



RAJARAJESWARI COLLEGE OF ENGINEERING

(Affiliated to the Visvesvaraya Technological University, Belgaum)

(Recognized by the AICTE, New Delhi)

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DEPARTMENT OF CIVIL ENGINEERING

SHILANYAS - CEA NEWSLETTER

June 2017

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Prof. Arpitha.K



VISION

College: To emerge as one of the top ten Technical and Management Institution in the State of Karnataka by 2020

Department: To excel in undergraduate instruction in all areas of Civil Engineering with excellent professionalism, sound and technical knowledge and in service to the public to meet technological demands economically and ethically.

MISSION

College: To consistently strive for academic excellence to become a leading Institution in the field of Engineering, Management and Research and produce competent and ethically sound man power for the benefit of industry, society, nation and the global environment

Department:

To attain quantifiable excellence in providing technical education
To motivate incumbent's research oriented
To provide adequate practical knowhow's with good field training
To motivate the students for ethical practices in Civil Engineering

From Principal's Desk

The Civil Engineering Department has to meet all social needs like good shelter, water facility, transport facility, good environmental and many more. I am confident that the Department of Civil Engineering is proficient enough to provide all these and produce qualified Civil Engineers to be a great driving force in the progress of society.

From HOD'S Desk

The Department of Civil Engineering has full-fledged and well qualified faculty members in various disciplines of Civil Engineering to meet the demands of the society. Faculty members are encouraged to publish Technical Papers in National, International Conferences and Journals. Apart from class room teaching, the students are exposed to seminars on recent advancements in various fields by eminent persons in the field of Civil Engineering. I am sure these measures will enhance the production of quality Civil Engineers with good professional ethics.

CIVIL ENGINEERING ASSOCIATION – SHILANYAS

- ❖ Extensive survey for sixth semester for duration of 10 days at Janapadaloka, Ramanagaram District 15th January 2017 to 24th January 2017
- ❖ Technical Seminar – “E Surveying” by Shivashankar.S on 26th Sep 2016
- ❖ Technical Talk- “Project Management and E Tabs software” by H.M.Raghunath on 3rd March 2017
- ❖ Technical talk-“Field Astronomy” by Dr.H.S.Govardhana Swamy & Prof. Arpitha K on 4th March 2017
- ❖ Technical Activity conducted by “CADD Competition” Abhinav Deshpande on 10th March 2017
- ❖ Technical Activity of Model Making conducted Dr.Govardhana SwamyProf & HOD on 28th March 2017
- ❖ Technical talk on “Smart dynamic Concrete” by Pradeep K Hompole on 1st April 2017
- ❖ Technical Seminar conducted on “Bentley Softwares in Civil” by Mahesh D S on 4th April 2017
- ❖ Technical talk on “Remote Sensing and GIS” by Dr.H.S.Govardhana Swamy on 11th April 2017
- ❖ Industrial Visit to “Resource Development Company” on 18th April 2017
- ❖ Industrial Visit to BWSSB T.K Halli Plant on 27th April 2017
- ❖ Technical Talk by Veda Technologies on **Digital Design and Prototyping-Market trends and challenges**

**Extensive survey for sixth semester at
Janapadaloka, Ramanagaram District
15th January 2017 to 24th January 2017**

Extensive survey camp is a part of the curriculum for the students of sixth semester .The camp was conducted for duration of 10 days at Janapadaloka, Ramanagaram District 15th January 2017 to 24th January 2017.The students camped at Government premises adjoining Janapadaloka.



Students conducting survey for old tank project



Highway project survey

Technical Seminar - “E Surveying”

Mr. Shiva Shankar. S gave the power point presentation, elaborately explained about E-Surveying and the data retrieving information collected from total station and preparing necessary route maps and longitudinal sections & Cross sections of the route and other relevant calculations.



Students gathered for a technical talk on E-surveying



Guests on the dais

Technical Talk- “Project Management and E Tabs software”



Project Management and E Tabs software by H.M.Raghunath

Technical talk-“Field Astronomy”



Prof Arpitha K delivering talk on Field Astronomy

Technical Activity-CADD Competition



Abhinav Deshpande addressing the students

Technical Activity-Model Making



Models made by the students

Technical talk on “Smart dynamic Concrete”



Pradeep K Hompole receiving the memento

Technical Seminar on “Bentley Softwares in Civil Engineering”



Mahesh D S presenting a talk on different softwares

Technical talk on “Remote Sensing and GIS”



Prof and HOD Civil department, dr H.S.Govardhana Swamy with the technical talk organisers

Industrial Visit to RDC Plant



Suhas Jain, Plant Incharge interacting with students



Suhas Jain, Plant Incharge interacting with students

Industrial Visit to BWSSB T.K.Halli





T.K.Halli water Treatment Plant

Research papers published 2016-2017

1. Gangadhar. N

- i. Study of Seismic Behaviour of Tall Irregular Buildings Under Influence Non Parallel And Offset Irregularities.-IRJET, vol 4, issue 3, march 2017, pp 978-985
- ii. Seismic effect of RE-Entrant and Tensional Irregularities on Multi Storey Buildings - IRJET, vol 4, issue 3

2. Kamalakar. G.K

- i. An overview of determination of cement concrete abrasion in pavement – IJSART, vol 3, issue 5, may 2017, pp 932 – 935

Workshop attended 2016-2017

1. **Dr. H S Govardhanaswamy -**
 - i) National technical seminar on trend civil engineering (DBIT,Bangalore) - 9/1/2016
 - ii) Application of Total Station in Advanced Surveying"(ACS Bangalore) - 2/3/2017
2. **Kamalakara. G.K**
 - (i) Research methodology and latex - 20/12/16 to 22/12/16
3. **Veena.N**
 - i) The Challenges in water resource management and rain water harvesting and ground water recharge – 21/04/ 2016.
 - ii) Nano structured smart and electronic material – 8/1/2016
 - iii) Explorations in civil engineering GCE ,Ramnagar-01/06/2017
 - iv) Six days Workshop on "Low Carbon Materials" at IISC,Bangalore (24-29th July 2017)
4. **S.Sahana Sastry**
 - i) The Challenges in water resource management and rain water harvesting and ground water recharge – 21/04/ 2016.
 - ii) Nano structured smart and electronic material – 8/1/2016
 - iii) Explorations in civil engineering GCE ,Ramnagar-01/06/2017
 - iv) Six days Workshop on "Low Carbon Materials" at IISC,Bangalore (24-29th July 2017)
5. **Abhish.M.S**
 - i) Nano structured smart and electronic material – 8/1/2016
6. **Gokul G**
 - i) Application of Total Station in Advanced Surveying"(ACS Bangalore) – 2/3/2017
 - ii) Advanced design of Steel Structures (BIT, Bangalore) – 04/04/2017
 - iii) Advanced design of Steel Structures (Brindhavan College of Engineering, Bangalore) – 28,29/04/2017
7. **Gangadhar. N**
 - i) Transportation Innovative Design & Construction Practice in Highways, Bridges & Flyovers- 15,16,17/3/2017
 - ii) Advanced design of Steel Structures (Brindhavan College of Engineering, Bangalore) – 28,29/04/2017
 - iii) Research Methodologies
8. **Nageshwara Gupta**
 - i) "Application of Total Station in Advanced Surveying"(ACS Bangalore) – 2/3/2017
9. **Ashwini. L.K**
 - i) Advanced design of Steel Structures (Brindhavan College of Engineering, Bangalore) – 28,29/04/2017
 - ii) Explorations in civil engineering GCE ,Ramnagar-01/06/2017
 - iii) Six days Workshop on "Low Carbon Materials" at IISC,Bangalore (24-29th July 2017)
10. **Babitha.M**
 - i) Explorations in civil engineering GCE ,Ramnagar-01/06/2017
11. **Arpitha K**
 - i) Six days Workshop on "Low Carbon Materials" at IISC,Bangalore (24-29th July 2017)

