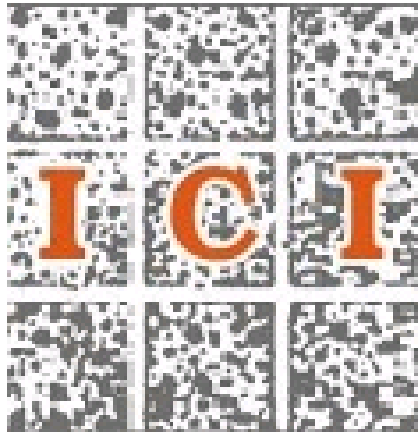




**MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY**



**INDIAN CONCRETE INSTITUTE**

**[ICI STUDENT CHAPTER MJCET]**

**REPORT**

## I.C.I. MJCET

*'As cement binds concrete, ICI binds us'*. To create awareness amongst the budding civil engineers about modern concrete construction practices and promote the growth of concrete constructions, ICI Student Chapter MJCET has organized many technical events and non technical events to boost up enthusiasm level of the students, helping them in bridging the gap between knowledge and practice.



Participation in ICI conducted competitions, guest lectures, conferences, technical site visits, opportunities to interact with practicing professionals not only helped students learn about the wonderful concrete industry but also instilled within them interest in the field and courage of approaching the oncoming professional life.

We, the students of MJCET, are very grateful to ICI Chairman APHC Mr. Er.Ar. S.P. Anchuri Sir, the Secretary Mr.Er. Yedukondalu Sir and the HOD Dr. Moinuddin Ahmed, Civil Engineering Dept. MJCET, for lending us such a helpful hand and being extremely supportive in organizing all the events during the academic year 2012-2013.

## CONTENTS

1. Inaugural ceremony - ICI MJCET	4
2. Report writing competition on 'Concrete & admixtures'	5
3. Concrete day celebrations & awards nite '12	6
4. Documentary-construction of new airport terminal	7
5. Act-smart testing observation skills event	8
6. Mock Interviews	9
7. I.C.I. conference by Microgenesis	10
8. Trip to Ready-mix concrete plant	11
9. QuizoPolis- Technical quiz on RMC	12
10. Guest Lecture on 'shear force & bending moment diagrams'	13
11. 'Impact Day' in collaboration with Deloitte and TGC.	14
12. Present Your Product – a technical cum fun event	15
13. World Water Day Event at Institute of Engineers	16
14. Guest lecture on 'master planning & visioning process in real estate'	17
15. Workshop on 'Innovations in repair & rehabilitation of structures'	18
16. Deminar on innovative & decorative concretes in Bangalore	19
17. ICI Fest `13 in IIT Madras, Chennai	20
18. Launch of official ICI-MJCET website	23
19. ONE DAY WORKSHOP – IIT MADRAS	
20. ONE DAY WORKSHOP ON STABILITY OF STRUCTURES	
21. GUEST LECTURE ON SOFTWARES USED IN CIVIL ENGINEERING	
22. TECHNICAL DISCUSSION ON USE OF HIGH STRENGTH STEEL IN REINFORCED CONCRETE STRUCTURES	

## 23. TECHNICAL PAPER PRESENTATION

### 24. INTERNATIONAL CONFERENCE ON INNOVATIONS IN CONCRETE FOR MEETING INFRASTRUCTURE CHALLENGES BY INNOVATIVE WORLD OF CONCRETE ( IWC )

25.

## INAUGURAL CEREMONY

18<sup>th</sup> September, 2012, marked the opening of the esteemed student body of Indian Concrete Institute in M.J.C.E.T.




Our Director, Dr. Basheeruddin Ahmed gave the opening speech enlightening the importance of a student chapter for civil department and our most beloved HOD, Dr. Moinuddin Ahmed addressed the gathering of young minds and encouraged them to be a part of ICI and take the maximum benefit of it. Mr. SP Anchuri, Chairman of ICI, introduced to the students, the concept, scope, working, benefits and need of ICI, for all students aspiring to continue their professional field in the department of civil engineering. A huge number of student

registrations and refreshments marked the successful end of the grand opening ceremony of ICI-MJCET.

## REPORT WRITING

A report writing competition was conducted for all years on a common topic which was 'Concrete Admixtures', where we collected many reports from a handsome number of participants. The best report was awarded with a certificate and a gift. Report writing is an essential skill for professionals in almost every field, which was one of the major reasons of conducting it.



**ICI STUDENT CHAPTER - MJCET**

Report writing is an essential skill for professionals in almost every field. That's one of the reasons why your lecturers will almost certainly require you to write reports during your period of study. A report aims to inform, as clearly and succinctly as possible. It should be easy to read, and professional in its presentation. Exactly what you include in your report and how you present it will vary according to your discipline and the specific purpose of the report.

STANDARD FORMAT

<b>Beginning</b>	Title Page Executive Summary Introduction	<b>CASH PRIZE</b> Rs. 1000 !!
<b>Body</b>	Results Discussion	
<b>Ending</b>	Conclusion Recommendations	
<b>References</b>		

**Registration:**  
 ICI members: free  
 non members :Rs. 50

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The event turned out to be a huge success as it was participated by a good number of students aiming to improve their soft skills as well as improvising on their technical knowledge. Mr. Akbar Hussain of civil final year emerged as the



winner of the event while a few other promising participants received appreciation & encouragement by the jury.

## **CONCRETE DAY CELEBRATIONS & AWARDS NITE `12**

Students of ICI MJCET volunteered in the Concrete day celebrations and Awards Nite organized by Indian Concrete Institute in collaboration with UltraTech Cement Ltd. on 7<sup>th</sup> December at Hotel Marigold by Green Park.



Students had a great technical and corporate exposure in getting memberships done for the delegates and realized the significance of being good Engineers by witnessing the distribution of various awards. Students were very pleased to interact with the practicing professionals from the industry, extracting ideas from their knowledge and learning from their experiences. A palatable dinner marked the successful completion of the day`s event happily for the students.

## DOCUMENTARY

A documentary on the construction of new airport terminal at Chatrapati Shivaji International Airport (C.S.I.A) was shown to all the member students of ICI with the intension of keeping these budding civil engineers updated with the latest technologies and developments in the field on concrete construction.



ICI promotes the growth of concrete constructions and its sub specializations and identifies R &D problems of practical relevance to concrete construction technology. Therefore with the help of these documentaries, ICI student chapter

is not only achieving its objectives but also properly catering the needs of all its members satisfying their purpose of being a member.

## **ACT SMART- Testing observation skills**

Act Smart can be counted in one of the most successful events of ICI-MJCET. The event basically involved the alertness of one`s mind. Participants were shown video clips regarding latest technologies, constructions and green buildings, followed by a questionnaire.



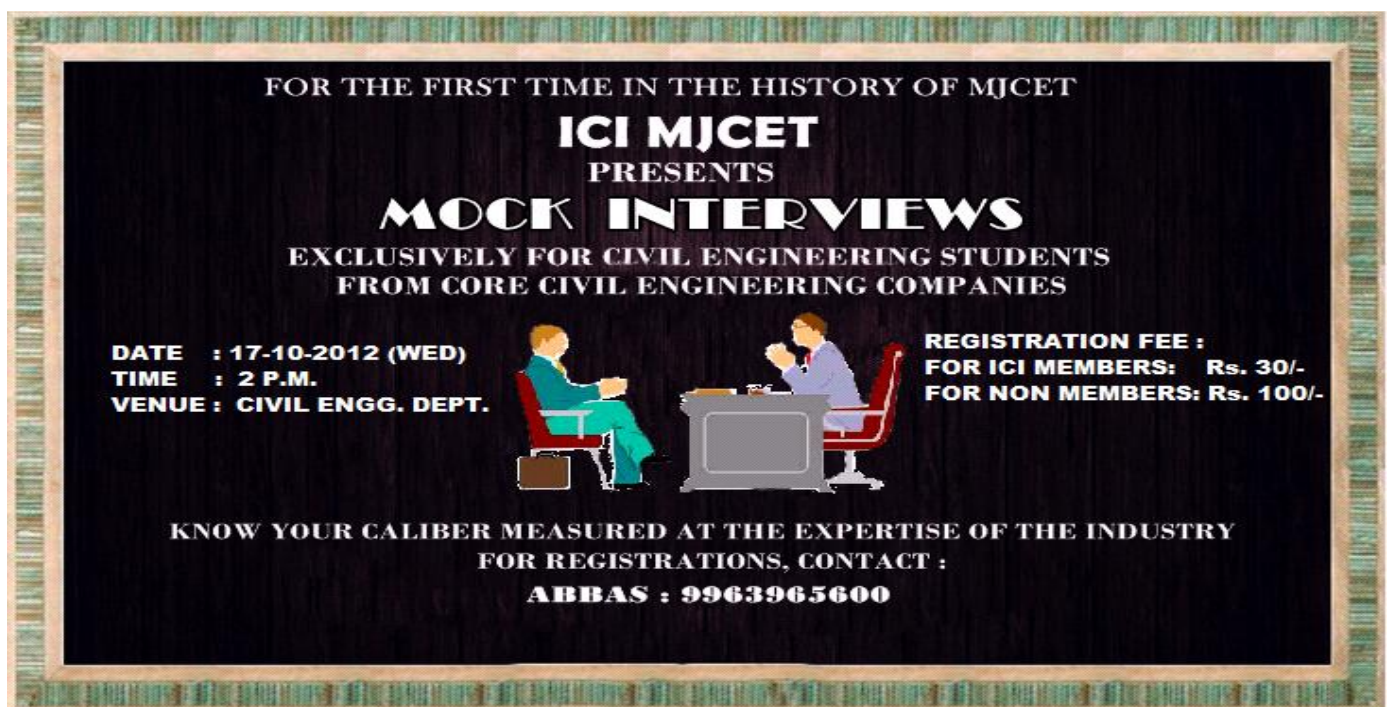
Participants were asked questions from the clip shown and the team with maximum number of correct answers was declared as the winning team and



were awarded a cash prize of Rs.500/- ! Winners of this competition included a team called “minus three” which included three students from third year.

## MOCK INTERVIEWS

A job interview is the scariest time in post graduating lives of students, where the technical potential of candidates is evaluated by the interviewer for prospective employment in their company.



FOR THE FIRST TIME IN THE HISTORY OF MJCET  
**ICI MJCET**  
PRESENTS  
**MOCK INTERVIEWS**  
EXCLUSIVELY FOR CIVIL ENGINEERING STUDENTS  
FROM CORE CIVIL ENGINEERING COMPANIES

**DATE : 17-10-2012 (WED)**  
**TIME : 2 P.M.**  
**VENUE : CIVIL ENGG. DEPT.**

**REGISTRATION FEE :**  
**FOR ICI MEMBERS: Rs. 30/-**  
**FOR NON MEMBERS: Rs. 100/-**

**KNOW YOUR CALIBER MEASURED AT THE EXPERTISE OF THE INDUSTRY**  
**FOR REGISTRATIONS, CONTACT :**  
**ABBAS : 9963965600**

For students to get well acquainted with such decisive circumstances in life, ICI MJCET has invited professionals from technical industry, constructions and the design field for conducting mock interviews for our students and developing their interview facing skills and ultimately teaching them how to face an interview and helping them decide their future field as in a design engineer, technical officer or a site engineer.

### **ICI CONFERENCE BY MICROGENESIS**

Student members of ICI were given an opportunity to attend a conference organized by Microgenesis (Autodesk).The event marked the launch of AutoCAD 2013.



This conference gave a chance to all our students to interact with the highly experienced and well known structural engineers, architectural engineers and other professionals in civil engineering. Ar.SP Anchuri sir also attended the conference and Mr.Yedukondalu sir had always been by the students to support them.

## **TRIP TO READYMIX CONCRETE PLANT**

RMC Ready-mix is a division of Prism Cement Ltd., incorporated in the year 1996 and is engaged in manufacturing and selling of ready-mixed concrete and

aggregates. For producing quality concrete, RMC-India employs sophisticated plant and equipment.



The salient features of the plant setup include fully automated plant with computerized control, load-cell based weigh batchers, power mixers, separate water tight silos, a large fleet of well maintained transit mixers. The students were then taken around the factory which sprawls on a field of around 2 acres consisting of a series of setups. The engineer explained that the whole plant is a concreted one and has a gentle gradient to avoid water stagnation. He had then shown us the place where the raw materials are stored. He pointed us towards the subdivisions where crushed stones and aggregates were placed according to their sizes.



# QUIZOPOLIS

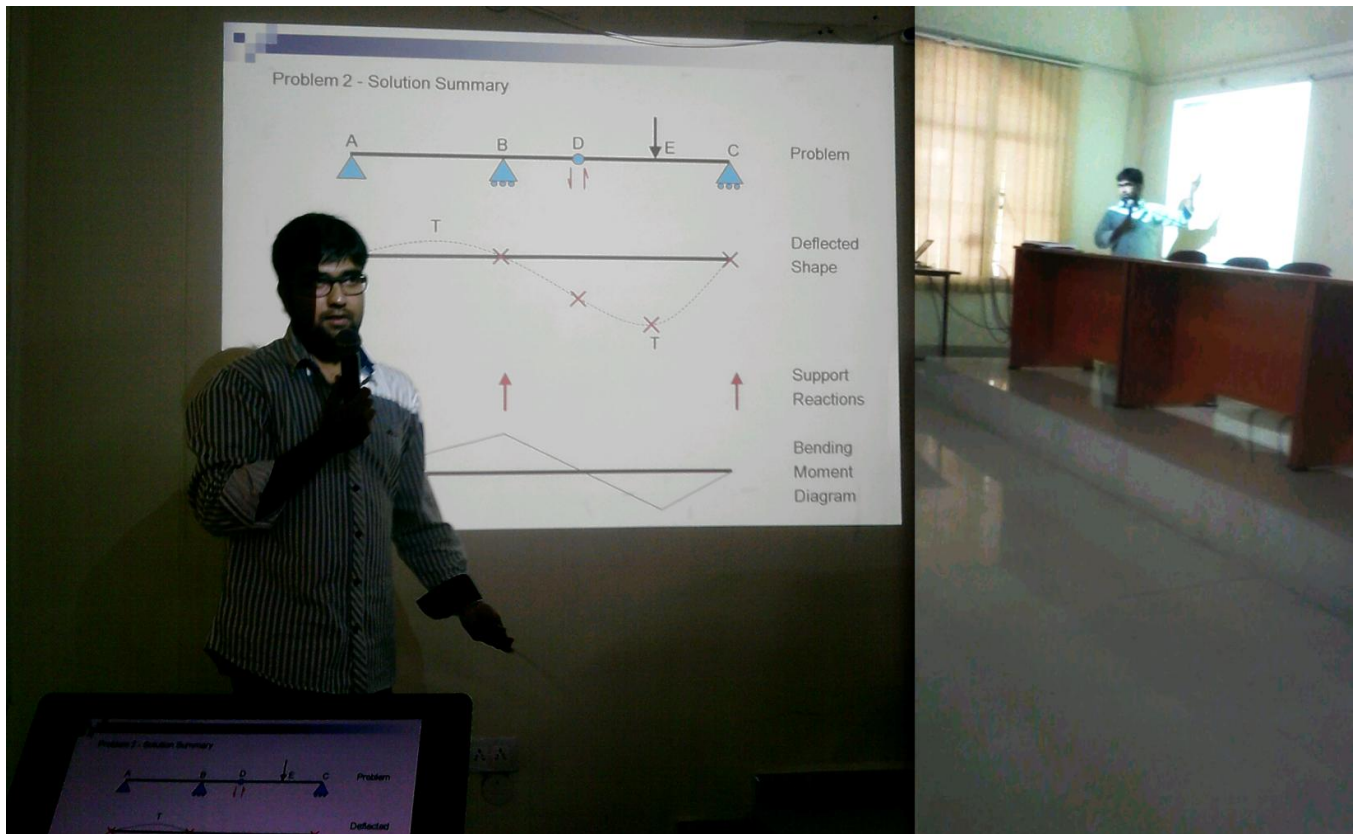


Quizopolis was a very successful quiz conducted by ICI student chapter. The quiz comprised of two rounds, the first being a techno-fun round wherein participants had to guess the technical word enacted by their partners and the qualifying teams enter the second round where they were tested on their knowledge about advancements in concrete. Winners bagged a cash prize with an enthusiasm of participating in further events we organize.



# GUEST LECTURE ON SHEAR FORCE AND BENDING MOMENT DIAGRAMS

Mohammed Azizullah Khan, Structural Engineer at Atkins Limited, Edinburgh gave the students an opportunity to interact with him about the life of a civil engineer, his roles and responsibilities and significance.



He enlightened the fact that Shear Force and Bending Moment Diagrams are not just some theoretical stuff to be memorized but stating the significance of each curve, gave us knowledge of their individual importance which the students did find interesting and got to learn a lot.

This young but highly knowledgeable delegate has done B.E. (Civil), MSc(OGSE) and MSc(Structures) and proved his fantasy about the industry generating an extraordinary feeling of interest within the students by bridging the gap between classroom teaching and practical implementation.



# IMPACT DAY CELEBRATIONS

IMPACT Day is a year-round celebration of Deloitte's commitment to community investment. Many Deloitte member firms around the world participate. Contrary to what the name may suggest, IMPACT Day is not just one day. IMPACT Day activities take different forms and occur at different times of year around the world. IMPACT Day is an opportunity for Deloitte people to put their passion, determination, and skills to use for the benefit of their communities to make a difference in the communities they serve. IMPACT Day activities take many forms and include developing strategic business plans for social enterprises, delivering lessons on business ethics and values in schools, hosting skills-building workshops for not-for-profit leaders, and providing skills-development programs and mentoring to young people.

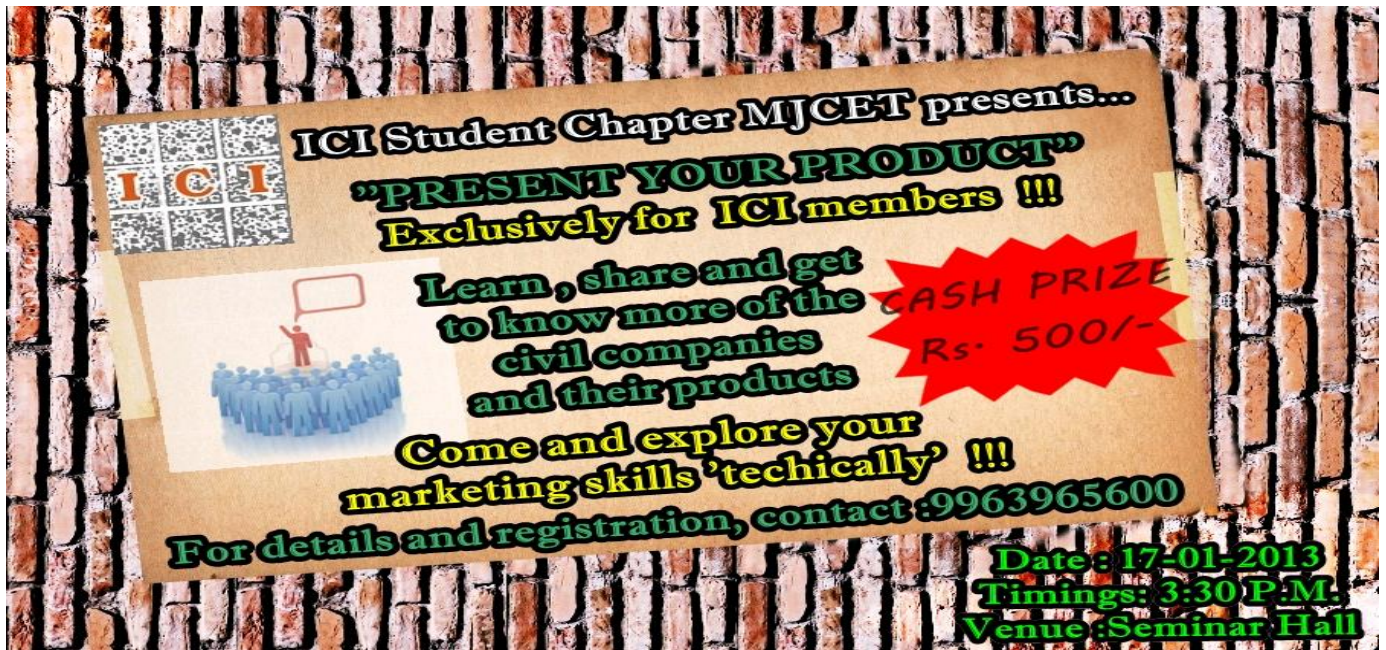


November 23<sup>rd</sup>, 2012, marked the Impact Day celebrations wherein student members of “The Guardian Circle” (an NGO) along with student members of ICI Student Chapter MJCET joined hands with the volunteers from Deloitte for presenting short plays in schools and delivering lessons on basic ethics. Schools selected were Delhi Public School (Nacharam) and Kakatiya Techno Schools (Ram Nagar and Warsiguda)

IMPACT Day was an opportunity for all the ICI members to put their passion, determination, and skills to use for the benefit of their communities. We provided skills-based volunteering and a helping hand to Deloitte and hundreds of students where we share our knowledge and expertise.



## PRESENT YOUR PRODUCT



'Present Your Product' proved to be yet another very successful event of ICI MJCET. The event mainly focussed on entrepreneurship skills of a professional from civil industry. Students had to form a team of three and assume themselves to be owners and representatives on an existing civil constructions company and endorse their company, followed by a questionnaire by the judges. Here we achieved our goal of making the students aware of the existing construction companies and their products and marketing strategies which sure did help them learn about their very own technical field, "Civil Engineering".





# WORLD WATER DAY

World Water Day is celebrated on March 22<sup>nd</sup> every year. Students were selected from all Student Bodies of college to participate in the events organized by the Institute of Engineers, India on the occasion of World Water Day. Events conducted were Quiz and Debate on “Water and Food Security”. We not only bagged prizes in Quiz and Debate but also took active part in a rally campaigning for water security.





## GUEST LECTURE ON MASTERPLANNING AND VISIONING PROCESS IN REAL ESTATE

It was indeed a privilege for students of ICI MJCET to listen to enlightening words of Mr. Swapnil Patil, Director of Beri Group of Industries, USA. Sir's guest lecture was not only very informative but also doubt-clearifying for many.



Students got to learn about master planning and vision process in real estate, wherein Sir started with the key elements of master planning, then explaining township plans with examples of various township master plans such as Saadiyat Island, Abu Dhabi, Seawall lot 337 at San Francisco, etc. We learnt about their visioning workshop, its intended outcome (which includes project understanding, vision development and consensus building), quick decision making and emotional involvement. We also learnt about Transit Oriented Developments (TODs) in public sector and about the 70 acre township master plan at Nagpur.

## INTERNATIONAL WORKSHOP ON REPAIR AND REHABILITATION OF STRUCTURES (GHAZIABAD)

Students of ICI MJCET have been proud attendees of the International Workshop on Repair and Rehabilitation of Structures held on 17<sup>th</sup> and 18<sup>th</sup> of December, 2012 in Ghaziabad, UP, India.



This International Workshop was an opportunity to field engineers, researchers and planners from various countries to put forward their views and formulate an action plan. The workshop did not focus merely on the repair and rehabilitation of existing structures but also deliberation of the innovations and recent development in the field of repair techniques. The efforts of this international workshop were very useful to students for the cause of sustainable development in the present infrastructure scenario of India.

The aim of this workshop which was to share the experiences of experts, researchers and professionals working in this area with focus on good construction practices and techniques was successfully accomplished for our students. In this workshop, it was also attempted to discuss case studies in conjunction with causes of failure and pinpointed remedial measures stressing economic aspects and long term durability and serviceability.

# CONCRETE PANORAMA AND DEMINAR ON INNOVATIVE AND DECORATIVE CONCRETE (BANGALORE)

**Concrete Panorama and Deminar 2013** was a Two-day National Seminar which included Live Product Demonstration and an exhibition on innovative and decorative concrete, organized by Indian Concrete Institute (Karnataka Bangalore centre) and the Department of Civil Engineering(BMS College of Engineering), Bangalore.



Student members of ICI MJCET actively participated in the deminar and thoroughly enjoyed the “Live Product Demonstration”, which proved to be very informative and tried to gain knowledge, experience and technical exposure out of the exhibition. The primary motive of the Concrete Panorama which was discovering the latest and fascinating trends in decorative concrete and various innovations was successfully achieved and the event proved to be extremely helpful to student attendees of ICI MJCET.



## ICI FEST `13 (IIT MADRAS)

ICI Fest was a National Level Technical Camp for civil Engineering students organized by ICI Chennai centre and ICI-IIT Madras Students Chapter.



This two-day camp involved visit to research facilities in civil engineering laboratories at IIT Madras, demonstration on special concrete, technical lectures, short film competitions, oral presentations and poster presentations. Four members of MJCET student chapter made it to attend this commendable ICI Fest

and found it extremely informative and practical.



## **LAUNCH OF OFFICIAL ICI MJCET WEBSITE**

Students of ICI MJCET have not only been active in technical and non technical events but also have successfully made use of the social media in publicising their events and achievements. We have our team of Web representatives who manage both our facebook group and our Chapter`s Website. Through this social media, we ensure that the registered ICI members of MJCET are regularly updated about the events to be conducted in the college and on a National platform. The non members of ICI can view our achievements and events, both upcoming and the completed ones, on our official website [www.icimjcet.com](http://www.icimjcet.com) .



## ONE DAY WORKSHOP – IIT MADRAS

After the ICI Fest in March 2013, ICI MJCET made yet another trip to IIT Madras for a one day National workshop on the 'Do's and Don't's of Construction of Concrete roads and overlays on 23<sup>rd</sup> Sept, 2013. The event commenced soon after the completion of registrations and inaugural at ICSR AUDITORIUM with a keynote address and overview by Dr. L.R. Kadyali.





The workshop dealt with topics like design of concrete pavement and overlays and their mixes, their construction aspects, quality assurance and quality control in construction of concrete pavements, white topping experiences from Mumbai Municipal Corporation, decorative concrete for pavements and footpaths, etc. These topics were divided into sessions during which lunch break was scheduled when students from ICI MJCET interacted personally with all the speakers sharing their knowledge and experiences.



The workshop ended with a panel discussion on sustainable concrete pavement overlays where we actively took part and then departed for the station to catch our train to Hyderabad. It was a very informative and enjoyable trip for all of us and we are looking forward to many more such workshops.

## ONE DAY WORKSHOP ON STABILITY OF STRUCTURES

ICI MJCET office bearers attended the one day national workshop on stability of structures organized by Association of Consulting Civil Engineers (India) in association with Indian Concrete Institute on 27<sup>TH</sup> Sept 2013, at hotel Ramada Manohar (Fortune), Begumpet, Hyderabad.





We found the session very informative and we also got to approach Mr. Bharat Anumolu, Managing Director of Beardsell Ltd., who, on our interest, invited our students to his site for a technical visit so that we get to learn about the new panel technology initiated by them.

## **GUEST LECTURE ON SOFTWARES USED IN CIVIL ENGINEERING**

Technology and software solutions have today revolutionized the world. The same holds true for the Civil Engineering fraternity also where a number of sophisticated computer software have today led to swift solutions, interesting brainstorming sessions and fascinating outputs.



Software programs utilized by civil engineers are not only for the use of designing site infrastructure, but also to maintain it. Amongst the many advantages of technology is its saving of time in turn rendering more time for 'design, besides making designs possible which one could hardly think of with hand. India's construction industry is such an important part of the economy which has led to a need of good software to solve construction related issues. Keeping the significance of importance of softwares in mind, ICI MJCET office bearers invited Er. P.M. Prasad, Managing Director of Brihas Technologies to present a guest lecture on various softwares used in civil Engineering on 30<sup>th</sup> Sept, 2013.



The session proved to be very informative and was highly appreciated by all the student members, who were free to ask questions to sir not only related to softwares but also other developments in the field, issues and solutions to them. We are very grateful to Mr. P. M. Prasad for having spent his precious time sharing his knowledge and experiences with us.

## **TECHNICAL DISCUSSION ON USE OF HIGH STRENGTH STEEL IN REINFORCED CONCRETE STRUCTURES**





A technical discussion was organised on use of high strength reinforcing steel in RC Structures and associated issues by Indian Concrete Institute APHC and MS Agrawal foundries on MS Life 550. Students of MJCET not only volunteered the session and also hosted it. Campus President Mirza Abbas Ali and Vidyasree Anchuri, daughter of Er. SP Anchuri hosted this technical session under the guidance of Er. Yedukondalu Chembeti.



# TECHNICAL PAPER PRESENTATION

Studies show that our number one fear is the fear of public speaking. Hard to believe but it is more prevalent than the fear of death. Being able to speak to a crowd shows ones presentation skills, which happens to be one of the most important skills of a professional today. ICI MJCET polishes its members by bringing to them opportunities of public speaking and presentation. A technical paper presentation was organized for all the students and Mr. Vallinath from Tholety future products was invited as the judge for the event.



The event turned out to be an intercollege event as we receive participations from other colleges as well. Papers were presented on a variety of topics like waste water treatment, disaster management, green building technologies, low cost housing, solar power, soil pollution, turbines, etc.



Over 20 students presented their papers and the top three were given cash prizes and gifts whereas all the participants were given certificates for encouragement. The event not only concluded with its purpose served by instilling courage in the students to talk to an audience but also gave immense knowledge to all the young researchers who got to learn from each others papers.



## INTERNATIONAL CONFERENCE ON INNOVATIONS IN CONCRETE FOR MEETING INFRASTRUCTURE CHALLENGES BY INNOVATIVE WORLD OF CONCRETE ( IWC )

The ICI-IWC 2013 International Conference on *Innovations in Concrete for Meeting Infrastructure Challenge* was organized by the Indian Concrete Institute at Hyderabad, India, during 23-26 October 2013. The idea of holding an international event, *Innovative World of Concrete* (IWC) was originated in 1993. Since then, IWC is being held regularly at five-year intervals in different parts of the country, and it has acquired the status of one of the biggest international events of ICI. This event at Hyderabad happened to be fifth in the chain.



Students of ICI MJCET not only just participated in the conference but also took active organisational part being proud members of ICI APHC. Weeks before the inaugural of conference only, ICI MJCET volunteers were totally indulged in the preparations on site with the APHC Chairman Er. Ar. S.P. Anchuri and Secretary Er. Yedukondalu.



Being a part of the organizers, ICI MJCET students received a very professional exposure working in an organizational environment, tackling inevitable challenges on their way in making the event a mega success.



Alongside attending the 4 days conference, ICI MJCET students also got the opportunity to visit the World of Concrete Exhibition. For the present ICI-IWC 2013, we were fortunate to have the participation from World of Concrete – a world renowned event, which has come to India for the first time.



MUFFAKHAM JAH COLLEGE OF ENGG. & TECH was awarded the Best Emerging Student Chapter Award during the Awards session on the third day of the conference, where Dr. Moinuddin Ahmed (HOD Civil-Dept. MJCET) was honoured by the chairman.





We are very thankful to Headquarters for appreciating our efforts and encouraging us to do more and better. The award did arise the feeling of motivation and we are going to work harder for the next award. We are also very thankful to Er.Ar. SP Anchuri and Er. Yedukondalu for believing in us and supporting us in every possible manner. ICI Student Chapter MJCET would not have been what it is without the constant support from our HOD Dr. Moinuddin Ahmed and all other faculty members associated with us.



**Report prepared by: Mirza Abbas Ali, President ICI (2013-2014), MJCET Student Chapter.**

**Report Endorsed by: Dr.Moinuddin Ahmed, ICI MJCET Faculty advisor & Head, Civil Engineering Department.**