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Department of Artificial Intelligence and Data Science

Monthly Report: October 2024

DEPARTMENTAL ACTIVITY:

B.E. Project Mock Examination and Project Audit:

Title of the Activity:	**B. E. Project Mock Examination and Project Audit**
Day and Date:	Saturday, 19ᵗʰ Oct. 2024
Time:	10.00 AM To 02.00 PM
Venue:	A207, A208, A209 at DYPCOEI, Varale.
Name of Reviewer	1. **Mr. Avdhut Salunke** (Associate Application Developer at Fujitsu Consulting India Pvt. Ltd, Pune), 2. **Mr. Raghavendra Borse,** (Python Full Stack Developer Better Technology Labs, Pune) 3. **Ms. Manisha Nalawade** (Technology Lead at Infosys, Pune)
Category of the Activity:	Curricular Activity
Objectives:	1. To Ensure that the project meets the required standards and specifications, both in development and documentation. 2. To Review the project's progress against the planned timeline and objectives, identifying any deviations. 3. To Verify that the project adheres to relevant guidelines, ethical standards, and institutional policies. 4. To Assess the effective use of resources, including time, tools, and team collaboration. 5. To Identify potential risks and challenges in the project, allowing for timely intervention and mitigation strategies.

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Summary Report:	• The Department of Artificial Intelligence and Data Science at DYPCOE&I, Varale, Talegaon, Pune, organized a **B.E. Project Mock Examination and Project Audit**, with participation from a **total of 17 groups**. • In this audit - The B.E. Project Mock Examination and Audit assessed 17 groups, providing valuable feedback to enhance project quality and student readiness. • Additionally, Student got open platform to present their project and presentation skill, They got guidelines and assessment of project by industry personnel. • Overall, in this Audit The B.E. Project Mock Examination and Audit evaluated students' readiness, provided constructive feedback, ensured quality and compliance, and identified improvement areas, enhancing overall project success and confidence for final assessments.
No. of Students Participated:	17 Groups from B. E. AI-DS Department
Outcome:	• The outcome highlighted strengths and areas for improvement, boosting student confidence and ensuring projects met quality standards before final assessments. • The B.E. Project Mock Examination and Audit showed effective planning, but identified gaps in execution, documentation, and team communication. • The B.E. Project Mock Examination and Audit revealed strengths in planning but highlighted areas needing improvement in execution and documentation.
CO/ PO Attained	PO1, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2, PSO3

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PHOTOGRAPHS

Honoring Our Chief Guest: A Moment of Gratitude and Celebration", HoD AI-DS, **Dr. Dipannita Mondal** Mam has felicitate to our chief guest **Mr. Avdhut Salunke.**

Honoring Our Chief Guest: A Moment of Gratitude and Celebration", HoD AI-DS, **Dr. Dipannita Mondal** Mam has felicitate to our chief guest **Mr. Raghavendra Borse.**

Honoring Our Chief Guest: A Moment of Gratitude and Celebration", HoD AI-DS, **Dr. Dipannita Mondal** Mam has felicitate to our chief guest **Ms. Manisha Nalawade.**

Students confidently presents their project to the reviewer, showcasing their hard work, creativity, and teamwork in addressing real-world challenges.

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Students enthusiastically presents their project to the reviewer, demonstrating creativity, teamwork, and dedication.

Students confidently present their project to the reviewer, showcasing their hard work, creativity, and teamwork in addressing real-world challenges.

Students presents their innovative project to the reviewer, highlighting their teamwork and creative problem-solving skills.

Students enthusiastically presents their project to the reviewer, demonstrating creativity, teamwork, and dedication.

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EXPERT SESSION

EXPERT SESSION ON "DIGITAL MARKETING & DATA MINING"

Title of the Activity:	Expert Session on "**Digital Marketing & Data Mining**"
Day and Date:	Monday, 21st Oct. 2024
Time:	11.00 AM To 01.00 PM
Venue:	Seminar Hall, DYPCOEI, Varale
Name of Speaker	Mr. Bharat Osawal
Organization of Speaker	CEO at BOOTREE
Category of the Activity:	Extra-Curricular
Objectives:	1. To Provide a foundational understanding of digital marketing strategies and data mining techniques. 2. To Demonstrate how data mining can enhance digital marketing efforts by improving targeting, customer segmentation, and predictive analytics. 3. To Create an interactive environment where participants could ask questions, share experiences, and discuss the practical challenges of integrating digital marketing with data mining.
Summary Report:	●Industrial Expert Session on "**Digital Marketing & Data Mining**" has organized by, DYPCOE&I, Varale, Talegaon, Pune. ●The session was attended by 40+ students from the Artificial Intelligence and Data Science Department. ●In this Session - Mr. Bharat Osawal has introduced the basic concept actual understanding of digital Marketing & Data Mining. How to work on thinking of business, Change the mind, and Analysing of various buying pattern. ●Additionally, Mr. Bharat Osawal explained what actual problems are around us, how to use your knowledge to find them and work for solution, and Make sure to use relevant information to find a solution and try to do digitalization.

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	●Overall, this expert session aims to provide a Work on developing basic logic so that we can find problems around us, before gaining knowledge or skills, and how discipline and patience should be inculcate.
No. of Students Participated:	40+ Students in AIDS Department
Outcome:	1. Students gained a comprehensive knowledge of **Digital Marketing & Data Mining** its concepts, technologies, and their applications, challenges and limitations. 2. Students learned about what actual problems are around us, how to use your knowledge to find them and work for solution. 3. Students are equipped with a work on developing basic logic so that we can find problems around us, before gaining knowledge or skills.
CO/ PO Attained	PO1, PO2, PO3, PO4, PO11, PO12
Name of the TNP Coordinator:	Mr. Suraj Bhoite

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PHOTOGRAPHS OF THE EXPERT SESSION

Honoring Our Chief Guest: A Moment of Gratitude and Celebration", HoD AI-DS, **Dr. Dipannita Mondal** Mam has felicitate to our chief guest **Mr. Bharat Osawal.**

Our Chief Guest **Mr. Bharat Osawal**, Introducing concept of **Digital Marketing & Data Mining.**

Our Chief Guest **Mr. Bharat Osawal**,, Introducing what actual problems are around us, how to use your knowledge to find them and work for solution.

Our Chief Guest **Mr. Bharat Osawal** interacting with students on gaining knowledge or skills, and how discipline and patience should be inculcate.

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FACULTY ACHIVEMENTS

Participation in FDP

1. Mr. Suraj Bhoite

From 7th October 2024 to 12th October 2024, Mr. Suraj Bhoite, Assistant Professor of the Department of AI&DS, successfully completed One Week Faculty Development Program on "Generative AI" organised by Department of Computer Engineering, Pimpri Chinchwad College of Engineering and Research, Ravet, Pune.
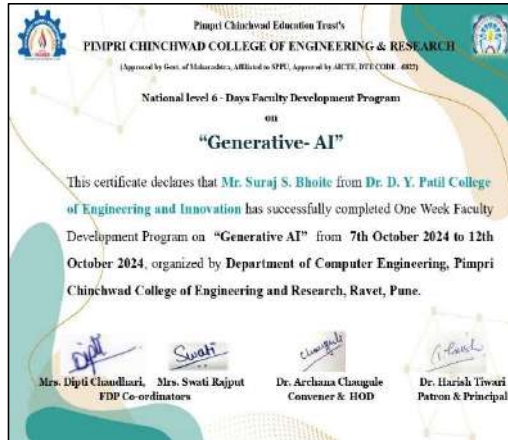
2. Mr. Swapnil More

Mr. Swapnil More participated in 5 Days International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot organized by BNM Institute of Technology Bangalore (BNMIT) – Karnataka, D.Y. Patil Agriculture and Technical University Talsande – Maharashtra, and Marwadi University Rajkot - Gujarat in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 16th Sep to 20th Sep 2024.

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Mr. Swapnil More participated in 10 Hours International Faculty Development Program on Machine Learning and Artificial Intelligence organized by Pimpri Chinchwad College of Engineering and Research, Ravet, Pune – Maharashtra, Sri Venkateswara Degree College, Kadapa - Andhra Pradesh, SJB Institute of Technology, Bangalore – Karnataka and Sri Indu PG College, Hyderabad – Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. Date: 12th Aug to 19th Aug 2024

PAPER PUBLICATIONS

- **Dr. Dipannita Mondal**

1. Dr. Dipannita Mondal, Head of departement and Ishawar Sambhale, Atharv Mahajan and Shreyali Khobragade, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Breast Cancer Detection System usingMachine Learning**" in International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

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- **Ms. Deepali Narwade**

1. **Ms. Deepali Narwade**, Assistant Professor and Kanhere Aditya Ambadas, Mulla Sahil Iqbal, Sanap Atish Balu and Patil Abhay Yuvraj, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**LLM for Retail Business (Optimising Clothing Sales) using Artificial Intelligence**" in International Journal of Scientific Research in Science, Engineering and Technology, Volume 11, issue 5, September-October2024.

2. **Ms. Deepali Narwade**, Assistant Professor and Pawale Omkar Rajaram, More Mayur Madhavrao and Jagnade Sachita Rohidas, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Dynamic Signature Forgery Detection using CNN and PCA**" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 10, October2024.

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3. **Ms. Deepali Narwade**, Assistant Professor from Department of Artificial Intelligence and Data Science published paper entitled "**Leveraging Artificial Intelligence with Power BI for Enhanced Business Intelligence**" in International Journal of Innovative Research in Computer and Communication Engineering, Volume 12, Issue 10, October 2024.

- **Mr. Suraj Bhoite**

4. Mr. Suraj Bhoite, Assistant Professor and Kothavale Jayesh Mahendra, Pachore Vinay Subhash, Patil Aditya Sandip and Jadhav Avdhut Jaysing, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**AI Driven Job Matching system and User Indentification**" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 10, October 2024.

5. Mr. Suraj Bhoite, Assistant Professor and Gore Akanksha Sanjay, Gophan Prasad Sunil, Totare Ganesh Dilip and Ithape Niranjan Rangnath, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Travel buddy Application using Machine Learning**" in International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

6. Mr. Suraj Bhoite, Assistant Professor and Rooturaj Kalaskar, Aakansha kadam, Shreya Bhange and Mohini Dhanure, Final Year students from Department of

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Artificial Intelligence and Data Science published paper entitled "**A Blockchain-Powered Voting System for Enhanced Accuracy, Security, and Voter Confidence**" in International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

- **Mrs. Asmeeta Mali**

7. Mrs. Asmeeta Mali, Assistant Professor and Sase Vedant Dilip, Patil Prasad Prakash, Gangurde Sunny Nivruti and Chaudhari Somesh Shesharao, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Smart-Agri Advisor: Data-Driven Crop Recommendations for Enhanced Productivity and Sustainability**" in International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

8. Mrs. Asmeeta Mali, Assistant Professor and Dalvi Sakshi Milind, Mahajan Himanshu Nehru, Ranvita Ravindra Mathapati and Sonsale Manish Suresh, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Computer-Based Cognitive Rehabilitation Systems for Home-Based Training in Pediatric Populations with Developmental Disabilities**" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 10, October 2024.

9. Mrs. Asmeeta Mali, Assistant Professor and Sannolli Rucha Sidram, Kakade Anuja Pradip, Nagarashi Sejal Vaibhav and Parth Deepak Palande, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**From Data To Detection: Utilizing Machine Learning And CNN In Oral Cancer**" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 10, October 2024.

- **Mrs. Ifrah Sutar**

10. Mrs. Ifrah Sutar, Assistant Professor and GADADE AKSHAY DATTATRAYA, DEOKAR ABHAY DEVENDRA and DAREKAR RISHIKESH RAVASAHEB, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Blood Management System using Mern Stack**" in

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International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

11. Mrs. Ifrah Sutar, Assistant Professor and MERGAL JAYSHREE SOPAN, DHUMAL GAYATRI RAMESHWAR, KHOMANE ADITYA NAVNATH, ADITYA K. and PANDIT TRIVENI SURESH, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**AutoPod studio with enhanced AI Guide**" in International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 10, October 2024.

- **Mrs. Sneha Bankar**

12. Mrs. Sneha Bankar, Assistant Professor and WADITKE RUCHITA NILUJI, SHEWALE PRIYANKA SUNIL, DHUMANE SANIYA VIJAY and MOJAD ADITYA DILIP, Final Year students from Department of Artificial Intelligence and Data Science published paper entitled "**Reducing Food Waste in Restaurant throgh Demand Forecating**" in International Journal of Scientific Research in Engineering & Management, Volume 08, Issue 10, October 2024.

13. Mrs. Sneha Bankar, Assistant Professor and MORE PANDURANG BALAJI, NAVSUPE OMKAR RAVINDRA, KADAM SIDDHESHWAR PRAMOD and SUTAR SHUBHAM from Department of Artificial Intelligence and Data Science published paper entitled "**Leveraging Artificial Intelligence with Power BI for Enhanced Business Intelligence**" in International Journal of Advanced Research in Computer and Communication Engineering, Volume 13, Issue 09, September 2024.

- **Mrs. Mayuri Fegade**

14. Mrs. Mayuri Fegade, Assistant Professor and BANDPATTE PRATIK DEEPAK, MEDAR NEHA RAJU, DEVESH NARENDRA MAHAJAN and VISHAL AJAY WAGH, final year students from Department of Artificial Intelligence and Data Science published paper entitled ."**AI-Driven Mental Health Companion**" in International Journal of Advanced Research in Computer and Communication Engineering, Volume 13, Issue 09, September 2024.

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INAUGURATION OF SOCIETY FOR DATA SCIENCE (S4DS) STUDENT CHAPTER
INAUGURATION OF S4DS

Title of the Activity:	**Inauguration of Society for Data Science(S4DS) Student Chapter**
Day and Date:	**Saturday, 19th October 2024**
Time:	11.00 am to 12.30 pm
Venue:	Seminar Hall (A106)
Name of Speaker	Mr. Raghuvendra Borse ,Mr. Avdhut Salunke, Ms. Manisha Nalawade
Organization of Speaker	Better Technology Labs, Pune Fujitsu Consulting India Pvt. Ltd, Pune; Infosys , Pune
Category of the Activity:	Inauguration.
Objectives:	• To create a platform for professional bodies to promote innovation around Data Science • To Improve the practice of Data Science through collaboration and innovation.

Summary Report:	• Inauguration of Society for Data Science Student Chapter has organized by, DYPCOE&I, Varale, Talegaon, Pune under S4DS Student Chapter.
	• The inauguration was attended by 60 students from the Artificial Intelligence and Data Science Department.
	• In this Expert Session –
	  • Overview of S4DS Student Chapter
	  • Improve the practice of Data Science
	  • Advantages of Student Chapter
	  • Introduction to Data Science
	• Session was Interactive and Students have enjoyed session delivered by both resource person.

No. of Students Participated:	60 Students from SE,TE & BE AI-DS

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Outcome:	The importance of data science student chapter 1. Enhancing data science skills. 2. Fostering industry-academia collaboration. 3. Encouraging ethical AI practices, while providing a platform for networking and innovation within the data science community.
CO/ PO Attained	PO1, PO2, PO3, PO4, PO5,PO12
Name of the faculty Coordinator:	Mr. Suraj Bhoite & Mrs. Asmeeta Mali

FLYERS

Flyers of S4DS Student Chapter

Dr. D. Y. Patil	Dr. Sushant Patil	Dr. Suresh Mali
Founder, Dr. D. Y. Patil Group	President, DYPEF	Principal, DYPCOEI

PHOTOGRAPHS

HoD Dr. Dipannita Mondal with experts and faculties.

Expert Speaker addressing audience

Students Attending S4DS Inaguration

Expert Session on Data Science Career Path

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Founder, Dr. D. Y. Patil Group	**President, DYPEF**	**Principal, DYPCOEI**

Faculties and Students attended Expert Session
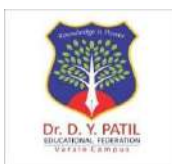

Experts ,Faculty & Committee Members

COURSE ENRICHMENT ACTIVITY

Course Enrichment Activity Report

Title of the Activity:	**Session on Business Communication Skills**
Day and Date:	Thursday, 3rd October 2024
Time:	11.30 am to 01.30 pm
Venue:	Classroom 208
Name of Speaker	Mr. Ramrao Ghuge
Organization of Speaker	Assistant Professor, Navsahyadri College of Engineering, Pune.
Category of the Activity:	Curricular

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Objectives:	1. To make the engineering students aware, about the importance, the role and the content of business communication skills. 2. To develop the ability of effective communication through individual and group activities.
Summary Report:	1. Session on "Business Communications Skills" has organized by, Dept. of AI&DS, DYPCOE&I, Varale, Talegaon, Pune. 2. The session was attended by 61 students from the Department of Artificial Intelligence and Data Science. 3. In this Session covered – • Basic Public Speaking and its types. • Group discussion • Resume writing • Presentation Skill • Mock interviews 4. Session was Interactive and Students have enjoyed session delivered by Mr. Ramrao Ghuge.
No. of Students Participated:	61 Students from Department of AI&DS
Outcome:	1. Students learned to communicate clearly and precisely, both in writing and speaking. They also learned to understand complex ideas and express them accurately. 2. Students learned how to develop and deliver effective presentations. 3. Students learned how to prepare for group discussion and mock interview. 4. Students learned how to write resume with essentials.
CO/ PO Attained	CO1, CO2, CO3
Name of the faculty Coordinator:	Ms. Deepali Narwade & Mrs. Asmeeta Mali

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Flyer of CEA

Flyer of Expert Session of Mr. Ramrao Ghuge

Welcome of the expert Mr. Ramrao Ghuge by HoD Dr. Dipannita Mondal.

Session on Business Communication Skills by Mr. Ramrao Ghuge.

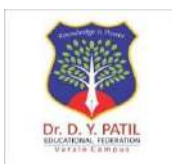| Dr. D. Y. Patil	Dr. Sushant Patil	Dr. Suresh Mali
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Students participated in Group Discussion with expert Mr. Ramrao sir.

Title of the Activity:	Session on Artificial Intelligence
Day and Date:	Monday, 21 October 2024
Time:	10.30 am to 01.30 pm
Venue:	Classroom 207
Name of Speaker	Mrs. Pranjali S. Bahalkar
Organization of Speaker	Assistant Professor, Dept. of AI&DS, Dr. D Y Patil Institute of Technology, Pimpri, Pune.
Category of the Activity:	Curricular
Objectives:	3. To understand the concept of Artificial Intelligence (AI) in the form of various Intellectual Tasks. 4. To develop a mind to solve real world problems uncinventionally with optimality.
Summary Report:	1. Session on "Artificial Intelligence" has organized by, Dept. of AI&DS, DYPCOE&I, Varale, Talegaon, Pune. 2. The session was attended by 55 students from the Department of Artificial Intelligence and Data Science.

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	3. In this Session covered – • Game Theory • Heuristic Alpha-Beta Tree search • Monte Carlo Tree search • Stochastic Games • Partially Observable Games • Constraint Satisfaction Problems(CSP) • Constraint Propogation: Interface in CSPs • Backtracking 4. Session was Interactive and Students have enjoyed session delivered by Mrs Pranjali Bahalkar.
No. of Students Participated:	55 Students from Department of AI&DS
Outcome:	5. Students got complete overview of game theory as a mathematical framework used for analysing strategic interactions among rational decision-makers. 6. Students understands Heuristic Alpha-Beta Tree Search, Monte Carlo Tree Search, Constrain Satisfaction Problems (CSPs) with limitations. 7. Students learned how to solve problems on different adversarial search and games.
CO/ PO Attained	CO3, CO4
Name of the faculty Coordinator:	Ms. Deepali Narwade & Mrs. Asmeeta Mali

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Felicitation of the expert speaker Mrs. Pranjali Bahalkar by HoD

Dr. Dipannita Mondal and faculty coordinator Ms. Deepali Narwade

Students interacting with expert Mrs. Pranjali Bahalkar

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Title of the Activity:	Session on "Web Services & Server Side Scripting Languages In Java"
Day and Date:	Saturday, 05st Oct 2024
Time:	02.30 pm to 05.30 pm
Venue:	A-207
Name of Speaker	Mr. Kalpesh Chaudari
Organization of Speaker	Software Engineering Congnizant, Pune.
Category of the Activity:	Co- Curricular
Objectives:	4. To understand the web services and frameworks. 5. To use the server side technologies in web development.

Summary Report:	• Session on "Web services & server side scripting languages in java" has organized by, DYPCOE&I, Varale, Talegaon, Pune.
	• The session was attended by students from the TE Artificial Intelligence and Data Science Department.
	• In this Session covered –
	  o Server side scripting languages
	  o PHP in Detail & ASP.NET, Node.js Overview
	• Session was Interactive and Students have enjoyed session delivered by Mr. Kalpesh Chaudari.

No. of Students Participated:	46 Students from TE AI-DS Department
Outcome:	4. Create the effective web application for business functionalities using latest web developments platforms. 5. Apply the sever side technologies for web development.

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Dr. D. Y. PATIL COLLEGE OF ENGINEERING & INNOVATION
Survey No. 27/A/1/2C, Varale Campus, Near Talegaon Railway Station,
Tal. Maval, Dist. Pune 410 507, Ph: 020 48522561, 565,566
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Dr. D. Y. Patil	Dr. Sushant Patil	Dr. Suresh Mali
Founder, Dr. D. Y. Patil Group	President, DYPEF	Principal, DYPCOEI

CO/ PO Attained	PO1, PO2, PO3,PO5,PO7,PO8,PO10
Name of the faculty Coordinator:	Ms. Sneha Bankar & Mrs. Asmeeta Mali

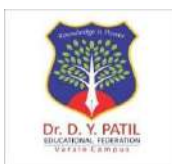|	
Title of the Activity:	**Practical understanding of Database management- Transactions, Queries and their real world uses.**
Day and Date:	Saturday, 5ᵗʰ October 2024
Time:	9.45 am to 12.45 pm
Venue:	Classroom 207
Name of Speaker	Mr. Tejas Joshi
Organization of Speaker	Software Developer Engineer-II, Convertcart, Pune
Category of the Activity:	Curricular
Objectives:	1. Understanding database transactions,locking methods and query optimizations. 2. The working of database transaction,their importance and different query optimizations techniques.
Summary Report:	1. Session on "**Practical understanding of Database management-Transactions,Queries and their real world uses.**" has organized by, Dept. of AI&DS, DYPCOE&I, Varale, Talegaon, Pune. 2. The session was attended by 55+ students from the Artificial Intelligence and Data Science Department. **The Expert lecturer is completed the following important topics:-** • Transaction -> Process of transaction • Properties of Transaction -> ACID (Atomicity,Consistency,Isolation,Durability) • Transaction states -> Active, Failed, Partially committed, Committed, Aborted • Transaction schedule -> Serial schedule, Serializable schedule • Concurrent execution of transactions • Concurrency control, Concurreny control protocols

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- Locking methods
- Lock Based Protocols
- Deadlocks
- Recovery Methods
- Query Processing
- Performance Tuning
- Query Optimization

Content Beyond the Syllabus

- Using docker to start database server
- Different types of databases
- Using different libraries to connect to database in the backend server

Session was Interactive and Students have enjoyed session delivered by Mr. Tejas Joshi.

No. of Students Participated:	55+ Students and 6 faculties from AI-DS Department
Outcome:	1) Understand how to apply Transaction Management concepts in real-time situations 2) Understand how to use NoSQL databases for processing unstructured data
CO/ PO Attained	PO1, PO2, PO3,PO4
Name of the faculty Coordinator:	Mr. Swapnil More & Mrs. Asmeeta Mali

Title of the Activity:	Expert Session on Industrial Revolutions in IOT & Introduction to Industry 5.0
Day and Date:	Saturday, 5th October 2024
Time:	10.00 am to 2.30 pm
Venue:	A208
Name of Speaker	Mr. Dinesh Bhadane
Organization of Speaker	Computer Science Engineering, JSPM University, Wagholi, Pune

Dr. D. Y. Patil	Dr. Sushant Patil	Dr. Suresh Mali
Founder, Dr. D. Y. Patil Group	President, DYPEF	Principal, DYPCOEI

Category of the Activity:	Curricular
Objectives:	1. To understand Industrial Revolutions in IOT 2. To understand Introduction to Industry 5.0

Summary Report:	• Expert Session on "Industrial Revolutions in IOT & Introduction to Industry 5.0" has organized by, DYPCOE&I, Varale, Talegaon, Pune.
	• The session was attended by 29 students from the Artificial Intelligence and Data Science Department.
	• In this Expert Session –
	   • Overview of Industrial Revolution in IOT
	   • Privacy and Security requirements in IIOT
	   • Security Components in IIOT
	   • Application & Use cases in IIOT
	   • Advantages & Disadvantages of Industry 4. 0
	   • Introduction to 5.0
	• Session was Interactive and Students have enjoyed session delivered by both resource person Mr. Dinesh Bhadane.

No. of Students Participated:	29 Students from BE AI-DS
Outcome:	the importance of security in IIOT and solutions to mitigate security risks 1. Understand the importance of security in IIOT. 2. Understand different applications and use cases of IIOT. 3. Understand advantages and disadvantages of Industry 4.0. 4. Understand Industry 5.0.
CO/ PO Attained	PO1, PO2, PO3, PO4, PO5,PO12
Name of the faculty Coordinator:	Mrs. Asmeeta Mali

Ms. Deepali Narwade	Dr. Dipannita Mondal	Dr. Suresh Mali
Coordinator	Head, Dept. of AI&DS	Principal