

Circular

Ref. No. AJU/AD/ENGG/116/2023-24

Date: 25/02/2024

This is to inform all the faculty and students of ARKA JAIN University that, Department of Engineering, School of Engineering and IT is going to organize Knowledge Manthan, a technical awareness; on 09th Mar 2024 at Baudhayana Block in Seminar Hall. The faculties, who are going to deliver PPT on their selected topic, are:

1. Prof. Suraj Kumar
2. Prof. Basant Das

Event Coordinator:
Dr. Anupam Kumari

Dr. Ashwini Kumar
Assistant Dean
School of Engineering & IT
Arka Jain University, Jharkhand

Copy for information & necessary action please: -

1. PS to The Vice-Chancellor
2. PS to The Director
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Report of Knowledge Manthan

Date of Event	09.03.2024
Name of Event	Knowledge Manthan
Conducted by	Dr. Anupam Kumari
Number of Participants	25
Resource Person	<ol style="list-style-type: none"> 1. Prof. Suraj Kumar Assistant Professor, Dept. of Civil Engineering 2. Prof. Basant Das Assistant Professor, Dept. of Mechanical Engineering

Objective: The Knowledge Manthan session aimed to enhance the understanding of key topics relevant to different departments, emphasizing the importance of specialized knowledge and collaborative learning. The session focused on "Dam Safety and Instrumentation" and "Total Productive Maintenance" (TPM), delivered by experts from ARKA JAIN University, Jharkhand, Jamshedpur.

Knowledge needs of different employees in a department are different. Knowledge surfaces through dialog, all knowledge is socially mediated and access to knowledge is by connecting to people that know or know who to contact. Knowledge Manthan dated 9th March 2024 two topics have been presented by the resource persons:

1. Prof. Suraj Kumar on the topic "Dam safety and instrumentation".
2. Prof. Basant Das on the topic "Total Productive maintenance".

The Resource person **Prof. Suraj Kumar** is Assistant Professor of the School of Engineering and IT, ARKA JAIN University Jharkhand, Jamshedpur.

Prof. Suraj Kumar enlighten about the "Dam safety and instrumentation". He said, To understand the structural behavior pre-construction and during operation, monitoring of dams becomes an important role. Dam Monitoring Instrumentation is necessary as it provides information about the performance of the dam while also giving an early warning in case of any issue that may arise. The scope of instrumentation is not entirely dependent on the complexity or the size of the reservoir but also has to do with the possibility of a loss of life and property downstream.

The Resource person **Prof. Basant Das** is Assistant Professor of the School of Engineering and IT, ARKA JAIN University Jharkhand, Jamshedpur.

Prof. Basant Das addressed the participant about "Total Productive maintenance". Prof. Basant Das addressed that Total productive maintenance (TPM) is a strategy that operates according to the idea that everyone in a facility should participate in maintenance, rather than just the maintenance team. This approach uses the skills of all employees and seeks to incorporate maintenance into the everyday performance

of a facility. TPM emphasizes proactive and preventative maintenance to maximize the operational efficiency of equipment. It blurs the distinction between the roles of production and maintenance by placing a strong emphasis on empowering operators to help maintain their equipment.

Event Poster



ARKA JAIN
University
Jharkhand



School of Engineering & IT
Organizes

Knowledge Manthan

Speakers:

Prof. Basant Kumar Das

Prof. Suraj Kumar



Date : 09.03.2024

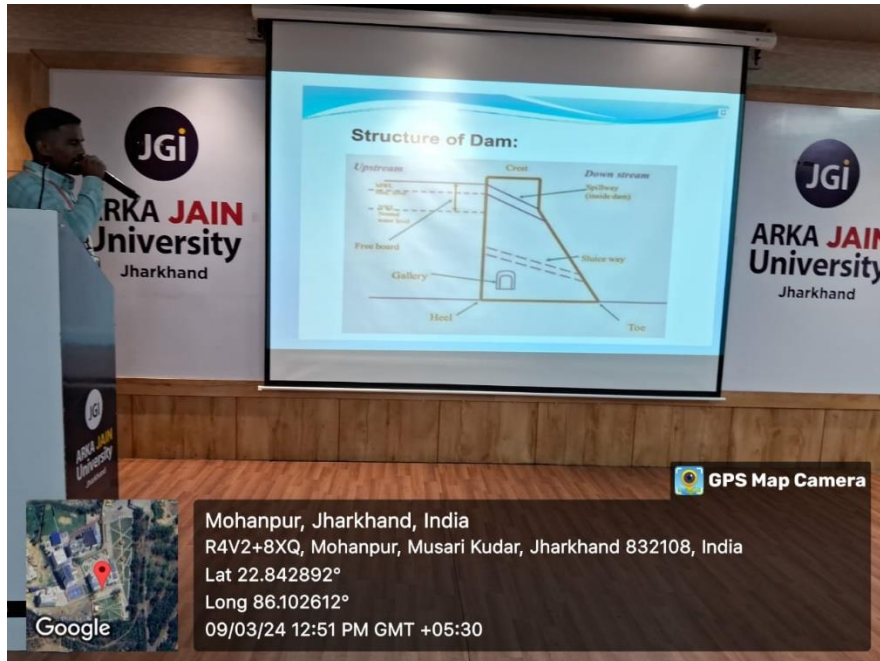
Time: 12:30 PM

**Venue: Seminar Hall,
Baudhayana Block**

Convenor: Dr. Ashwini Kumar (dr.ashwini@arkajainuniversity.ac.in)

Coordinator: Dr. Anupam Kumari (dr.anupam@arkajainuniversity.ac.in)

Event Pictures



Picture of Prof. Suraj Kumar delivering the lecture



Picture of Prof. Basant Das delivering the lecture



Picture of Participants during the knowledge Manthan Session