

**MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING**  
(An ISO 9001:2008 Certified Institution)

**DEPARTMENT OF CIVIL ENGINEERING**

| Department Activities Report for the Academic Year 2016-17[Odd Semester] |                |            |  |  |
|--|----------------|------------|--|--|
| SI No  | Event          | Date       | Resource Person  | Topic  |
| 1  | Technical Talk | 16.8.2016  | Mr. Manjunath, Sai CAD centre, Bangalore   | REVIT software                                 |
| 2  |                | 19.8.2016  | Dr. H Lakshmikantha, Environmental officer, Karnataka state pollution control board, Dakshina Kannada and Udupi district | Hazardous Waste collection and disposal        |
| 3  |                | 22.09.2016 | Er. Anil Baliga, <i>Proprietor, Manjeswara Techno Trade</i>  | Engineering Materials                          |
| 4  |                | 26.9.2016  | Er. Vinod Kumar K, Head CADD Center, Moodabidri  | Software's Used in Civil Engineering           |
| 5  |                | 14.10.2016 | Er. K T Maninarayana   | Studies and opportunities in civil Engineering |

| Department Activities Report for the Academic Year 2016-17[EVEN Semester] |                          |  |   |   |
|---|--------------------------|--|---|---|
| SI No   | Event                    | Date   | Resource Person   | Topic   |
| 6   | Technical Talk           | 29.04.2017                                     | Er. M C Ramesh, Environmental officer, KSPCB, Regional office, Dasarahalli, Bangalore                                   | Presentation on Pollution control acts, Rules, Challenges and Remedial Measures                   |
| 7   | International Conference | 17 <sup>th</sup> – 18 <sup>th</sup> March 2017 | Dr. Shuichi Torii Kumamoto University, JAPAN<br>Dr. Paloma Pineda Deputy Director, IIRSP, University of Seville, SPAIN. | “Global Civil Engineering Challenges in Sustainable Development and Climate Change” (ICGCSC - 17) |

***ACES - Activities***

**MITE: DEPARTMENT ACTIVITIES IN THE ACADEMIC YEAR 2016-17**

Demonstration on **REVIT software** on 16/08/2016 by **Mr. Manjunath**, Sai CAD centre for 3<sup>rd</sup> year Civil Engineering students



***Mr. Manjunath Reddy, Sai CADD centre, Bangalore, has delivered a talk on “REVIT Software”***

19<sup>th</sup> August, 2016, **Dr. H Lakshmikantha**, Environmental officer, Karnataka state pollution control board, Dakshina Kannada and Udupi district, delivered the technical talk on **“Hazardous Waste collection and disposal”** for fourth year Civil Engineering students. Which was organized with the help of Association of Civil Engineering Students, Department of Civil Engineering.



*Dr. H Lakshmikantha, Environmental officer, Karnataka state pollution control board, Dakshina Kannada and Udupi district, delivered the technical talk on “Hazardous Waste collection and disposal”*

**ACES (Association of Civil Engineering Students)** has been inaugurated on 19<sup>th</sup> August 2016 by **Dr. H Lakshmikantha**, Environmental officer, Karnataka state pollution control board, Dakshina Kannada and Udupi district.. Principal of the Institute **Dr G L Easwara Prasad** presided over the inaugural function. The event commenced with the invocation by student. It was followed by the welcome address by **Mr. PratheekShetty** (ACES-President). **Dr. Ganesh Mogaveer**, Head of the department and Chief coordinator of ACES **Dr. Jayaprakash M.C** were present on the stage. Toppers in the university examination were also felicitated by the chief guest.

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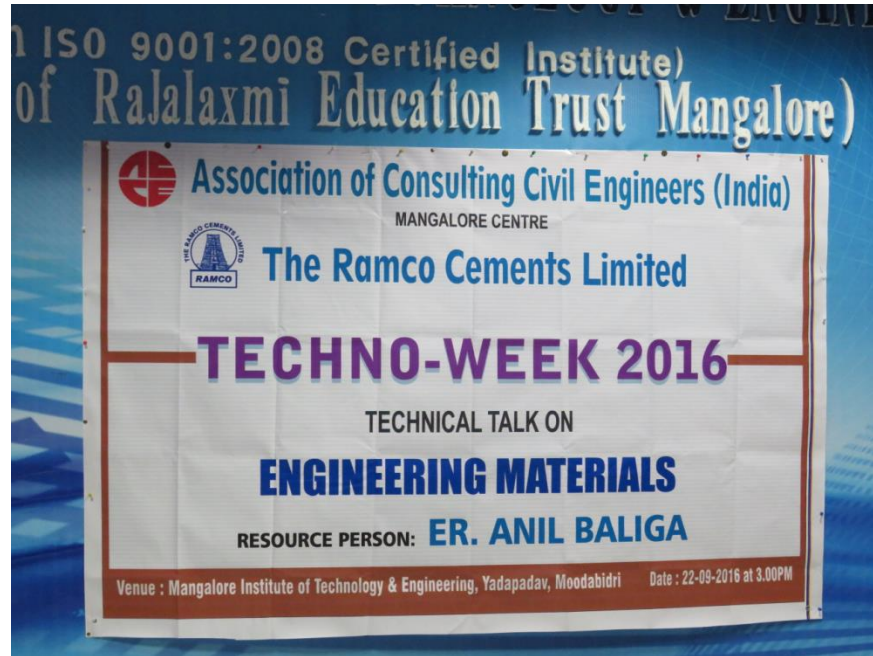


***Dr. H Lakshmikantha, Environmental officer, KSPCB, Mangalore, has inaugurated  
“Association of Civil Engineering Students” 2016-17***



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On 22<sup>nd</sup> September 2016, **Er. Anil Baliga** delivered the technical talk on **“Engineering Materials”** for third year Civil Engineering students which was organized with the help of Ramco Cement Ltd. On the occasion of Techno Week 2016.



*Er. Anil Baliga, Proprietor, Manjeswara Techno Trade, delivered a technical talk on “Engineering Materials”*

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On 26<sup>th</sup> September 2016, Er. Vinod Kumar K, Head CADD Center, Moodabidri, has delivered a technical talk for 3<sup>rd</sup> year civil engineering students regarding the “**Software’s Used in Civil Engineering**”. This program was organised by Association of Civil Engineering Students



*Er. Vinod Kumar K, Head CADD Center, Moodabidri, delivered a technical talk on “Software’s Used in Civil Engineering”*

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On 14<sup>th</sup> october 2016, **Er. K T Maninarayana** delivered the technical talk on “**Studies and opportunities in civil Engineering**” for second year Civil Engineering students. Which was organized with the help of Association of Civil Engineering Students, Department of Civil Engineering.



*Er. K T Maninarayana, delivered a technical talk on “Studies and opportunities in civil Engineering”*



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Industrial visit to Varahi by 7<sup>th</sup>sem civil Engineering students on 15-10-2016



***VARAHI, Hydro electric power station and DAM visit was arranged as part of Industrial Visit for final year students***



Industrial visit to Master Plannery, Puttur by 3<sup>rd</sup>sem civil Engineering students on 12-11-2016



*Master Plannery, Puttur, Industrial visit was arranged for second year students*

On 29<sup>th</sup> April 2017, Er. M C Ramesh, Environmental officer, KSPCB, Regional office, Dasrahalli, Bangalore, delivered a technical talk on “Presentation on Pollution control acts, Rules, Challenges and Remedial Measures” for final year students.



*Er. M C Ramesh, Environmental officer, KSPCB, Regional office, Dasrahalli, Bangalore, delivered a technical talk on “Presentation on Pollution control acts, Rules, Challenges and Remedial Measures”*

**Organised INTERNATIONAL CONFERENCE ON “Global Civil  
Engineering Challenges in Sustainable Development and Climate Change”  
(ICGCSC - 17) on  
(17<sup>th</sup> – 18<sup>th</sup> March 2017)**



DEPARTMENT OF CIVIL ENGINEERING at MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, in association with CAFET-INNOVA technical society, MITE chapter is organised a two-day International conference on “GLOBAL CIVIL ENGINEERING CHALLENGES IN SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE” during 17<sup>th</sup>-18<sup>th</sup> March, 2017 as a part of **Decennial celebration** of our esteemed institution.

Department of Civil engineering was started at MITE in the year 2012. The Department focuses on overall development of students through innovative teaching and learning. One of the main objectives of the Department is to produce qualified, competent and employable civil engineering graduates to cater the needs of industry and society by imparting requisite knowledge and training in different areas of Civil Engineering and emerging technologies.

A Local CAFET INNOVA Technical Society Centre was started under the Department of Civil Engineering of our institution in association with CAFET-INNOVA Technical Society, Hyderabad. It is an International non-profit organization set up to encourage teaching faculty and young talent especially students towards the field of Research & Development (R&D) and harness their intellectual abilities for the betterment of institution as well as industry.

This conference mainly focused on sustainable development of the world through new and innovative ideas in civil engineering. With increased focus on development; critical roles of civil engineering in addressing the large-scale pressing challenges faced by society around the world are widely recognized. Such large – scale challenges include access to affordable health care, tackling the coupled issues of energy, transportation and climate change, providing more equitable access to clean drinking water, mitigation of natural and man-made disaster, environmental protection and natural resource management, among various other problems. Mobilizing the civil engineering community to become more effective in delivering real products





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& services of benefit to society, especially in the developing world, is a vitally important international responsibility. The overall global issues and challenges include: the need to reduce poverty, promote sustainable social and economic development, globalization; and the need to bridge the digital and broader technological and knowledge divides. Specific emerging issues & challenges include: Climate change mitigation, adaptation and the urgent need to move to a low-carbon future; and calls for increased investment in infrastructure, engineering capacity and associated research and development.

This conference received more than 100 papers from different countries like Japan, Spain and Bangladesh and also from reputed institutions and industries within India. After a stringent review from expert committee 76 papers were selected for this conference. The selected papers for the conference will be published in the form of proceedings volume of the International Conference with ISBN cited number 978-93-5267-355-1 in a hard copy sanctioned by MHRD Government of India.

This conference will cover main themes relevant to the civil engineering fields like Earth Science and Engineering, Advances in Structural Engineering, Transportation & Highway Engineering, Geo-Technical Engineering/Geo Environmental, Construction / Concrete Technology, Water Resources and Irrigation Engineering, Environmental Engineering & Environmental Law.

This International conference will be a great opportunity for young engineers to put up their new innovative ideas towards the sustainable development of the world, where they will have interaction with Professors, delegates from India and abroad who will take part in this conference to express their vision and views towards sustainable development and climate change. Participation in this conference will undoubtedly provide a great opportunity for the students and young researchers across the world to enlighten their knowledge.

This conference will have distinguished panellists and key note speakers like Dr.Shuichi Torii Kumamoto University, JAPAN and Dr.Paloma Pineda Deputy Director, IIRSP, University of

Seville, SPAIN. The inauguration of this conference will be presided by Sri Rajesh Chouta, Chairman and founder of Rajalaxmi education trust, Mangalore.

Outcome of this conference will not only advance the knowledge of young researchers but also provides a new goals to be achieved towards sustainable development like ensure healthy living and promote well-being for all at all age. Ensure access to affordable, reliable, sustainable and renewable energy for all. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Make cities and human settlements inclusive, safe, resilient and sustainable. To make immediate action to combat climate change and its impacts by regulating emissions and promoting developments in renewable energy, opines Principal Dr. G L Easwara Prasad.

### **CONFERENCE THEMES:**

*Latest Development in the following BELOW MENTIONED main themes*

- **Challenges and Issues in Civil Engineering**
- **Earth Science and Engineering**
- **Advances in Structural Engineering**
- **Transportation & Highway Engineering**
- **Geo-Technical Engineering/Geo Environmental**
- **Construction / Concrete Technology**
- **Water Resources and Irrigation Engineering**
- **Environmental Engineering & Environmental Law**

### **INTENDED BENEFICIARIES**

Scientists and Engineers from R & D organisations, Professionals from Govt. &Public sector undertakings, Research scholars, Academicians, Builders, Realtors and Developers, Architects, and Students are invited to contribute research papers and participate in the deliberations of the conference from all over the globe.



**Two days International Conference is inaugurated by Chief guest Dr. M Baba, Former Director – Centre for Earth Science, Trivendrum, Kerala**



***Lighting the lamp by Dr. Paloma Pineda  
Deputy Director, IIRSP, University of Seville,  
SPAIN***



***Lighting the lamp by Dr. Shuichi Torii,  
Professor, Kumamoto University, JAPAN***



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*International Conference proceedings volume released by Chief guest Dr. M Baba, Former Director – Centre for Earth Science, Trivendrum, Kerala*



*Panel discussion of two days International Conference is headed by Dr. T N Singh, Professor, Department of Earth Sciences, IIT Mumbai and other expert committee members*



*Delegates gathered from various organization in the International Conference*



*Appreciation Certificate handed over to Dr. Shuichi Torii , Professor, Kumamoto University, JAPAN by Dr. T N Singh, Professor, Department of Earth Sciences, IIT Mumbai*



*Keynote address of the conference by Dr.Paloma Pineda Deputy Director, IIRSP, University of Seville, SPAIN*



*Felicitaton to Dr. D V Reddy, President, Cafet Innova Technical Society, Hyderabad by Mr. Rajesh Chouta, Founder, Rajalaxmi Education Trust, Mangalore*



**AutoCADD training** program by Sai CADD centre, Bangalore was conducted by **Mr. Manjunath Reddy** and his team for 3<sup>rd</sup> year Civil Engineering students from 18/07/2016 to 25/07/2016 which was co-ordinated by **Mr. Yashwanth M K**, Asst.Prof. MITE



*Mr. Manjunath Reddy, Sai CADD centre, Bangalore, was conducted AutoCADD training program*



**Awards / Recognitions received by students**

| Name   | Event Name  | Place of Visit  | Award                     |
|--|---|---|---------------------------|
| Farisa Ibrahim & Femina                              | Paper presentation TECHYUVA -16                                 | Srinivas School of Engineering between 17 <sup>th</sup> to 18 <sup>th</sup> March 2016                  | 1 <sup>st</sup> Place     |
| Ashwini Prabhu ,<br>Vishrutha and Freezia<br>Noronha | Model<br>Making held (TECHYUV A-16)                             | Srinivas School of Engineering between 17 <sup>th</sup> to 18 <sup>th</sup> March 2016                  | 2 <sup>nd</sup> Place     |
| Dilshad UP   | TECHYUVA-2016   | Srinivas School of Engineering between 17 <sup>th</sup> to 18 <sup>th</sup> March 2016                  | Participation certificate |
| Nitin H.M  | Paper presentation  | Sridevi institute of technology and engineering on 23 <sup>rd</sup> and 24 <sup>th</sup> February 2016. | Participation certificate |
| Ashwini Prabhu                                       | VARNOTHS AVA  | Shri MadhwaVad iraja Institute of Technology and Mangement, Udupi                                       | Participation certificate |
| Plizon Mascaranhas, Mohammed Sadiq and Gautham Rai B | TIARA 2016  | SJEC, Mangaluru 24 <sup>th</sup> and 25 <sup>th</sup> February 2016                                     | Participation certificate |
| Pancham  | Paintings   | YIT, Moodabidri. On 17 <sup>th</sup> and 18 <sup>th</sup> March 2016                                    | 1 <sup>st</sup> place     |
| Pancham  | Counter strike competition held in connection with VARNOTHS AVA | Shri MadhwaVad iraja Institute of Technology and Mangement, Udupi                                       | 1 <sup>st</sup> place     |

|   |  |   |   |
|---|--|---|---|
| Niranjanshetty, Chiragajila and Mohammed arshan   | Paper presentation competition of Jnanasangam a-2016 | VCET, Puttur<br>3 <sup>rd</sup> May, 2016                               | 2 <sup>nd</sup> Place                           |
| Deeksha I M and Soumya M R  | Published paper in IJCTER journal                    | -   | Volume 02, Issue 05, May-2016 [ISSN: 2455-1392] |
| Sharath Kotyan, Shashwathi S Shetty, Ajay Kotian, Akshathaa Acharya, Harshith V shetty and Vishanth D'souza | participated in the three days workshop              | organized by NITK, Surathkal, Mangalore<br>8 <sup>th</sup> October-2016 | Participation certificate                       |

| S. No | Student name    | Game                               | Medal Won             |
|-------|-----------------|------------------------------------|-----------------------|
| 1     | Suhas B.S       | Karnataka State Olympic Games-2017 | BRONZE                |
| 2     | Shaiban Siddiqe | FIFA 14                            | 1 <sup>st</sup> Place |

**Faculty Membership in the Professional Body**

**a) National committee membership:**

| Sl.No | Name of the Faculty    | Name of the National committee         |
|-------|------------------------|--|
| 1     | Dr. G L Easwara Prasad | Indian Society for Technical Education |
|       |                        | Indian Concrete Institute              |
|       |                        | Institution of Engineers               |
| 2     | Dr. Ganesh Mogaveer    | Indian Society for Technical Education |
|       |                        | Indian Concrete Institute              |
| 3     | Dr. Jayaprakash M C    | Indian Science Congress                |

**a) International committee membership:**

| Sl.No | Name of the Faculty | Name of the National committee  |
|-------|---------------------|---|
| 1     | Dr. Ganesh Mogaveer | Editorial Board Member-CAFET<br>INNOVA Technical Society Centre, Hyderabad          |
|       |                     | Journal reviewer of International Journal of Earth Science and Engineering          |
| 2     | Dr. Jayaprakash M C | Secretary and Editorial Board Member-CAFET INNOVA<br>Technical Society Centre       |
|       |                     | Editorial Member: Journal of Water Resources and Pollution<br>Studies – MAT Journal |

**Journal Publication by Faculty**

| S.L No. | Faculty Name           | Paper/Book Title  | Events/Journals/Publisher  |
|---------|------------------------|---|--|
| 1       | Dr. G L Easwara Prasad | Mechanical Properties of Raw Jute Polyester Composite   | International Journal of Fiber and Textile Research 2016   |
| 3       | Dr.Ganesha Mogaveera   | Experimental studies on the structural characteristics of Solid concrete block masonry,Masonry units and mortars, | International conference on Global Civil Engineering challenges in sustainable development and climate change,ICGCSC at Mangalore Institute of Technolgy and Engineering, Moodabidri |
| 4       | Dr Jayaprakash M C     | PET bottles for Eco-friendly building in sustainable development  | IJCTER, VOL-2. ISSUE-3, MAY-2016   |
| 5       | Mr. Yashwanth M K      | Comparative Study on Properties of GGBS Based Geopolymer concrete with Plain Cement Concrete                      | IJETED, Issue 7, Vol 3, May 2017   |