



Sponsored

Online National level Induction/ Refresher Program on Advanced Surveying Instruments and Techniques

(FOR CIVIL ENGINEERING GROUP)

On,

16th June 2021 to 22nd June 2021



CIVIL ENGINEERING DEPARTMENT

Department of Civil Engineering is prepared to meet the challenges and is playing a leadership role in shaping the education of the 21st Century by providing unique educational and research opportunities at the forefront of Civil engineering and their applications. The department has accredited in Jan 2020 by NBA. The Department regularly arranges seminars, workshop from industry Experts for students as well as staff and also organizes industry visits for students

VISION, MISSION

VISION

To be a fountain head of quality education by empowering students with necessary knowledge and skills.

MISSION

- To impart the quality education to the students to serve society and nation.
- To enable the students to gain life-long learning skills and to pursue higher education.

ABOUT PROGRAM

In the era of globalization, today the technology has brought the significant advancement in surveying instrument and technology. Available precise digital surveying instruments are used currently due to their accuracy, speed and easy operation of the same. These equipments and the applications are extensively used in the field of civil engineering, mining engineering, environmental engineering, transportation engineering and marine engineering. Since Remote Sensing and

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Principal, AISSMS's Polytechnic, Pune

COORDINATOR

Mr. S. G. Anturkar
Head of Civil Engineering Department.
9423921614/ hodce@aissmspoly.org.in

Geographic Information System (GIS) is a vital discipline and being widely used for plotting and storing spatial information, it is expected that the faculties should know the basics of the course to apply in the practical. Through this program faculties will develop the desired skills and competencies which are necessary for the conduction of survey theory and giving direct exposure of practical knowledge.

RESOURCE PERSONS

Eminent personalities from premier institutions such as IIT's, NIT's, R&D centre and reputed industries.

REGISTRATION CRITERIA

Faculty members and researchers of AICTE approved Colleges and delegates from Industries are eligible to attend this program. Last day of registration is 15th June 2021

- Participant should have ISTE life membership.
- Fast-track membership also provided from our Institute side.

CONTACT

Mrs. G. R. Deshpande, Lecturer in Civil Department.
Phone: - 9921676856/ 02026058077
Email: - grdeshpande@aissmspoly.org.in

VENUE

This is an Online FDP, conducted on GOOGLE MEET/ Web-Ex platform

CERTIFICATE

Certificate will be issued to the participants fulfilling attendance criteria for all the sessions and qualifying the test conducted at the end of the program.

ORGANIZING TEAM

Mr. B.H. Chafekar **Mrs. A.P. Kantak**
Mr. K. D. Waghmare **Mr. P. V. Kapure**
Mrs. S. S. Dethe **Mrs. R. R. Jadhav** **Mr. A. S. Sathe**

AISSMS POLYTECHNIC

Shri Shivaji Memorial Society, established as early as in 1917, is a premier educational institution in Pune. Ours is a result oriented society dedicated to the noble cause of military, general, technical & management education in India. It functions beyond race, cast, creed, religion & political spirit. The Society Management is very pragmatic & progressive. AISSMS's Polytechnic affiliated to M.S.B.T.E. Mumbai and approved by AICTE & Govt. of Maharashtra, has started in 1994. The Polytechnic offers seven approved courses leading to the award of the diploma in engineering. The major courses are accredited by NBA. The Student gets exposure to state of art infrastructure that includes more than 43 well equipped laboratories, Library enriched with latest teaching aids, internet facility to name a few. Recognition for our institute as a centre of academic excellence is a reflection of clear ideas, technical and scientific knowledge, sense of belonging, discipline and ability to work together.

VISION, MISSION

VISION

Achieve excellence in quality technical education by imparting knowledge, skills and abilities to build a better technocrat.

MISSION

- Empower the students by inculcating various technical and soft skills.
- Upgrade teaching-learning process and industry-institute interaction continuously.

REGISTRATION LINK

<https://forms.gle/bYaGyv9SiyBmcMA2A>



PROGRAM SCHEDULE

Day 1 :-
Session 1 :- Inauguration of program
Session 2 :- National Educational Policy by **Prof. Sathans.**
Session 3 :- LiDAR Technology by **Dr. Bharat Lohani.**

Day 2 :-
Session 1 :- Basics and Applications of Geospatial Technologies by **Dr. J.N.Patel**
Session 2 :- GNSS Technology for surveying and mapping **Dr. B.Nagarajan**
Session 3 :- Application of Geospatial Technologies urban and transportation planning by **Dr. Patel Chetankumar.**

Day 3 :-
Session 1 :- Application of Geospatial Technologies for flood mitigation by **Dr. P.G. Agnihotri.**
Session 2 :- Process of surveying with Total Station by **Mr. R. M. Deshpande.**
Session 3 :- Remote Sensing Applications and Photogrammetry by **Dr. Onkar Dikshit.**

Day 4 :-
Session 1 :- LiDAR system and their applications by **Dr. Manohar Yadav.**
Session 2 :- Advanced Surveying Techniques- EDM, Total Station, Photogrammetry by **Dr. Nisha Radhakrishnan.**
Session 3 :- Hands on demo for Model on Hec-Ras software by **Dr. P.B. Nangare.**

Day 5 :-
Session 1 :- GIS and Remote Sensing Application by **Dr. RAAJ Ramsankaran.**
Session 2 :- Application for GRACE for hydrology by **Mr. Sachin Bhare.**
Session 3 :- GNSS Technology and Applications by **Dr. Ramji Dwivedi.**

Day 6 :-
Session 1 :- Stress Management by **Mrs. Manjiri Kantak.**
Session 2 :- Terrestrial Water Storage Changes as observed by GRACE/GRACE-FO by **Dr. Vasav Tripathi.**
Session 3 :- Assessment test.
Session 4 :- Valedictory function.