



DEPARTMENT OF CIVIL ENGINEERING
ONE DAY WORKSHOP ON
“FUNDAMENTAL SURVEYING & TOTAL STATION”

Venue: CHERA HALL, Kings College of Engineering

Date: 16.02.2018

BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “FUNDAMENTAL SURVEYING & TOTAL STATION” for diploma civil students on 16.02.2018. It aims to provide a platform for the diploma students to acquire basic knowledge about surveying and total station. The workshop also focuses to carry out practical sessions in site marking and to extend hands-on experience in total station.

INAUGURAL SESSION

The workshop was inaugurated by the Principal, Dr.J.Arputha Vijaya Selvi. As every function starts in a auspicious way, the workshop was inaugurated with the prayer song. As many as 209 participants from various polytechnic colleges participated in the workshop. The welcome address was given by Selvi.C.G.Nithya, of third year Civil Engineering. She welcomed the Dignitaries on the dais, faculty members and the students from various polytechnic colleges across the state. She also added that she is very much delighted to see more external participants from various reputed institutions.



Inaugural Session

HONOURING SESSION

The chief guest was felicitated by shawl and memento as sign of remembrance by Prof.Dr.R.Saravanan, HOD/Civil and Mrs.R.Revathi, AP/Civil.



Felicitating the Principal

PRESIDENTIAL ADDRESS

Dr.J.Arputha Vijaya Selvi, Principal graced the occasion as chief guest and delivered the presidential address. In her address, she elucidated the rising technology and various opportunities in civil Engineering field. She also insisted that the possibility is in every hand, the students have to make use of those various opportunities for their career. She also briefed the importance of Civil Engineering in various aspects. Finally while concluding, she encouraged the participants to make use of the college infra structure during the practical sessions.



Principal addressing the audience

SESSION I

The Session I was handled by Mr.K.Arun, AP/Civil. He presented about the Fundamental surveying and factors to be known by a Civil Engineering in construction site. He also detailed about measurements and Unit conversions. He also narrated the diagonal and right angle checking methods using thumb rule. Finally he finished the session by highlighting basic construction vastu for drawing plans.



Session I handled by Mr.K.Arun.AP/Civil

SESSION II

The Session II was handled by Mrs.R.Revathi, AP/Civil. She presented about the site marking as per the drawing. First she explained the aspects of site marking in white board, and after that she accompanied the participants to the site and handled practical sessions on site marking. A residential plan with centre line drawing was issued in the workshop kit. She briefed about the plan marking to be carried over at the site.



Session II handled by Mrs.R.Revathi, AP/Civil

SESSION III

Session III was practically handled in the site. Students were provided a residential plan with centre line drawing. With the help of Pegs, Tape and line powder participants marked the plan in the site and their doubts were clarified.



Session III - Practical Session on Site Marking

SESSION IV

The Session IV was handled by Mr.R.Sundharam, AP/Civil. He presented about the Total station and its functions. He briefed about the working principle behind total station and also stated the various uses of total station. With latest technologies the total station will play a major role in surveying and construction industry. Hence he insisted the participants to gain enough knowledge on total station. After that he guided the students to the site and handled practical session using total station. Students were given small assignments like horizontal measurement and area calculation using total station.



Session IV handled by Mr.R.Sundharam, AP/Civil

VALEDICTORY SESSION

The valedictory session was conducted in the evening which was graced by the Vice Principal Dr.S.Sivakumar. The session started with the sparkling speech from Vice Principal, who highlighted the civil engineering career opportunities. Next was the feedback session, in which the external participants gave their valuable feedbacks. Finally the participants were awarded with a certificate as a appreciation of their efforts during the workshop. The Symposium ended with a vote of thanks delivered by Selvan.S.Vasanth of third Year Civil Engineering who expressed his sincere thanks to the delegates for spending their precious time for the occasion. He heartily thanked the Management, Principal, all the faculty & Staff members and the students. He also lauded the participants for their passionate efforts with which they carried out the marvellous task of making the workshop a grand success.



Certificate Distribution in the Valedictory Session

SOME CHERISHING MOMENTS....



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SOME CHERISHING MOMENTS....



S. Anand
26/2/18
WORKSHOP COORDINATOR

S. S. Sankaranarayanan
26/2/18
HOD/CIVIL

J. Doranathan
26/2/18
PRINCIPAL