

# **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Affiliated to Visvesvaraya Technological University, Belagavi Approved by  
AICTE, New Delhi & Recognised by Government of Karnataka)  
Shobhavana Campus, Mijar – 574225, Moodbidri.  
Dakshina Kannada Karnataka, India.

## **DEPARTMENT OF CIVIL ENGINEERING**



## **TECHINICAL TALK**

**2017-18**



**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**

Shobhavana Campus, Mijar, Moodabidri, Mangalore Taluk, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726

**DEPARTMENT OF CIVIL ENGINEERING**

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To, Date: 21/04/2017


D.S.Anjaneya Murthy,  
ACCE, Bangalore.

Dear Sir,

**Sub:** Request for Resourceful Talk – Reg.

I am very much pleased to have the honour of inviting you to our institution as resource person to deliver a technical talk on your expertise, on 21<sup>th</sup> September 2017, in the topic of your expertise. I look forward to meet you at our campus.

Your's Truly

  
**HOD.**  
Dept. of Civil Engineering  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225



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### DEPARTMENT OF CIVIL ENGINEERING

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#### **A BRIEF REPORT ON TECHNICAL TALK BY:**

**D.S.ANJANEYA MURTHY,** Association of Consulting Civil Engineers, Bangalore.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Technical Talk** on **Saturday 26<sup>th</sup> April 2017** at civil department Seminar hall, on **"Overview of steel – Concrete composite construction"**.

#### **Programme Proceedings:**

The function began at 10:00 A.M. The gathering was cordially welcomed by **Ms.Aishwarya** (VII Semester). **Ms. Varsha G kori (VII Semester)** of Civil Engineering introduced the resource person to the gathering. **Prof.Nikil N** and **prof. Aditya Tantry, Forum Coordinator**, Department of Civil Engineering, was presided over the function.

#### **Technical Talk by D.S.ANJANEYA MURTHY:**

A technical talk on *"Overview of steel – Concrete composite construction"* presented by the resource person.

A steel beam which is made composite by using shear connectors, composite metal decking and concrete is much stronger and stiffer than the composite metal decking and concrete is much stronger and stiffer than the base beam alone. Composite floor systems are considered by many to be the highest quality type of construction. Advantages of Composite Construction is Connecting the concrete to the steel beams can have several advantages, It is typical to have a reduced structural steel frame cost, Weight of the structural steel frame may be decreased which, Shallower beams may be used which might reduce building height, Increased span lengths are possible frame may be



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decreased which may reduce foundation costs, Reduced live load deflections possible, Stiffer floors and Disadvantages is the additional subcontractor needed for shear connect or installation will increase field costs and also discussed about Composite Metal Decking, Installation of Decking, Shear Connectors etc

#### **Session Closure:**

**D.S.ANJANEYA MURTHY** was honored by **Prof. Nikil N. Mr. Shashi kumar P M** (VIII Semester) proposed the vote of thanks.

#### **SOME PHOTOGRAPHS OF TECHNICAL TALK:**





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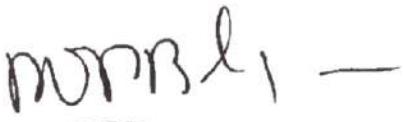
**DEPARTMENT OF CIVIL ENGINEERING**

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Date: 26/ 04/ 2017

**ATTENDANCE CERTIFICATE**

D.S.Anjaneya Murthy, Association of Consulting Civil Engineers, Bangalore, has delivered a resourceful talk "Overview of steel – Concrete composite construction" on Saturday 26<sup>th</sup> April 2017 at our institution. We look forward for future fruitful interaction with him.

  
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Mijar, Moodbidri - 574 225



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**A BRIEF REPORT ON TECHNICAL TALK BY:**

**Er. B.Govinda Ramesh,**

IIMB alumnus and an Entrepreneur,

Bangalore.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, conducted a programme to inaugurate the forum activities and organized a Talk on Thursday, 7<sup>th</sup> September 2017, on "International Patents" by Er. B.Govinda Ramesh.

**Programme Proceedings:**

The gathering was cordially welcomed by Ms. Dhanya (VII Semester). Ms. Soundariya B. (VII Semester) introduced the resource person to the gathering. Prof. B. Durgaprasad Baliga, Head of Department, Civil Engineering, presented a brief report on the programmes organized through Civil Engineering Forum – CIVIATION during previous academic years. Mr. Vivek Alva, Managing Trustee, AEF®, Moodabidri, presided over the function.

**Technical Talk by B GOVIND RAMESH**

A talk on "International patents" was presented by the resource person – Er. Govind Ramesh. He enlightened about present international patent practices. He spoke on how to get an International patent done. The different approaches to be followed to get the international patents. He also spoke about the worldwide patent database.

**Session Closure:**

Er. B Govind Ramesh was honored by Prof. H Ajit Hebbar. Ms. Archana (VII Semester) proposed the vote of thanks. The mistress of ceremony was Ms. Dhanya (VII Semester).





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### SOME PHOTOGRAPHS WITNESSING THE TALK:





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## **DEPARTMENT OF CIVIL ENGINEERING**

Date: 05/09/2017

### **CIRCULAR**

AIET in association with the Department of Civil Engineering is organizing a seminar on "International Patents" by Er. B. Govinda Ramesh, IIMB alumnus, Bangalore on 07/09/2017. All the Final Year Civil Engineering students are informed to attend the same.

**Time: 2:00 PM**

**Venue: Seminar Hall, Department of Civil engineering**

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**DEPARTMENT OF CIVIL ENGINEERING**

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To,

Date: 29/09/2017

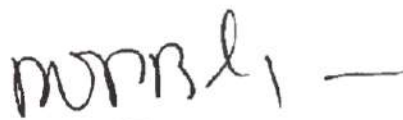
Er. Manjunath S B  
Assistant Engineer,  
KPWD Circle Office  
Mangalore

Dear sir,

**Sub :** Request for Resourceful Talk – Reg.

I am very much pleased to have the honour of inviting you to our institution as resource person to deliver a technical talk on your expertise, on 04<sup>th</sup> October 2017, in the topic of your expertise. I look forward to meet you at our campus.

Your's Truly

  
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#### **A BRIEF REPORT ON TECHNICAL TALK BY:**

**Manjunatha S B**, Assistant Engineer in KPWD, Circle office, Mangalore. Pursuing Ph D in National Institute of Technology, Surathkal.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Technical Talk** on **Wednesday, 4<sup>th</sup> October 2017 in Auditorium at 3 pm**, on **"Investigation and Restoration of Distressed Bridge"** By **Manjunatha S B**.

#### **PROGRAMME PROCEEDINGS :**

The Inaugural function began at 3 pm. The gathering was cordially welcomed by **Ms. Akshatha** (VII Semester). **Ms. Sushmitha** (VII Semester) of Civil Engineering introduced the resource person to the gathering.

#### **TECHNICAL TALK :**

A technical talk on **"Investigation and Restoration of Distressed Bridge"** presented by the resource person started with the introduction of infrastructures and its elements. The second phase had three case studies, firstly WYRA SURPLUS Bridge of Andhra Pradesh was examined by Bridge inspection vehicle and found that the deck slab was shifted from its usual plane because of several reasons such as wrong location of bridge, water currents, large outcrops in the river, etc. Several rehabilitative measures were undertaken to restore the bridge. Second was the GARIKEKANDY BRIDGE, on which several soundness tests like probing test, ultrasonic pulse velocity test and rebound hammer tests were performed and rehabilitation measures were taken. Third was the MUSLIMJUNG Bridge in Andhra Pradesh which developed unexpected cracks on the cantilever end of bridge due to the poor concrete used, incorrect water cement ratio, incorrect spacing of Reinforcement bars etc were the reason to take rehabilitative measures of stitching or bolting with steel



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plates as temporary measures and extending the foundation was the permanent measure taken for restoration of bridge.

#### **SESSION CLOSURE:**

**Manjunatha S B** was honored by **Prof. Aditya Tantry**. **Ms.Sowmyashree** (VII Semester) proposed the vote of thanks as the inaugural function came to an end.

Thanks giving was done at the end of technical session by **Ms.Akshatha** (VII Semester).

#### **SOME PHOTOGRAPHS OF TECHNICAL TALK :**







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To,

Date: 12/10/2017

Mr. Nagesh Puttaswamy,  
Regional Head Ultra tech Cement Ltd.  
Bangalore.

Dear sir,

**Sub :** Request for Resourceful Talk – Reg.

I am very much pleased to have the honour of inviting you to our institution as resource person to deliver a technical talk on your expertise, on 17<sup>th</sup> October 2017, in the topic of your expertise. I look forward to meet you at our campus.

Yours Truly

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#### **A BRIEF REPORT ON TECHNICAL TALK BY:**

**NAGESH PUTTASWAMUY**, 32 years in Civil Engineering & Construction, trainer for skill development for masons, students, contractors & engineers, trainer in presentation skills & techniques, anchor at technical seminars workshops.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Technical Talk** on **Tuesday 17<sup>th</sup> October 2017** in Auditorium hall, on **"ADVANCES IN CONCRETE MAKING MATERIALS"**.

#### **Programme Proceedings:**

The function began at 3:00 A.M. The gathering was cordially welcomed by **Ms. Dhanya** (VII Semester). **Ms. Teena Antony** (VII Semester) of Civil Engineering introduced the resource person to the gathering. **Prof. Aditya Tantry, Forum Coordinator**, Department of Civil Engineering, was presided over the function.

#### **Technical Talk by NAGESH PUTTASWAMY:**

A technical talk on *"Advances in concrete making materials"* presented by the resource person.

Advancements have been made in the type of construction, speed of construction, economics, in more professional ways. Mr. Nagesh Puttaswamy mentioned about 3Ms Mantra of Project management- Mechanization, Materials, Management. Including properties of concrete on demand like Workability with decreased water cement ratio, high workability with high strength and low strength as per the requirements and delayed setting for longer transportation can be acquired.



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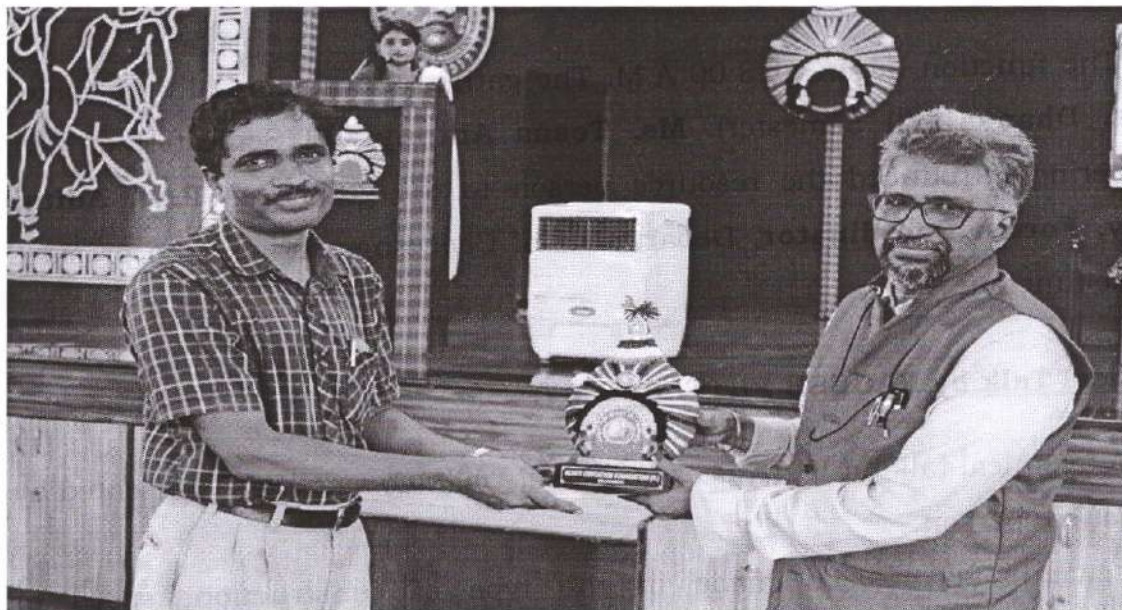
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His talk including new generation concretes for example Autoclaved aerated, Tough concrete, Fibrous concrete system, Quick concrete construction. The new development of Mud concrete with its constituents consisting of Mud, Fly ash, 7-5% of cement and with added chemicals and Smart dynamic concrete.

#### **Session Closure:**

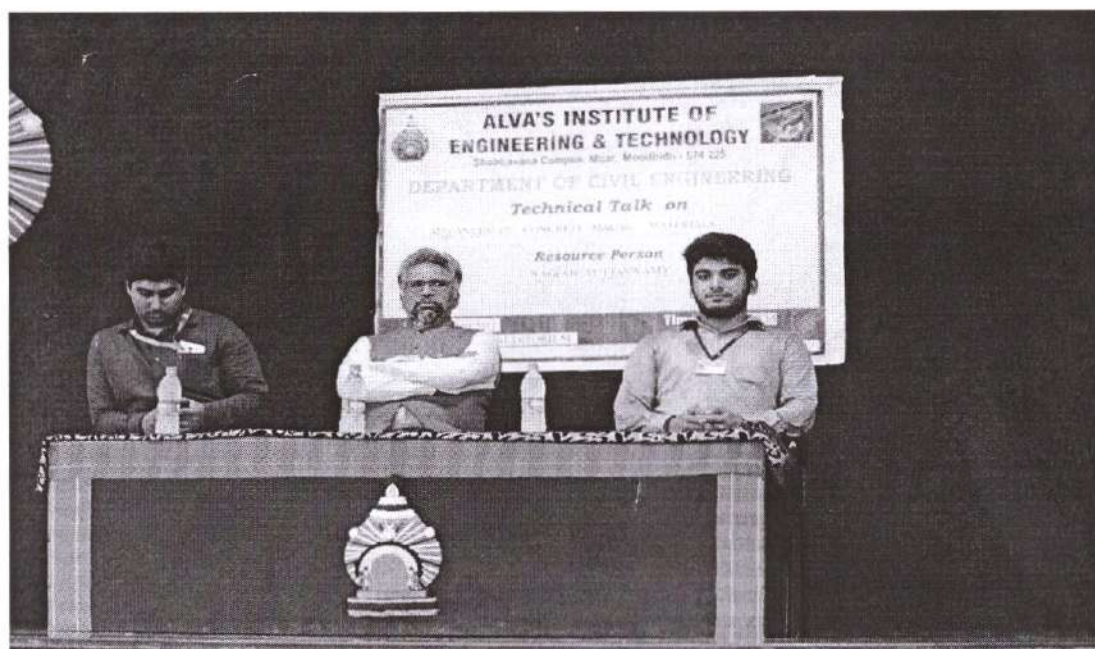
**Mr. Nagesh Puttaswamy** was honored by **Prof. Ms. Archana. M** (VIII Semester) proposed the vote of thanks.

#### **SOME PHOTOGRAPHS OF TECHNICAL TALK:**





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To,

Date: 18/09/2017

Shaik Kabeer Ahmed

Assistant Professor


NMAMIT Nitte

Dear sir,

**Sub :** Request for Resourceful Talk – Reg.

I am very much pleased to have the honour of inviting you to our institution as resource person to deliver a technical talk on your expertise, on 21<sup>th</sup> September 2017, in the topic of your expertise. I look forward to meet you at our campus.

Your's Truly

  
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#### **A BRIEF REPORT ON TECHNICAL TALK BY:**

**SHAIK KABEER AHMED**, Assistant Professor at NMAM Institute of Technology Nitte, Karkala, Karnataka, India.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Technical Talk** on **Thursday, 21<sup>st</sup> September 2017 in Auditorium at 3 pm**, on **"SESMIC PERFORMANCE OF RC STRUCTURES"** by Shaik Kabeer Ahmed.

#### **PROGRAMME PROCEEDINGS :**

The Inaugural function began at 3 PM. The gathering was cordially welcomed by **Ms. Nidhishree** (VII Semester). **Ms. Teena Antony** (VII Semester) of Civil Engineering introduced the resource persons to the gathering. **Prof. Durgaprasad Baliga**, Head of Department, Civil Engineering, had presided over the function.

#### **TECHNICAL TALK :**

Talk on **"SEISMIC PERFORMANCE OF RC STRUCTURES"** presented by Shaik Kabeer Ahmed consisted Earthquake Damaging Effects giving an example of Earthquake in Tohoku, Japan on 11th march 2011. Performance of structure, types of performance checks including linear, static, dynamic analysis, pushover analysis were covered in the talk.

#### **SESSION CLOSURE:**

**Sheik Kabeer Ahmed** was honored by **Prof. Sanjay. Mr. Praveen** (VII Semester) proposed the vote of thanks as the inaugural function came to an end.

Thanks giving was done at the end of technical session by **Ms. Nidhishree** (VII Semester).



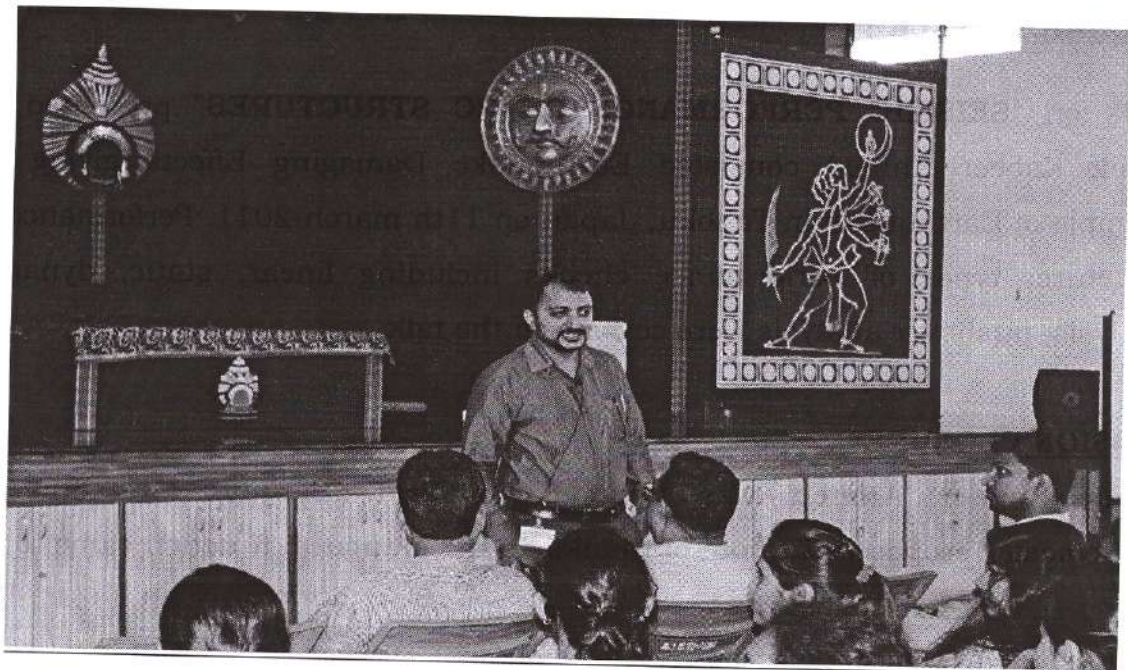
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**SOME PHOTOGRAPHS OF TECHNICAL TALK :**







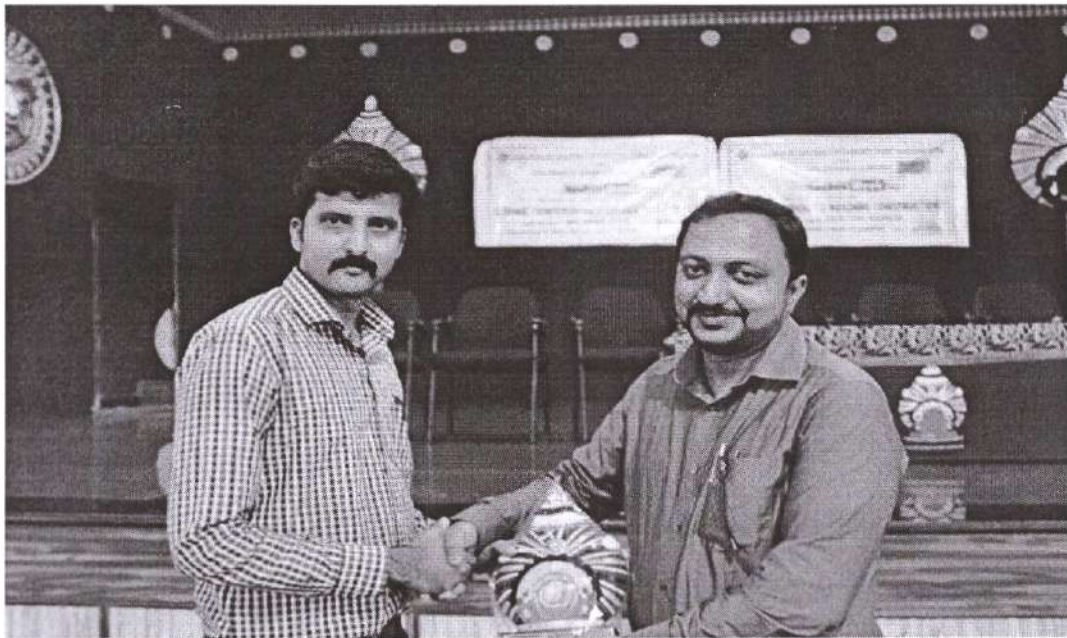
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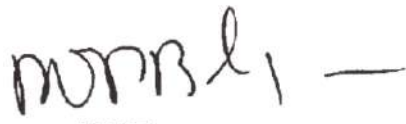
**DEPARTMENT OF CIVIL ENGINEERING**

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Date: 21/ 09/2017

### **ATTENDANCE CERTIFICATE**

Shaik kabeer Ahmed, Assistant professor NMAM Institute of Technology Nitte, has delivered a resourceful talk "Seismic performance of RC structures" on Thursday 21<sup>st</sup> September 2017 at our institution. We look forward for future fruitful interaction with him.

  
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To,

Date: 18/09/2017

Ujwal Dsouza

Director O&A,

Marian Projects Pvt. Ltd.

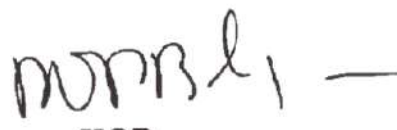
Mangalore

Dear sir,

**Sub :** Request for Resourceful Talk – Reg.

I am very much pleased to have the honour of inviting you to our institution as resource person to deliver a technical talk on your expertise, on 21<sup>st</sup> September 2017, in the topic of your expertise. I look forward to meet you at our campus.

Your's Truly

  
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#### **A BRIEF REPORT ON TECHNICAL TALK BY:**

**UJWAL DSOUZA**, Director, O&A, Marian Projects PVT. LTD., Mangalore also Managing Partner in Marian Infrastructures, Mangalore.

The Civil Engineering Department of Alva's Institute of Engineering & Technology, Mijar, organized a **Technical Talk** on **Thursday, 21<sup>st</sup> September 2017** in Auditorium at 3 pm, on **"INTRODUCTION TO BUILDING MATERIALS"** by Ujwal Dsouza.

#### **PROGRAMME PROCEEDINGS :**

The Inaugural function began at 3 PM. The gathering was cordially welcomed by **Ms. Nidhishree** (VII Semester). **Ms. Teena Antony** (VII Semester) of Civil Engineering introduced the resource persons to the gathering. **Prof. Durgaprasad Baliga**, Head of Department, Civil Engineering, had presided over the function.

#### **TECHNICAL TALK :**

A technical talk on **"INTRODUCTION TO BUILDING MATERIALS"** presented by the resource person, Ujwal Dsouza consisted construction practices from the Stone age to Roman Empire who were the first to introduce lime mortar for arches and domes, including the iron age construction practices and the development through various research, technology and materials.

Examples of 6500 Km great wall of China, Largest religious place in world-Angkor of 400 acres constructed of wholly stone.

#### **SESSION CLOSURE:**

**Ujwal Dsouza** was honored by **Prof. H Ajit Hebbar**. **Mr. Praveen** (VII Semester) proposed the vote of thanks as the inaugural function came to an end.



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Thanks giving was done at the end of technical session by Ms.Nidhishree (VII Semester).

#### **SOME PHOTOGRAPHS OF TECHNICAL TALK :**







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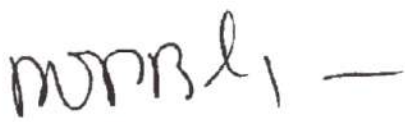
**DEPARTMENT OF CIVIL ENGINEERING**

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Date: 21/ 09/2017

**ATTENDANCE CERTIFICATE**

Ujwal Dsouza, Director O&A, Marine Projects Pvt. Ltd. Mangalore, has delivered a resourceful talk "Introduction to Building Materials" on Thursday 21<sup>th</sup> September 2017 at our institution. We look forward for future fruitful interaction with him.

  
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