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Department of Artificial Intelligence & Data Science

Report on Industrial Visit for Awareness Program on IDEA Lab

Dated: 26/04/2024

Date of Event: 25th April, 2024 (09:00 AM-05:00 PM)

Venue: Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonipat, Haryana

Objective:

- **Enhance awareness:** Familiarize students with the purpose, capabilities, and resources available at the AICTE-IDEA Lab.
- **Inspire future endeavors:** Showcase the potential applications of AI and DS in various domains, igniting interest in research and innovation.
- **Foster collaboration:** Bridge the gap between academia and industry, encouraging potential partnerships for future projects and internships.

Key Activities:

- **Interactive Presentations:**
    - Faculty members and researchers delivered comprehensive presentations on the following aspects:
        - Overview of the AICTE-IDEA Lab initiative and its mission.
        - Advanced facilities and technologies available within the lab, including high-performance computing systems, specialized hardware, and software tools.
        - Ongoing research projects focusing on various AI and DS applications relevant to the students' field of study.

- **Live Demonstrations:**
    - Interactive demonstrations showcased the practical implementation of AI and DS techniques in areas like:
        - Natural Language Processing for tasks like sentiment analysis and text summarization.
        - Computer Vision and Image Processing applications like object detection and image classification.
        - Machine Learning algorithms for data analysis and prediction.
- **Open Discussion and Q&A:**
    - Students actively participated in discussions, asking questions and gaining insights into:
        - The real-world challenges and opportunities in the field of AI and DS.
        - Potential applications of the observed technologies within their academic projects and future careers.
        - Collaboration opportunities with the IDEA Lab for research projects or internship possibilities.

Outcomes:

- The program successfully raised awareness among students about the cutting-edge technologies and research activities within the AICTE-IDEA Lab.
- Exposure to practical applications and the collaborative research environment sparked the student's interest in pursuing further exploration within the field.
- Interactive sessions fostered valuable connections between students and researchers, opening doors to potential collaborations and mentorship opportunities.

Recommendations:

- Organizing similar awareness programs for future batches of AI & DS students can significantly benefit their academic and professional development.
- Establishing collaborations between the university and the IDEA Lab for joint research projects or student internships could further enhance learning experiences and research output.

Conclusion:

The awareness program at the AICTE-IDEA Lab proved to be an enriching experience for the B.Tech (AI & DS) students. By showcasing the potential and capabilities of the lab, the program ignited their interest in pursuing careers in AI and DS and exploring potential collaborations for future endeavours.

Beneficiaries: B.Tech.(AI&DS) 2nd ADGIPS

Photographs of the Industrial Visit attached

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ATAL ACADEMY AND IDEA LAB

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DR. AKHILESH DAS GUPTA
INSTITUTE OF PROFESSIONAL STUDIES
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BBD
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE
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Organising Industrial Visit For
"Awarness Program On AICTE IDEA Lab"
Venue: DGRUST, Murthal, Sonipat, Haryana
25th, April 2024
ShapingGenerations
IDEALab

No. – DCRUST/AAIL/IDEA/2023/08032

ATAL ACADEMY & IDEA LAB

Deenbandhu Chhotu Ram University of Science and Technology
Murthal, (Sonipat): 131039, Haryana-India

AICTE Sponsored One Day Skilling Workshop
on
IDEA LAB
25th April, 2024

Certificate

This is to certify that Dr./Mr./Ms. **Madhav Maheshwari, Artificial Intelligence and Data Science Department, Dr. Akhilesh Das Gupta Institute of Professional Studies** has successfully attended one day **Skilling Workshop**, sponsored by **AICTE** and organized by the **ATAL Academy & IDEA Lab, Deenbandhu Chhotu Ram University of Science and Technology (DCRUST), Murthal, Sonipat, Haryana.**

Dr. Pardeep Sharma	**Prof. Mridul Chawla**	**Prof. Ramesh K. Garg**
Program Coordinator	**Program Coordinator**	**Director**
AAIL, DCRUST	**AAIL, DCRUST**	**AAIL, DCRUST**