

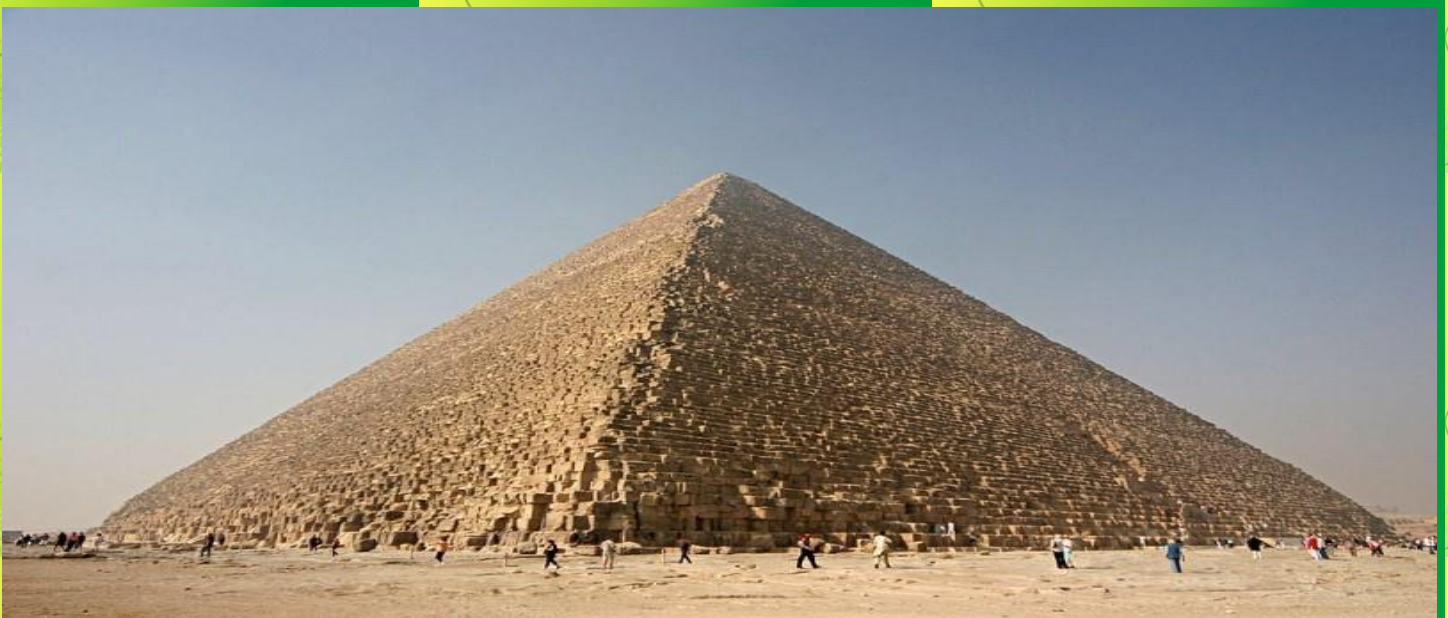
AADHARA

CIVIL ENGINEERING NEWS LETTER

AUGUST 2K18

*Small daily , seemingly insignificant -
improvements and innovations lead to staggering
achievements over time.*

- ROBIN SHARMA



WARM GREETINGS TO
ALL MY STUDENTS !!!

I AM PROFOUNDLY
HAPPY THAT OUR
STUDENTS AND
FACULTY MEMBERS HAVE PUT IN
THEIR BEST EFFORTS TO BRING THE
DEPARTMENT TO A LIMELIGHT WITH
THEIR ACHIEVEMENTS..

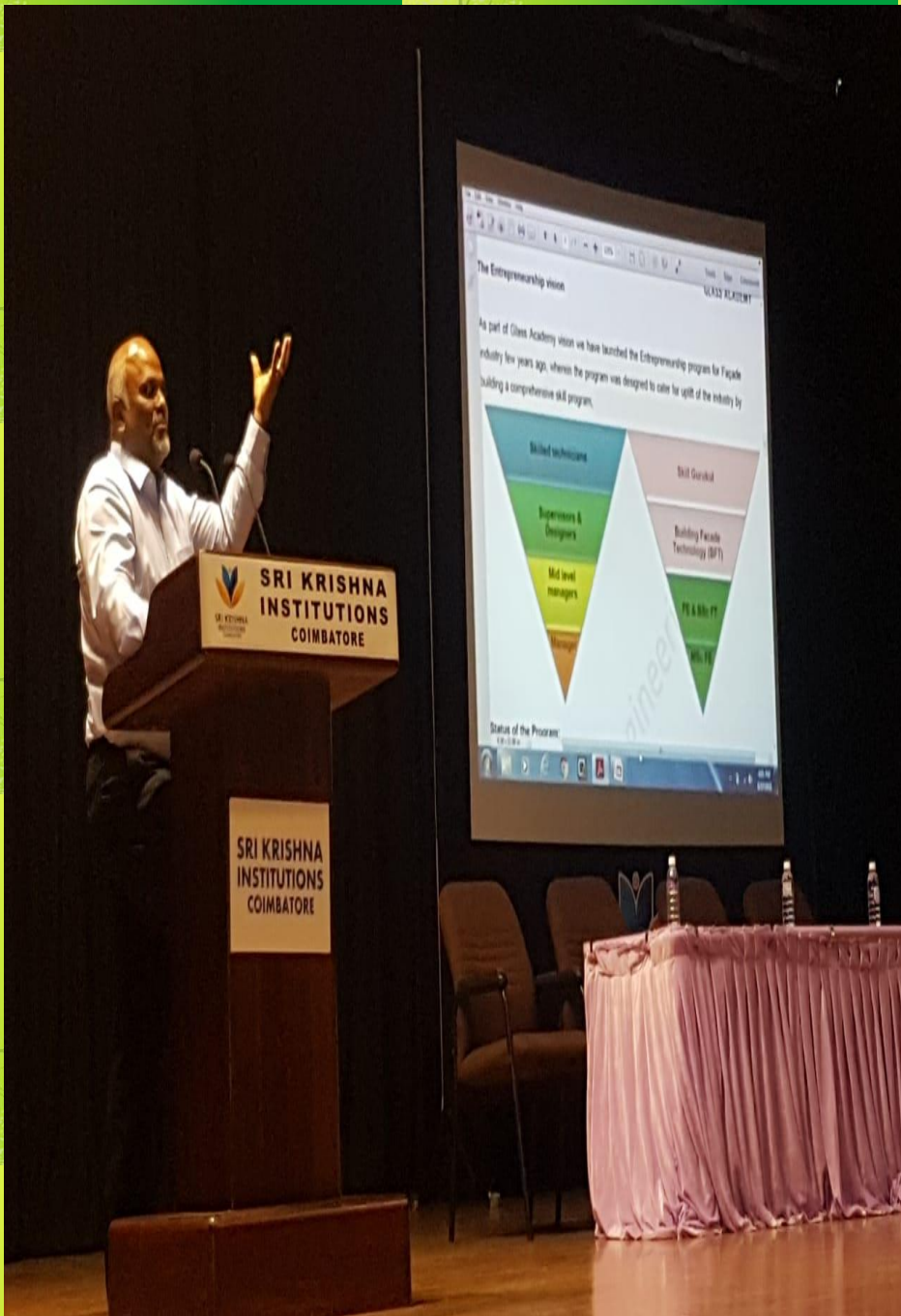
~ DR.D.MARUTHACHALAM .



WHAT'S INSIDE..

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IN HOUSE ACTIVITIES



TWO DAYS WORKSHOP ON FACADE ENGINEERING FOR CIVIL, MECHANICAL AND MCT DEPARTMENT WAS JOINTLY ORGANIZED BY THE GLASS ACADEMY AND NSDC ON 17TH & 18TH AUGUST 2018 AT SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY CAMPUS'.

NEARLY 23 STUDENTS FROM FINAL YEAR CIVIL ENGINEERING PARTICIPATED AND BENEFITTED FROM THIS WORKSHOP.



FACULTY ACHIEVEMENT

MEMBERSHIP IN PROFESSIONAL

BODIES:

MR.S.C.BOOBALAN has obtained professional body membership from International Society for Research and Development and Institute of Research Engineers and Doctors.

MR.S.SADHEESH has obtained professional body membership from International Association of Engineers.

MR. M. SUGUNADEVI has obtained professional body membership from International Society for Research and Development, International Association of Engineers and Institute of Research Engineers and Doctors.

MS.G.PREETHI has obtained professional body membership from International Society for Research and Development and Institute of Research Engineers and Doctors.

STUDENTS ACHIEVEMENTS : ACCE CONCAST 360° CUBE COMPETITION



It was conducted on 13th august 2018 and organized by Association of Consulting Civil Engineers India ACCE(i) in association with ACC cements . 5 teams from second year and third year civil engineering participated in the event which were guided by Dr.J.Tharrini, Mr.S.C.Boobalan , Dr.R.Elangovan And Mr.R.Vighnesh .



TALENT SEARCH QUIZ COMPETITION

Sri Krishna College of Engineering and Technology and Coimbatore Civil Engineers Association (COCENA) jointly organised "Talent Search Quiz Competition" for the colleges and universities in and around coimbatore as a part of engineers day celebrations.. a grand total of 30 teams participated in the event out of which 6 team qualified for the final round



FOR THE VERY FIRST TIME, IN ALL THE THREE YEARS OF HOSTING THE COMPETITION, SKCET TEAM WON THE COMPETITION, PSG ITECH AND GCT,COIMBATORE WERE THE SECOND AND THIRD WINNERS OF THE



ALUMNI INTERACTION



JECINTH ALFRED of 2014-2018 batch who got the first and maximum score in Coimbatore region gave a short lecture to the third year students on how to prepare for gate and the job opportunities available for gate scores.

TECHNICAL EVENTS

FDP/SEMINAR/WORKSHOP/ INNOVATIONS

PROPOSALS SUBMITTED TO STUDENT PROJECTS SCHEME, TNSCST 2018-2019, TNSCST:

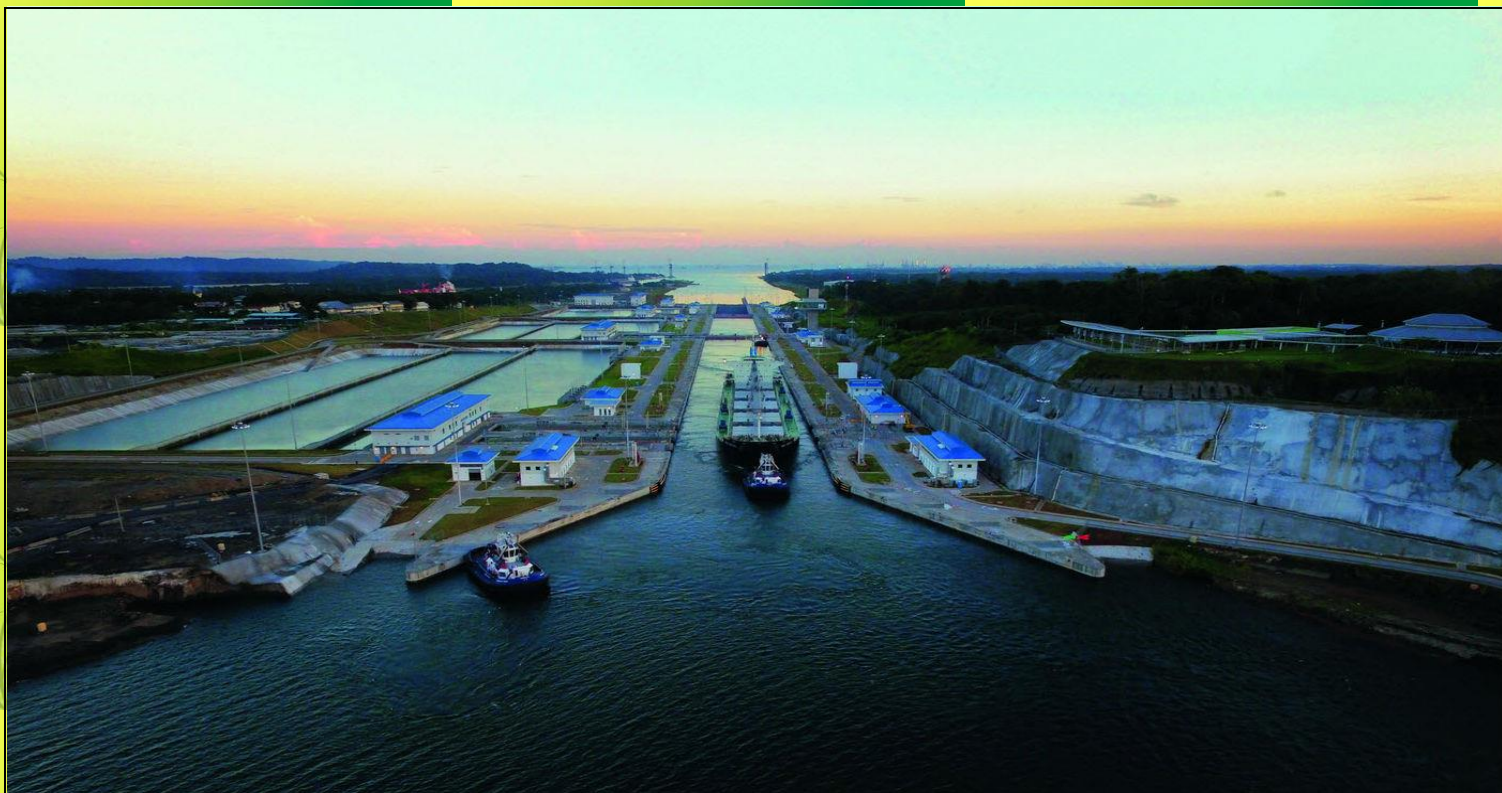
DR.P.SARAVANAKUMAR ALONG WITH **M.VIGNESH, G. NIVETHA, B. RAGAVI SRI** OF FINAL YEAR CIVIL ENGINEERING SUBMITTED A PROPOSAL ON "EFFECT OF ACIDIC WATER ON STRENGTH AND DURABILITY CHARACTERISTICS OF HIGH PERFORMANCE CONCRETE".

MR.V.YOGESWARAN ALONG WITH **MOUNKARTHIK AND RAMPRASAD** OF FINAL YEAR CIVIL ENGINEERING SUBMITTED A PROPOSAL ON "MAGNETIC NANO-PARTICLES IN WASTEWATER TREATMENT"

MS.G.PREETHI ALONG WITH **M.ANNADURAI , ARAVINDHAN S** OF FINAL YEAR CIVIL ENGINEERING SUBMITTED A PROPOSAL ON "LAB SCALE STUDIES ON WATER HYACINTH (EICHHORNIA CRASSIPES MARTS SOLMS) FOR BIOTREATMENT OF LABORATORY WASTEWATER" .

MS.M.SUGUNADEVI ALONG WITH **S.VIGNESH, P. ELANGESHKUMAR, P. JAGADEESH, D. VENKATESAN** OF FINAL YEAR CIVIL ENGINEERING SUBMITTED A PROPOSAL ON "STABILIZATION OF CLAYEY SOIL USING WASTE PLASTIC MATERIAL AS AN ADDITIVE".

MR.S.SADEESH ALONG WITH **POOVARASAN N AND SATHISH KUMAR S** OF FINAL YEAR CIVIL ENGINEERING SUBMITTED A PROPOSAL ON "TREATMENT OF LEACHATE BY ADVANCED OXIDATION PROCESS"



INNOVATION AND ACHIEVEMENTS :

| S.NO | STUDENT NAME | YEAR OF STUDY | EVENT | INSTITUTION | PRIZE WON/PARTICIPATED |
|------|----------------|---------------|--------------------|-----------------------------|------------------------|
| 1 | KRISHNAKUMAR S | IV | TALENT SEARCH QUIZ | CONDUCTED BY COCENA & SKCET | FIRST(RS.15,000) |
| 2 | MOUN KARTHIK T | IV | TALENT SEARCH QUIZ | CONDUCTED BY COCENA & SKCET | FIRST(RS.15,000) |
| 3 | MUKESH.C | III | BASKETBALL | KPR COLLEGE OF ENGINEERING | THIRD |

| | | | | | |
|----|-------------------|-----|-------------------------------|----------------------------|--------------|
| 4 | RAKESH.R | III | BASKETBALL | KPR COLLEGE OF ENGINEERING | THIRD |
| 5 | SADHASIVAM.M | III | ACCE CUBE CASTING COMPETITION | SKCET | PARTICIPATED |
| 6 | RAGHUNATH.R | III | | | PARTICIPATED |
| 7 | PRABHAKARAN.V | III | | | PARTICIPATED |
| 8 | PRABHAKARAN.E | III | | | PARTICIPATED |
| 9 | SARATHKUMAR | III | | | PARTICIPATED |
| 10 | SANJEYKUMARAN.S.J | III | | | PARTICIPATED |
| 11 | PRANESHKUMAR.R | III | | | PARTICIPATED |
| 12 | RAGAVARTHAN | III | | | PARTICIPATED |
| 13 | ADHEKESAV | III | ACCE CUBE CASTING COMPETITION | SKCET | PARTICIPATED |
| 14 | MAYURI | III | | | PARTICIPATED |
| 15 | SREEVIDYA | III | | | PARTICIPATED |
| 16 | APARNA.K | III | | | PARTICIPATED |
| 17 | SHANMUGAPRIYA | III | | | PARTICIPATED |
| 18 | LAVANYA CU | III | | | PARTICIPATED |

| | | | | | |
|----|------------------------|-----|--|--|--------------|
| 19 | ANUVARSHA | III | | | PARTICIPATED |
| 20 | MANIKANDAN B | IV | ACCE CUBE CASTING COMPETITION | SKCET | PARTICIPATED |
| 21 | RAMPRASATH M | IV | | | PARTICIPATED |
| 22 | ARUNSURYA K | IV | | | PARTICIPATED |
| 23 | AJAY R | IV | | | PARTICIPATED |
| 24 | KARUPPUSAMY G | IV | | | PARTICIPATED |
| 25 | MOUN KARTHIK T | IV | | | PARTICIPATED |
| 26 | KIRUPA SANKAR K | II | | | FOOTBALL |
| 27 | KIRUPA SANKAR K | II | FOOTBALL | SRI RAMAKRISHNA ENGINEERING COLLEGE | PARTICIPATED |
| 28 | KIRUPA SANKAR K | II | FOOTBALL | KPR COLLEGE OF ENGINEERING | PARTICIPATED |
| 29 | DEEPAK CHAKRAVARTHY | II | WORKSHOP ON IOP USING ARDUINO & ANDROID | INDIAN INSTITUTE OF TECHNOLOGY - MADRAS | PARTICIPATED |
| 30 | GOWTHAM S | II | WORKSHOP ON IOP USING ARDUINO & ANDROID | INDIAN INSTITUTE OF TECHNOLOGY - MADRAS | PARTICIPATED |

| | | | | | |
|----|---------------------|-----|--|--|--|
| 31 | PRADEEP | II | PECHUPOTTI | GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE | PARTICIPATED |
| 32 | ADHEKESHAV A S | III | AWARENESS CAMPAIGN FOR JOB OPPORTUNITIES IN DEFENCE SECTOR | SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY , COIMBATORE | PARTICIPATED |
| 33 | APARNA K | III | | | PARTICIPATED |
| 34 | DHINESH KUMAR P | III | | | PARTICIPATED |
| 35 | DHIVYA J | III | | | PARTICIPATED |
| 36 | HARI UDAYA GANESH K | III | | | PARTICIPATED |
| 37 | JAYALAKSHMI M | III | | | PARTICIPATED |
| 38 | MITHUN V | III | | | PARTICIPATED |
| 39 | MUKESH C | III | | | PARTICIPATED |
| 40 | NIKIL NITESH D | III | | | PARTICIPATED |
| 41 | PRANESH S | III | | | PARTICIPATED |
| 42 | RINO SAMMUEL M | III | | | AWARENESS CAMPAIGN FOR JOB OPPORTUNITIES IN DEFENCE SECTOR |
| 43 | SATHASIVAM M | III | PARTICIPATED | | |
| 44 | SHANMUGAPRIYA S | III | PARTICIPATED | | |

| | | | | | |
|----|------------------------|-----|---|--|--------------|
| 45 | SIVARAMAKRISHNA N S | III | | | PARTICIPATED |
| 46 | ARAVIND .T.S | III | | | PARTICIPATED |
| 47 | ASHWIN .K | III | | | PARTICIPATED |
| 48 | JEYAPRAKASH.L | III | | | PARTICIPATED |
| 49 | SANJAY .U | III | | | PARTICIPATED |
| 50 | SELVAGANESH .M | III | | | PARTICIPATED |
| 51 | MANIKANDAN B | IV | | | PARTICIPATED |
| 52 | ARAVINDHKUMAR V R | IV | | | PARTICIPATED |
| 53 | ELANGESHKUMAR P | IV | | | PARTICIPATED |
| 54 | VIGNESH M | IV | | | PARTICIPATED |
| 55 | POOVARASAN N | IV | | | PARTICIPATED |
| 56 | SRI HARI K | IV | | | PARTICIPATED |
| 57 | KRISHNAKUMAR S | IV | AWARENESS CAMPAIGN FOR JOB OPPORTUNITIES IN DEFENCE SECTOR | SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY , COIMBATORE | PARTICIPATED |
| 58 | NIKEATH D | IV | | | PARTICIPATED |
| 59 | SATHISH KUMAR S | IV | | | PARTICIPATED |

| | | | | | |
|----|-----------------------------|-----|--|-------------------------------------|--------------|
| 60 | PRAGADEESH M | IV | | | PARTICIPATED |
| 61 | JOHN BRITTO J | IV | | | PARTICIPATED |
| 62 | SAKTHIKUMAR M | IV | | | PARTICIPATED |
| 63 | ARUTSONKAR A | IV | | | PARTICIPATED |
| 64 | HARIRAMKUMAR M | III | | | PARTICIPATED |
| 65 | NIKIL JOSHI | III | | | PARTICIPATED |
| 66 | YOGESWARI S S | III | | | PARTICIPATED |
| 67 | ANAND KUMAR P K | III | | | PARTICIPATED |
| 68 | JAYASHREE NATCHIYAR K | III | | | PARTICIPATED |
| 69 | MOHAMED BASITH RAHUMAN A | III | | | PARTICIPATED |
| 70 | VIGNESH T | III | | | PARTICIPATED |
| 71 | GOKUL | IV | IDP'S AUSTRALIAN EDUCATION FAIR | HOTEL VIVANTA TAJ, COIMBATORE | PARTICIPATED |
| 72 | ANIRUTH | IV | | | PARTICIPATED |
| 73 | SIVAPRAKASH | IV | IDP'S AUSTRALIAN EDUCATION FAIR | HOTEL VIVANTA TAJ, COIMBATORE | PARTICIPATED |
| 74 | HARSHRAM | IV | | | PARTICIPATED |

| | | | | | |
|----|--------|----|--|--|--------------|
| 75 | SUDEEP | IV | | | PARTICIPATED |
|----|--------|----|--|--|--------------|





STUDENT PLACEMENT / INTERNSHIP :

| S.NO | STUDENT NAME | YEAR OF STUDY | COMPANY | SALARY |
|------|---|---------------|--------------|---|
| 1 | MUKESH.C | III | COCENA | INTERNSHIP |
| 2 | SADHASIVAM.M | III | COCENA | INTERNSHIP |
| 3 | RAGHUNATH.R | III | COCENA | INTERNSHIP |
| 4 | SARATHKUMAR | III | COCENA | INTERNSHIP |
| 5 | RAGAVARTHAN | III | COCENA | INTERNSHIP |
| 6 | R.PRANESH KUMAR | III | COCENA | INTERNSHIP |
| 7 | 21 FINAL YEAR TCS NINJA REGISTERED STUDENTS | IV | FACE COMPANY | APTITUDE - PLACEMENT TRAINING ON 20TH AUGUST 2018 |

| | | | | |
|----|---|----|--------------------------------|--|
| 8 | 21 FINAL YEAR TCS NINJA REGISTERED STUDENTS | IV | FACE COMPANY | VERBAL - PLACEMENT TRAINING ON 20TH AUGUST 2018 |
| 9 | 23 FINAL YEAR STUDENTS ATTENDED | IV | AMCAT | AMCAT TEST 2 - 31ST AUGUAT 2018 |
| 10 | 28 PLACEMENT OPTED FINAL YEAR STUDENTS | IV | PLACEMENT CELL & ENGLISH DEPT. | PLACEMENT TRAINING - MOCK GROUP INTERVIEW - 7TH AUGUST 2018 |
| 11 | 28 PLACEMENT OPTED FINAL YEAR STUDENTS | IV | PLACEMENT CELL & ENGLISH DEPT. | PLACEMENT TRAINING - MOCK GROUP INTERVIEW - 16TH AUGUST 2018 |



THEME OF THE MONTH

STRUCTURALLY DIFFICULT BUILDINGS

Civil engineering is one of the oldest branches of engineering because of its relation to the establishment of built environment . it includes design , planning and implementation.

“ GOD DID NOT BUILT IT,
CIVIL ENGINEER DID IT “

1.GREAT PYRAMID OF GIZA

IT IS ONE OF THE SEVEN WONDERS OF THE WORLD . IT REMAINED THE TALLEST MAN-MADE STRUCTURE IN THE WORLD FOR OVER 3,800 YEARS .THE FINISHED PYRAMID WEIGHT 5.9 MILLION METRIC TONS .

2.GREAT WALL OF CHINA

THE LONGEST STRUCTURE OF 13,170 MILES WHICH PASSES THROUGH 10 PROVINCES AND CITIES .IT BUILD OVER A PERIOD OF 2,400 YEARS .

3.AQUEDUCT OF SEGOVIA

IT IS LOCATED IN SPAIN AND IT IS LOCATED IN SPAIN , AND IS THE SYMBOL OF SEGOVIA, IT PROVIDED WATER UNTILL THE 19TH CENTURY.

4. BROOKLYN BRIDGE

IT IS BOTH A SUSPENSION AND CABLE STAYED BRIDGE . COMPLETED IN 1883 , IT CONNECTS BOTH BOROUGHS OF MANHATTAN AND BROOKLYN BY SPANNING THE EAST RIVER. IT COST \$15.5 MILLION TO BUILD .

5. PANAMA CANAL

48 MILE WATER WAY IN PANAMA THAT CONNECTS THE PACIFIC OCEAN . IT CONSISTS OF SEVERAL ARTIFICIAL LAKES AND CHANNELS , AND TWO LOCKS AT EITHER END . COSTING \$ 375 MILLION . WORK BEGAN IN 1881 AND FINALLY OPENED IN 1914.

6. HOOVER DAM

A CONCRETE ARCH – GRAVITY DAM IN THE BLACK CANYON OF THE COLORADO

RIVER.IT TOOK FIVE YEARS TO BUILT AND COST AROUND \$49 MILLION .

7.GOLDEN GATE BRIDGE

THIS \$27 MILLION PROJECT IS A SUSPENSION BRIDGE . THE LONGEST SUSPENSION BRIDGE IN THE WORLD .



*SMT .S.MALARVIZHI
CHAIR PERSON & MANAGING
TRUSTEE
SRI KRISHNA INSTITUTIONS*



**DR.K.SUNDARARAMAN
CEO**



**DR. J. JANET
PRINCIPAL**

FACULTY EDITORS

DR.D.MARUTHACHALAM

Professor & Head



DR.J.THARRINI

Associate Professor

STUDENT EDITOR



GOWSALYA DEVI.G

Second Year Civil Engineering