

A Report on One Day Technical Talk on “Advanced Surveying and Intelligent Transportation System” Organised by Civil Engineering Department of Jorhat Engineering College.

With the aim to introduce the students with basic knowledge about Advanced Surveying and its application in Transportation Engineering field, which is not covered within the present curriculum but very important for professional career, Civil Engineering Department of JEC has conducted a one day technical talk for UG students in the departmental seminar hall on 11th June, 2018.

The program was inaugurated by Prof. P.K. Khaund, HOD, CED with an inaugural speech followed by a welcome speech by the coordinator Dr. Mrinal Kumar Dutta, Associate Professor, CED.

The resource person Dr. Mrinal Kumar Dutta started his talk on “Geo informatics and Transportation Engineering”. At first, he had given a brief introduction to modern surveying tools like Remote Sensing (RS) , GIS and GPS. Next, Dr. Dutta explained the working principle of RS, GPS and GIS and eventually had given more importance to application of these modern tools in the field of transportation engineering with the help of case study.

Mr. Koushik Kalita, Assistant Professor, CED presented the 2nd talk on “Total Station”. He lucidly explained its various components and their functions and finally its range of applications in surveying. Mr. Kalita also demonstrated the working principle of the instrument in front of the students.

The last talk of the session was also delivered by Mr. Koushik Kalita, Assistant Professor, CED on “ Intelligent Transportation System (ITS)”. Mr. Kalita mainly focused his talk on the various applications of ITS in modern transportation system for a sustainable development. He also discussed about various technologies used in ITS with the students. Finally, Mr. Kalita had concluded his talk by presenting two case study on the application of RS and GIS in transportation engineering.

The event was a successful one. The technical talks were relevant to the title and were well-appreciated by the students. After completion of this one days technical talk students will have an idea about the advanced surveying and ITS, which will definitely help them in their professional life.

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On
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