

**NEWSLETTER (JUNE 2019)**  
**DEPARTMENT OF CIVIL ENGG**  
**MALNAD COLLEGE OF ENGINEERING, HASSAN**

**HEAD OF THE DEPT: DR. A.J. KRISHNAIAH.**  
**EDITORIAL BOARD:**  
SUMANA JAYAPRAKASH  
DR. MOHAN KUMAR CHAVAN

**VISIT TO THE INDIAN INSTITUTE OF SCIENCE, BENGALURU ON 23<sup>RD</sup> MARCH 2019, BY CIVIL ENGG STUDENTS AND FACULTIES.**

The Department of Civil Engineering organised Institutional Visit to the Indian Institute of Science, Bengaluru on 23<sup>rd</sup> March 2019 on the occasion of Open Day. This programme was organised for both Undergraduate and Post Graduate Students. This visit was very useful to students to get an insight into the Establishment and working of a premier Institution, inspired them to do higher learning in such Institutions and to be able to get expert advise and technical assistance from Resource persons to carry out their project work effectively and efficiently. The students visited the various domains of Civil Engineering comprising of Geotechnical Engineering, Structural Engineering, Water Resources Engineering, Transportation Engineering, CiSTUP, etc.



About 60 students from both UG and PG programs participated. The students actively interacted with the Research Scholars, M. Tech Students of the institute

Dr. B. E. Yogendra, Associate Professor coordinated the programme. The teaching faculty members included Dr. A. J. Krishnaiah, Prof.& Head, Dr. Mohan Kumar Chavan, Prof.Indumathi and Mr.Guruprasad K. Each faculty accompanied about 10 students during visits to various laboratories.

This visit has motivated the students to explore more ideas, concepts, new techniques and presentation skills in upcoming days.

**OPEN DAY IN IISc BENGALURU**

**Geotechnical Engineering**  
**Department of Civil Engineering**  
**Ground Penetration Radar (GPR)**

GPR is an electromagnetic sounding technique that is employed to investigate shallow sub-surface which have contrasting electrical properties.

GPR operates by transmitting short electromagnetic waves into the subsurface and recording and displaying the reflected energy. GPR produces a continuous cross-sectional profile or record sub-surface features, without drilling, probing or digging.

GPR profiles are used for evaluating the location and depth of buried objects and to investigate the presence and continuity of natural sub-surface conditions and features.



Treasure hunt using GPR was conducted, in which the above team of students participated and were successful. As metals are highly reflective to electromagnetic radiations it showed strong reflections in the radiogram. The reflections from Plastic surface were of less intensity. The students were able to find the location of the treasure (metal box) using antenna and receiver. The radargram was displayed on the screen.



## CIVIL ENGINEERING ASSOCIATION

### (CEA)

**Convenor: Dr. Mohan Kumar Chavan**

#### **Felicitation Programme:**

The following students have been identified as toppers in III, V and VII semesters; (Examinations held in Dec. 2018/January 2019). They have received a cash prize of Rs. 5000/- or prescribed textbooks in Civil Engineering / Competitive Examinations worth the same amount..

- |                        |            |         |
|------------------------|------------|---------|
| 1. Ms. Hampana D.      | 9.40 SGPA  | III sem |
| 2. Ms. K. N. Ramya     | 9.40 SGPA  | III sem |
| 3. Ms. K. S. Pooja     | 9.40 SGPA  | III sem |
| 4. Mr. Nandan M. D.    | 10.00 SGPA | V sem   |
| 5. Ms. Bhoomika D.     | 10.00 SGPA | VII sem |
| 6. Ms. Hithashree M.N. | 10.00 SGPA | VII sem |



The teaching faculty, non-teaching staff members and students of Civil Engineering attended the programme.



In this regard the felicitation programme was scheduled on **1<sup>st</sup> March 2019 (Friday)**. On this occasion mementos were distributed to students who participated / won in various inter college competitions/activities, Participants and Winners of the sports activities. The students recruited during campus recruitment and qualified in GATE-2019 were felicitated.



A Technical talk on ‘**Smart Technologies for Smart Construction**’ India Looking Ahead by **Er. Nagesh Puttaswamy, Regional Head, South Karnataka, Ultratech Cement Limited** was organized on **1<sup>st</sup> March 2019 (Friday)** at Seminar Hall, Civil Engineering Department from 12.00 Noon onwards.

This was followed by cultural programme by students.

**PARTICIPATION IN PROFESSIONAL DEVELOPMENT TRAINING AT INDIAN INSTITUTE OF MANAGEMENT INDORE**

Dr. A. J. Krishnaiah, Prof. & Head and Dr. Mohan Kumar Chavan, Professor of Civil Engineering Department have participated Five Days Professional Development Training at Indian Institute of Management, Indore from 28.01.2019 to 01.02.2019. The details on course content delivered by faculty members is as follows:

Topics
Mission/Vision/Goals of Technical Institutions
Stress Management
Industry Interaction
Laboratory Management
RTI
Team Building
Excellence in Higher Education & Consultancy
Pedagogy (teachings)
Use of ICT
Governance System for Higher Education Institutions
Leadership in Higher Education Institutions
Sponsorship for R & D Activities/ R & D Management/ Handling Research in Institute
Incubation and Sponsorship-I & II

The course was well organized and useful in terms updating the knowledge and skills of various domains which include defining vision-mission and goals of Higher Education Institutions. This course also highlight on leadership in Higher Education Institutions which in turn helps to take leading role and decision making.



**ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ ರಕ್ತದಾನ ಶಿಬಿರ**

ದಿನಾಂಕ 23.02.2019 ರಂದು ಯುವ ರೆಡ್‌ಕ್ರಾಸ್ ಘಟಕ ಮತ್ತು ರಾಷ್ಟ್ರೀಯ ಸೇವಾ ಯೋಜನೆ, ಮಲೆನಾಡು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದ ವತಿಯಿಂದ ರಕ್ತದಾನ ಶಿಬಿರ ಏರ್ಪಾಡು ಮಾಡಲಾಗಿತ್ತು. ಈ ರಕ್ತದಾನ ಶಿಬಿರದಲ್ಲಿ 59 ವಿದ್ಯಾರ್ಥಿಗಳು, ಅಧ್ಯಾಪಕರ ವರ್ಗ, ಅಧ್ಯಾಪಕೇತರ ವರ್ಗದವರು ರಕ್ತದಾನ ಮಾಡಿರುತ್ತಾರೆ. ಶ್ರೀ ಚಾಮರಾಜೇಂದ್ರ ಆಸ್ಪತ್ರೆಯ ರಕ್ತನಿಧಿ ವೈದ್ಯಾಧಿಕಾರಿಗಳಾದ ಡಾ: ಡಿ.ಎನ್. ನಾಗಲಕ್ಷ್ಮಿಯವರು ರಕ್ತದಾನದ ಮಹತ್ವ ಮತ್ತು ರಕ್ತದಾನ ಮಾಡುವುದರಿಂದ ಆಗುವ ಲಾಭದ ಬಗ್ಗೆ ಸವಿವರವಾಗಿ ತಿಳಿಸಿದರು. ಗಂಡಸರು ಪ್ರತಿ 03 ತಿಂಗಳಿಗೊಮ್ಮೆ ಹಾಗೂ ಹೆಂಗಸರು ಪ್ರತಿ 04 ತಿಂಗಳಿಗೊಮ್ಮೆ ರಕ್ತದಾನ ಮಾಡಿ ತಮ್ಮ ಆರೋಗ್ಯವನ್ನು ಕಾಪಾಡಿಕೊಳ್ಳುವುದರ ಜೊತೆಗೆ ಆಸ್ಪತ್ರೆಗೆ ಬರುವ ರೋಗಿಗಳಿಗೆ ಅಗತ್ಯವಿದ್ದಾಗ ಅನುಕೂಲವಾಗುತ್ತದೆ ಎಂದರು. ಈ ರಕ್ತದಾನ ಶಿಬಿರದಲ್ಲಿ ರಕ್ತದಾನ ಮಾಡಿದ ದಾನಿಗಳಿಗೆ ನೆನಪಿನ ಕಾಣಿಕೆ ನೀಡಲಾಯಿತು. ಹಾಗೂ ಮಧ್ಯಾಹ್ನದ ಊಟದ ವ್ಯವಸ್ಥೆಯನ್ನು ಏರ್ಪಾಡು ಮಾಡಲಾಗಿತ್ತು.



Dr.

ಅತಿ ಹೆಚ್ಚು ಬಾರಿ ರಕ್ತದಾನ ಮಾಡಿದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಿವಿಲ್ ವಿಭಾಗದ ವಿದ್ಯಾರ್ಥಿನಿಗೆ ವಿದ್ಯಾಲಯದಲ್ಲಿ ಆಚರಿಸಿದ ಗಣರಾಜ್ಯೋತ್ಸವದಂದು ಸನ್ಮಾನಿಸಲಾಯಿತು.



**INVITED TALK AT THE DEPARTMENT OF CIVIL ENGINEERING :**

**EXPERTS:** Dr. Shankar, Professor of Urban and Regional Planning, School of Planning & Architecture spoke on **Importance of Town Planning and Role of Civil Engineers**

Shri. Murali T. V, Joint Director of Town & Country Planning spoke on **Urban Planning- A Systems Perspective.**



The Department of Civil Engineering, Malnad College of Engineering Hassan had organised Invited talk on Urban and Rural Planning on 13<sup>th</sup> April 2019 for the benefit of Final Year Civil Engineering students at the

Seminar Hall of the Department. The program was conducted under the assistance of TEQIP-III.

Dr. Mohan Kumar Chavan, Professor and Coordinator of the programme briefed on the importance of organising the invited talk. He said that having two experts one from academic field and another from Administration side of the State Government will certainly motivate the students to pursue Masters in the premier institutions.

Dr. A. J. Krishanaih, Prof. & Head asked the students for their active participation and to fully utilise the opportunity to update their knowledge.

Dr. M. K. Ravishankar, Professor of the Department of Automobile Engineering Principal Incharge delivered the presidential remarks and asked the students to make effective use of such programs. He appealed to students to take active role in the campus-rainwater-harvesting

Dr. A. J. Krishnaih, Prof. & Head presented memento to the resource persons. Working lunch was arranged for the students staff and the Guests. .



**CONGRATULATIONS TO STUDENTS OF CIVIL ENGINEERING DEPARTMENT FOR FARING WELL IN GATE (Graduate Aptitude Test in Engineering) EXAMINATION 2019**

	<b>Name of the student</b>	<b>All India Rank</b>	<b>Gate score</b>
<b>1.</b>	<b>Manjushree.</b>	<b>6719</b>	<b>522</b>
<b>2.</b>	<b>Sanjay. H. S.</b>	<b>9947</b>	<b>463</b>
<b>3.</b>	<b>Shreyas. M. S.</b>	<b>6811</b>	<b>519</b>
<b>4.</b>	<b>Vasanth Gowda. K. L.</b>	<b>14330</b>	<b>407</b>

## **INDUSTRIAL VISIT ORGANISED FOR STUDENTS OF IV SEM CIVIL ENGINEERING**

The Department of Civil Engineering organised an Industrial visit for the students of IV semester on 4<sup>th</sup>-5<sup>th</sup> April 2019.

The visit covered RMX Concrete India, New Mangalore Port Trust, Light house near NITK Suratkal and Supa dam in Kali Power Project at Dandeli.

The visit to RMX Concrete India helped the students in comprehending the process and preparation of RMX Concrete and its ingredients.

Visit to the New Mangalore Port assisted them to understand various components of a typical port / harbour and the role of a port in exporting and importing of goods, along with the civil engineering aspects of the components of a port.



Supa being the largest concrete dam in the country, the mainstay of hydro power generation by taming the mighty river Kali, was visited and the participants gained an insight as to the big role played by the civil engineers in planning and executing such gigantic structures.



About 70 students participated in the event. Dr. Mohan Kumar Chavan and Mr. Manu K. C coordinated the visit.

Department staff Mr. Srinath Y. S and Mrs. Radhamma, accompanied the students.