

ABOUT THE INSTITUTE

Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda, West Bengal was established in 2010 by Ministry of Human Resource Development, Govt. of India under the mentorship of National Institute of Technology, Durgapur and in the memory of Sri A.B.A. Ghani Khan Choudhury who had contributed immensely to societal development of the region. Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda was established with the objective to create a multi-layered inter disciplinary and inter-sectorial efficient professional technical manpower to act as an international podium for the development and transfer of technical competence in academics. It is committed to provide best possible technical education from grass-root level to higher level and to cater to the specific needs of women, school dropouts and other disadvantaged sections of society by organizing a large no of short/long term skills orientation programmes for economic upliftment and inclusive growth of society. It was formulated that the Institute, besides catering to the needs of formal education would undertake the non-formal education to prepare the skilled and qualified manpower for self-employment. Further, the Institute would take up a strategic research and development activities, which along with entrepreneurship will help in extending the efforts of the Institute in imparting education to the unemployed and working population by updating and upgrading their technical skills. GKCIET is devoted to provide leadership, organizational expertise, technical assistance and the other resources required to meet the demand. The institute is at a distance of 10 km from Malda central railway station and 0.7 km from 34 No. National Highway. It is surrounded by green land and mango trees with beautiful landscapes.

PATRON

Prof. Parameswara Rao Alapati

Director, GKCIET

ORGANIZING COMMITTEE

Dr. Kiran Yarrakula

Associate Professor & HoD

Department of CE

Dr. Koushik Paul

Associate Professor, Department of CE

Mr. Haradhan Sarkar

Assistant Professor, Department of CE

Dr. Soumi Bhattacharyya

Assistant Professor, Department of CE

Dr. Poojari Yugendar

Assistant Professor, Department of CE

Mr. Pinak Ray

Assistant Professor, Department of CE

Mr. Koushik Pal

Senior Technical Assistant, Department of CE

Mr. Shahin Reza

Technical Assistant, Department of CE

Five-day Short Term Training Programme

on

Hands on Training on Total Station & Auto Level

From

28th November – 2nd December, 2022

Session 1: 10:00 AM to 01:00 PM

Session 2: 02:00 PM to 04:00 PM

Organized by



Department of Civil Engineering

Ghani Khan Choudhury Institute of Engineering and Technology

A Centrally Funded Technical Institute
Under Ministry of Education, Govt. of India
Narayanpur, Malda, West Bengal-732141

Website: www.gkciet.ac.in

ABOUT CIVIL ENGINEERING DEPARTMENT

Civil Engineering is a versatile branch that deals with the design, construction as well as maintenance of naturally and physically built environments. It is the branch with a lot of diversity from geotechnical sciences to structural engineering, environmental to hydraulics, transportation to hydrology. Civil Engineering Department has been functioning since 2013 as one of the primary Departments of the Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET). Presently the Department of Civil Engineering offers 3-year Diploma program in Civil Engineering. The course is delivered as a combination of lectures, tutorials, practices including industrial visits etc.

ABOUT THE PROGRAMME

Now a days, Total Station are extensively use for different surveying. Because for its accuracy, Speed & less manual documentation etc. The electronic instruments have enabled surveyors to collect and process survey data much more easily and to a higher precision which is not possible with traditional surveying instruments like theodolites and dumpy level. A total station is an all-in-one advanced surveying instrument that combines an electronic theodolite, an electromagnetic distance measurement (EDM) device and on-board software to convert the raw observed data to three dimensional coordinates. Thus with a total station, one can able to easily obtain the northing, easting and elevation of surveyed points which forms the fundamental data in preparation of contour maps, layout maps of buildings, roads, etc. The main objective of the training programme is to teach both theoretical concepts and to give practical hands-on training on total station and auto level, so that at the end of the program, the participants will be well able to handle various functions

in total station and auto level will be well prepared to use it for any kind of survey work in civil engineering.

PROGRAMME SCHEDULE

Day	Session	TOPICS
1	1	Basics of surveying, Introduction about total station,
	2	Setting up of the instrument and basic key functions
2	1	Understanding the concepts between reflecting and nonreflecting principles of total station
	2	Bench mark setting, contour survey
3	1	Horizontal & slope distance measurement
	2	Vertical distance and vertical angle measurement (direct & Indirect measurement)
4	1	Three dimensional coordinate measurement for preparation of layout maps and contours
	2	Setting out, stake out (layout, pile marking, column marking)
5	1	Downloading data and post processing of data.
	2	RL measurement, Profile & cross sectioning diagram with auto level

TARGET GROUP

Students (Diploma and above), Research Scholars, Working Professionals, and Faculty members.

VENUE

Block C, Civil Engineering Department, GKCIET Campus, Narayapur, Malda, West Bengal, 732141

REGISTRATION PROCESS

☞ **Registration Fee:** ₹ 500/-

☞ Use the below registration link:

<https://forms.gle/PVPVt7Bu9hLUv4jV9>

Account Details for payment

Beneficiary Name: Ghani Khan Choudhury Institute of Engineering and Technology

Account Number: 919010044132909

IFS Code: UTIB0003140

Bank Name: Axis Bank

Branch: Mangalbari, Malda

ACCOMODATION

Accommodation is available in the GKCIET campus on the payment basis.

HOW TO REACH US

Malda railway station is situated about 10 km away from the GKCIET campus. Autos are available round the clock there. Buses are also available from morning 6 AM to evening 6 PM.

CONTACT ADDRESS

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