



SREE DATTHA INSTITUTE OF ENGINEERING AND SCIENCE, HYDERABAD

DEPARTMENT OF CIVIL ENGINEERING



EDITORIAL BOARD

Mr. M Prudhvi Raj,
Assistant Professor.

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DEPARTMENT OF CIVIL ENGINEERING PROFILE

The department of **Civil Engineering** is one of the most important departments of **Sree Dattha Institute of Engineering and Science**. This department was established in the year 2001 and is presently offering Bachelor's Degree in Civil Engineering. The present intake for the Bachelor's program is 120 students. The department carries out a periodic review of its curricula to ensure concurrency and keep abreast with latest technologies and developments in science and technology.

LATEST TRENDS

HYDERABAD METRO - AMEERPET TO HITEC CITY

Metro Rail has been instrumental in changing the face of Hyderabad, a city that has emerged as a key information for technology and manufacturing market in India. Apart from enhancing the connectivity quotient of the city, Phase III of Hyderabad Metro Rail (HMR) has become operational connecting two important areas of the city, Ameerpet and Hitec City.

The 10-km stretch on the Blue Line which was flagged off by Governor of Andhra Pradesh and Telangana ESL Narasimhan, will have 9 stations: Ameerpet, Madhura Nagar, Yusufguda, Jubilee Hills Road No. 5, Jubilee Hills Checkpost, Peddamma Temple, Madhapur, Durgam Cheruvu, Hitec City. The 56 Km length of metro is operational. It has now become India's second largest Metro Rail network, next to Delhi. The actual project which is being developed at a cost of Rs.18,800 crore spans 72 Km and has 3 corridors.

HMR services from Ameerpet to Hitec City will be flagged off on 20th March 2019 at around 9:15 a.m. In April 2019, K. T. Rama Rao said that 200 Km (120 mi) of metro rail was planned for Hyderabad. All metro corridors are scheduled to terminate at Shamshabad near Rajiv Gandhi International Airport, as planned in HMR.

FRESHERS WELCOME PARTY

Continuing the proud tradition of the college, senior students and newcomers of the college mingled with each other at the freshers welcome party held on 31 August, 2019 in the college. The event was inaugurated by Our Chairman Sri G. Panduranga Reddy Garu, hosted by Vice Chairman Sri G N V Vibhav Reddy Garu and Director Dr. Md. Sameeruddin Khan Garu.

It was a joy filled morning at which the freshers got an opportunity not only to showcase their talents but also to interact with the seniors. Soon after the inauguration, the program started with the speeches of dignitaries followed by prize distribution to the students who topped the State Board as well as their branch where some of the speeches seemed to be inspirational.

Prize distribution was followed by many dance performances and skits by both freshers and seniors. Finally, the party ended with a message to all the beginners that “A college degree is not a sign that one is a finished product but an indication a person is prepared for life”.



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**CHAIRMAN SRI
G. PANDURANGA
REDDY GARU
ADDRESSING THE
GATHERING AT
FRESHERS 2019**

INDEPENDENCE DAY CELEBRATIONS 2019

Sree Dattha Institutions have celebrated the 72nd Independence Day on August 15th in the college campus. Honorable Dignitaries G. Panduranga Reddy Garu, G.N.V Vibhav Reddy Garu, Director Professor Md. Sameeruddin Khan Garu, Dr. S.A. Srinivas Garu, Principal of Sree Dattha Institute of Pharmacy, all the staff members and the students have attended the program to pay their awe and respect to the nation. The Program was inaugurated by singing the national song “Vande Mataram” followed by Flag hoisting by Sri. G. Panduranga Reddy Garu.

WORKSHOP ON STAAD PRO - MULTI STOREY BUILDING DESIGN

Two days National level workshop on "Designing of Tall Buildings using STAAD Pro" jointly organised by Civil Department and ITC - IIT Bombay.

STAAD Pro is Structural Analysis software which can be used for analysis of structural members of the structure. It's mostly used to execute the structural elements like columns, beams, walls, slabs on the basis of loads, moments, shear forces, torsional effects, bending moments, deflection etc.



**STAAD PRO WORKSHOP ON
MULTI-STOREY BUILDING
DESIGN**

USER LEVEL WORKSHOP ON AUTOCAD

Sree Dattha Group of Educational Institutions initiated a "AutoCAD User Level Workshop" as a part of Skill Development Initiative from 29/11/2018 to 1/12/2018 where Mrs. M. Rajitha Reddy, Trainer from TASK (Telangana Academy For Skill & Knowledge) has visited campus and delivered a Workshop on "AutoCAD User Level Training" to Diploma final year Mech & Civil Streams and students actively interacted and clarified the doubts and queries with Expert Speaker and finally, the event was a grand success.



WORKSHOP ON AUTOCAD

TECHNICAL VISIT TO COMPOSITE BUILDING

B. Tech IV Year students were taken to technical visit to composite building located at Film Nagar, Jubilee Hills. This is the first building of its kind being built in Hyderabad. The underground work is in concrete where as the super structure is of prefabricated steel.



STUDENTS VISITING THE COMPOSITE BUILDING

GUEST LECTURE ON CONCEPT OF REMOTE SENSING & GIS

Guest lecture on "Concept of Remote Sensing & GIS" by Mr. Mohammad Faiz Contractor, PRE & PWD circle was organized by Civil Engineering Department on 20/08/18.

Remote sensing is the science of obtaining information about objects or areas from a distance, typically from aircraft or satellites. A LIDAR (Light Detection and Ranging) image created with data collected by NOAA's National Geodetic Survey. These sensors can be on satellites or mounted on aircraft.



THE LECTURE WAS DELIVERED BY MR. MOHAMMED ON REMOTE SENSING AND GIS

HIGHER EDUCATION OPPORTUNITIES

Sree Dattha Group of Educational Institutions initiated a Seminar regarding "Higher Education Opportunities - Abroad" as a part of Career Guidance Initiative on 05/11/2018 where Mr. K H Vasudev, Regional Manager from Manya Princeton Review has visited campus and delivered a lecture on "Higher Education Opportunities - Abroad" to B.Tech Stream and students actively interacted and clarified the doubts and queries with expert speaker and finally the event was a grand success.



THE LECTURE HAS BEEN DELIVERED BY MR. VASUDEV, REGIONAL MANAGER.

GUEST LECTURE ON ADVANCED TECHNIQUE IN LIQUEFACTION

Guest lecture on "Advanced Technique in Liquefaction" by Mr. Hameed, Quality Control Engineer, Hyderabad was organized by Civil Engineering Department on 20-08-2019.

Soil liquefaction occurs when a saturated or partially saturated soil substantially loses strength and stiffness in response to an applied stress such as shaking during an earthquake or other sudden change in stress condition, in which material that is ordinarily a solid behaves like a liquid.



GUEST LECTURE DELIVERED BY MR.MD.HAMEED

ASHOKA BUILDERS AND DEVELOPERS LIMITED

Objectives:

Students were given a month schedule in which they learnt different field works. Some of them are:

- Supervisor skills in construction & safety.
- Land surveying.
- Quantity survey & Contract Management and Electronic Total Station.
- Plumbing and Sanitation and Estimation & costing (Roads, Culverts & Bridges). Masonry, Form work, Carpentry, Bar bending and Storekeeper.



REINFORCEMENT OF RESIDENTIAL BUILDING

INTERNSHIP AT CONSTRUCTION OF GRADE SEPERATORS LB NAGAR VEHICULAR UNDERPASS - BSCPL

Civil Engineering Department students had done an internship at BSCPL. Students had a great experience and have come up with good field experience. This internship program was very helpful to students emerging good Civil Engineering basic knowledge and good teamwork. The program commenced from 25/07/2018 to 08/08/2018.



STUDENTS BEING AWARDED CERTIFICATES FOR THE INTERNSHIP PROGRAMME



PLASTERING WORK DONE BY STUDENTS

INDUSTRIAL VISIT TO KALESHWARAM PROJECT

The Kaleshwaram Lift Irrigation Project, to harness the flood waters of the Godavari, is aimed at making Telangana drought - proof. The Rs. 80,500-crore engineering marvel is not only unique in terms of design, but also in size and scope. Waters of Godavari will be tapped by reverse pumping and storage, thereby facilitating agriculture on over 38 lakh acres, includes creating about 18 lakh acres of new ayacut, helping rejuvenate thousands of tanks, providing water for industries and supplying drinking water including to Hyderabad and Secunderabad by creating a series of storage tanks and a network of pipelines.



STUDENTS AT KALESHWARAM PROJECT

JNTUH - NSS CELL WORLD AIDS DAY 2018

JNTUH – NSS Cell organized “World AIDS Day” on 01/12/2018 at People's Plaza, Necklace Road, Hyderabad to spread the awareness on HIV prevention, treatment & support and totally 9 students, 3 Faculties of Sree Dattha Group of Educational Institutions (SDES / SDGI / SDIP) actively participated in 2 km Walk and we have taken the pledge to spread and provide awareness to the people and finally the event was grand success.



STUDENTS TAKING PART IN 10K RUN ON WORLD AIDS DAY ORGANISED BY JNTUH - NSS CELL

FESTEMBER 2018

Student wing of Sree Dattha Group of Institutions presents you ", Festember", a unique and engaging festival organized by Student Clubs to bring out the best of the talents and interact. This was a never before event and will truly set the standards for all the events that follow.



THE OFFICIAL POSTER OF FESTEMBER 2K18



SREE DATTHA GROUP OF EDUCATIONAL INSTITUTIONS (SDES/SDGI/SDIP) PARTICIPATING IN 2KM WALK

VOLUNTARY WORK THRU SMART INFRA - EST

Students of Civil Engineering department participated voluntarily in SHOW (Save Hyderabad On Wheels). An initiative by Smart Infra-Est to survey vast and major roads in Hyderabad. The report was submitted to GHMC officials.



STUDENTS OF CIVIL ENGINEERING PARTICIPATING IN THE EVENT



STUDENTS PARTICIPATING IN THE SURVEYING PROGRAM AT THE EVENT

CIVIL ENGINEERING STUDENTS IN SPORTS

Students of Civil Engineering department are members of the college cricket, football and volleyball teams. Sree Dattha Polytechnic students are the winners of Volleyball competition of District Level Inter Polytechnic Sports and Games Meet-2018 held at Samskruthi Engineering college conducted by State Board of Technical Education and Training (SBTET).

Students of Sree Dattha Polytechnic College has qualified into semifinals of state level cricket tournament conducted by EENADU and they are very confident to win the trophy.



STUDENTS OF CIVIL ENGINEERING ARE THE ACTIVE PLAYERS OF THE COLLEGE CRICKET, VOLLEYBALL, KABADDI AND FOOTBALL TEAMS