

## One Day hands-on workshop on “Machine Learning Project Development” by Obdurate Technologies Pvt. Ltd.

DEPARTMENT OF INFORMATION TECHNOLOGY  
PRMITR,AMRAVATI.

WE ARE ORGANIZING ONE DAY MACHINE LEARNING PROJECT DEVELOPMENT HANDS-ON WORKSHOP ON 12-MAR-2022 IN COLLABORATION WITH OBDURATE-ACADEMIA WHICH IS AN ACADEMIC VERTICAL OF OBDURATE TECHNOLOGIES PVT. LTD.

"LEARNING FROM DATA IS UNIVERSALLY USEFUL  
MASTER IT AND YOU WILL BE WELCOMED ANYWHERE"

### Workshop Contents

Python Basics  
Python Lib for Machine Learning  
Exploratory Data Analysis  
Machine Learning Theory  
Scikit learn  
ML Case Study  
ML Model Deployment

DATE :- 12-MAR-2022  
PLACE :- IT-LAB



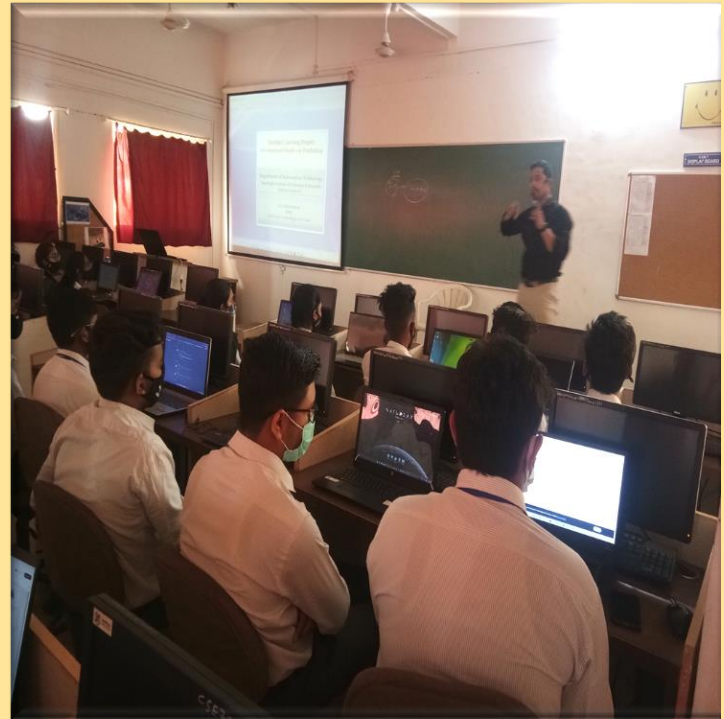
REGISTRATION



APP LINK

Batch Code :- pmlwm8ky76

OBDURATE TECHNOLOGIES PVT. LTD.



**Workshop was held on date 12<sup>th</sup> March 2022**

The Department of Information Technology, Prof. Ram Meghe Institute of Technology and Research, Badnera in collaboration with Obdurate Technologies Pvt. Ltd, Pune has organized one day hands-on Workshop on “Machine Learning Project Development” for B. E Third Year students on 12<sup>th</sup> March 2022. Mr. Rushikesh Dhande and his technical team conducted this hands-on workshop in offline mode. Total 76 students from B. E Third year participated for this workshop. Workshop was inaugurated in the presence of Dr. P. V. Ingole ,HOD Information Technology, Workshop Coordinator Dr. P. P. Deshmukh, Class teacher Prof. Shrikant Sarda and Mr. Rushikesh Dhande, Director Obdurate Technologies Pvt. Ltd., Many faculty members of IT department were present for workshop.

Workshop was totally hands-on and interactive so that students will learn and develop small project related to

machine learning Technology.

Now a days Machine learning become hottest area of development and demand. Machine learning is important because it gives enterprises a view of trends in customer behaviour and business operational patterns, as well as supports the development of new products. Many of today's leading companies, such as Facebook, Google and Uber, make machine learning a central part of their operations. Machine learning has become a significant competitive differentiator for many companies. As this was in offline mode students found more technical friendly atmosphere. The Trainer covers the following contents in workshop in two days.

1. Introduction to Machine Learning
2. Python Basics
3. Python Libraries for Machine Learning
4. Exploratory Data Analytics

5. Machine Learning Theory
6. Scikit Learn
7. Machine Learning Case studies
8. Machine Learning model deployment

At the end of the workshop students developed their own small project from given data sets. Workshop was highly appreciated and enjoyed by all students. They also asked various queries related to technology and trainer and team explained the answer.

### **Training and Placement Awareness program for Second year students**

Department of Information Technology and Department of Training and Placement, Prof. Ram Meghe Institute of Technology and Research Badnera conducted “Training and Placement awareness program” on 23<sup>rd</sup> February 2022. Program was conducted online due to Covid pandemic situation on Webex platform. All B.E Second year Students attended program virtually. Dr. Nikku Khalsa , Dean T&P , Dr. Pranjali Deshmukh , Training officer, conducted this awareness program. Dr. P. V. Ingole , HOD ,IT department, Prof. Smeet Thakur, Prof, Anup Burange Placement Coordinators, Training coordinators respectively of IT Department were present for workshop.



**Dr. Nikku Khalsa , Dean T&P conducting Training and Placement Awareness program for Second year students**

It was 3 hours' workshop in which program started with welcoming to HOD, IT, Dean T&P and all faculty members and students by Dr. Pranjali Deshmukh. She explained all training phases to be conducted from Second Year to Final Year. She explained the importance of CRT training for placement point of view.

As Placement is the ultimate goal of all students and to achieve this CRT training must start from second year and keeping this in view T&P department starts first phase of training from 4<sup>th</sup> semester. There will be basic aptitude training and soft skill training for 4<sup>th</sup> semester students.

Dr. Nikku khalsa elaborated on forthcoming placement opportunities for students and preparation needed to get placed in Eminent MNCs. He also told about last year placement ratio, companies visited in campus, AMCAT test and opportunities through it, various certificate courses, Internship opportunities and importance.

It was totally interactive session and students raised many queries related CRT training and placement scenario. T & P team explained and resolved their queries and questions satisfactorily.

### **Resume Building “Build Your Resume” Program**

Department of Information Technology and Department of Training and Placement, Prof. Ram Meghe Institute of Technology and Research Badnera conducted Seminar on “Build Your Resume” on 9<sup>th</sup> March 2022. All B.E Second year Students attended program in IT Seminar Hall. Seminar was delivered by Dr. Pranjali P. Deshmukh, Training Officer, PRMIT&R Badnera. This activity is the part of Campus Recruitment Training program.

In today's job market, the resume has become the number one requirement potential employers request. Before an employer will take valuable time to interview you, he or she wants to meet you on paper.



**Dr. Pranjali P. Deshmukh, Training Officer, PRMIT&R Badnera delivering seminar on Resume Building, “Build Your Resume”**

How you impress that employer with your resume can, and will, make all the difference. Without a resume, you can't even begin to compete, and an inferior resume will quickly eliminate you before you even have a fighting chance. That is why it is imperative to have a superior resume, one that effectively lets employers know what you can do for them. Without a favorable initial impression, a prospective employer is likely to stop considering you as a suitable candidate for the job on offer and move on to other candidates who have provided better resumes. It's more than just a document: It outlines your background, your skills, and your education so that a potential employer is quickly and easily able to see how your individual experiences can contribute to a company's success. Keeping view of this Seminar was conducted for second year students so that they will get enough time to inculcate knowledge, skill sets in terms of technical, soft skill and aptitude. They will build their resume from second year itself and make it strong up to final year.

Seminar was highly appreciated by all students and they asked many queries related with topic , Dr. Pranjali P. Deshmukh resolved their queries with satisfaction.

## Hackthon 2022

The event Hackthon 2022 was organized on 28 march 2022 at IPM, CS-IT seminar hall, PRMITR, Badner. The dean Dr. C N Deshmukh Associate Professor, PRMIT & R, Badnera was chief guest for the event and Prof. Kamlesh Waghmare, Assistant Professor, Govt. College of Engineering, AMT and Prof. Milind Waghmare, Assistant Professor, Govt. College of Engineering, AMT were the jury members for this hackathon 2022 competition. Dr. G R Gupta Assistant Professor, PRMIT & R, Badnera and Dr. P K Agrawal Assistant Professor, PRMIT & R, Badnera were the internal jury members. The students from all the departments had participated in the groups.



Project Presentation by students group

## List of Students participants from IT Department:

Sr No	Members	Leader	Title
1	Aziz Mehevi	Aziz Mehevi	Smart Dustbin
	Abhishek gulhane		
	Nayan Gaulkar		
	Yash Lanjekar		
	Maithili Kakade		
	Vishakade		
2	Sumit Mule	Sumit Mule	Intelligent Sprinklers
	Suraj Sawarkar		
	Suhas Gote		
	Vedant Dahake		
	Maithili Shrivias		
	Sakshi Dande		
3	Poonam Baderao	Poonam Baderao	Theif Detection tool with CCTV
	Tanaya Bansod		
	Vaishnavi Pataskar		
	Akanksha Wahane		
	Gayatri Wankhade		



Question Answering between participants and Jury Members

## Parent Meet

The parent meet was organized on 19<sup>th</sup> March 2022 at 11.00 am by the Department of Information Technology, PRMIT&R, Badnera with the objective of discussing parents regarding their ward's performance and trying to settle their queries & inquiries. The motive behind the meet is to discuss all measures to be taken for the overall

growth and development of the students so that they meet and cop up with the present day challenges. Parent of many students actively participated in the events with the positive approach & also offered some valuable suggestion with respect to operational issues.

The meet began with a warm welcome to the parents followed by a presentation from Head of Department, Dr. Prashant V. Ingole. The presentation cover details regarding infrastructure, academics, placements, library facilities, academic profile of faculty, results of students, intra and extracurricular activities organized within the department and training and placement activities. Sir further insisted on the responsibilities of parents along with the overall development of the students. Sir further elaborated that every faculty is dedicated to strive for the overall personality development of student so as to nurture not only professionals but also responsible citizens. Some of the parents put their views and their expectation from students and college. The parents then had a protracted discussion with the class teachers and took academic details of their wards.



**Presentation by Head of Department IT Dr. Prashant V. Ingole**

The university Topper students from B. E second, third and final year were felicitated along with their parent by HOD and all senior faculty members. Program ended with delicious refreshment for parent and all faculty members.

The event was organized by Prof. Ms. M. S. Deshmukh along with class teachers and other faculty members in department.

## **Project Competition “Magic of Logic 2022”**

On 17th May 2022, 9.00AM, the Competition was inaugurated by Dr. A P Bodkhe, Principal, PRMIT&R, Badnera, in the presence of Dr. P V Ingole, HOD IT, Dr. G R Bamnote Dean Administration, Dr. N W Ingole, Dean research & Promotion, Dr. C N Deshmukh, Dean IQAC Cell, Dr. D S Ingole, Director of Autonomy, faculties of IT Department and the students.



**Dr. A P Bodkhe, Principal, PRMIT&R, Badnera inaugurated Project Competition “Magic of Logic 2022”**

The Project Competition focused to provide the good opportunities to improve practical exposure of engineering students. This was an event where students showcased their innovative ideas in the form of projects under the guidance of experts.



**Student groups demonstrating and presenting their respective project to the team of judges**

During the project competition, the 41 groups of Third & final year student participants demonstrated and presented their respective project to the team of judges. The judges have evaluated the projects on the basis of innovative idea of projects, presentation, understanding of software and knowledge. The students of different other departments visited the project competition. At the end, the certificates were distributed to student participants.

**Know Your Department for First Yr Students (Tour of Dept. & Information)**

Department of Information Technology , Prof. Ram Meghe Institute of Technology and Research Badnera organized one day program “Know Your Department ” for First year IT students. These students are the forthcoming batch of students in IT department. Program was organized on 21<sup>st</sup> May 2022. All the IT branch students from first year department along with their class teachers visited to department. Motive to arrange such program is aware and make friendly with department so that they will get adjusted easily. Program was started with presentation of Dr. P.V. Ingole ,HOD, IT Department in IT seminar hall. In his presentation he explained about department, courses, subjects, faculty members, labs, placement and results of department, Co-curricular and extra-curricular programs conducted for the students and other facilities for the students.



**Forthcoming batch of students in IT department present for the presentation of Dr. P.V. Ingole ,HOD, IT Department in IT seminar hall**

After HOD’s presentation, it was time to show the department and labs, other facilities to students physically. Program coordinators Prof. R. P. Fuke and Prof. H. D. Kale moved the students in batches towards department and showed and explained everything. Lab in-charge explained about respective labs and practical to be conducted there.

**Guest Lecture’s**

1. Online Guest lecture by Mr. Shamsher Singh , Certified Financial planner , S V Wealth partner for all years 7<sup>th</sup> May 2022

2. Online webinar on Overseas internship with Stipend by Ministry of Education Taiwan by experts Peters Chen and Cher Ming Tan , Educare Taiwan.

3. Guest lecture by Dr. Nikku Khalsa , Dean T&P , PRMIT& R Badnera for second year student on traits for placement on 11 March 2022



**Large number of students present for guest lecture at IT seminar hall**

### **Research Publication**

1. Prof. Anup W. Burange, "Implementation of Rank, Sybil and Wormhole attacks on RPL Based Network" published in International Health Informatics Conference (IHIC 2022), LNEE Springer, Scopus Indexed, 17 to 19 May 2022
2. Prof. Anup W. Burange, "Survey on Deep Learning based Computer Vision Applications" published in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, June 2021
3. Prof. Umesh Nikam, "Performance Evaluation of Machine Learning Classifiers in Malware Detection" published in Indexed in Scopus and Clarivate Analytics ICDCCE 2, 2021-22.
4. Prof. Niketa V Kadam, "Comparative Approach to study the effect of sound frequency on plant growth with DIP" published in 3rd Annual international Conference on Innovative Engineering-Inyelligent System Integration (ICISI 2021), July 2021
5. Prof. Niketa V Kadam, "Design of an Experimental Platform to Investigate the Audible Sounds Effect on Plant Growth" published in Online multidisciplinary International Conference on "Breakthrough to Excellence", 06-08 Oct 2021

6. Prof. Maithili S. Deshmukh, "Detection and Prevention of Malicious Activities in Vulnerable Network Security Using Deep Learning" published in Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications 2022 – Springer, January 2022

7. Prof. Nikhil S. Band, "Plant Disease Detection and Classification using Machine Learning Techniques – A Survey" published in International E-Conference on Emerging Trends & Latest Research in Computer Science, 28th to 29th January 2022.

8. Prof. Pravin R. Nerkar "Securing Cloud Data Using Cryptography Approach" published in International E-Conference on Emerging Trends & Latest Research in Computer Science, 28th to 29th January 2022.

9. Prof. Preeti Dudhe, "Development of machine learning models for suspicious data in mobile forensic" published in ADALYA JOURNAL An UGC-CARE and Web of Science Journal ISSN NO: 1301-2746, 13 June 2021.

10. Dr. Pranjali P. Deshmukh, "Multi Cloud data hosting with SIC Architecture" published in International Journal for Research in Applied Science & Engineering Technology (IJRASET), March 2022

11. Prof. Radhika P. Fuke, "Pragmatic analysis of IoMT network modelling techniques from a statistical perspective" published in International Conference on Electronics and Renewable Systems (ICEARS 2022), March 2022

12. Prof. Sonika A. Chorey, "Review on security system using portable biometrics" published in International conference 2nd world congress on optimization & automation techniques in engineering. G H Raisoni university, Amravati in WCOATE-2022), March 2022

13. Prof. Sonika A. Chorey, "SECURING THE CRASH FAILURES AND ACCIDENTALLY DESTROYED OF LARGE DATA USING CHECKPOINT APPROACH" published in Twelfth International Conference on Advances in Information Technology and Mobile Communication – AIM 2022, Feb 2022