

# SANKALAN (संकलन)



## **Vision of the Department**

*To prepare civil engineering professionals with an ability to develop designs and initiate innovative thoughts focusing on infrastructural needs with a social responsibility.*

## **Mission of the Department**

*M1: To enhance technical skills among the students by adopting effective teaching-learning processes.*

*M2: To impart knowledge of emerging infrastructural needs of the society for developing eco-friendly designs.*

*M3: To inculcate technical competencies among the students to enable them to meet present and future challenges.*

*M4: To prepare for life-long learning with professional ethical practices.*

### **Editorial Board**

#### **Faculty**

**Dr. G. Manohar**

**Professor & Head, - Editor**

**T. Raja Ramanna - Co-Ordinator**

**M. Srividya - Co-Ordinator**

#### **Inside this issue:**

**Department Activities**

**Faculty Activities**

**Faculty Extra circular Activities**

**Faculty Publications**

**Student Achievements**

**Gallery**

**MATRUSRI ENGINEERING COLLEGE**

Approved by AICTE & Affiliated to Osmania University

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## DEPARTMENT ACTIVITIES

1. A Guest Lecture on the topic “**Earthquake resistant design of structures**”. by **Dr. A. Vimala, Professor and Head of civil engineering Department at Anurag group of Institutions** was organised by Smt. B. Udayasree, Asst. Professor and Sri. T. Raja Ramanna, Asst. Professor on 25<sup>th</sup> July, 2019.
2. A **three day workshop** on “**Working with STAAD-PRO (Hands on experience)**” has been conducted from 7<sup>th</sup> August, 2019 to 9<sup>th</sup> August, 2019.
3. A Introductory session has been conducted in the e-class room on the **Primavera software** on 9<sup>th</sup> September, 2019.
4. On the occasion of **Engineers day** celebrations a seminar on “**Mitigation of Road Accidents and Traffic Management Techniques**” by **Dr. R. Srinivasa Kumar**, was organised by Smt. K. Smitha, Asst. Professor on 15<sup>th</sup> September, 2019.
5. **Graduation day** was celebrated on 21<sup>st</sup> September, 2019.
6. A Guest Lecture on “**Water Resource Engineering**” by **Dr. M. Gopal Nayak, Professor and Head of Civil Engineering Department, University College of Engineering, O.U**, was organised by Smt. S. Lokeswari, Asst. Professor and Smt. M. Prathibha, Asst. Professor, on 23<sup>rd</sup> September, 2019.

## FACULTY ACTIVITIES

1. **Sri. P. Ashveen Kumar**, has given a guest lecture on Solid Mechanics at Islamia College of Engineering on 3<sup>rd</sup> July, 2019.
2. **Smt. B. Udayasree, Sri. P. Prashanth, Smt. K. Smitha and Sri. U. Tirumalesh** attended a seminar on “**Deep Foundations**” at National Academy of Construction on 20<sup>th</sup> July, 2019
3. **Sri. P.V.S. Koteswara Rao, Sri. P. Ashveen kumar and Sri. P. Prashanth**, attended a conference on “**Rise Infrastructure Hyderabad**” at Trident Hotel on 24<sup>th</sup> July, 2019.
4. **Smt. S. Lokeswari, Smt. M. Pratibha and Smt. M. Srividya** attended three day workshop on “**Solid waste management**” at CVR college of engineering from 7<sup>th</sup> August, 2019 to 9<sup>th</sup> August, 2019
5. **Sri. T. Raja Ramanna**, attended Two-Day FDP program on **Effective Mentoring** at Pallavi Engineering College from 2<sup>nd</sup> August, 2019 to 3<sup>rd</sup> August, 2019.
6. **Sri. T.Raja Ramanna and Smt. M. Srividya** attended three day workshop on **Materials for sustainable Infrastructure Development** at CVR college of engineering from 25<sup>th</sup> September, 2019 to 27<sup>th</sup> September, 2019.
7. **Smt. B. Udayasree**, successfully completed SWAYAM online course on Design of Reinforced Concrete Structures and secured 68%.
8. **Smt. K. Smitha**, successfully completed SWAYAM online course on Remote Sensing and Digital Image Processing of Satellite Data and secured 65%.
9. **Smt. M. Pratibha**, successfully completed SWAYAM online course on Waste water treatment.

## FACULTY EXTRACURRICULAR ACTIVITIES

1. As Part of **Unnat Bharat Abhyian programe** Sri T. Raja Ramanna, Asst. Professor conducted house hold survey at Rangapur village on 20<sup>th</sup> July, 2019.
2. As Part of **Unnat Bharat Abhyian programe** Sri. T. Raja Ramanna, Asst. Professor visited Moundi gourelli village on 27<sup>th</sup> July, 2019.

## FACULTY PUBLICATIONS

1. **B.Udayasree and T.Raja ramanna** published a paper in **Recent Advances in Civil engineering Infrastructure(RACEI-2019)** with title **Analysis of M20 Grade concrete using Silico Manganese Slag as a partial replacement of coarse Aggregate** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December, 2019.
2. **P.V.S.Koteswar rao** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **Analysis of M20 Grade concrete using Silico Manganese Slag as a partial replacement of coarse Aggregate** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December, 2019.
3. **K.Smitha** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **Evaluation of capacity of Roundabout at Necklace road using Gap Acceptance method** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December, 2019.
4. **P.Dhanamma** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **A Design of Concrete Bridge** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December 2019.
5. **M.Pratibha** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **Influence of velocity in Major lift irrigation projects** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December 2019.
6. **S.Lokeswari** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **Evaluation studies of existing aqueduct on Kalwakurthy main canal of Mahatma Gandhi lift Irrigation Scheme in Mahabubnagar district** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December 2019.
7. **M.Srividya** published a paper in **Recent Advances in Civil engineering Infrastructure (RACEI-2019)** with title **Analysis of liquefaction of soil using SPT data** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December 2019
8. **P.Ashveen Kumar** published a paper in **Recent Advances in Civil engineering Infrastructure(RACEI-2019)** with title **strength Characteristics of high strength concrete (HSC) with and without coarse aggregate** held at MJ college from 16<sup>th</sup> to 18<sup>th</sup> December 2019

## STUDENT ACHIEVEMENTS

1. **Mr. Chaitanya Hari, Civil V semester** student secured **gold medal in 5 Telangana state level weight lifting championship** on 7<sup>th</sup> July, 2019.
2. **Mr. Chaitanya Hari, Civil V semester** student secured **gold medal in Hyderabad weight lifting championship** on 31<sup>st</sup> August, 2019.
3. **Rushitha, VII semester** student **qualified** in the test conducted by **Cognizant** and got selected.
4. **Karthik, VII semester** student **qualified** in the test conducted by **TCS** and got selected.
5. **Mr. Chaitanya Hari, Civil V semester** student secured **gold medal in State level weight lifting championship** on 15<sup>th</sup> September, 2019.
6. **Mr. Chaitanya Hari, Civil V semester** student secured **gold medal in Inter college weight lifting championship** on 17<sup>th</sup> September, 2019.
7. **Megha Bansal, V semester** student successfully completed **SWAYAM** online course on **wastewater treatment and recycling and secured 88%**.
8. **Md. Sufiyan Ali, V semester** student successfully completed **SWAYAM** online course on **Design of reinforced concrete structures and secured 68%**.

# GALLERY



**3 DAY WORKSHOP ON STAAD PRO**



**GRADUATION DAY CELEBRATIONS**



**SEMINAR ON EARTHQUAKE RESISTANT DESIGN**



**SEMINAR ON WATER RESOURCE ENGINEERING**



**SEMINAR ON MITIGATION OF ROAD ACCIDENTS**