Circular

<u>Ref.No. : AJU/AD/ENGG/62/2022-23</u>   Date: 03.02.2023

This is to inform all the faculty and students of ARKA JAIN University that, Department of Engineering & Polytechnic, School of Engineering and IT is going to organize Knowledge Manthan, a technical awareness; on 4th Feb 2023 at Block C in Room No. 328. The faculties, who are going to deliver PPT on their selected topic are as follows:

1. Prof. Puja Prasad on the topic   "Soft Skills-A Success Mantra at the Workplace"
2. Prof. Saroj Kumar Rajak on the topic   "Introduction to Google Colab"

Event Coordinator:

Dr. Anupam Kumari

Prof. Ashwini Kumar
Asst. Dean
ARKA JAIN University,
Jharkhand-832108

Asst. Dean
School of Engineering & IT
ARKA JAIN University

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KNOWLEDGE MANTHAN

Date of Event	04.02.2023
Name of Event	Knowledge Manthan
Conducted by	Dr. Anupam Kumari
Number of Participants	25
Resource Person	Prof. Saroj Kumar Rajak (Asst. Prof., Dept. of Engg, Arka Jain University Jharkhand) Prof. Puja Prasad (Asst. Prof., Dept. of Engg, Arka Jain University Jharkhand)

Introduction: Arka Jain University, Jharkhand, organized informative workshop sessions featuring Prof. Saroj Kumar Rajak and Prof. Puja Prasad from the School of Engineering and IT. The sessions covered topics ranging from advanced AI research tools to the indispensable soft skills essential for success in the professional arena.

Session 1: Prof. Saroj Kumar Rajak on "Google Colab - An Introduction":

Objective: The objective of the session was to introduce participants to Google Colab, emphasizing its role in AI research and machine learning development. Prof. Saroj Kumar Rajak provided insights into the features and benefits of Google Colab, focusing on its integration with TensorFlow and its support for GPU usage.

Key Points:

Introduction to Google Colab: Prof. Rajak highlighted Google Colab as a cloud-based Jupyter notebook environment, accessible and editable without any local setup.

Free GPU Support: He emphasized Google Colab's support for GPU usage, which is provided free of charge. This feature significantly facilitates machine learning and data science development.

Open Source: TensorFlow, the AI framework developed by Google, is open-sourced, and since 2017, Colab has been freely available for public use.

Ease of Learning: Prof. Rajak underscored how Colab has eased the learning and development of machine learning applications, making it a standard tool in academia for teaching.

Applications of Google Colab:

Prof. Rajak concluded the session by outlining the diverse applications of Google Colab, ranging from Python coding and mathematical equation support to collaborative document creation and sharing through Google Drive.

Session 2: Prof. Puja Prasad on "Soft Skills - A Success Mantra at the Workplace":

Objective: The objective of Prof. Puja Prasad's session was to sensitize participants to the critical role soft skills play in professional success. The focus was on instilling an understanding of the significance of communication, time management, discipline, work ethics, and other essential soft skills.

Key Points:

Importance of Soft Skills: Prof. Prasad stressed the importance of soft skills, characterizing them as essential for workplace survival. Soft skills, she explained, transcend knowledge and expertise, being closely linked to an individual's character.

Challenges in Development: Developing soft skills, Prof. Prasad highlighted, is more challenging as compared to technical skills, requiring a commitment to self-development and continuous practice.

Leadership Qualities: The speaker emphasized that a good leader is not just an organizer but also a good listener and empathizer. Distribution of work based on individual strengths was advocated.

Holistic Success Mantra: Prof. Prasad concluded by asserting that in the 21st century, a widely accepted holistic mantra for success involves the cultivation of soft skills and a continuous willingness to learn.

Reflections on Success: The session closed with the idea that success is more attainable when individuals focus on personal development, embracing the theory that success follows those who concentrate on self-improvement.

Conclusion: Both sessions provided valuable insights for participants, equipping them with knowledge on cutting-edge AI tools and emphasizing the pivotal role soft skills play in professional growth. The diverse range of topics covered in these workshops contributes to the holistic development of individuals within the academic community at Arka Jain University.

Photo of the Event

Figure 1: Poster of the Knowledge Manthan
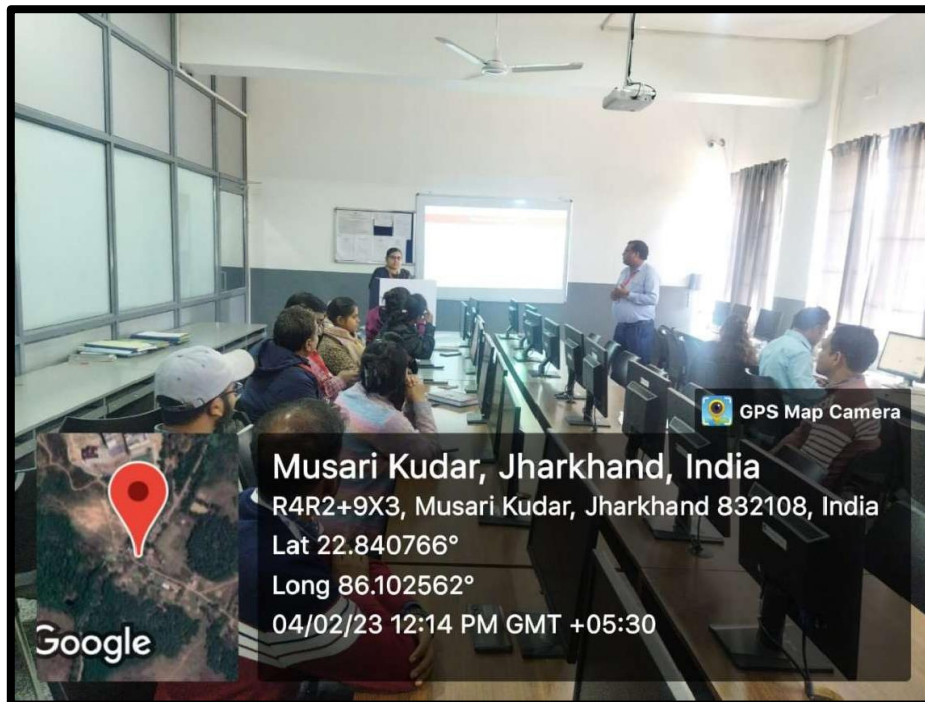
Photos of the Event

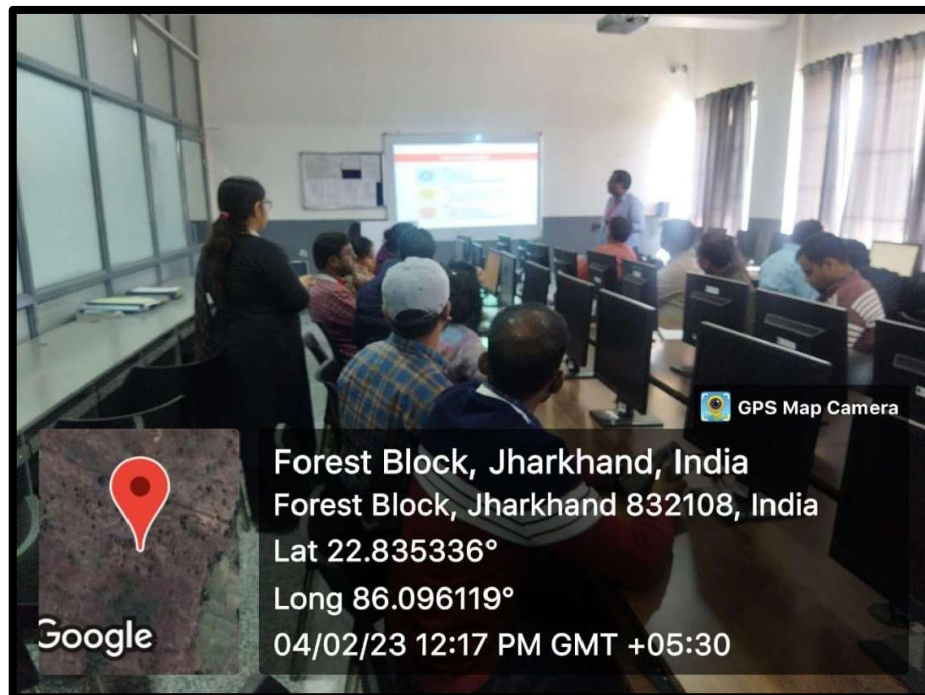**Figure 2: Picture of the commencement of the Knowledge Manthan**

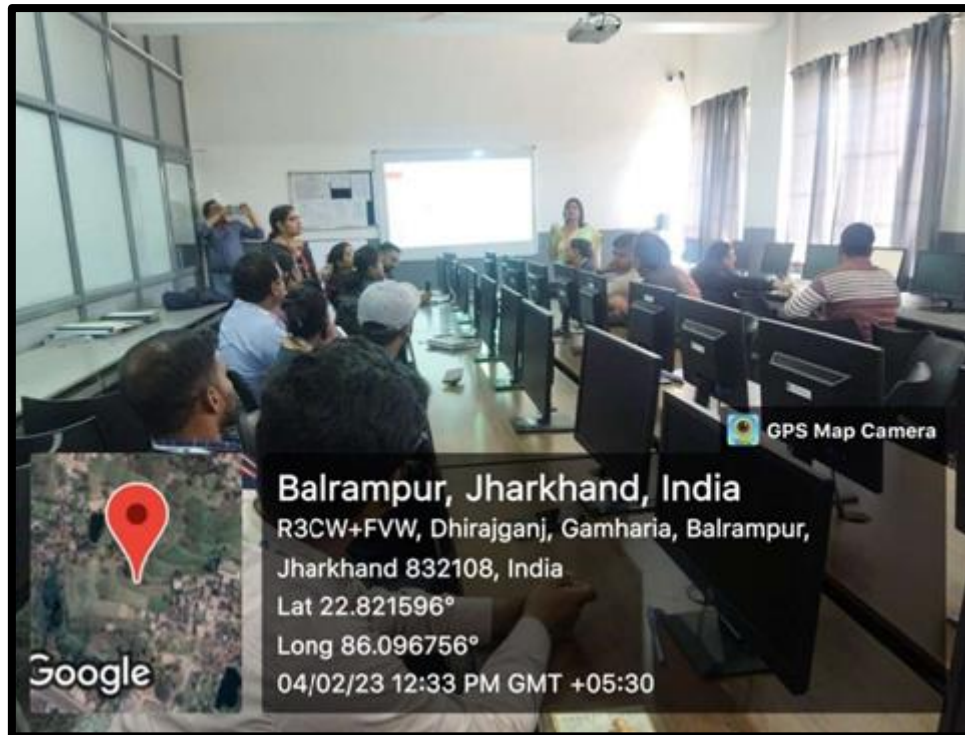**Figure 3: Picture of Prof. Saroj Kumar Rajak delivering the lecture**

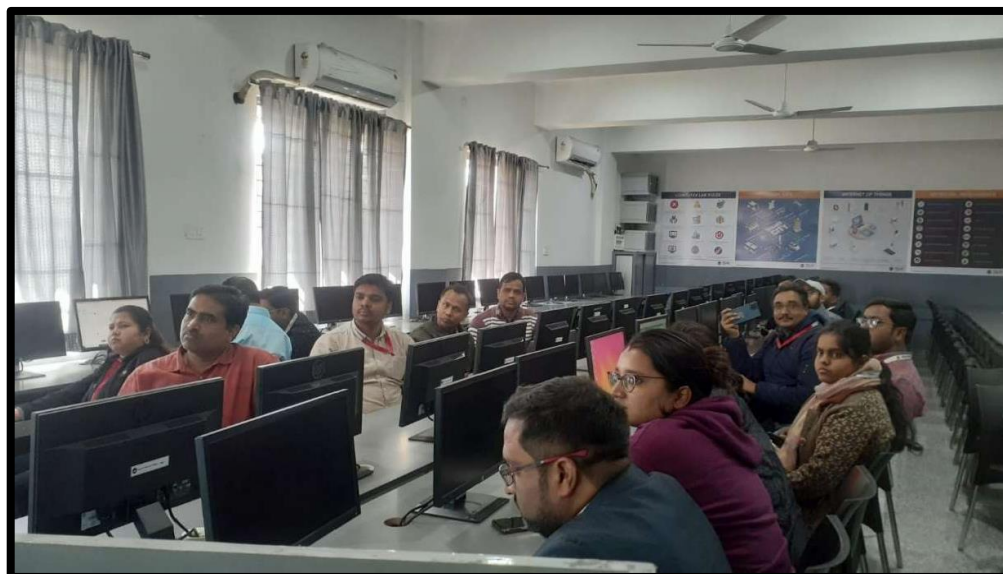**Figure 4: Picture of Prof. Puja Prasad delivering the lecture**

Figure 5: Picture of Participants during the knowledge Manthan Session

List of Participants

Attendance sheet of Knowledge Manthan

Date: 04.02.23

Knowledge Manthan session has been successfully organized by Dept. of Engineering, School of Engineering & IT on 4.02.23 at 12:00 noon -1:00 PM in Room No. 328. The faculty members, who are present today, are:

S. No.	Emp. ID/ Enrolment	NAME	SIGNATURE
1.	1110	Dr. Binod kr-Chaudy	
2.	ARKA\AJU\1177	Shalabhisa Simha	Simha
3.	1176	Dr. Keerti Rai	
4.	1343	Kumari Siyala	Kumari Siyala
5	1439	Rakhi Jha	
6.	1451	Dr. Girendra Kumar	
7.	1401	Suraj Kumar	
8	1095	S. Rashid Anwar	
9	1299	Dr. Vikansha Kumar	
10	1404	Md. Iqbal Ansari	
11	1452	Dr. Krishna Jena	
12	1410	DR. ADITYA PRASAD PADHY	Appadha
13	1156	Kumaresh Pal	
14.	1230	M.K. Sharma	
15	1109	Dr. Chandra Probha Sah	
16	1325	Saroj kumar Rajak	Saroj kumar Rajak
17	1236	Megha Srivastav	
18	1350	Dr. Narayan prasad	

ARKA JAIN University Jharkhand

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S. No.	Emp. ID/ Enrolment	NAME	SIGNATURE
19.	1296	Dr Anup Kumar	
20	1292	Dr. Amit Prasad Sen	
21.	1094	Dr. Anupam Kundu	
22.	1429	Puja Prasad	Prasad
23.	1232	Ravi deep Singh	
24	1231	Abhijit Mandol	
25	1234	NEERAJ K P.	