

# WORKSHOP ON IRRIGATION RESOURCES MAPPING

Date: 17/09/2021  
Semester: 7<sup>th</sup>, Civil  
Engineering Department



## Civil Engineering Department Workshop Report

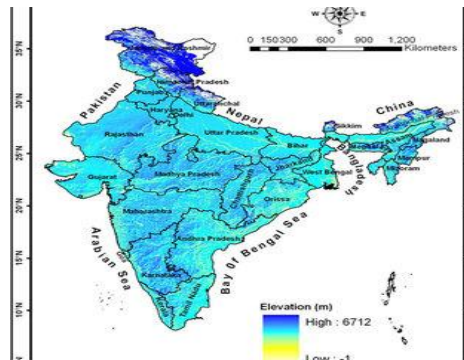
### Objective-

The main objective of the Workshop was to explain the application of GIS technology and to create irrigation resources map using open source of GIS (QGIS 3.12). This workshop would enable the students to mapping the Irrigation project assets like canal network, various civil structures, irrigation command boundary, administrative jurisdiction etc. To provide the knowledge of beyond the syllabus in the subject of Irrigation Engineering this workshop has been conducted.

### Summary:

In the first session, all developmental activities which enhance the demand of water, whether it is agriculture or industry have been discussed. The ever increasing population also results in the increase in domestic demand of water in daily life. The water resources are available either as surface water or groundwater and the principal source for both the resources is precipitation. The USGS provides science about natural hazards that threaten lives and livelihoods; the water, energy, minerals, and other natural resources. Our scientists develop new methods and tools to supply timely, relevant, and useful information about the Earth and its processes.

Feedback from Participants	Out of 10 (Average)
(a) Knowledge	9.3
(b) Practical Experience	9.4
(c) Duration	9.1
(d) Expert Knowledge and Experience	9.2



### Course Participant:

Workshop was organized for the students of 7<sup>th</sup> Semesters, Civil Engineering. Total of 18 participants participated and each one was explained the application of GIS in irrigation engineering that helped to the students in their respective subjects.

### Workshop In charge:

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