DADI INSTITUTE OF ENGINEERING & TECHNOLOGY



(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

A NAAC Accredited Institute

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

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CIRCULAR

Anakapalle Dt:- 4-9-2017

Department of Civil Engineering is hereby informed that, in view of the feedback received from IV B.Tech. Civil students regarding skill enhancement and to improve the expertise of students to Total Station Survey, HOD is advised to depute a faculty from Civil to design and develop a suitable course structure in line with the basic skills which are essential for the surveyor to IV B.Tech. Civil students with over 30 working hours. Please ensure that this Add-on course helps them to Determine and evaluate accuracy and precision of GPS RTK and TLS methods. Make arrangements to deliver the course from next week onwards.

PRINCIPAL

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Yearkhaparmam, Andhra Praduck

Organization by

Department of CIVIL Engineering

A Two Week

(11-09-2017 to 23-09-2017)

Tenining Program on

"Total Station Survey"

About the Institute

Horizontal of Engineering & Technology is a top ranked Engineering and Management Ceilege affiliated to Jawaharlal Nebru Technological University, Kattinada the Institute is NAAC Accredited, ISO Certified and also associated with many probabilities in the field of Engineering, Technology and Management Is serious to promote the highest standards among the students and enable them to build a heat World Dadi Institute of Engineering &Technology is distinctive among materials of Eiglies Management Founded in 2006 by Sri Dadi Veerabhadra Rau, an anadomician and Connect Efficient on the first multicultural and on educational college in Anadographs and a subsetty only academically promising students.

About CIVIL Department

The Department of Civil Engineering was established in the year 2011, with all annual space of 60 students for B.Tech. Programe. Department also offers Diploms in Chil Engineering with an intake of 60 seats, which was established in the year 2013 be Chil Department is well equipped with spacious laboratories and experienced technicians. The department of Civil Engineering also offers various consultancy works. Apart from established, the students get indulged in laboratory experiments with various consultancy works and experiments.

About the course

From the can become cred engineer but to humans a good meregor they need special skills and digital surveying becomings. From scatter is our such instrument which has made narrow much suden and more friendly. It works on the principle of electronic distance management sections, busin skills are executed for the narrower for the good carrier are have given all impose managed for sections.

Department of Civil Engineering

Total Station Survey - Add On course

Course Instructor:

Mr M RVSG GUPTHA,
Assistant Professor, CIVIL Department
Dadi Institute of Engineering & Technology

Duration:

2 weeks: (11-09-2017 to 23-09-2017)

Overview & Need of the Course:

Every one can become civil engineer but to become a good surveyor they need special skills and digital surveying techniques. Total station is one such instrument which has made survey much easier and user friendly. it works on the principle of electronic distance measurement techniques. basic skills are essential for the surveyor for his good carrier. we have given all inputs required for self learning.

Objective of the Total Station survey:

Determine and evaluate precision of the reference network which can be served as a reference value for comparison with RTK and TLS

Determine and evaluate accuracy and precision of GPS RTK and TLS methods

Determine the cost (time expenditure) of the three methods

Compare results of the methods based on RMS and standard deviation analysis

Forward possible recommendations that can improve the precision and accuracy of the three measurement methods

Requirements

❖ Basic Knowledge on Leveling

* Basic Terminologies in surveying.

Course Contents

Chapter 1: Introduction Instrumentation Accuracy of a Total Station: Accuracy & Precision Total station can be used

Chapter 2 Accessories for Total Station Functions Performed By Total Stations

Chapter 3
Operation of Total Station
Remotely Operated Total Station (ROBOTIC)
Features Include:

Chapter 4 Applications of Total Station Uses of Total Station

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Course Completion Certificate

THIS CERTIFICATE IS GIVEN TO

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FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON TRAINING ON TOTAL STATION FROM 11-09-2017 TO 23-09-2017

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M RVSG Guptha Coordinator M-V-K R

Dr. M VENUGOPAL RAO Principal Deter.

Sri Dadi Ratnakar Chairman

VISAKHAPATNAM, ANDHRA PRADESH, DIET.EDU.IN

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STUDENT FEEDBACK FORM

Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would Your feedback is crincar to the includes to share your opinions with us so that we can serve you better.

Date Duration: 11-9-17 to 23-9-17 instructor Coordinates MR USGs Course Feedback Suggestions 1 The content was as described in Publicity Material 2. The program was helpful in practical enderstanding. *: year good selling * I will recommend this course workshop program to I learned new relevant conservators across our campus Technology. 4. The program was well placed within allotted time 5. The mistruitor was an effective communicator

Please setuen this form to the Course Instructor, Organizer, Coordinator at the end of the workshop/add-on course Training Program.



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Please return this form to the Course Instructor Organizer Coordinator at the end of the workshop; add-on course Training Program