



TVAKSATI



Half-Yearly News letter

DEPARTMENT OF CIVIL ENGINEERING

Issue #09; January - June 2020



Vision:

To be an Exemplary Centre, disseminating quality education and developing technically competent civil engineers with professional integrity for the betterment of society

Mission:

- To impart technical proficiency through quality education
- Motivate entrepreneurship through enhanced industry-interaction and skill based training
- Inculcate human values through outreach activities

From the HOD's Desk:

As an HOD I believe in strength of a department always lies in its human resources and infrastructure. Both of these have played an immense role in our department's development and growth. As a string team needs a motivational leader, similarly an inspiring leader also needs enigmatic team players for success to emerge The Department of Civil Engineering at BMSIT&M aims at imparting highest level of education inside and outside the classrooms. Our well-equipped and advanced laboratories facilitate experimental learning and various other departmental activities motivate the young minds to learn and evolve.

Established in 2013 and being the youngest department at BMS Institute of Technology and Management, the Department of Civil Engineering; headed by Dr Rajesh Gopinath. The department offers programs at an Undergraduate level with an AICTE approved intake of 60 and houses excellent laboratories, classrooms, and computing facilities for teaching and research.



Outreach Activity:

Inside:

02

Panoramic view:

- Alumni meet
- Expert Talk & Training

TECHNOSPACE:

- Faculty as Resource Person
- Faculty Award
- Webinar
- Students Workshop conducted/organised

03

Outreach Activities:

- Open Coarse
- Clean up drive in Melkote
- AICTE activity in Rajanakunte
- Industrial visit

04

Student Voice:

- Student's Talent
- Memorable moments
- Contact us



PANORAMIC VIEW:

Alumini Meet

About 20 alumni from department of Civil Engineering actively participated in the alumni meet which was held in the Amphi theater on Feb 15, 2020. The alumni interacted with the faculties of civil department on various aspects related to placement opportunities, industry expectations, skill enhancement programs

Expert talk organized:

Department of Civil Engineering organized an expert talk on the topic "Opportunities for higher studies abroad." for pre-final and final year students on 14th Feb 2020.

A seminar was organised for the pre-final and final year students of Dept. of Civil Engineering on 14th Feb 2020. It was carried out in collaboration with M/s IDP International Educational Specialist. The focus of seminar was on opportunities for higher studies abroad. The seminar was delegated by Ms Shashirekha and Ms Sharmila respectively.

The 4th Semester students were actively participated in Expert Technical Talk on "Modern Surveying Tools, Errors, Field difficulties and some Case studies" conducted by Civil Engineering department at Seminar Hall on 27th Feb 2020. The resource person interacted with students related to mapping and surveying of the area, scale, datum, accuracy, topo sheets, ancient survey system and tools. Resource person also discussed about data collection, Error correction, GPS and DGPS, Airborne geophysical survey, drone survey.

Department of Civil Engg organized an expert talk on the topic "Modern Surveying Tools, Errors, Field difficulties and some Case studies" for 4th Semester students on 27th Feb 2020.

Department of Civil Engineering organized an expert talk on the topic "Latest Equipment and Technologies used in Highway Construction and some Case studies" for 6th Semester students on 29th Feb 2020.

The 6th Semester students were actively participated in Expert Technical Talk on "Latest Equipment and Technologies used in Highway Construction and some Case studies" conducted by Civil Engineering department at Seminar Hall on 29th Feb 2020. The resource person interacted with students related to modern equipment's used in road construction .

TECHNOSPACE

Faculty as Resource Person:

Dr Rajesh Gopinath has participated as a resource person in the 10th edition of "Kaiga Bird Meet", from 11th January 2020 to 12th January 2020, organised by Kaiga Nuclear power corporation limited at Kaiga.

Mr Vinod B R, Assistant professor, Department of Civil engineering has extended their support as Resource person for five day faculty development program on "Modern trends in civil Engineering " from 10th to 14th of February 2020 at Dayananda Sagar Institute of Technology.

Faculty Awards:

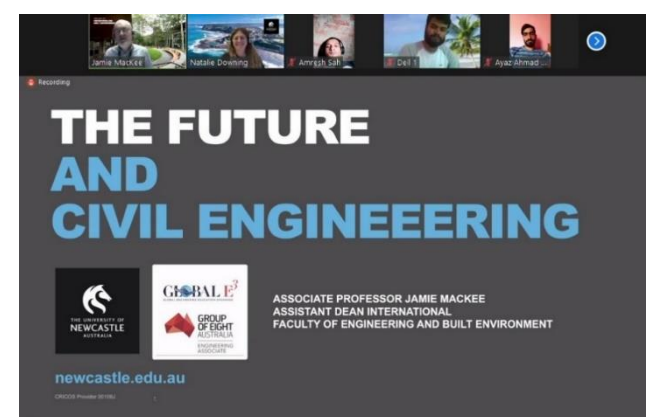
Mr Manishh S Dharek, Faculty, Department of Civil Engineering, , received a Best Paper Award for the research paper titled "Stress strain characteristics of reinforced hollow concrete block masonry melded with mesh reinforcement " at International Conference on Sustainable innovations in Civil and Mechanical Engineering ICSICME 2020 ,organised at SKN Singhad college of Engineering, Pandharpur, Maharashtra on 4th Jan 2020.

Webinar:

For the benvolence of 2015 2016 and 2017 batches, an International Webinar on "The Future and Civil Engineering", was organised on 18.06.2020; in the Department of Civil Engineering, BMS Institute of Technology and Management, in collaboration with IDP (Bangalore Whitefield) and University of Newcastle (Australia). The session was delivered by Prof Jamie Mackee, University of Newcastle; and coordinated by Dr Rajesh Gopinath from Department of Civil Engineering, BMS Institute of Technology and Management.

Students Workshop conducted/ organised:

The 4th Semester students were participated in 1 day hands on training program on Total Station Survey conducted by P.S Instruments, Bangalore on 22nd Feb 2020. There are about 52 students actively participated and learnt the concepts Total station survey. The students also were showing more interest on this training. It is a part of data collection from the ground related to Land surveying, Water supply, New tank project, highway projects etc. Further, overall, the training went well and received very good and positive response from the students.



Outreach Activities

OPEN COURSE

Open course titled “Sustainability in Civil Engineering: from Sustainable Materials to Sustainable Technologies” was conducted from June 16.06.2020 to 20.06.2020 for a duration of 5 days in online mode. A total of 14 sessions were conducted covering various topics related to sustainability. About 46 students from II year and III year actively participated in this program. This program was coordinated by Dr P Velumani and Prof Manishh S Dharek

The Department of Civil Engineering had organised an Open course on "Design of Environmental Systems" for 2nd and 3rd year students during 16.06.2020 to 20.06.2020. Ten experts gave talks on various topics like sustainability of environmental systems, Hazardous landfill management, Waste Water Treatment Systems and their design and other environmental related systems. The talks were very informative in terms of real life projects and case studies and was well appreciated by students

Clean up drive in Melkote

As part of outreach activity, the students of 6th semester (2017 batch) donated sports accessories to government higher primary school, melkote on 24th Jan 2020. The facilities faculties present at the programme also interacted with the school students discussing the role of sports and importance of education.

As a part of the Outreach activity, 6th sem Students & Staff of Dept of Civil Engineering have carried out Plastic Cleanup Drive at the Temple township of Melkukote while carrying out the Extensive Survey Camp, from 19-24th Jan 2020.

AICTE activity in Rajanakunte

Mr Vinod B R , Assistant Professor, Department of Civil Engineering has extended their support for AICTE activity on 5th Feb 2020 at Addivishwanathapura village

Report on AICTE activity in Addivishwanathapura, Rajanakunte Grampanchayat, Bangalore Rural District.

The AICTE activity was carried out in Addivishwanathapura village, Rajanakunte Grampanchayat, Bangalore rural district on 5th Feb 2020. This village is located 8km from BMSIT& M College towards Doddaballapur road. Students were carried out cleaning of park and government school.

There are about 30 students participated in this program. The students were happy to interact with village people. Coordinated by Mr Vinod B R , Miss Pooja ,Mr .Mahesh Kumara AM

The AICTE activity was carried out in Sreeranhalli village, Rajanakunte Grampanchayat, Bangalore rural district on 4th Feb 2020. This village is located 8km from BMSIT& M College towards Doddaballapur road. Students were given awareness to village people about Aadhar Card, Ration Card and Industrial development. Further students were discussed and collected information about Village history, Shops, Hospitals, Schools and college. There are about 41 students participated in this program. The students were happy to interact with village people.

Dr. Chandrashekarappa A , Assistant Professor, Department of Civil Engineering has extended their support for AICTE activity on 4th Feb 2020 at Sreeranhalli village, Rajanakunte Grampanchayat, Bangalore rural district

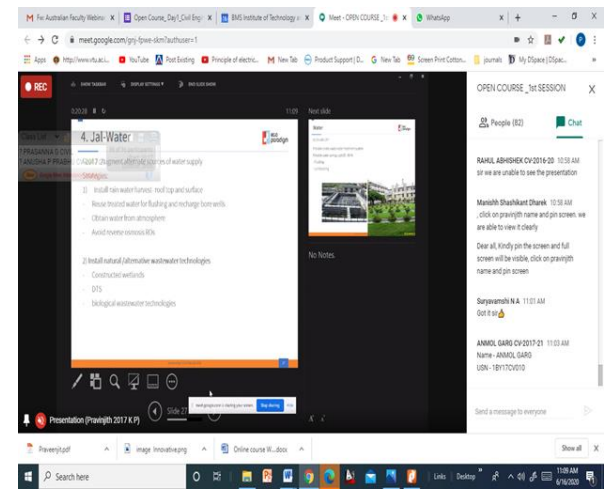
Dr. Rajesh Gopinath, Associate Professor and Mrs. Prasanna G, Assistant Professor, Department of Civil Engineering has extended their support for AICTE activity on 4th Feb 2020 at Sreeranhalli village, Rajanakunte Grampanchayat, Bangalore rural district.

BMS Institute of Technology and Management students were carried out AICTE activity in Sreeramanahalli village, Rajanakunte Grampanchayat, Bangalore rural district on 6th Feb 2020. This village is located 8km from BMSIT& M College towards Doddaballapur road. Students were interacted with village people about awareness of Aadhar Card, Ration Card, and Industrial development and also collected above data from the village. Further students were cleaned the park and discussed about Village history, Shops, Hospitals, Schools and college. The Dr. Rajesh Gopinath and Mrs. Prasanna G faculty members were accompanying with the students.

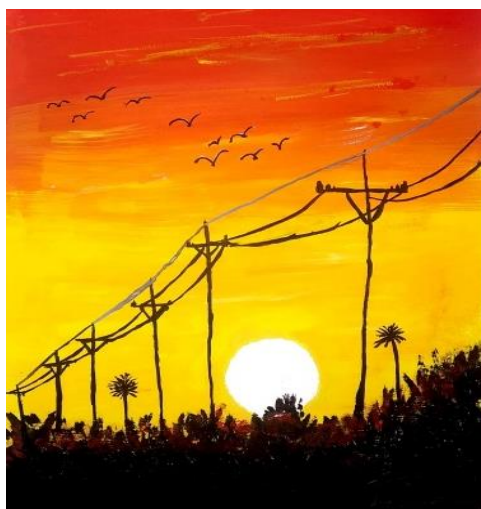
Industrial Visit:

An industrial visit was arranged by the Department of civil engineering for 1st semester at "Sir M Vishweshwaraiah water harvesting theme park" on 17th Feb 2020.

As a part of innovative teaching methodology , students of 6th semester (2017 Batch) were exposed to site conditions With respect Course Title HIGHWAY ENGINEERING and CONSTRUCTION MANAGEMENT AND ENTREPRENEURSHIP , Course Code 17CV63,17CV61 on 11-3-2020 under the guidance of Mr Vinod B R and Mrs Shobha R Assistant Professor, Department of Civil Engineering ,BMSIT&M. Learnt concepts about New road alignment in mountain terrain and Material management at Kailasagiri cave temple Kaivara, Chickballapur district of Karnataka state.



STUDENT VOICE



Art by Shaik Arshiya Sadaf,
2nd Sem

Memorable Moments

Chandana N Swamy bearing the USN 1BY17CV016 of 6th semester, Civil Department performed KATHAK dance on the auspicious account of MAHASHIVARATHRI in Gayathri Devi Temple, Yeshwanthpura, Bengaluru.

Chandana N Swamy bearing the USN 1BY17CV016 studying in 6th semester, Dept of Civil Engineering performed the dance KATHAK on 22nd February 2020 for the festival " UTSAVA HABBA " which was organised by the Veeranjeneya Swami Prasanna Temple, Mahalakshmi Layout, Bengaluru.

MOTHER

There are ANGELS

God puts on this Earth

Who care for us and guide us,

You can feel their love and gentleness

As they walk through life beside us.



They do great things for us every day

They whisper in our ears,

They even hold us in their hearts

When we are filled with all our fears.



They are always there to give a hug

And try to make us smile.

They treat us with respect and love,

God blessed me with an Angel

I am proud to call my own.

She's been with me throughout my life,

With me as I've grown.



She has guided me the best she can,

She's taught me like no other

And I am thankful, I am the lucky one,

Who gets to call her

MOTHER

-Poem by Varsha G, 2nd Sem



LOVE

Love is not melody sung by two

It is common which every man can do

It can start from mother to child

But it is the thing which will ever end ...

It can be story which is never told

But it is not a thing which can be sold

It is sweet memory which remains in our mind

Some may search and some may never find

We can't imagine when does it start

And it is not only present in mind but also in heart

Love for country let it grow

Let it be constant not TO and FRO

-Poem by Renuka C T, 2nd Sem

Editorial: Team Tvaksati

Faculty coordinator, Department of Civil Engineering

- **Mrs. Shimna Manoharan**

Student coordinators

- **R S Hitesh Gowda, Varsha G**

Mail us at tvaksati.civil@gmail.com