

# **PERI Institute of Technology**

**Academic Year 2018 – 2019 (Odd Semester)**

Department of Civil Engineering

**PERI / 18– 19 / Odd / VA / 001**

**Date: 11.10.2018**

## **CIRCULAR**

All the students are hereby informed that Our department is going to organize three days Hands on training in “**Total Station**” from 18<sup>th</sup> Oct 2018 to 20<sup>th</sup> Oct 2018. The intension of this Training is that our students should enhance the practical training in the field work. So all students to ensure their presence on time.

We hope that the training will enhance your knowledge and Academic performance.

Resource Person : Mr.Augustine Abraham  
Managing Director,  
SPACE CADD Designers and Constructions,  
Tambaram

Venue : Peri Campus

Time : 9.00 a.m to 4.30 p.m



**HOD**

CC : **Vice-Principal/HOD/CIVIL**

# PERI

INSTITUTE OF TECHNOLOGY

Date: 21.08.2017

**To**

The Managing Director,  
ALG International Institute of Technology,  
Neelankarai,  
Chennai

**From**

The Principal  
PERI Institute of Technology,  
Mannivakkam-48

**Sub:** Invitation to be a resource person for Three days Hands on Training on “**Total Station**” from 18<sup>th</sup>Oct 2018 to 20<sup>th</sup> Oct 2018, – reg

**Respected Sir,**

Greetings from PERI Institute of Technology! we are pleased to invite you be a Resource person in hands on training on “**Total Station**” from 18<sup>th</sup>Oct 2018 to 20<sup>th</sup> Oct 2018, Your expertise in the field of Survey Instruments will be providing new insights and solutions to accelerate innovation and research for the participants. Its an honor to be able to invite you be a part of the event.

Thank you for your consideration.Waiting to hear from you.

Thanking You,

  
**Convener**

  
Name and Signature with seal of  
of the Institution  
PRINCIPAL  
PERI INSTITUTE OF TECHNOLOGY

PERI INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING  
PADS - 2017

| S.No | Name                 | College Name                 | 13.7.17 |    | 14.7.17 |    | 15.7.17 |    |
|------|----------------------|------------------------------|---------|----|---------|----|---------|----|
|      |                      |                              | FN      | AN | FN      | AN | FN      | AN |
| 1.   | M. Vidhyalakshmi     | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 2.   | G. Hemalatha         | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 3.   | V. Vasu              | PERI INSTITUTE OF TECH       | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 4.   | J. SARANYA           | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 5.   | J. Esther Metilda    | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 6.   | F. Sivasakanya       | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 7.   | H. Pavithra          | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 8.   | R.A. Jasima          | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 9.   | R. Leena Priya       | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 10.  | S. Pooani Roja       | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 11.  | R. Akumth            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 12.  | HENSON BERNALD S     | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 13.  | T. DILIP KUMAR       | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 14.  | S. KAMESHWAR         | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 15.  | J. KALEEL            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 16.  | K. BALAJI            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 17.  | S. Henishi           | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 18.  | M. Vardhan Venkatesh | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 19.  | K. Bathya Barasa     | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 20.  | M. Jaykranti         | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 21.  | M. S. Kharanam       | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 22.  | M. VEW               | Peri Institute of Technology | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 23.  | G. Krishna Selvi     | Peri Institute of Technology | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 24.  | Sadarn Hussain       | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 25.  | TAN Sathwanan E      | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 26.  | T. Sivaraman         | PERI INSTITUTE OF TECHNOLOGY | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 27.  | P. THARUN KUMAR      | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 28.  | Akash Kumay S        | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 29.  | Krishnamoorthy R     | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 30.  | Neelamegan           | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 31.  | MOHAMED BUHARI S     | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 32.  | VIGNESHWARAN P       | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 33.  | VIGNESH N            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 34.  | DEEPAK V             | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 35.  | VISHAK RENDHARAJ K   | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 36.  | ARYINDH B            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 37.  | Sathish P            | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |
| 38.  | Sam Surya S          | "                            | ✓       | ✓  | ✓       | ✓  | ✓       | ✓  |

# REPORT ON TOTAL STATION

The survey camp was conducted for the students of III Year Civil Engineering students for a period of 3 days from 18.10.18 to 20.10.18. Various experiments were conducted pertaining to the syllabus as per Anna University Regulation 2013 and the students were benefitted by conducting experiments.



Implementation of the knowledge obtained through the curriculum by studying various topics were done by carrying out the experiments in real-time scenario.

The theoretical background, methods of carrying out the experiments and its practical applications in field using Total station was rendered and delivered to the students by trained professionals from **ALG Institute of Technology** who graciously accepted our request to teach our students in this regard.

## Day 1:

The introduction on ALG International Institute of technology and their services were briefly given to the students by Mr. G. Christyan and Mr. D. David Blessington. The session included paper presentation about Surveying and Equipments.

Prologue on **Total station survey** about its parts, functions and operations were dealt during the session which included details about Total station instrument setup and levelling, plotting the points on the surface by individual and team, capturing the prismatic level points these are the practices done on this day.

## Day 2:

Crosssection and longitudinal section on ground surface were conducted.

Calculation of area by triangulation method and find out the Stake out points in the field (missing points) were done.

## Day 3:

Fly leveling and Grid counteracting session and importing and exporting the points from total station to computer software (AutoCAD) were discussed during third day of survey camp.

Calculating the height of the building and offset marking with basic column markings were the key points pondered through this experiment.





On behalf of the students and staff members of Civil Department, we hereby extend our sincere gratitude to the management, our COO, the Principal of our Institution for giving us the opportunity to conduct the survey camp in our college premises.

We extend our immense gratitude to our beloved Head of the Department, Mr. B. Magesh, for accepting our request and granting us the permission to conduct the camp during the requested period.



3. Additional comments and suggestion for future.

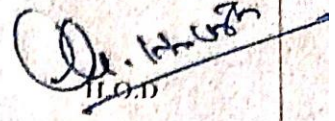
It is very useful and informative one



Signature of the student



Event convener



Please return this form to the instructor or organizer at the end of the event.

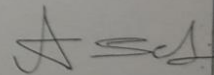
\*\*\*\*\* THANK YOU! \*\*\*\*\*



## CERTIFICATE

We hereby certify that Mr/Ms S. RAM PRASATH  
from Department of Civil Engineering, PERI Institute of  
Technology, Chennai has successfully completed a short term course on  
TOTAL STATION TRAINING PROGRAM conducted by  
ALG INTERNATIONAL INSTITUTE OF TECHNOLOGY from 18/10/2018 to 20/10/2018.

ALG INTERNATIONAL INSTITUTE  
OF TECHNOLOGY  
No.6,5th South Cross Street,Kapilashwaram Nagar,  
Neelankarai,Chennai-600 041.

  
Institutional Head  
ALG International