022 from 10.00 AM to 01.00 PM and 2.00 PM to 4.00 PM through online mode using the Microsoft Teams platform for SE IT students. A total of 20 students successfully completed this workshop.

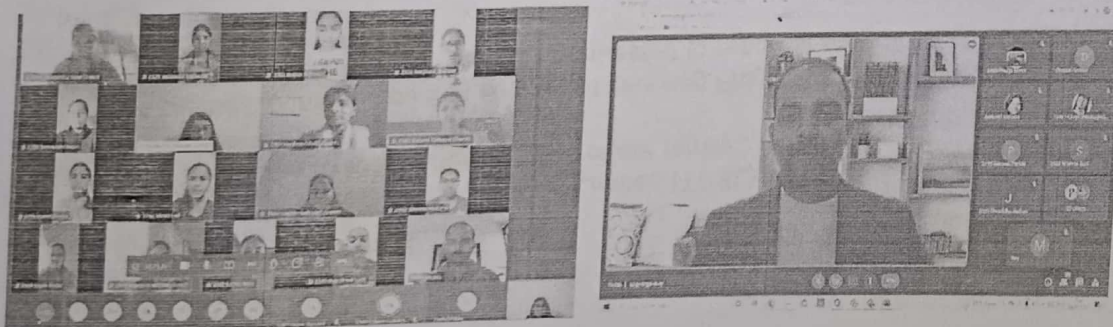
The program started with a welcome speech and the introduction of the speaker Mr. Parth Shukla by second year IT student Ms. Gauri Khanzode.

The speaker, Mr. Parth Shukla have taken this workshop in different modules. Sir started with giving basic introduction of Python. He taught python programming in detail. He also given one real time application for development to students.

Workshop Ends with Vote of thanks speech by Ghanishtha Rane, Student of SE IT.

The workshop sessions were very interactive. The students have got satisfactory answers to their questions.

The conduction of this MOU activity was a grand success.



D.A.

Prof Dr. D.A. Godse
MOU Coordinator and HOD IT
HEAD OF DEPT.
Information Technology
BVS College of
Engineering For Women
Pune-411 043



Bharati Vidyapeeth's College of Engg. for Women, Pune-43.

Department of Information Technology Engineering

Activity under MOU

A.Y. 2021-22

Report of Workshop on "Developing a chatbot Using Natural Language Processing"

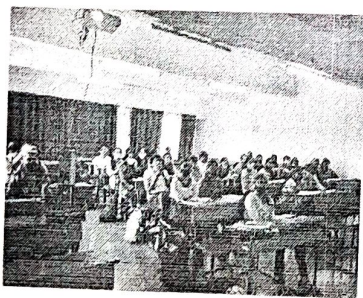
The Department of Information Technology has organized a workshop on "Developing a chatbot using Natural Language Processing" by Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune on the 21st and 22nd March, 2022 Monday to Tuesday from 10:00 AM to 02:00 PM in hybrid mode for TE IT students. Total forty-eight students attended the workshop.

The program started with a welcome speech and the introduction of the speaker by Dr. Ketaki Malgi, faculty coordinator of MOU activity. The session started with the introduction of natural language processing and its implementation. Then he introduced the students about importance and role of chatbot in various applications. He also demonstrated how to build chatbot using Dialogue flow and to establish great conversational experience for users with Big Query.

Further he described real world chatbot applications and various projects based on it created by their team. Moreover, he talked about his YouTube channel related to Artificial Intelligence.

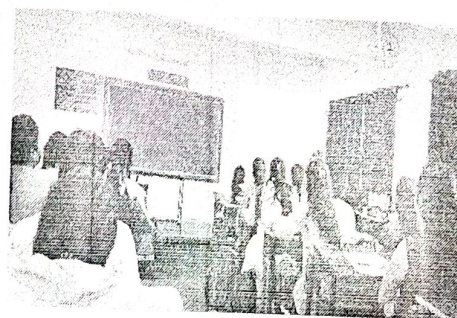
The session ended with a Vote of Thanks speech by a TE IT student Ms. Aditi Takalkar.

The session was remarkably interesting and interactive. Students got satisfactory answers to all their questions. The conduction of this MOU Activity was a remarkable success.



K. A. Malgi
Dr. K. A. Malgi

MoU Coordinator



F. Kamal
Prof. Dr. D. A. Godse

H.O.D., I.T.

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Bharati Vidyapeeth's College of Engg. for Women, Pune-43.
Department of Information Technology Engineering

Activity under MOU

A.Y. 2021-22

Report of the webinar on "Machine Learning Application in Real World"

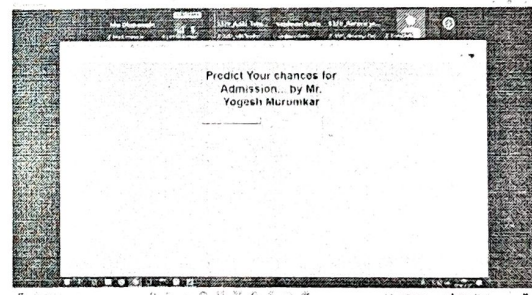
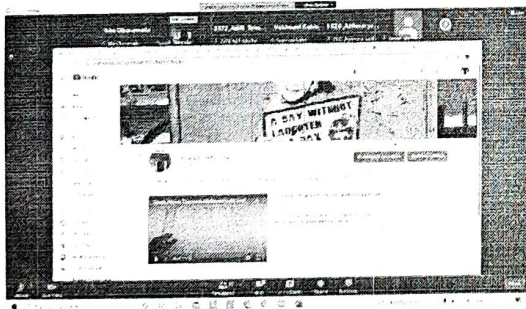
The Department of Information Technology has organized a webinar on "Machine Learning Application in Real World" by Mr. Yogesh Murumkar, Director and Corporate Trainer, Bharat Soft Solutions, Pune on the 9th December 2021, Thursday from 03.00 PM to 04.00 PM through online mode using the Zoom platform for TE and BE IT students. A total of 45 students attended the webinar.

The program started with a welcome speech and the introduction of the speaker by Ms. Vaishnavi Gahin, a third-year IT student. The session started with the introduction of Artificial Intelligence and Machine Learning. He also explained the importance of data and different types of algorithms to solve Machine Learning, Deep Learning, and Data Science problems.

Further, he described real-world ML applications and various projects based on it created by their team. Moreover, he told about his YouTube channel related to machine learning.

The session ended with a Vote of Thanks speech by a TE IT student Ms. Aditi Takalkar.

The session was very interesting and interactive. Students got satisfactory answers to all their questions. The conduction of this MOU Activity was a great success.



K.B. Naik

Dr. K.B. Naik

MOU Coordinator

F. Kamal

Prof Dr. D. A. Godse

HOD IT

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Bharati Vidyapeeth's College of Engg. for Women, Pune

Department of Information Technology

Activity under MOU

A.Y. 2022-23

Report of Webinar on "CICD with Docker and Kubernetes"

The Department of Information Technology organized a 2 hrs. webinar on "CICD with Docker and Kubernetes" by Ms. Swagatika Mahapatra, Principal Software Engineer, Veritas Software Technologies, Pune, on 19th May, 2023 2.00 PM to 4.00 PM through online mode using the Zoom Meeting platform for BE IT students. A total of 60 students attended this webinar.

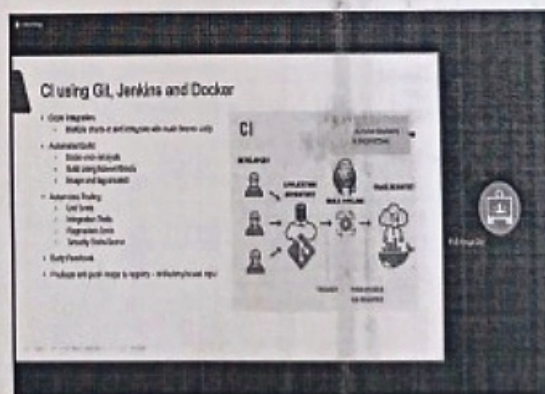
The webinar started with a welcome speech by Prof. M. A. Rane and the introduction of the speaker Ms. Swagatika Mahapatra by Mr. Ajinkya Nakave, MoU Coordinator, Veritas Software Technologies.

The speaker, Ms. Swagatika Mahapatra has taken different advanced Devops Tools Git, Jenkins and Docker and how Continuous Integration and Continuous Development process works in Industry Environment. This activity can bridge the gap of Theoretical Knowledge (BE IT Sem I Elective Subject 'Introduction to Devops') and its Practical Implementation.

Webinar Ended with Vote of thanks speech by Shraddha Lokhande, Student of BE IT.

The webinar was very interactive. The students have got satisfactory answers to their questions.

The conduction of this MOU activity was a grand success.



M.A. Rane
Prof M.A.Rane
MOU Coordinator

F. Kamal
Prof. Dr. D. A. Godse
HOD IT
HEAD OF DEPT.
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Bharati Vidyapeeth's College of Engg. for Women, Pune

Department of Information Technology

Activity under MOU

A.Y. 2021-22

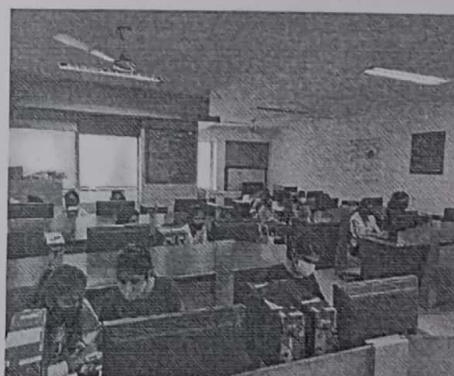
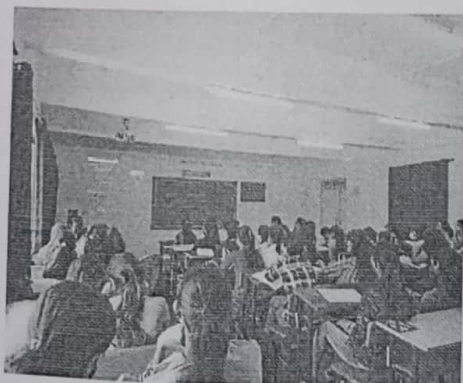
Report of Workshop on "Funnel Marketing"


The Department of Information Technology organized a workshop on "**Funnel Marketing**" by Ms. Ritika Kumari, the funnel marketing expert at Swaptechnobiz on Friday, 4th March, Monday, 7th March, 2022 from 10:00 AM to 1:00 PM and Wednesday, 16th March, 2022 from 3:00 PM to 5:00 PM. The workshop was conducted for TE IT and BE IT students through online mode using the Google Meet platform. Total of 49 students attended the workshop.

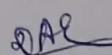
The program started with Mrs. S. B. Dhuttargi welcoming the guest and the audience. Prof. Dr. D. A. Godse, H.O.D.(I.T.) shared her views and explained the importance of such activities. Ms. Tanvi Varpe, student of BE IT introduced Ms. Ritika Kumari, the resource person for the workshop.

Ms. Ritika began the session with the importance of Funnel Marketing, she also elaborate about future career related options with funnel creation. She gave a brief description about how to create the funnel with respect to IT domain, and also practically implemented Funnel Creation. The concept of funnel creation was new for the students. The students were given the task of creating a funnel to sell software which is useful for colleges to track attendance with the face scan once a student enters the class. The students showed their creativity and created the funnels. The funnels created by Ms. Aachal Bhat and Ms. Snehal Gawali were shortlisted as the best ones. Both of them have been offered internship in Swaptechnobiz.

This activity which was conducted under the MoU with Swaptechnobiz was a grand success.




Mrs. S. B. Dhuttargi
IOU Coordinator


Prof. Dr. D. A. Godse
H.O.D. I.T.
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Department of Information Technology

MOU Activity

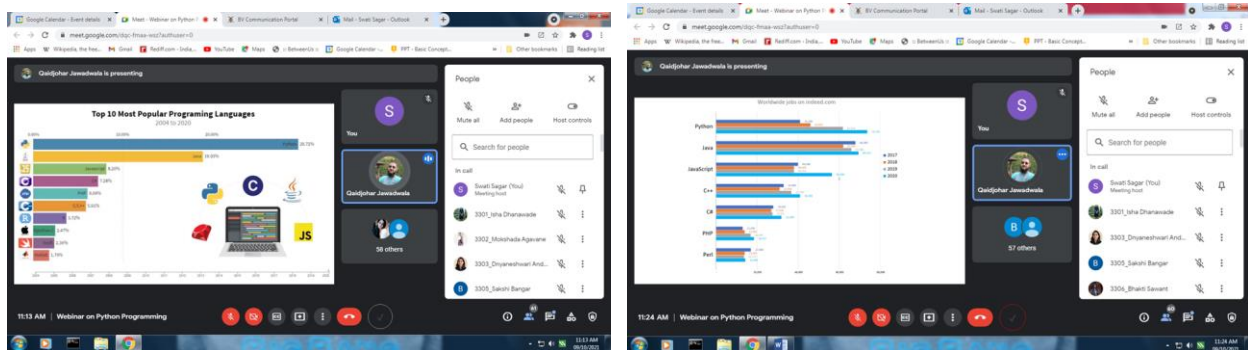
Report of Webinar on "Python Programming"

9th October 2021

A webinar on the topic “Python Programming” by the speaker Mr. Qaidjohar Jawadwala was held for the students of TE-IT on 10th October 2020.

Webinar started with the basics and importance of learning python by the speaker Mr. Qaidjohar Jawadwala. The introduction covered the basic aspects why should we learn python programming and the importance of having python as a skill in today’s growing world.

Further in the session he brought to our notice about knowing python and what important roles we can perform in MNC’s and other firms. He also shared some knowledge about other languages and made us more familiar with the programming world. He also shared his experience as a student what all basic points to remember. All over we learned so many things out of this session.



Prof. S. A. Sagar
MoU Coordinator

Prof. Dr. D. A. Godse
H.O.D. I.T

Bharati Vidyapeeth's College of Engg. for Women, Pune-43.

Department of Information Technology

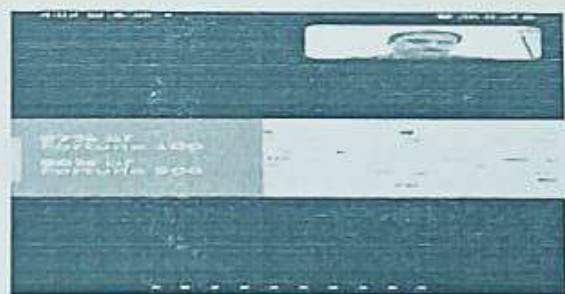
Engineer's Day Celebration

The Department of Information Technology organized a webinar on "Session on Data Protection "by Mr.Sumit Dighe, Technical Director, Veritas Technologies LLC and Mr.Deodatta Barhate, Principal Software Engineer, Veritas Technologies LLC on the 16th of September, 2021, Thursday from 3:30 pm to 4:30 pm through online mode using the Zoom platform for the TE & BE . Total 217 students and staffs attended this webinar.


Prof.A.D.Khairkar Asst. Prof. of Department of Information Technology, started the event then Prof. Dr. D. A. Godse, HOD, IT welcomed the Eminent Speaker and audience. After the welcome, Principal Prof. Dr. S. R. Patil spoke a few words and briefed the chief guest about the institute.

The speaker, Mr.Sumit Dighe then took over the charge and gave a brief introduction about Veritas and their Clients followed by Mr.Deodatta Barhate explore the Opportunities for TE and BE Students in terms of Internship and Sponsored Project. The session ended with a Vote of Thanks speech by a Coordinator of the event Prof. A.D. Khairkar, Asst. Prof., IT.

The session was very interesting and interactive. Students got answers to all their questions. The conduction of this ACM event was a great success.




Prof. A.D.Khairkar
Coordinator


Prof. Dr. D. A. Godse
HEAD OF DEPT.
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Bharati Vidyapeeth's College of Engg. for Women, Pune

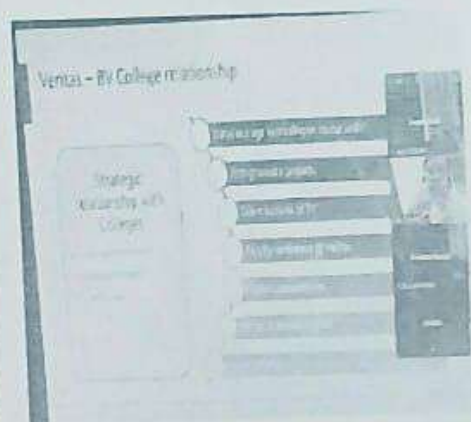
Department of Information Technology

Report of online meeting with "VERITAS"

"VERITAS" and Bharati Vidyapeeth's College of Engg. for Women was conducted 1st collaboration online meeting on 3rd Sept, 2021 at 10:30am to 11:30 am. From BVCOEW this meeting was attended by Principal Prof.Dr.S.R.Patil, Head of Information Technology department Prof.Dr.D.A.Godse and MoU Coordinator Prof.A.D.Khairkar and from VERITAS this meeting was attended by Mr. Vijay Mhaskar - VP Engineering, Mr.Sumit Dighe - Technical Director, Ms.Suchitra Herwadkar-Technical Director, Mr.Pradip Salunkhe-Manager.

Meeting is started with introduction of attendees by Prof. A.D. Khairkar. Mr.Vijay Mhaskar continued with brief introduction about veritas. Then he gave information about U-connect (University connect) program. Principal Prof.Dr.S.R.Patil had given brief overview about college and academics.

At last all had a discussion about expectations from Veritas and things to be offered as a part of U-connect program. The meeting was really very good and fruitful.



Prof.M.A.Rane
Prof.A.D.Khairkar
MoU Coordinators

M.A.Rane
ADK

F. Kamalgar
Prof Dr. D.A.Godse

HOD IT
HEAD OF DEPT.
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Bharati Vidyapeeth's College of Engg. for Women, Pune-43.

Department of Information Technology Engineering

Activity under MOU

A.Y. 2021-22

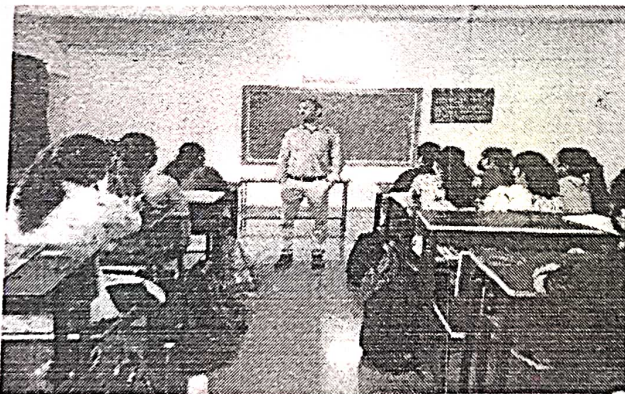
Report of Seminar on "Importance of Java Fullstack"

The Department of Information Technology organized a seminar on "Importance of Java Fullstack" by Mr. Rahul Ahire, Director, Link-Code Technologies on the 22nd March, 2022, Tuesday from 03.00 PM to 04.30 PM for SE IT students. Total 50 students attended the seminar.

The program started with a welcome speech and the introduction of the speaker by Ms. Samta Boras, SE IT student. The speaker, Mr. Rahul Ahire began with introduction to Java. Then they explained how learning Java Fullstack will be helpful for development of any project. They also explained about Web technology, mysql and angular JS.

The session ended with a Vote of Thanks speech by a SE IT student Ms. Hulwan Aditi.

The session was very interesting and interactive. Students got satisfactory answer to all their questions. The conduction of this MOU Activity was a great success.



Prof. A.V. Kanade

MOU Coordinator

Prof. Dr. D.A. Godse

HOD

HEAD OF DEPT.

Information Technology

BV'S College of

Engineering For Women

Pune-411 043

Bharati Vidyapeeth's College of Engg. for Women, Pune-43.
Department of Information Technology Engineering
Activity under MOU

A.Y. 2021-22

Report of Webinar on "Preparation for Placement in Dream Company"

The Department of Information Technology organized a webinar on "Preparation for Placement in Dream Company" by Mr. Rahul Ahire, Director, Link-Code Technologies on the 1st October, 2021, Friday from 02.00 PM to 03.00PM through online mode using the Google Meet platform for SE and TEIT students. Total 98 students attended the webinar.

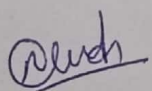
The program started with a welcome speech and the introduction of the speaker by Ms. Vaishnavi Gahin, Third Year IT student. The speaker, Mr. Rahul Ahire began by telling the importance of programming and data structure in placement preparation. He also encouraged students to participate in various coding challenges and project making competitions because this will help them to build strong resumes.

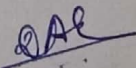
Speaker told students to make proper planning for getting placed in dream company.

The session ended with a Vote of Thanks speech by a TE IT student Ms. Mandira Rai.

The session was very interesting and interactive. Students got satisfactory answers to all their questions. The conduction of this MOU Activity was a great success.




Prof. A.V. Kanade
MOU Coordinator


Prof. Dr. D.A. Godse
HOD
HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

Bharati Vidyapeeth's College of Engg. for Women, Pune

Department of Information Technology

MoU Activity Report

"A Seminar on Arduino for Beginners"

6th April, 2022

A.Y.2021-22 Sem II

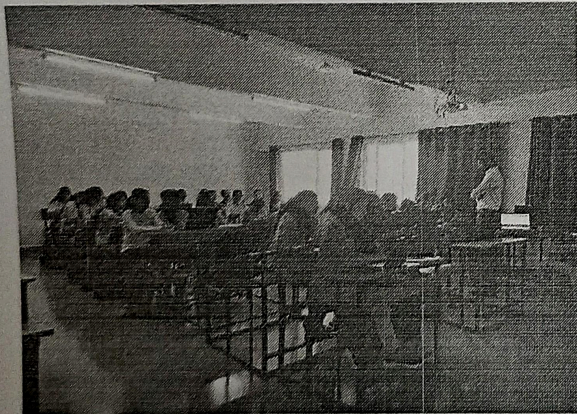
A seminar on the topic "Arduino for Beginners" by Mr Atul Wadkar was held for the students of BE-IT on 6th April, 2022 under MoU with Algorithmic Electronics.

Seminar started with the welcome speech and introduction of the speaker. Then speaker Mr. Atul Wadkar addressed the students by telling about Arduino board and its components. He explained the importance of development boards and how Arduino, being an open-source platform, is diverse from the others. He further went on and taught about the Arduino board setup and the Arduino software. The speaker also conducted a simulation of the Arduino board.

Moreover, Mr Atul Wadkar shared about Many Arduino-related project ideas through the presentation.

Seminar was very informative and students learnt a lot from it.

No. of students attended the Seminar:- 50



NAM
Prof.N.A.Mulla
MoU Coordinator

F. Kamal
Prof.Dr.D.A.Godse
H.O.D (IT)

HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043

Bharati Vidyapeeth's College Of Engg. for Women, Pune

Department of Information Technology

MOU Event

Report of Seminar on " Career and Placement Guidance "

5th April 2022, Tuesday

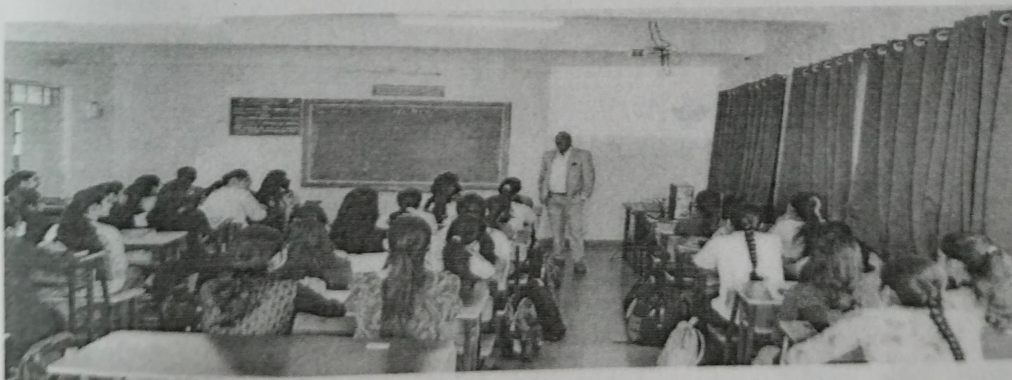
A Seminar on the topic "*Career and Placement Guidance*" by Mr A.B.Aher was held for the students of TE IT from 10.00 am to 11.00 am on 5th April 2022 .

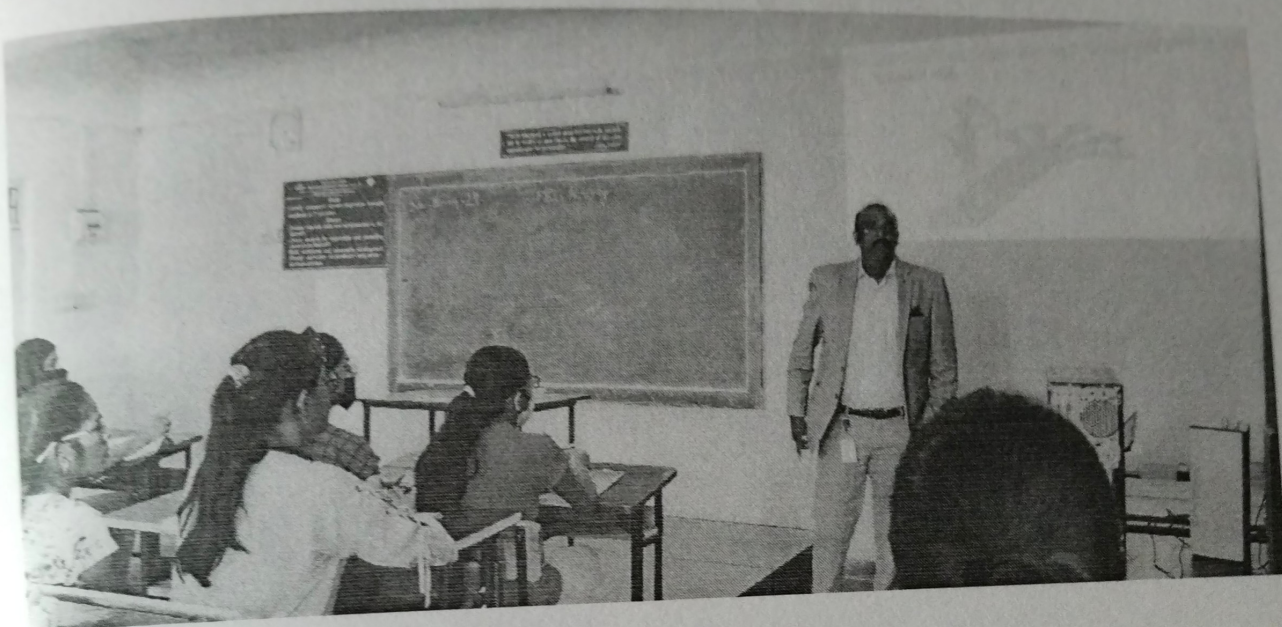
The seminar started with the welcome speech and introduction of the speaker. Seminar started at 10.00am in the morning. Mr A.B.Aher addressed students by telling how to crack an interview. He helped students to understand importance of cloud computing .He told various factors related to cloud computing and how it will help students in cracking interviews for various companies.

He also explained how to create impressive resume such that it will be not only selected by panel but also by the client side. He told student how a client is necessary factor for selecting student in a company. He suggested students to create resume according to the client preference because ultimately it will be client who is going to select candidate.

Lastly he suggested students to boost their confidence while giving interview and told about answer what panel members expects from candidate. He also suggested students to do internship and explained importance of internship in popular companies. He cleared doubts of various students in Question – Answer round.

At the end of seminar, vote of thanks was given by one of the student and the seminar ended on happy note.





SAN
S.A. Hadke
MOU Coordinator

DAG
Prof. Dr. D. A. Godse
HOD IT
HEAD OF DEPT.
Information Technology
BV'S College of
Engineering For Women
Pune-411 043



: Founder :
Dr. Patangrao Kadam
M.A., LL.B., Ph.D.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'B+' Grade by NAAC in 2018

● Id No. : PU/PN/Engg./150/2000

● DTE College Code : EN6285

: I/C Principal :
Prof.(Dr.) S. R. Patil
Ph.D. (EC & CSE) LMISTE, FIETE

Ref. No. : BV / COEW / 377 / 2020-22

Date : 10/08/2020

Memorandum of Understanding

1. This Memorandum of Understanding is being executed on 4th August 2020 between M/s ATS InfoTech Pvt.Ltd, Microsoft-AEP (Authorized Education Partner) having its registered office at L-107, Lajpat Nagar-II, NewDelhi-110024 and represented by Mr. K. G. Ratwani (Managing Director) hence for purpose of MOU known as 'Delivery Partner' and Bhartiya Vidya Peeth's COLLEGE OF ENGINEERING FOR WOMEN, PUNE- Department of Computer Engineering represented by Mr. D.D. Pukale (HOD- Computer Engineering), hence for purpose of MOU known as 'Resource Partner'.
2. Delivery Partner would be offering International Certifications to the interested students from different vendors@ academic discounted price and those students who voluntarily pay the exam fees would be getting bundled training free of cost mapped to the certifications.
3. This contract in no way creates any financial binding nor does it imply that 'resource partner' has committed to provide any fixed number of student's registrations per year for the certification exams /bundled workshops, the only commitment from their end is to provide platform to address students / seminar to educate and motivate them about the various certifications and subsequent permission for registering the students who are voluntarily interested for the same.
4. As part of the special offering all exam vouchers provided to students for certifications would have a **second attempt bundled** in case the student fails to clear the same in first attempt at a nominal cost of Rs.470/- Only.
5. Delivery Partner would bundle a 'free of charge' Online Faculty Development Program (FDP) once a year for the faculty members of the resource partner.
6. Delivery Partner would also sponsor certification vouchers for faculty members equivalent to 10% of the total students enrolled in academic year.
7. Students would be registering directly for the certification exam by making payment to M/s ATS Infotech Pvt ltd, through online mode. Students would be receiving a confirmation mail of their voucher being booked and entitlement to free training/workshop, once they register online.
8. Student would be receiving their transcript and certificates for the exam directly in their account in e-format, from the specific vendor like Microsoft /Certiport etc. post successfully clearing the exam.
9. Resource partner would allocate time slot either on weekends/holidays /regular slot for min 4-6 hrs or as per mutual consent with delivery partner for execution of training.



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M.A., LL.B., Ph.D.

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Ref. No. : BV / COEW / 377 / 2021-22

Date : 10/08/2020

10. The duration of the training may increase as per the level of participants and shall not be linked with the release of payments.
11. The tenure of the contract would be for a period of one year i.e. from 4th August 2020 to 3rd August 2021.
12. Prices of the certification are subject to yearly review and revision as per the policy of the Certification vendor and other state and govt taxes as and when applicable by the Govt of India. However, a proper communication would be provided, whenever there is impact on the same.
13. "Resource Partner" cannot hire or take services from any current full time /part time, ex- employee of the Delivery Partner either directly or indirectly for any full time or part time assignment for minimum period of one year from the date of expiry of contract.
14. "Resource Partner" must follow from time to time rules/regulation & operational protocols laid down by Microsoft/Certiport other international vendors for their respective certification.
15. In case of any dispute ,or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be settled by arbitration in accordance with the rules of arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties, however the court of jurisdiction would be New Delhi.
16. The clause is intended to be legally binding and the parties agree and acknowledge that both the terms of MOU and the discussion relating to the collaborative activity are confidential and neither party will disclose them without the prior written consent of the other party.
17. Resource Partner would issue a letter of completion upon successful completion of the certification and bundled training program.
18. Minimum batch size to run a free training/workshop bundled with Certification will be 30-35 students. However, in case the numbers are different, than the decision on the same would be as per mutual consent.
19. This is an academic MoU & all the activities under this MoU will be conducted for interested students & faculty.



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Ref. No. : BV / COEW / 377 / 2021-22

Date : 10/08/2020

For

**BVP College of Engineering Women, Pune-
Department of Computer Engineering**

For

ATS Infotech Pvt Ltd

Mr. D. D. Pukale
(HOD – Computer Engineering)
BVCOEW, Pune

Mr. Manish Singh
(Business Head)

Authorized Signatory

Authorized Signatory

Witness 1 (Resource Partner)

Prof. (Dr.) S. R. Patil
I/C Principal – BVCOEW, Pune

Witness (Delivery Partner)

Mr. Deepak Garg
RM- ATS Learning Solutions

Authorized Signatory
Authorized Signatory

Witness 2 (Resource Partner)

Mrs. J. D. Jadhav
Assistant Professor- BVCOEW, Pune

Authorized Signatory
MoU co-ordinator

Pune-Satara Road, Dhankawadi, Pune 411 043.

Phone : (020) 24371684, 24372210 (Fax) Email : coewpune@bharatividyaapeeth.edu

Website : <http://coewpune.bharatividyaapeeth.edu>

Bharati Vidyapeeth's College of Engineering for Women

Department of Computer Engineering

Computer Engineering Student Association (CESA)

Workshop on "Python programming"

Brief Report of Activity

Workshop on "Python Programming" was organized by computer engineering department, Bharati Vidyapeeth's college of Engineering for Women. The workshop was organized by Mrs. Jayashree maam and supported by Mr. D.D.Pukale HOD computer Dept. This workshop was conducted by Mr. Suresh Pal.

The aim of the workshop was to provide a training to the students on the use and benefits of Open Source Software. The following aspects of Python Programming was covered. Introduction to Python programming, Control structures, Functions & Modules, Object Oriented Programming, CRUD Operation, SQL LITE, DataBase, Making GUI from tkinter, Fundamentals of Data Structure etc. The workshop duration was from 31 st Aug 20 to 12th Sept 20.

The workshop was well attended by 20 (2 from IT, 3 from EnTC and 15 from Comp) students from different stream of engineering. The expert gave valuable practice ideas and improving the effectiveness of Python Language teaching in Online Lecture. The primary purpose of this workshop was to explore the importance of teaching python and to find the alternative solutions to the problems of python.

During this workshop the sir has provided daily recording of the sessions which helps the students to practice daily and clear their doubts. As this session was online but the coordination of sir and the students was great. During this session we made various projects, and sir helped us in prepare this project and give us many ideas to make it perfect and successful.


The workshop received an excellent feedback from the participants and they had appreciated the method of delivery, model programs and the hands-on exercise. The participants

were provided with course material another reading material in a DVD .They have provided a participation certificate to each candidate. Workshop was very useful for us and very interactive.



Prof.J.D.Jadhav

CESA Incharge



Prof.D.D.Pukale

HEAD
HOD of Comp. Dept
Computer Engg. Department
BV's College of Engineering
for Women, Pune-411043.

SURESH PAL is talking

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Home Share View

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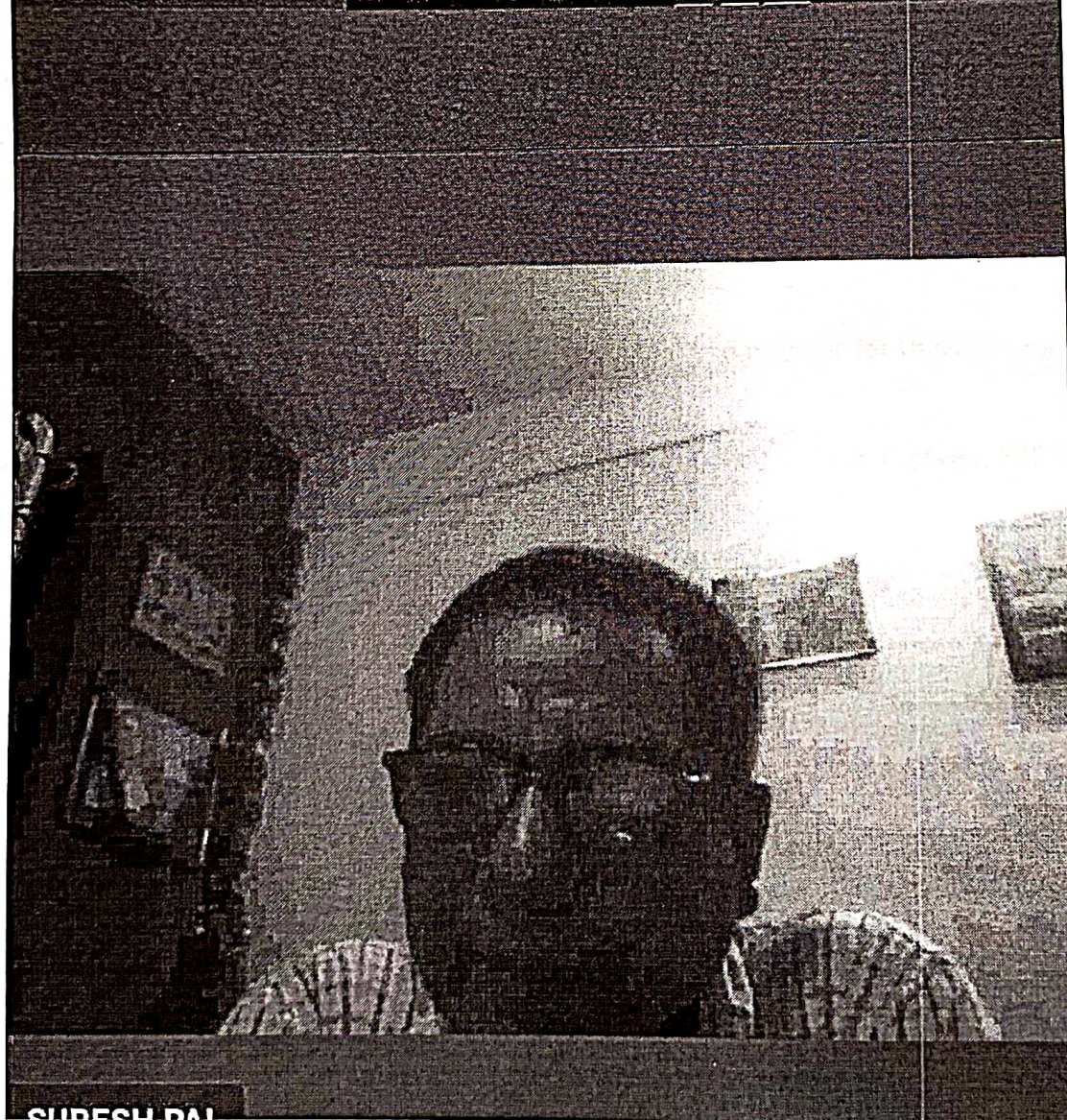
LABELED.py - PYTHON3 PROGRAMMING GUI LABELED.py (1.0)

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```
1 from tkinter import *
2 window=Tk()
3 lbl=Label(window, text="Mail Please ", fg='Green', font=("Constantia", 20))
4 lbl=Label(window, text="Name Please ", fg='Green', font=("Constantia", 20))
5 #fg -foreground color
6 lbl.place(x=100, y=100)
7 lbl.place(x=200, y=100)
8 #place will decide where label will be placed in the window
9 window.title('this is for label')
10 window.geometry("400x400")
11 window.mainloop()
12
```

Type here to search

File Edit Format Run Options Window Help



SURESH PAL



Jayashree Jadhav <jayashree.d.jadhav@gmail.com>

**BVPCOEWP | ATSLS - PYTHON PROGRAMMING BATCH FOR SE STUDENTS.
DETAILS ABOUT PROGRAM**

Deepak Garg <deepak.garg@atsinfotech.net>

Tue, Aug 11, 2020 at 6:08 PM

To: "jayashree.d.jadhav@gmail.com" <jayashree.d.jadhav@gmail.com>

Cc: Prateek Tiwari <prateek.tiwari@atsinfotech.net>, Sheetal Chaudhary <sheetal.chaudhary@atsinfotech.net>, Manish Singh <manish.singh@atsinfotech.net>, Kaifi Zaka <kaifi.zaka@atsinfotech.net>

Dear Madam,

Hope my mail finds you well.

As per our conversation on call, PFA list of students who have paid for python programming course.

As suggested by you, I have also attached course curriculum of python programming. In addition to our content I'll need Data Structure content from your end which we will integrate in our course.

Following are the benefits that students will receive who will enroll for our program:

- 1- Live training sessions with trained and qualified trainer.
- 2- Daily recorded sessions would be shared with participants for future reference.
- 3- E: Learning materials and content.
- 4- Mini-project assistance.
- 5- Mock exams on Python programming.
- 6- Assistance in final MTA Python certification exam.
- 7- Certificate of Completion(after workshop), Project completion certificate(once they make and submit project to trainer) and Microsoft certificate on MTA 98-381.

Humble request to share list of students with us and guide them to register for this training program via payment.atsls.com on or before 15th August 2020.

Students can connect with our counselors : Ms. Sheetal : 9717001901 OR Mr. Prateek: 6387221361 for any assistance related to program and payment.

As discussed, the count stands at 18 from Comps dept, 2 from IT and 7 from EXTC dept.

We will start the training post **Ganpati vacations** as decided mutually between both parties.

Kind Regards,

Deepak Garg

Regional Head- West Zone

Mob No - 9920054918

deepak.garg@atsinfotech.netwww.atsls.com

2 attachments

[python curriculum.pdf](#)

Bharati Vidyapeeth's College of Engg. For Women, Pune-43
Computer Engineering Department
Feedback of a Workshop on "Python Programming"

Timestamp	Email Address	Name of the student	Roll no	Class	Branch	1. Rate the resource person on knowledge of topic (5 being the highest)	2. Rate the information provided by the resource person (5 being the highest)	3. Were the contents interesting and understandable? (5 being the highest)	4. How useful and productive do you find the topic? (5 being the highest)	5. Is the information provided complete and sufficient? (5 being the highest)	6. Were you able to see and hear the presentation clearly?	7. What did you like best about this workshop?	8. Would you recommend this workshop to your friends.	9. Will you gladly participate in this advanced programme next time?	10. Additional comment & suggestions if any
9/17/2020 12:59:12	muskheshmukh012@gmail.com	Deshmukh Anushka	2215	Computer Engg	SE	5	5	5	5	5	Yes	Practical taken	Yes	Yes	Please send the project copy
9/17/2020 13:02:15	dhruvsharma41@gmail.com	Dhruvsharma	2222	Computer Engg	SE	4	4	4	4	4	Yes	It is too interactive and informative as well	Yes	May be	The workshop is really very good.
9/17/2020 13:02:46	ananyavarma7006@gmail.com	Ananya Suraj Verma	2251	Computer Engg	SE	5	4	4	4	3	Yes	To write codes on your own, also the explanation by sir.	Yes	Yes	It was a very helpful and good workshop
9/17/2020 13:03:09	hachibhatti18@gmail.com	AACHAL ANAND BHATT	2303	Information Technology	SE	5	5	5	5	5	Yes	While learning Python, I personally we were able to perform and ask our doubts there itself and the teacher cleared it.	Yes	Yes	No
9/17/2020 13:03:48	shradhakumar2@gmail.com	Shradha Idhate	2223	Computer Engg	SE	5	4	5	5	5	Yes	It was an interactive session and the doubts were cleared then and there itself.	Yes	May be	Good
9/17/2020 13:06:04	hujalgadkar1602@gmail.com	Kajal devidas gadkar	2218	Computer Engg	SE	4	5	5	5	5	Yes	Understanding	Yes	Yes	Overall very good experience
9/17/2020 13:06:40	ayushnaye006@gmail.com	Ayush Nadeem Sayyed	2338	Information Technology	SE	5	5	5	5	5	Yes	The trainer made sure that everyone is attending the lectures and everyone is paying attention and solving the given codes.	Yes	Yes	None
9/17/2020 13:31:00	kapjibhaktare@gmail.com	Kajal Bhaktare	2209	Computer Engg	SE	5	4	5	5	4	Yes	They made us make new codes	Yes	Yes	Session was excellent and interactive
9/17/2020 13:46:39	shrudhaneri13@gmail.com	Shrudhi nijadkar mahar	2231	Computer Engg	SE	5	4	5	4	3	Yes	Explanation of sir every topic in detail	Yes	Yes	It was really so good and helpful to clear concepts of Python Programming and it was so interesting also.
9/17/2020 16:53:00	abhinavkumar244@gmail.com	Archana Abter	2201	Computer Engg	SE	4	4	4	4	4	Yes	It gives much more information and they also teach us some advance concepts	Yes	May be	No
9/17/2020 17:28:46	umantijendran@gmail.com	Umanil Jadhav	2224	Computer Engg	SE	5	4	4	5	4	Yes	Making GUI is very interesting	Yes	Yes	No
9/17/2020 19:52:38	rupaliibharambe10@gmail.com	Rupali Nitin Bharambe	2207	Computer Engg	SE	5	4	5	5	4	Yes	I like best about the workshop is how to make multiplex	Yes	Yes	Enjoyed and learnt a lot.
9/18/2020 11:38:47	rasmitha2002@gmail.com	Ruchita Ananashob Sathic	2241	Computer Engg	SE	5	4	5	4	4	Yes	Got to learn a new language in very interesting and interactive way.	Yes	Yes	It was quite an informative workshop learnt a lot.
9/18/2020 14:42:16	divyaji@gmail.com	Divya Nitin Jhurri	21135	Electronics & Telecommunication Engg	SE	5	5	5	5	5	Yes	We could solve the concepts taught	Yes	Yes	This session was helpful for me. And it was interactive also.
9/18/2020 14:43:43	prachiwalsharvam2019@gmail.com	Prachi Manik Walsharvam	2252	Computer Engg	SE	5	5	5	5	4	Yes	Information about hacking..	Yes	Yes	Some of the recordings are inaccessible. So I would request the host to kindly share with us the recording of all the sessions so that we can refer to it in case of doubts and for exams.
9/18/2020 14:44:45	ravishree01@gmail.com	Neha Ravasi	21206	Electronics & Telecommunication Engg	SE	4	5	4	4	4	Yes	The way everybody was allowed to interact with the host to clear doubts.	Yes	Yes	It's was a fruitful workshop
9/18/2020 14:51:32	priyashwakumar28@gmail.com	Priyati Vishwakarma	21240	Electronics & Telecommunication Engg	SE	4	5	4	4	4	Yes	We were executing each program along with the mentor	Yes	May be	Enjoyed this amazing workshop.
9/18/2020 15:09:05	soumyanigam2481@gmail.com	Gauri Nitin Soumyanigam	2246	Computer Engg	SE	5	5	5	5	4	Yes	Got to know python in easy way and different applications of python. New terms were taught which were complete new for us and interesting	Yes	Yes	NA
9/18/2020 15:54:20	shreya.davghat@gmail.com	Daavghat Shreya Anil	2214	Computer Engg	SE	5	4	4	4	3	Yes	I liked some advance concepts of python programming.	Yes	Yes	Nothing
9/18/2020 16:23:03	pratyushkumar64@gmail.com	Nagabhairava Vishnu	22	Computer Engg	BE	4	4	4	5	4	Yes	Presentation	Yes	May be	

CESA Feedback Form (Workshop)

Bharati Vidyapeeth's college of engineering for women, Pune-43

Name of The Event- Workshop on "Python Programming"

Name of The Resource Person- Mr.Suresh Pal

Name of company:- ATS Infotech Pvt.Ltd.

Date:- 31/08/2020 to 12/09/2020

Time:- 3.30 to 6.00 (weekdays) and 1.00 to 5.00 (weekends)

* Required

Email address *

Your email

Roll no *

Your answer

Name of the student *

Your answer

Class *

☐ SE

☐ TE

☐ BE

Branch *

- ☐ Computer Engg
- ☐ Information Technology
- ☐ Electronics & Telecommunication Engg

1. Rate the resource person on knowledge of topic (5 being the highest) *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Rate the presentation and information provided by the resource person (5 being the highest) *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Were the contents interesting and understandable ? (5 being the highest) *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. How useful and productive do you find the topic? (5 being the highest) *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Is the information provided complete and sufficient ? (5 being the highest) *

1

☐

2

☐

3

☐

4

☐

5

☐

6. were you able to see and hear the presentations clearly? *

☐ Yes

☐ No

7. What did you like best about this workshop? *

Your answer

8. Would you recommend this workshop to your friends. *

☐ Yes

☐ No

9. Will you gladly participate in this advanced programme next time ? *

☐ Yes

☐ May be

☐ No

10. Additional comment & suggestions if any *

Your answer

Submit

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Google Forms

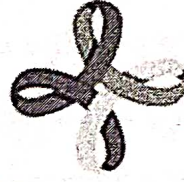
Certificate of Completion

This is to certify that

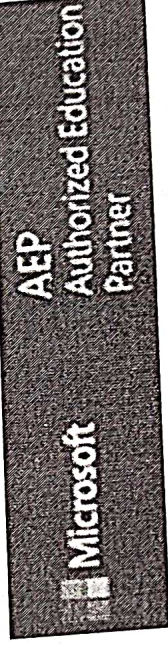
SHRUTI RAJENDRA NAHAR

Reg# B7-BVPMU-2020-8 has successfully completed the workshop on

PYTHON & ADVANCE PROGRAMMING



ATS Learning Solutions



Microsoft
Partner

MF

Date of is:

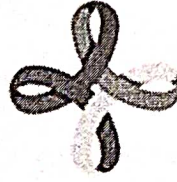
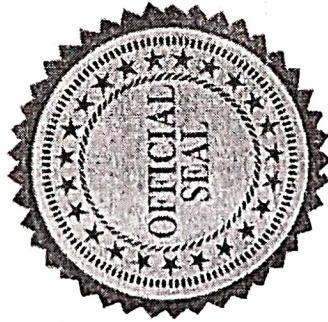
Certificate of Completion

This is to certify that

UNNATI JITENDRA JADHAV

Reg# **B7-BVPMU-2020-7** has successfully completed the workshop on

PYTHON & ADVANCE PROGRAMMING



MF
Date of iss:

ATS Learning Solutions



Microsoft
Partner