

MALNAD COLLEGE OF ENGINEERING, HASSAN  
**DEPARTMENT Of CIVIL ENGINEERING**  
NEWSLETTER JUNE 2019



EDITORS: SUMANA JAYAPRAKASH  
DR. MOHAN KUMAR CHAVAN

# **MALNAD COLLEGE OF ENGINEERING, HASSAN**

(An Autonomous Institution Affiliated to VTU, Belgaum)

## **VISION OF THE INSTITUTION**

To be an institute of excellence in engineering education and research, producing socially responsible professionals

## **MISSION OF THE INSTITUTION**

Create conducive environment for learning and research

Establish industry and academia collaborations

Ensure professional and ethical values in all institutional endeavors.

## **VISION OF THE DEPARTMENT**

The Department of Civil Engineering will be a centre of excellence in industry-oriented teaching, training, research, professional ethics, social responsibility, and continuing education for practicing engineers through sponsored research and consultancy services

## **MISSION OF THE DEPARTMENT**

To improvise the curriculum to include contents pertaining to situational experience of variety of sites and develop a sense of social responsibility and to enhance research orientation of students through internship programs.

To enhance sponsored research and consultancy works to achieve effective industry-institute-interaction and conduct Continuing Education Programme for practicing engineers.

To inculcate professional ethics through quality and modern construction practices.

To switch over to modern methods of material testing, Engineering analysis and design.



## 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 faculty members included Dr. A. J. Krishnaiah, Dr. Mohan Kumar Chavan,



Prof. Indumathi and Prof. Guruprasad K. Each faculty accompanied about 10 students during visits to various laboratories.





## OPEN DAY IN IISc BENGALURU DEPARTMENT OF CIVIL ENGINEERING GROUND PENETRATION RADAR



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

Convenor: Dr. Mohan Kumar Chavan

### **Felicitation Programme: March 1, 2019**

The following students are the toppers in III, V and VII semesters; (Examinations held in Dec. 2018/Jan 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



# CIVIL ENGINEERING ASSOCIATION (CEA)



In this regard The felicitation program was scheduled on 1<sup>st</sup> March 2019. 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 at Seminar Hall, Civil Engineering Department from 12.00 Noon This was followed by cultural program by students





## **PARTICIPATION IN PROFESSIONAL DEVELOPMENT TRAINING AT IIM INDORE**

<b>Topics</b>
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 Management/ Research in Institute
Incubation and Sponsorship-I & II

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:

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.



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

Name of the student

**1.Manjushree.**

All India rank 6719

Gate score 522

**2.Sanjay. H. S.**

All India rank 9947

Gate score 463

**3.Shreyas. M. S.**

All India rank 6811

Gate score 519

**4.Vasanth Gowda. K. L.**

All India rank 14330

Gate score 407

## **BLOOD DONATION CAMP**

### **IN MALNAD COLLEGE OF ENGINEERING**

The Youth Red Cross chapter, the National Service scheme and Malnad College of Engineering Hassan jointly organized the Blood Donation camp, on 23rd of February 2019. The participants in the Blood Donation Camp included the Students, Teaching and Non-Teaching faculty members.

Dr. D. N. Nagalakshmi from Sri Jayachamarajendra Hospital Blood Bank spoke on the importance of Donating Blood and the advantages of Blood Donation. Accordingly she explained that men once in two months and women once in four months can donate blood, which is good for the health of the person donating blood. Not only that it is very helpful for patients in need of blood. Mementoes' were presented to the donors of blood in the camp. Working lunch was arranged as part of the camp.





## INVITED TALK AT THE DEPARTMENT OF CIVIL ENGINEERING :



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, had organized Invited talk on 13<sup>th</sup> April 2019. The program was conducted under TEQIP-III. Dr. Mohan Kumar Chavan, Professor and Coordinator of the program briefed on the importance of organizing 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. Krishniah, Prof. & Head asked the students for their active participation and to fully utilize the opportunity to update their knowledge.

Dr. M. K. Ravishankar, Professor, Department of Automobile Engineering Principal In-charge 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. Krishniah, Prof. & Head presented memento to the resource persons. Working lunch was arranged for the students staff and the Guests. .



## **INDUSTRIAL VISIT for IV SEM STUDENTS**

Industrial visit for IV semester students: 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 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.





# CONSULTANCY ACTIVITIES , DEPARTMENT OF CIVIL ENGINEERING, MCE HASSAN



## Private Organization & Type of Work

Angles Constructions

- Construction Material Testing

ACE Pipelines

- Pumpable Concrete Mix-

BSR Constructions

design

Civil AID

- Water Testing

HTA Groups

Ashwini Concrete Products

- Soil SBC Testing

- Steel Testing

Grasim Industries

- Tor Testing

Suzulon Wind mill

- Surveying with Total Station

- Structural Designs

**LIST OF CONSULTANCY WORKS (2018-19)****SOIL SAMPLES (SBC, CBR )**

SL.NO	DATE	JOB NO	CLIENTS
1	03.04.2018	7048	Ex. Engineer, KTDCL, Shivajinagar, B'lore
2	03.04.2018	7049	Asst.Ex. Engineer, KRIDL, Hassan
3	05.04.2018	7052	Mr.Kishor.T.P. Kandali, Hassan
4	08.04.2018	7065	Asst.Ex. Engineer, No.2, HLBC, Holenarsipur
5	08.04.2018	7066	Mr.Raghavendra, Contractor, Channarayapatna
6	11.04.2018	7072	Asst.Ex. Engineer, KSRTC, Hassan
7	21.04.2018	7084	Mr.H.S.Yathiraju, Vidyanagar, Hassan
8	21.04.2018	7088	Mr.Harshith Gowda, Vidyanagar, Hassan
9	28.04.2018	7090	Mr.Dharmappa.S.G, Vidyanagar, Hassan
10	07.05.2018	7100	Executive Engineer, South Western Railway
11	17.05.2018	7103	Mr.Yathiraj, Contractor, Hassan
12	17.05.2018	7104	B.K.Rekha, Brahmakumar Society, Kananur
13	25.05.2018	7119	M/s. Ediga Sanga, Hassan
14	26.05.2018	7120	Chairman, KSRTC Emp.Hous.Uni, Hassan
15	28.05.2018	7121	Commissioner, CMC, Arasikere
16	21.06.2018	7156	Asst.Executive Engineer, PRE Sub Dn, C.R.P.
17	25.07.2018	7182	Mr.Madhu.G.H.Jayanagar, Hassan
18	02.08.2018	7189	M/s. Roy and Shenoy, Bangalore



**LIST OF CONSULTANCY WORKS (2018-19)****SOIL SAMPLES (SBC, CBR )**

SL.NO	DATE	JOB NO	CLIENTS
19	04.09.2018	7213	The Director, KMF, Hassan
20	11.09.2018	7217	Dr.Kiran Kumar, Hassan
21	15.09.2018	7226	Mr.Shekar Gowda, Contractor, Hassan
22	27.09.2018	7237	M/s. Accor Construction, Bangalore
23	28.09.2018	7240	Asst.Exe. Engineer, No.2PRE Sub Dn,Belur.
24	06.10.2018	7253	Asst.Exe. Engineer, PRE Sub Dn,C,R.Patna
25	12.10.2018	7256	Asst.Exe. Engineer, PRE Sub Dn,Arkalgud
26	12.10.2018	7257	Asst.Exe. Engineer, PRE Sub Dn,Sakleshpur
27	15.10.2018	7258	Asst.Exe. Engineer, PRE Sub Dn,Alur
28	22.10.2018	7267	Mr.Prasad, Contractor, Hassan
29	13.11.2018	7280	Asst.Exe.Engineer.KUWS &DB, Hassan
30	19.11.2018	7288	Asst.Ex. Engineer, KRIDL, Hassan
31	22.11.2018	7292	M/s. Anuadi Constructions, Bangalore
32	30.11.2018	7304	Asst.Ex. Engineer, Minor Irrigation, Arasikere
33	06.12.2018	7311	Asst.Exe. Engineer, PRE Sub Dn,C,R.Patna
34	06.12.2018	7312	Asst.Exe. Engineer, PRE Sub Dn,C,R.Patna
35	07.12.2018	7313	Asst.Exe. Engineer, PRE Sub Dn,Belur

**LIST OF CONSULTANCY WORKS (2018-19)****SOIL SAMPLES (SBC, CBR )**

SL.NO	DATE	JOB NO	CLIENTS
36	11.12.2018	7320	Sr.Section Engineer, SW Railway, Hassan
37	14.12.2018	7324	M/s. Ocean Construction, Bangalore
38	21.12.2018	7331	M/s. Curip, Bangalore
39	28.12.2018	7336	Asst.Ex. Engineer, No.4,HLBC,Doddakadnur
40	28.12.2018	7337	Asst.Ex. Engineer,CNNL, C.R.Patna
41	02.01.2019	7342	Asst.Ex. Engineer,CNNL, Kikeri
42	28.01.2019	7369	M/s. Megha Engg.Infrastructure ltd,Hassan
43	30.01.2019	7376	Mr.Sharath.C, Contractor, Hassan
44	01.02.2019	7378	Sr.Sec.Engineer, South Western Railway,HSN
45	04.02.2019	7380	Asst.Ex. Engineer, No.9,VJNL, Alur
46	07.02.2019	7388	M/s.A.G.Associates,Supar Bazar, Udupi
47	15.02.2019	7398	M/s.Star Hi Heres Pvt.Ltd, H.N.Pur Road,HSN
48	19.02.2019	7406	M/s. A.R.Constructions, Raichur
49	05.03.2019	7421	Mr.B.K.Dinesh Kumar, Contractor, Hassan
50	06.03.2019	7424	Mr.D.Ramachandra, Contractor, Hassan
51	07.03.2019	7427	Dr.Udaya Kumar, Kodlipet
52	11.03.2019	7433	Mr.Shanmuka Sunder, Contractor, Hassan
53	12.03.2019	7435	Asst.Ex. Engineer,No.3,HRBC Sub dv.HNPur
54	27.03.2019	7451	Asst.Ex. Engineer,CNNL, H.N.Pur



**DEPARTMENT OF CIVIL  
ENGINEERING  
GEOTECHNICAL LABORATORY  
FACULTY IN CHARGE:  
Dr. A.J. KRISHNAIAH.**



**TECHNICAL STAFF:**  
Mr. Rangegowda  
Mr. H.K. Mahadevaiah



**DEPARTMENT OF CIVIL  
ENGINEERING  
CONCRETE LABORATORY  
FACULTY IN CHARGE:  
Dr. H.N. NARASHIMHAN**



**TECHNICAL STAFF:  
Mr. M.Thotappa.**

