

KRISHNASAMY COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University

Anand Nagar, Nellikuppam Main Road, Kumarapuram, Cuddalore – 607 109.

Phone no.(04142) 285 601- 604

www.kcet.in

info@kcet.in

DEPARTMENT OF CIVIL ENGINEERING

(Academic Year 2019-2020)

CIRCULAR

It is planned to conduct a value added course for IV year Civil Engineering students on the subject given below. Each module is scheduled from 10.03.2020 to 19.03.2020. The course plan, test procedure, attendance are followed as per regulation 2013 . It is highly advised that the students should attend all the sessions and get benefited of the course.

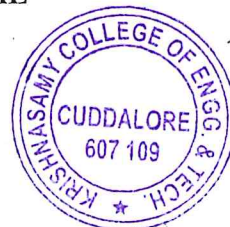
The syllabus for the same has been formulated and will be circulated to students. The eminent staff from our department is invited to give lectures on topics from syllabus.

S.No	Year	Code/Name of the subject	Duration in Hours	Subject Incharge
1	IV	CE-VAC1901/Computerized Land Survey using Total Station	10 DAYS	G.MOHANAVIZHIYAN Executive Director PRESTO INSTITUTE


HOD


9/3/2020
VICE PRINCIPAL


9/3/20
PRINCIPAL





PRESTO INSTITUTE

Land Survey & Construction Management

Affiliated to National Development Agency, Promoted by Govt. of India

Regd No. TN/7015

Ref : PLSI/12/2020-21

Date : 07 Feb 2020

To

The Principal & Head of the Department (Civil), Krishnasamy College of Engineering and Technology,
Anand Nagar, Nellikuppam Main Road, S.Kumarapuram, Cuddalore – 607109

Subject: Request for Approval to conduct the Computerized land Survey value added Course using TOTAL STATION on your College

Respected Sir/Madam,

At the outset we sincerely thank you for giving your valuable time during our visit to your institution.

We also appreciate the interest of your institution to provide Professional Training, workshops /

Seminars to the students at your college.

Presently the Construction industry is in want of Instant Skill set for the Sustainable Development of the Civil Engineering Sector. It's a need of the Hour to Transform the Academic Learning to Employment based Training for Enhancing the Potential capabilities of our young Dynamic Engineers.

We at "Presto Institute" provide an opportunity for the Civil Engineers to learn, employment-based Value added Certificate Courses by conducting on-campus workshops and seminars organized thru the Educational Institutions.

The Training module is well defined with the Perception of "Learn to Work" basis for the beginners to determine their potential Strengths on various specializations in the Construction field. The Training is imparted by the valuable knowledge of experts in the industry as Trainers.

We have enclosed the curriculum pattern proposed for the Training Course to be conducted at your institution along with our offer for your kind perusal.

For any further clarifications please contact us.

Thanking you,

With Regards

Executive Director
G.Mohanavizhiyan
Presto Institute
Salem-636 005.
6382195015.

(9384238137)



Submitted to the Chairman

The Presto Institute has accepted to conduct ^{per head.} course for Rs. 2,000/- and placement is assured for all students (23 Nov).

Payment procedure will be 60% after training and 40% after placement.

Bathu
9/3/2020

INNOVATE...

COLLABORATE...

EDUCATE...

No.94/2, Mariyamman Kovil St, Kasakaranoor..Sona College (Opp), Salem-636005

Helpline, 7598826898, E-mail, prestosurveyinstitute@gmail.com

prestoinstitutes@gmail.com | Website, prestoinstitute.net

9/3/20

Proposal for Value added program on Computerized land survey by using total station (5 days)

Day 1:

Introduction: Surveying Principles & Methods Various Opportunities for Survey Specialization.

Introduction about Station + B.S, Resection, EDM Concepts

MLM (Missing Line Measurement)

REM (Remote Elevation Measurement)

Area Calculation

Day 2:

Construction Marking

- Earth work Marking
- Footing Marking
- Column Marking
- Plinth beam Marking
- Roof beam Marking
- Slab Marking, Road Marking
- Drainage Marking
- compound Marking

Day 3:

Topographic and Contour Survey Data Collecting

Traversing Survey Polo rise, Arc Stakeout

Day 4:

1. GPS Concept
2. GIS Concept
3. Auto level taking & level Marking

Day 5:

Upload/ Download & Drawing, Map Creation.

Drawings:

- Topo Drawing
- Contour Drawing
- Road Drawing
- As built Drawing
- Construction Co-ordinate Survey Drawing

Residential, Commercial, Industrial & Infrastructure Sector, Projects Survey Work, all the Sectors prepare Drawing.



Offering Intermediate Certification Course on Construction Management

Course Module

Curriculum Pattern

Execution of Construction Activities (Site Engineer)

- Different Types of Structures
- Drawing Study & Engineering inputs
- Project Execution Plan
- Sequence of work & Construction Methodology
- Detailed Construction Schedule
- Working out Resource Requirement
- Site Logist Plan

Project Planning & Scheduling (Planning Engineer)

- Understanding the Project Planning Construction & Scope of Work
- Sequence of Constructions
- Time Planning- Monster Construction Program in MS Project
- Resource Planning-Men, Material& Machinery
- Cost Planning- Zero Cost & Budget

Quantity Survey & Estimation (Billing Engineer)

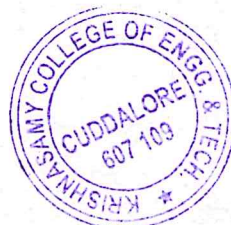
- Reading of Construction Drawing
- Working Out Detailed Measurement Using Auto Cad
- Learning the method of Measurement as per IS Cod
- Preparation of Bar Bending Schedules for Reinforcement work
- Working out Cost Estimation for BOQ items

Quality Assurance & Quality control QA/QC- (Engineer)

- Project Quality Pan & Process Flow Matrix
- Quality Requirements to Meet out the Students & Specifications
- Material Quality Testing Parameters
- Laboratory Testing Methods & Procedures
- Construction Methodology & Project Execution plan
- Quality Checks & Control Systems
- Checklist & Documentation

Terms & Conditions

- Seminar Fee Details for Survey: Rs 900 Per Students (3 Days), Rs 1200 per students (5 Days) -13
- Seminar Fee Details for Construction Management: Rs 2800 Per Students (10 Days) - 10
- The College shall arrange the Seminar hall to accommodate all Students at a time with the Computer, Projector, Mike & Audio Systems arrangements.
- Food & Accommodation shall be arranged for the Training Faculties.
- At the end of program "PRESTO INSTITUTE" Will provide Certificate to the participated students.





PRESTO INSTITUTE

Land Survey & Construction Management

Affiliated to National Development Agency, Promoted by Govt. of India

Regd No. TN/7015

Invoice

No: PLSI-5-2020-21

Date: 09.03.2020

Invoice To: Krishnasamy College of Engineering and Technology Cuddalore

The Principal / HOD Civil,

Invoice Details:-

S.No	Particulars	No of Students	Rate
01	Towards Charges For Modern surveying Using Total Station & Construction Management Duration of 8 Days Program	Per student	2000

Total Station

Introduction: Surveying Principles & Methods Various Opportunities for Survey Specialization.

Introduction about Station + B.S, Resection, EDM Concepts

MLM (Missing Line Measurement) REM

(Remote Elevation Measurement) Area

Calculation

- Earth work Marking
- Footing Marking
- Column Marking
- Plinth beam Marking
- Roof beam Marking
- Slab Marking, Road Marking
- Drainage Marking
- compound Marking

Topographic and Contour Survey Data Collecting

Traversing Survey Polo rise, Arc Stakeout

Upload/ Download & Drawing, Map Creation.

Drawings:

- Topo Drawing
- Contour Drawing
- Road Drawing
- As built Drawing
- Construction Co-ordinate Survey Drawing

2. GPS Concept
3. GIS Concept
4. Auto level taking & level Marking

Construction Management

Offering Intermediate Certification Course on Construction Management

Course Module

Curriculum Pattern

Execution of Construction Activities (Site Engineer)

- Different Types of Structures
- Drawing Study & Engineering inputs
- Project Execution Plan
- Sequence of work & Construction Methodology
- Detailed Construction Schedule
- Working out Resource Requirement
- Site Logist Plan

Project Planning & Scheduling (Planning Engineer)

- Understanding the Project Planning Construction & Scope of Work
- Sequence of Constructions
- Time Planning- Monster Construction Program in MS Project
- Resource Planning-Men, Material& Machinery
- Cost Planning- Zero Cost & Budget

Quantity Survey & Estimation (Billing Engineer)

- Reading of Construction Drawing
- Working Out Detailed Measurement Using Auto Cad
- Learning the method of Measurement as per IS Cod
- Preparation of Bar Bending Schedules for Reinforcementwork
- Working out Cost Estimation for BOQ items

Terms & Conditions,

1. After Course Completion 60% to be pay
2. After Placement 40%

With Regards,



G MOHANAVIZHIYAN
Executive Director
PRESTO INSTITUTE



INNOVATE...

COLLABORATE...

EDUCATE...

No.94/2, Mariyamman Kovil St, Kasakaranoor, Sona College (Opp), Salem-636005

Helpline. 7598826898. E-mail. prestosurveyinstitute@gmail.com

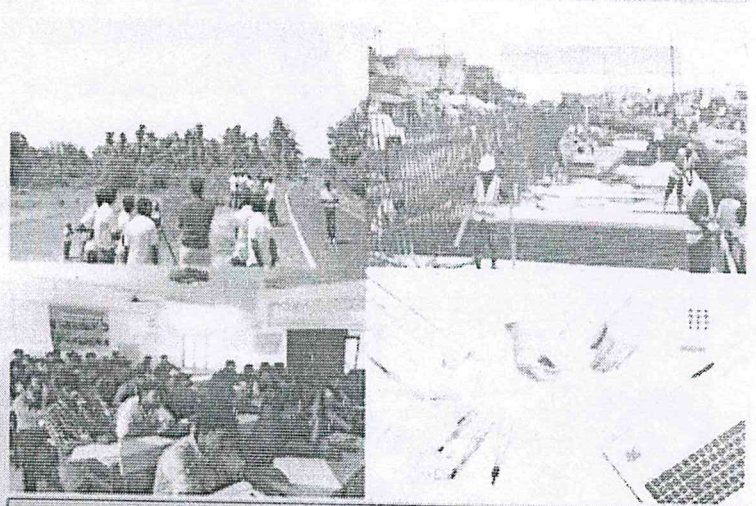
prestoinstitutes@gmail.com | Website. prestoinstitute.net

Some of Placement Photos



PRESTO INSTITUTE
 Land Survey & Construction Management
 Affiliated National Development Agency
 Promoted by Government of India
 Regd No: TN / 7015
 LEARN TO LEAD

Reducing Unemployment to Develop the Nation
 Supporting for Engineering of Accuracy



INNOVATE... COLLABORATE... EDUCATE...

No: 94/2, Mariyamman Kovil Street, Kasakeranoor, Sona College Opposite, Salem 636 004
 Helpline 7598826898, 6382195015
 Email- prestosurveyinstitute@gmail.com | prestoinstitutes@gmail.com

DIGITAL LAND SURVEY WORKSHOP PROGRAM
 (DURATION - 5 DAYS)

SYLLABUS FOR DIPLOMA & B.E CIVIL PURSUING CANDIDATES

- 1. Day One :-**
 Introduction: Surveying Principles & methods of Various Opportunities for Survey Specialization, Introduction about Station + B.S, Resection, Stake out, EDM Concepts.
- 2. Day Two :-**
 Missing Line Measurement Concepts
 Remote Elevation Measurement Concepts
 Line Stakeout Concepts
 Area calculation, Polarise, Arc Stakeout
- 3. Day Three:-**
 Residential, Commercial, Industrial & Infrastructure Sector Projects Survey Work, all the sectors Prepare Drawings
- 4. Day Four:-**
 Topographic and Contour, Traversing Survey
 Construction Marking
 1. Earthwork Marking
 2. P.C.C Marking
 3. Footing Marking
 4. Column Marking
 5. Plinth Beam Marking
- 5. Day Five:-**
 Drawing
 1. Topo Drawing
 2. Contour Drawing
 3. Asbuilt Drawing
 4. Road Drawing
 Upload / Download & Drawings, Maps Creation, Documentation, File / Malutain.

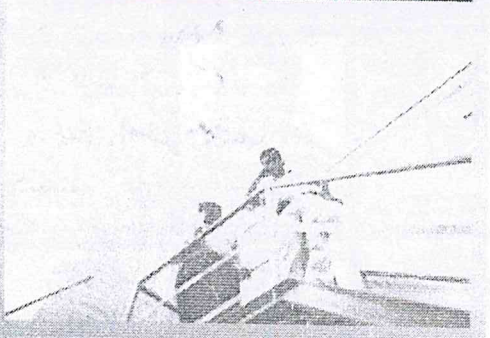
உடல் பொறிப்பாளர்கள் மேம்படுத்தப்படும் வகை தெரிந்துகொள்வது பற்றி மற்றும் வேண்டி வாய்ப்பு தெரிந்துகொள்வது பற்றி வகுப்புகள் சித்தப்படுத்தப்படும். தகவல்களுக்கு வலதுபுறக்கோலை வலை மூலம் அல்லது மொபைல் மூலம் தொடர்பில் தொடர்பாக உடனடிப்படுத்தும்

- Site Engineer**
- ✓ Different Types of Structures
 - ✓ Drawing Study & Engineering inputs
 - ✓ Project Execution Plan
 - ✓ Sequence of work
 - ✓ Detailed Construction Schedule
 - ✓ Working out Resource Requirement
- Planning Engineer**
- ✓ Understanding the Project Planning Construction & Scope of Work
 - ✓ Sequence of Constructions
 - ✓ Time Planning - Master Construction Program in MS Project
 - ✓ Resource Planning - Men, Material & Machinery
 - ✓ Cost Planning - Zero Cost & Budget
- Quantity Survey & Estimation (Billing Engineers)**
- ✓ Reading of Construction Drawing
 - ✓ Working Out Detailed Measurement Using Auto Cad
 - ✓ Learning the method of Measurement as per IS Code
 - ✓ Preparation of Bar Bending Schedule for Reinforcement work
 - ✓ Working out Cost Estimation for Bidding Items
- Quality Assurance & Quality control (I.A.C. Engineers)**
- ✓ Project Quality Plan & Process Flow Chart
 - ✓ Quality Requirements to meet out the Analysis & Specifications
 - ✓ Material Quality Testing Parameters
 - ✓ Laboratory Testing Methods & Procedures
 - ✓ Construction Methodology & Project Execution plan
 - ✓ Quality Check & Control Systems
 - ✓ Checklist & Documentation

HIGHLY DEMANDING TRADE COURSE IN GULF COUNTRY & INDIA
LEARN ADVANCE SURVEYING USING TOTAL STATION & GPS | GIS COURSES
 THE BEST SURVEY INSTITUTE IN SALEM, TAMIL NADU
 Survey Training will be given by world tallest building
 BURJ KHALIFA (828m) Chief Surveyor

The Professional Team

- G Mohanavishayan (Qualification: Bachelor)
- R. Raguathan B.E. (38 Year Experience)
- S. Arugiyaraj B.E. (18 Years Experience)
- S. Srinivasan M.E. (Doing Phd in Surveying)
- R. Sambath B.E. (13 Years Experience)
- R. Hari Babu, HR & Placement
- P. Raja M.E. (3 Years Experience)



All the Construction Sectors Internship Training Program Will be Provide by PRESTO

CONSTRUCTION

SURVEY

Residential	Commercial	Industrial	Infrastructure
Building	Streets, roads	Factory's	Roads & Bridges, Reservoir
High Rise	Hydro, Agricultural	Power Sector	Rail ways

Bridging the GAP between Academy & Construction

PRESTO INSTITUTE

Construction Industry





PRESTO ENGINEERING SERVICE

Land Survey & Construction Management

Approved by National Development Agency, Promoted by Govt. of India

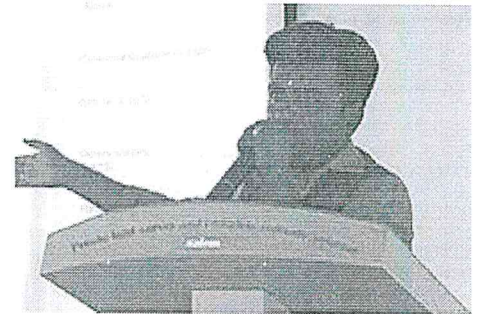
Regd No. TN/7015

We would like to introduce ourselves as PRESTO INSTITUTE from Salem. And we have Conducting Land Survey & Construction Management Value Added programs, Technical Seminars & Workshops in more than 100 Engineering Colleges and Diploma Institute across Tamil Nadu. And handling land survey project in Tamil Nadu.

About our Executive Director G.Mohanavizhiyan is one-of-the Chief Surveyor for **Burj Khalifa Building** 828 M height (World tallest Building in Dubai) and 14 year experience in Land Survey.

PROFILE

About Our Presto Land Survey Head and Sr. Trainer
G.Mohanavizhiyan Executive Director



As Per the Discussion, I Have Send Detail about Our Executive Director **G.Mohanavizhiyan** Is One-Of-The Chief Surveyor for Burj Khalifa Building 828 M Height (World Tallest Building in Dubai) and 14 Year Experience In Land Survey)

Employment:

SMCC Construction India Ltd

(Sumitomo Mitsui Construction Co, Japan)
[India Yamaha Motors Project & Vender Park (178 Acres)]
(Vallam – Vadagal, Chennai Tamil Nadu)
Working As a Survey Coordinator from Sep 2012 to Jan 16

Employment:

Simplex Infrastructures Limited

[Reliance Hyper mall Project, Salem, Tamil Nadu]
Working As a Survey Engineer from Sep'11 to Aug'12

Employment:

Consolidated Construction Consortium Limited
[Bangalore Regional Office, Karnataka]
Working As A Survey Coordinator for 15 Projects (Includes Industrial, Residential, And Temple & Institutions) From June'10 to Sep'11

Employment : Eversendai Engineering W.L.L

[State Of Qatar]
Convention Centre Extension & Link Bridge to Qstp (Qatar Foundation & Qatar Petroleum)
Survey Engineer of Eversendai Engineering W.L.L since 28.06.2009 to 05-03-2010

Employment :

Eversendai Engineering Fze
[Dubai, United Arab Emirates]

Dubai Mall Project (World's Largest Shopping Mall)
The Burj Kalifa (World Highest Tower 828m)

Survey Engineer of Eversendai Engineering Fze – (07-01-2007 to 27-06-2009)



INNOVATE...

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EDUCATE...

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PRESTO INSTITUTE

Land Survey & Construction Management

Affiliated to National Development Agency, Promoted by Govt. of India

Regd No. TN/7015

No: PLSI 12/2020-2021

Invoice

19/3/20 Date: 19.03.2020

Invoice To:

The Principal,
Krishnasamy College of Engineering & Technology,
Cuddalore- 607109.

Invoice Details:-

S.No	Particulars	No of Students	Rate	Amount in Rs
01	Towards Charges For Duration of (10 March 2020 to 19 March 2019) Land Survey & Construction Managment Value Added Program conducted in 10 Days	23	2000	46000/-
02				
03				
	Grand Total			46000/-

(Rupees Fourty Six Thousand Rupees Only)

*Taxes Extra as Applicable.

As We Discussed on March 2020

Terms & Conditions:-

1. After Course Completion 60% to be pay (Rs -27600)
2. After Placement 40 % (Rs -18400)



Thank you,
with Regards,

G MOHANA VIZHIYAN
Executive Director
PRESTO INSTITUTE

Innovate...

Collaborate...

Educate...

No. 94/2, Mariyamman kovil st, Kasakaranoor, sona College (opp), Salem -636 004.

Helpline: 75988 26898.

E-mail: prestosurveyinstitute@gmail.com | Website: www.prestoanstitute.net