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| <b>Date of Event</b>          | <b>27<sup>th</sup> February 2022</b>            |
| <b>Name and Type of Event</b> | Workshop on “Topic Selection for Minor Project” |
| <b>Conducted by</b>           | Ms. Kamalika Das and Mr. Kumar Shubham          |
| <b>Number of Participants</b> | <b>16</b>                                       |

### **Key Points from the Workshop**

Before a candidate begin the quest to a project topic should know that what qualities of a project topic are important. After this make it clear in their mind that once he/she formulate a topic they have to narrow it down to your workable limits. Narrowing down the project topic is the most important consideration during this process. Some of the most important considerations in choosing the topic as discussed by the speaker were:

1. A topic you are curious about
2. A topic that interests you
3. A topic that is manageable
4. A topic that is significant
5. Avoid over-exhausted topics
6. A topic that is challenging
7. Availability of sources

It was also discussed during the workshop that the engineering students must avoid preparation of models which they have done in the school level. Various topics were also suggested by the Speaker during the session like:

#### **Structural Engineering-**

1. Earthquake resistant Buildings
2. Retrofitting Techniques
3. Strength improvisation of concrete
4. Porous Concrete

5. ETABS, STADD.Pro based projects

### **Geotechnical Engineering-**

1. Landslide Analysis
2. Foundation Stability Analysis
3. Tunneling
4. Ground Improvement Techniques
5. PLAXIS, DEEPSOIL etc. Based projects

### **Transportation Engineering-**

1. Traffic Engineering
2. Material Testing
3. Design of Highways
4. GIS for road network identification

### **Water Resource Engineering-**

1. Ground Water Quality Assessment
2. Soil water interaction
3. Canal design
4. Water distribution system network

## Event Poster



**JGI** | **ARKA JAIN University**  
Jharkhand (Jamshedpur)

# Department of Engineering

organizes

## Workshop

On

### “Topic Selection for Minor Project”

**Eligibility:**  
B.Tech - 6<sup>th</sup> semester (Civil Engineering)  
Diploma - 4<sup>th</sup> semester (Civil Engineering)

**DATE:** 27/02/2022 | 11:00 AM IST

**Registration Link -**  
<https://forms.gle/KFU3zRXyC4UqkKYR7>

**Convener:** Mr. Ashwini Kumar  
**Organizers:** Ms. Kamalika Das | Mr. Kumar Shubham

**Contact No.:** 8218035710



*Speaker*

**Mr. Kumar Shubham**  
Assistant Professor  
Department of Engineering  
ARKA JAIN University

