

Project Competition “Magic of Logic 2023”

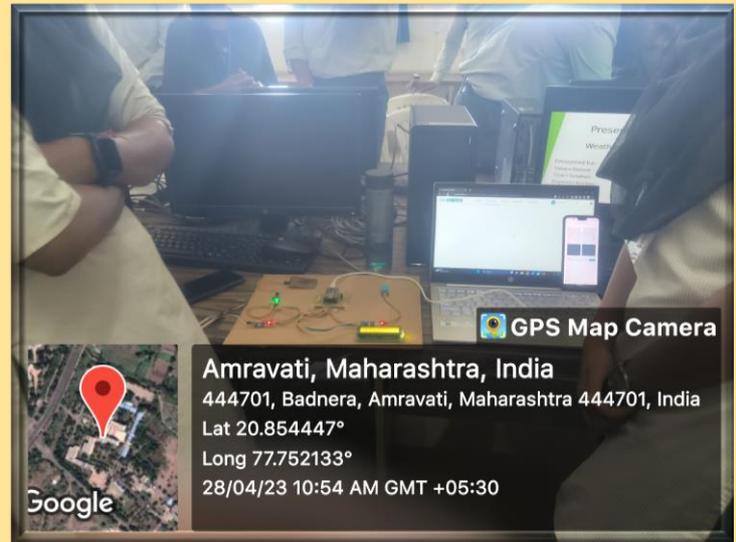


Competition was held on 28th April 2023, 9.00AM

On 28th April 2023, 9.00AM, the Competition was inaugurated by Prof.Dr. G R Bmnote, Principal, PRMIT&R, Badnera, in the presence of Dr. P V Ingole, HOD IT along with the faculties of IT Department and the students.

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.

During the project competition, the 30 groups of 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 second and third year visited the project competition.



Students demonstrating and presenting their project

“Industrial Visit 2023”



Department of Information Technology, Prof. Ram Meghe Institute of Technology & Research, Badnera has organized 9 days Industrial visit from 7th Jan to 16th Jan 2023 for Third Year and Final Students of Information Technology department. In all 125 students enrolled their names for Industrial Tour. We visited Industry “**Mother Dairy Pvt. Ltd**” (Vinod Nagar North, New Delhi, Delhi 110092) **Delhi**. The visit was organized with the prior permission and guidance from Hon. Principal Dr. G. R. Bamnote and HOD of IT Department Dr. P. V. Ingole.

The motive is to provide the students with a right blend of theoretical learning and an opportunity to witness how those concepts are utilized in the practical environment. The training and visit provides an excellent opportunity for the student to comprehend the complicity faced by the organization in various stages and the implication that decision have. Student also gets to know about the intra and inter-department linkages within the organization and understand the behavioral aspect within an organization. The larger aim of training and visit is to make the students relate to the value chain as followed by firms in the Industry. Value chain refers to processes and activities right from the sourcing of raw material to the point where the final product reaches the end customer. Overwhelming and enthusiastic response was received from the students. In all 125 students enrolled their names for Industrial Tour. Dr. P. V. Ingole, Head of the Department of Information Technology deputed 9 staff members to accompany students during the visit. The Staff deputed were Prof. H. D. Misalkar, Prof. A. A. Gulhane, Prof. S. N. Sarda, Prof. H. D. Kale, Prof. A. W. Burange, Prof. S. D. Thakur, Prof. A. G. Mahalle, Prof. Ms. S. A.

Prof. Ms. S. A. Chorey and Prof. N. V. Kadam. The Journey started on 07th Jan. 2023 form Badnera to Delhi by Train and then from Delhi to industries by Bus.

With the belief of excellence through every means to educate, an industrial tour for final year students of Department of Information Technology was organized in the second week of Jan 2023. The communication with Industries like **Mother Dairy Pvt. Ltd.** (Vinod Nagar North, New Delhi, Delhi 110092) **Delhi** was done well in advance. I would like to express my sincere gratitude towards these industries for providing us the opportunity to visit their renowned industry and warm & friendly welcome we received. Our students had a very enjoyable day and feedback received from them was positive and endorses what a great choice of venue it was.



The information provided and other facilities were right and spot on. On behalf of the institute passed sincere thanks to all their colleagues for their support in making the visit memorable.

The industrial visit was a success in every aspect from being beneficial to the student in terms of gaining knowledge to being an event of college-outing as well. Overall the response of the participants was really positive and enthusiastic. In brief the visit was very fruitful as the students were exposed to a real campus environment with the state of the art facilities

Environment Study Visit

On the occasion of Republic Day 26th January 2023, Department of Information Technology planned Environment Study Visit at Bamboo Gardens, Wadali-Amravati. So as to spread awareness amongst students about environment and different species of different plant and bio-diversity..

All the students of Third year were guided by environment teacher Prof. Swapna Chaudhary and the event was co-ordinated by the class techares of third year Prof.H.D.Kale and Prof.R.P.Fuke.



Students present at Bamboo Garden, Wadali-Amravati

Guest lecture on Abroad Education Awareness



Department of Information Technology of Prof. Ram Meghe Institute of Technology & Research, Badnera in association with Proficient Tech. Amravati conducted guest lecture on “Abroad Education Awareness” for B. E Third year students On 14th February 2023 at 3.30 PM. The expert for this guest lecture was Ms. Gauri Kale , Director Proficient Tech.Third year section A & B attended the guest lecture. Expert explained all opportunities in higher studies in overseas, preparation needed for higher studies. Many students dreams to do higher studies in renowned foreign universities but unaware of how to proceed for the same. This guest lecture definitely helps them to do the preparations,

know the renowned universities and courses. Ms. Gauri kale explained step by step procedure to go for higher studies and also solved student’s queries.

Guest lecture was highly appreciated by students and faculty members. Dr. Pranjali P. Deshmukh, Class teachers Prof. Harshal Misalkar and Prof. Abhishek Gulhane have taken efforts to motivate students and arrange this guest lecture.

Expert Lecture on “Understanding the process of Project report preparation”



Department of Information Technology arranged expert lecture on “Understanding of Project report preparation” on 1st April 2023 for all B. E. Final year students. Dr. P.V. Ingole, HOD IT department conducted the expert talk of the topic. Project report writing is the crucial part of final year project and students are unaware of the formats of project report writing. A project report provides complete information about the project to the reader, and therefore, it is a mandatory document that must be submitted to the respective department heads after the successful completion and implementation of the projects. This report is an official document that reflects precise and concrete information about the different aspects of the project ranging from the overview, requirements, practical aspects, theoretical considerations, tasks furnished, outcomes gained, objective listed, reports attached, abstracts, experiments and results, conclusions and recommendations to the implementation and scope of the project. Dr. P.V. Ingole sir explained format of project report writing in detailed which covered Abstract , Introduction, Literature survey, System analysis and design, experimental results and result discussion, conclusion , future scope and as well as how to write references. This lecture will be definitely benefitted to all

the final year students for writing a project report of their final year project as well as in future. Class teachers of both the section motivated students to attend this lecture.

Expert Lecture on “How to Finalize Research Topic”



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

Department of Information technology arranged expert lecture on “How to finalize research topic ” for B. E Third year students at 4.30 pm. Dr. P.V. Ingole HOD, IT department was the expert for this lecture. In our department Third year students finalize their final year project topic in 6th semester only. Most of the time, research project work is a difficult nut to crack for final-year students in higher education. standard courses offered. Selecting the perfect topic for your academic research paper is extremely crucial to the project’s successful implementation. Keeping this in view Dr. P.V. Ingole sir explained them how to finalize the domain of their interest and current technology for the project development. He mainly focused on to search for latest research papers from renowned journals and takes the idea from it.

He suggested the various domains in Information Technology field and also the resources for research papers searching and finalizing their research topic. This expert lecture was definitely benefitted to students to finalize their research topic for final year. All the students appreciated the lecture. Third year class teachers have taken efforts to motivate students to attend the lecture.

Research Publication

1. Prof. P.V.Dudhe,” Forensic Data Storage On Cloud For Secure Access: An Overview” published in *Hinweis Second International Conference on Advances in Software Engineering and Information Technology Hinweis Research*,16-17 June 2022
2. Prof. Umesh V. Nikam,” Efficient approach for malware detection using machine learning approach.” published in *3rd Int. Conference on Computational Intelligence 2022*, Organised by IIT Pune,29-30 Dec 2022
3. Prof. P.A.Chorey,” Secure Online Transactions Using a Blockchain-Based Checkpoint Approach”published in *Computer Integrated Manufacturing Systems*, 10 Nov 2022
4. Prof. Anup W. Burange,” Trust based secured Routing system for low powered networks” published in *Journal of Integrated Science & Technology*, 07-Oct-2022
5. Prof. Shrikant N. Sarda,” Deep Learning Method of sign language Prediction & Recognition Using N-Gram Model” published in *International Journal of Research Publication and Reviews*, 13-May 2023
6. Prof. Abhishek A. Gulhane,” “Methodology for the Implementation of Sentiments Analysis Using Contextual Mining and Supervised Learning” published in *JJTU Journal of Renewable Energy Exchange*,2022
7. Prof. Pravin R. Nerkar,” Data security issues on cloud environment .” published in *International conference on Global Revolution of Emerging Allied Technologies*, 16 & 17 Dec. 2022
8. Prof. Pravin R. Nerkar,” Data Efficient Cryptographic Approach for the Protection of Cloud- Based Storage Systems,” published in *International conference on Multidisciplinary Approach in Technology and Social Development*, 26 & 27 May 2023
9. Prof. Pravin R. Nerkar,” Security issues and protection of Big data in cloud Environment using Cryptography Approach.” published in *International conference on Data Analysis and computational Applications*, 1 & 2 July 2022
10. Prof. Shrikant N. Sarda" A Review on Various DeepLearning Methods for SignLanguagePrediction & Recognitionusing N - GramModel "published in *International Conferenceon" ContemporaryIssuesInSocialSciences & Fine Arts*, 18 & 19 June 2022

11. Prof. Shrikant N. Sarada," Histogram based Individual Computer Interaction for Image Recognition n" published in International Journal of Innovations in Engineering and Science, 9th August 2022

12. Prof. Shrikant N. Sarada," A Depth based indian sign language Recognition using Microsoft Kinect" published in Online International Conference(Multidisciplinary)onE-Education, E-Business, E- Managementand E-Learning, 27 & 28 August 2022

13. Prof. Shrikant N. Sarada," " A Review on Various Deep Learning Methods for Sign Language Prediction & Recognition using N-gram Model," published in International Conference on " Treatment and Rehabilitation of Narcotics and Social Interaction to Sportsperson, 18 & 19 Oct.2022

14. Prof. Shrikant N. Sarada," Attentive-Initiation Networks for Continuous Sign Language Recognition" published in National Conference on" National Conference onRole of Yoga, Naturopathy and Ayurveda on Subjective wellbeing and in the Management of Lifestyle diseases [On the Occasion of National Naturopathy Day] , 18 Nov .2022

15. Dr. P. V. Ingole, "Analysis of video forensics system for detection of gun, mask and anomaly using soft computing techniques" published in Journal of Cyber Security and Mobility, 7th November 2022

16. Prof. Radhika P. Fuke," Pragmatic Analysis of IoMT Network Modelling Techniques from a Statistical Perspective." published in 2022 International Conference on Electronics and Renewable Systems (ICEARS), 16 March 2022

17. Prof. Smeet D. Thakur," Identification and Prediction of Kidney Syndrome Patients using Data Mining Practice," published in International Journal of Innovations in Engineering and Science, 8/1/2022

18. Prof. Himanshu D. Kale," A Review on Quantum subroutines and methods of quantum machine learning with supervised patterns." published in International Journal of Advanced and Applied research, 10 Oct. 2022

19. Prof. Himanshu D. Kale," A Discussion on the modelling on supervised machine learning using the quantum computing mechanism." published in International Journal of Advanced and Applied research, 3 Feb. 2023

20. Prof. Himanshu D. Kale," Image insights android applications using ML kit " published International Journal of Research Publication and Reviews. 11 May 2023

21. Prof. Himanshu D. Kale," Traffic sign recognition system using CNN " published in International Journal of Research Publication and Reviews, 27 May. 2023

22. Prof. Himanshu D. Kale," A Review on Quantum subroutines and methods of quantum machine learning with supervised patterns." published in Online International Conference(Multidisciplinary)onE-Education, E-Business, E- Managementand E-Learning, 27 & 28 August 2022

23. Prof. Himanshu D. Kale," A Discussion on the modelling on supervised machine learning using the quantum computing mechanism." published in International Conference on Treatment and Rehabilitation of Narcotics and Social Interaction to Sportsperson , 18 & 19 Oct.2022

24. Prof.Niketa Kadam," Design of an experimental platform to investigate the audible sound effect on plant growth." published in Online Multidisciplinary International conference on Breakthrough to excellence, 18 & 19 Oct.2022

25. Prof.Niketa 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), 28 Nov .2022

26. Dr. A. S. Alvi," Network And Host Based Intrusion Detection Model Using Various Machine Learning And Deep Learning Algorithms." published in Journal of Data Acquisition and Processing, 2 June 2023

27. Dr. A. S. Alvi Network Intrusion Attack Detection and Prevention using Various Soft Computing and Deep Learning Technique," published in Journal of Algebraic Statistics , 8 July 2022

28. Prof. Maithili Deshmukh," Network And Host Based Intrusion Detection Model Using Various Machine Learning And Deep Learning Algorithms." published in Journal of Data Acquisition and Processing, 2 June 2023

29. Prof. Maithili Deshmukh,"Network Intrusion Attack Detection and Prevention using Various Soft Computing and Deep Learning Technique," published in Journal of Algebraic Statistics , 8 July 2022

30. Prof. Sonika Anant Chorey," Failure recovery model in big data using the checkpoint approach" published in Journal of Integrated SCIENCE & TECHNOLOGY, 17 May 2022

31. Prof. Sonika Anant Chorey," ONLINE BANKING FRAUD DETECTION USING DISTRIBUTED CHECKPOINT APPROACH" published in Journal of Jilin University (Engineering and Technology Edition), Dec 2022