

Four Days National e-FDP

On

Application of Remote Sensing and GIS in Civil Engineering

July 07- July 10, 2020

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Prof.(Dr.) P.K. Mishra
Director, SIT, Sambalpur

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Organised By

**Department of Civil Engineering,
Silicon Institute of Technology,
Sason, Sambalpur, Odisha-768200**

About Silicon:

Silicon Institute of Technology started its first campus at Bhubaneswar in 2001 and with the completion of its nine glorious years it ventured into Western



Odisha for its second campus at Sambalpur in 2009. After eleven years of its existence, Silicon, Sambalpur otherwise known as Silicon West is now a familiar name in the field of technical education of Odisha. Since its inception, the institute has been undergoing continuous improvisation by adapting to modern and innovative technologies in order to cater to the students' needs. All the programmes offered at Silicon are approved by All India Council for Technical Education (AICTE), Ministry of HRD, Government of India, recognized by Government of Odisha and the institute is affiliated to the Biju Patnaik University of Technology (BPUT), Odisha.

About Civil Engineering Department:

The department of civil engineering was started in the academic year 2010, approved by AICTE. It aims at producing quality civil engineers. The department is well equipped with a group of highly qualified and dynamic teachers who encourage and motivate the students to take up challenging projects. The department is proud to have Dr. P.K. Mishra, Director, SIT Sambalpur (Ex-Professor and HOD, Civil Engineering, UCE Burla) as advisor of the Civil Engineering Faculty.

About FDP:

A geographic information system (GIS) is a computer-based tool for mapping and analysing feature events on earth. GIS technology integrates common database operations, such as query and statistical analysis, with maps. Remote sensing is the art and science of making measurements of the earth using sensors on airplanes or satellites. Hence now a days this remote sensing and GIS are also used in Civil Engineering in different field like water resource, environment, surveying, ground water management etc. This will be helpful for all the participants to widen their knowledge and explore a new area of research.

Programme details:

Day 1 (7th July 2020)

Timing: 10AM to 11.00AM

Topic: Introduction of application of Remote sensing and GIS in Civil Engineering

Resource Person: **Dr. Prashanth J., Assistant Professor, National Institute of Technology Silchar, Assam**

Day 2 (8th July 2020)

Timing: 10 AM to 11.00 AM

Topic: Geo-spatial data science for water resources management

Resource Person: **Dr. Subashisa Dutta, Professor, Indian Institute of Technology, Guwahati, Assam**

Day 3(9th July 2020)

Timing: 10 AM to 11.00 AM

Topic: Application of Remote sensing, GIS and Geo informatics in Disaster management

Resource Person: **Dr. K.C. Tiwari (Retd. Col.), Professor, Delhi Technological University, Delhi**

Day 4(10th July 2020)

Timing: 10AM to 11.00 AM

Topic: Monitoring of Turbidity using Remote sensing observations

Resource Person: **Dr. Ratnakar Swain, Assistant Professor, National Institute of Technology, Rourkela, Odisha**

Who Should attend:

Faculties, Executives, Engineers and Researchers from institutions, Industries, Consultancy Firms and Government Organizations.

How to Register: Click below link to register

https://docs.google.com/forms/d/e/1FAIpQLSecEluXriFyPeKq781ZIM6lQk_aiNdiXCiress8g6wVFQgq8w/viewform?usp=sf_link

There is no registration fees for participants

E-Certificates will be provided to the participants after successfully attending all the sessions

For More details, contact

Sit.ce.fdp.2020@gmail.com

Prof. Rasmiranjan Samal (Contact no: 7008228944)

Prof. Sudeep Kumar Patel(Contact no: 9437083810)