



INNOVATIVE COLLEGE OF PHARMACY

Affiliated To Dr. A.P.J. Abdul Kalam Technical University, Lucknow, U.P. & Approved By PCI

**Report with Photographs on
Programmes /activities conducted to
Awareness Trends & Technology**



Notice

Date: 12/02/2024

Dear Students,

We are thrilled to announce an upcoming session on " Awareness of trends in Technology: Machine Learning " scheduled for 20 February 2024. This session is aimed at helping students enhance and perfect their communication skills, which are crucial for success in both academic and professional settings.

The session will be conducted by Mr.Qumer Alam and Mr. Abhay, a expert in Machine Learning, assisting students and professionals in improving their Machine Learning abilities.

Principal



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Report

The session titled "Awareness of trends in Technology: Enhancement program on Computer Skills" was held on, February 20, 2024 at the college campus, led by Mr. Qumer Alam and Mr. Abhay. Both personal has recent enhancement program was designed to address this need by providing comprehensive training on essential and advanced machine learning. The event was attended by undergraduate and postgraduate students from various departments.

Basics of Machine Learning

1. Definition

- Machine Learning involves training algorithms to recognize patterns and make predictions based on data. Instead of following predefined instructions, ML models improve their performance as they are exposed to more data.

2. Types of Machine Learning

- Supervised Learning:** Involves training a model on labeled data, where the outcome is known. The model learns to map inputs to outputs based on the provided examples. Common applications include classification (e.g., spam detection) and regression (e.g., predicting house prices).
- Unsupervised Learning:** Deals with unlabeled data and aims to identify patterns or groupings within the data. Examples include clustering (e.g., customer segmentation) and dimensionality reduction (e.g., reducing the complexity of data).
- Reinforcement Learning:** The model learns by interacting with its environment and receiving feedback through rewards or penalties. It is commonly used in robotics and game playing, where the goal is to learn optimal strategies through trial and error.

3. Key Components

- Data:** The foundation of ML models, including input data and the desired outcomes.
- Algorithms:** Mathematical methods used to build and train ML models, such as decision trees, neural networks, and support vector machines.





- **Model Training:** The process of teaching the algorithm to recognize patterns and make predictions by adjusting parameters based on the data.

Conclusion

Understanding the basics of machine learning is essential as it becomes increasingly integral to various technologies and industries. By grasping core concepts like supervised, unsupervised, and reinforcement learning, as well as the importance of data and algorithms, individuals can better appreciate the impact and potential of ML.





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Students taking session on " Awareness of trends in Technology: Machine Learning"





Notice

Date: 14 /07/2022

Dear Students,

We are thrilled to announce an upcoming session on " Awareness of trends in Technology: Artificial Intelligence" scheduled for 15 July 2022. This session is aimed at helping students enhance and perfect their communication skills, which are crucial for success in both academic and professional settings.

The session will be conducted by Mr.Qumer Alam and Mr. Abhay, a renowned communication expert with extensive experience in assisting students and professionals in improving their communication abilities.

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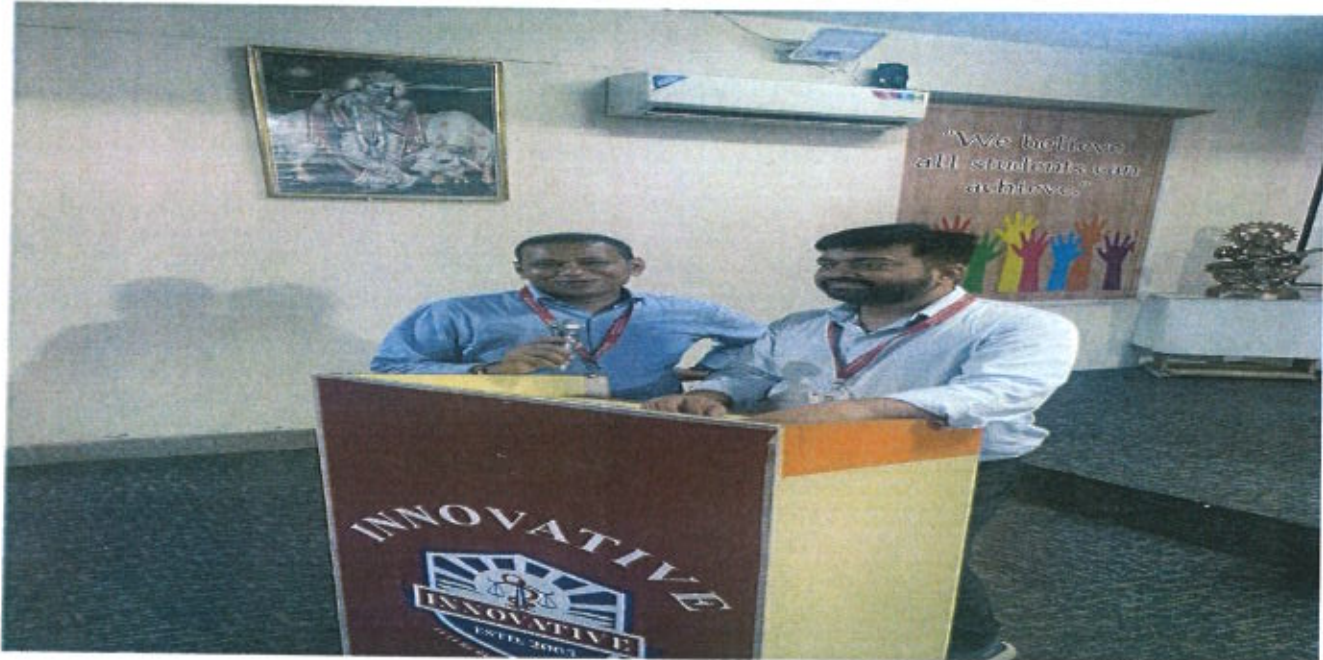
Report

The session titled "Awareness of trends in Technology: Artificial Intelligence" was held on 15 July 2022 at the college campus, led by Mr. Qumer Alam and Mr. Abhay. The purpose of the session was to provide students with crucial Artificial Intelligence needed for academic achievement, professional growth, and personal development. The event was attended by undergraduate and postgraduate students from various departments.

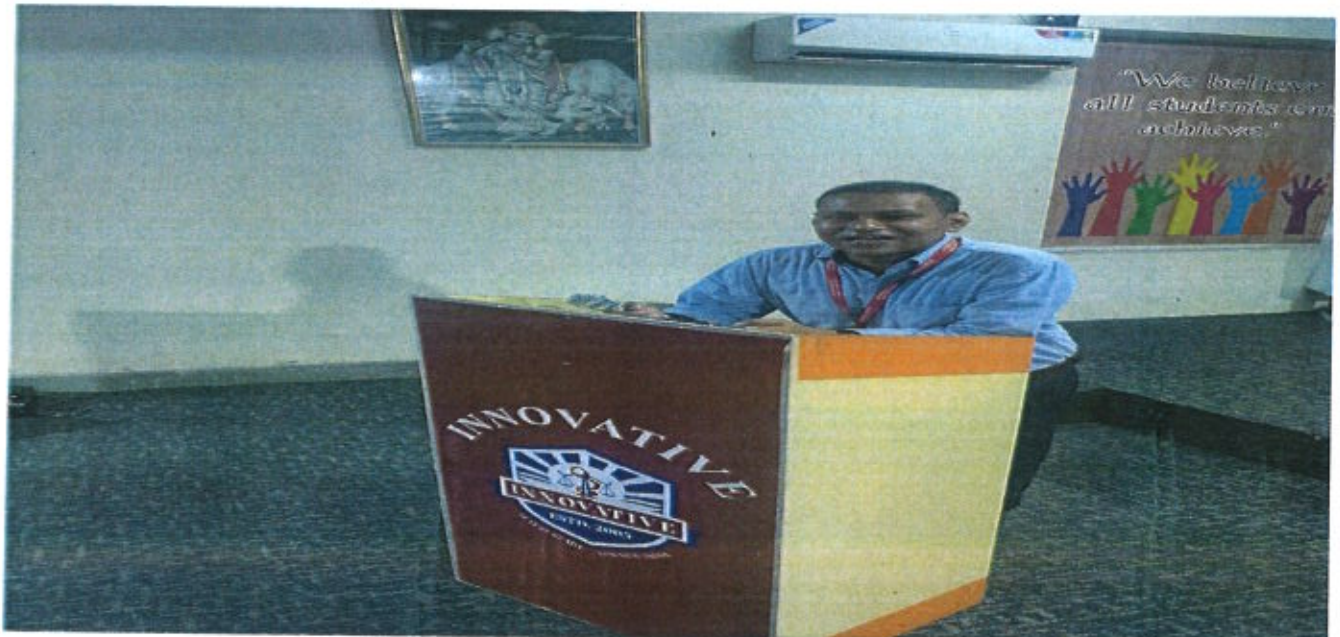
- 1. Machine Learning Advances:** Deep learning, especially with transformer models, has significantly improved natural language processing (NLP), enhancing AI's ability to understand and generate human-like text. Reinforcement learning is also progressing, optimizing strategies in fields such as robotics and gaming.
- 2. Healthcare Applications:** AI aids in diagnostics and treatment by analyzing medical images and personalizing care plans. Innovations in drug discovery use machine learning to predict molecular interactions, speeding up the development of new medications.
- 3. Ethical Considerations:** Issues of bias and fairness in AI systems are gaining attention. Efforts are underway to develop more transparent AI technologies to ensure equity and mitigate biases. Additionally, privacy concerns are prominent as AI systems handle vast amounts of personal data, prompting new regulations.
- 4. Autonomous Systems:** Advances in self-driving technology and AI-powered drones are transforming industries by enhancing efficiency and safety. Companies like Tesla and Waymo are at the forefront, pushing the limits of autonomous driving.
- 5. Business Applications:** AI-driven process automation and analytics are revolutionizing business operations, increasing productivity and reducing costs. AI also improves customer experiences through personalized recommendations and chatbots.

Conclusion: Staying informed about these AI trends is crucial for leveraging its benefits while addressing ethical and practical challenges. Businesses, policymakers, and individuals must navigate this evolving landscape responsibly to maximize AI's potential.





Mr. Qumer Alam & Mr. Abhay led a session on "Awareness of trends in Technology: Artificial Intelligence"



Mr. Abhay led a session on "Awareness of trends in Technology: Artificial Intelligence"





Notice

Date: 11 /08/2020

Dear Students,

We are thrilled to announce an upcoming session on " Awareness of trends in Technology: How to Join Zoom Meetings" scheduled for August 18/2020. This session is aimed at helping students enhance and perfect their communication skills, which are crucial for success in both academic and professional settings.

The session will be conducted by Mrs.Qumar Alam and Mr. Abhay, a IT expert with their experience they assisting students and professionals in improving their IT abilities.


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Report

The session titled " Awareness of trends in Technology: Artificial Intelligence "was held on 18 August 2020 at the college campus, led by Mr.Qumer Alam and Mr. Abhay The purpose of the session was to provide students with Zoom has become a critical platform for virtual meetings highlighting the technology's significance in remote communication. The event was attended by undergraduate and postgraduate students from various departments.

Steps to Join a Zoom Meeting

1. Download Zoom

- **Desktop:** Visit zoom.us/download and download the Zoom Client for Meetings. Install it by following the on-screen instructions.
- **Mobile:** Download the Zoom app from the App Store (iOS) or Google Play Store (Android) and install it on your device.

2. Join via Meeting Link

- **Access Link:** Click the meeting link provided in the invitation (e.g., <https://zoom.us/j/1234567890>). This will direct you to Zoom, either through the app or a web browser.
- **Automatic Launch:** If Zoom is installed, the link will open the app directly. If not, you will be prompted to download and install Zoom.

3. Join via Meeting ID

- **Open Zoom:** Launch the Zoom application.
- **Enter ID:** Select "Join a Meeting," enter the Meeting ID from your invitation, and click "Join."
- **Passcode:** If required, input the pass code provided in the invite.

4. Participate in the Meeting

- **Settings:** Enable your audio and video as prompted. Confirm your choices to join.
- **Controls:** Use the toolbar for managing audio, video, and chat functions.





Conclusion

Joining Zoom meetings is straightforward, ensuring effective virtual communication. Understanding these steps is essential for leveraging this technology in remote interactions.





Mr. Qumer Alam led session on " Awareness of trends in Technology: How to Join Zoom Meetings"





Notice

Date: 05/02/2020

Dear Students,

We are excited to announce an upcoming session on "Problem-Solving Skills" scheduled for February 12, 2020. This session is aimed at improving your ability to address challenges effectively and develop innovative solutions in different scenarios.

The session will be led by Dr. Amarjeet Singh, a respected educator and expert in problem-solving, who brings extensive experience in helping students achieve successful outcomes.

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REPORT

The session titled "Problem-Solving Skills" took place on February 12, 2020, at the college campus and was led by Dr. Amarjeet Singh. The goal was to improve students' problem-solving capabilities and prepare them for challenges in their academic and professional lives. The session engaged UG and PG students from various departments.

The session started with an introduction to the importance of problem-solving skills for both academic and career success. Students were encouraged to view problem-solving as a vital skill relevant across different fields. Techniques for accurately identifying problems and understanding their root causes were discussed.

Participants learned strategies for brainstorming and assessing potential solutions, focusing on creativity and practicality. Methods for making well-informed decisions, including rational analysis and risk evaluation, were also covered. Practical activities involved applying problem-solving frameworks through group discussions and case studies, simulating real-world challenges to enhance collaborative skills.

Conclusion: The "Problem-Solving Skills" workshop was a valuable experience for students, providing essential techniques for academic and professional success. The session effectively equipped students with practical problem-solving methods and encouraged a proactive approach to handling challenges. Participants reported increased confidence in managing academic and professional issues.





Dr. Amarjeet Singh taking Q&A session on "Problem-Solving Skills"



Notice

Date: 08 /01/2020

Dear Students,

We are thrilled to announce an upcoming session on " Awareness of trends in Technology: Enhancement program on Computer Skills " scheduled for January 11/2020. This session is aimed at helping students enhance and perfect their communication skills, which are crucial for success in both academic and professional settings.

The session will be conducted by Mr.Qumer Alam and Deepika Chauhan a expert in Computer Skills, assisting students and professionals in improving their Computer abilities.


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Report

The session titled "Awareness of trends in Technology: Enhancement program on Computer Skills" was held on January 11, 2020 at the college campus, led by Mr. Qumer Alam and Deepika Chauhan. Both personal has recent enhancement program was designed to address this need by providing comprehensive training on essential and advanced computer skills. The event was attended by undergraduate and postgraduate students from various departments.

The program covered several key components. It began with basic computer literacy, focusing on operating systems, file management, and essential software applications, ensuring participants had a solid foundation in navigating and utilizing computers effectively. Following this, the curriculum delved into advanced software skills, including in-depth training on Microsoft Office Suite (Word, Excel, PowerPoint) and data management, aimed at enhancing participants' ability to handle complex tasks and create professional documents.

Another crucial aspect of the program was its emphasis on internet and online tools. Participants learned effective use of web browsers, communication platforms like Zoom, and best practices for internet safety. This segment was designed to improve digital communication skills and online navigation. Lastly, the program introduced basic programming concepts, offering a primer on coding and problem-solving techniques to stimulate further interest and learning in programming.

Overall, Mr. Qumer Alam and Deepika Chauhan enhancement program effectively equipped participants with the necessary computer skills to navigate and excel in the modern technology-driven environment.





Mr. Qumer Alam and Deepika Chauhan led session on " Awareness of trends in Technology: Enhancement program on Computer Skills "

