



P K M Educational Trust®

R.R. INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi & Government of Karnataka)

DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER-2018

Volume 02 Issue 02 July 2018

VISION:

To become a premier department by producing technically competent Civil Engineers who can meet the needs of Industry, Society and Environment.

MISSION:

To reinforce high skill set among students and staff through innovative teaching learning process, in site training, research, consultancy and interaction with reputed technical institutes, R & D organizations and industries with a holistic concern for ethics, environment and society.

EDITORIAL STAFF:

Dr. G Sankara

Professor & HOD

Thanushree M S

Sindhu M R

Assistant Professors

Greetings from Principal

I'm very pleased to note that the Department of Civil Engineering is showcasing their activities and achievements through the department newsletter.



I wish them all the best in their endeavor.

Message from HOD



The Even semester of 2017-18 had been a very beautiful time for the department of civil engineering. I am delighted to present this news letter that chronicles technical workshops, student development programs, expert talks on innovation in civil engineering and green campaigns. Looking ahead we are planning several technical activities. We are trying to provide more facilities to staff and students. VTU has made changes in the curriculum viz., Internship for final year students, structural detailing lab in 7 semester & new 2018 scheme etc in line with AICTE Curriculum.

DEPARTMENT TECHNICAL ACTIVITIES

ORIENTATION PROGRAM



Department of Civil Engineering organized the orientation program for 4th, 6th and 8th semester students on 5th Feb 2018. Prof. R.S Patil briefed about recent trends in civil engineering and also the syllabus to the students. Prof. Rudraswamy M P spoke about training and placement activities for final year students.

SURVEY CAMP



As a part of academic curriculum, an extensive survey camp was held at SS Ghati from 12th to 22nd Jan 2018. The 5th semester students actively participated & learnt the various projects like Highway, New tank, Old tank, Water supply and town planning.

ONE-DAY WORKSHOP



Department of Civil Engineering organized one day workshop on “ Environmental Law for Engineers” On 20th April 2018. Event was conducted in seminar hall Civil Engineering Block. Capt S Rajarao, Former member secretary, Karnataka State Pollution Control Board, delivered technical talk on environmental laws. HOD Dr. Basavaraj Itnal spoke about the importance of environmental legislation. In charge Principal Dr. K

Venkatesh addressed the event. The event was coordinated by Mr. R S Patil & Mr. Jagadeesh B N. Around 80 students witnessed workshop by their presence.

TECHNICAL TALK

A technical talk was conducted by the Department on “INNOVATIONS IN CIVIL ENGINEERING” on Wednesday, 9th May 2018 in main seminar hall. There was a talk on the innovation in Civil Engineering by Mr. H. Rajasimha, Technical Advisor, Karnataka Industrial Area Development Board, Bangalore. The aim of the seminar was to highlight innovations with respect to design, construction, maintenance, evaluation, rehabilitation and development.



INDUSTRIAL VISIT

Students of 6th semester had been to WATER TREATMENT PLANT in Thorekadanahalli, Mandya district, on 9th May 2018, where the water is received from Shiva balancing reservoir under gravity through 2600 mm dia pipeline and it is treated in various treatment units adopted in water treatment plant. It was real time experience for students to know how the raw water is treated and the technologies employed.



STUDENT DEVELOPMENT PROGRAM

Department of Civil Engineering conducted a Student development program on “ADVANCED SURVEYING” on Friday, 13th April 2018 in Main Seminar hall. Inauguration of the program was at 10.15 AM followed by a technical talk by Mr. Bhavan Kumar, Assistant Professor, Department of Civil Engineering, Presidency University, Bangalore. He made an elaborate presentation about field astronomy and solved problems related to it.



MERAKI—2K18 [PROJECT EXHIBITION]



The annual project exhibition “Meraki-2018” was organized at college level. As per the academics the projects conducted by the final year students of various departments was displayed during the event, where students of civil department participated actively in the event. The best project award was given to D Swathi, Meghashree N, Sneha P, Usha K students of 8th semester for the project “Waste water Treatment using Vermification technique” Guide by Prof. Gurubasavaraj S G & Prof. Praseeda E.

NOTABLE PROJECT OF CIVIL DEPARTMENT 2K17-2K18

1. “Comparative analysis of soil moisture using digital sensor on irrigation”
Guide: Prof. R S Patil
Students: Sagar J T, Ajith , Prateeksha, Keerthana
2. “Comparative analysis of various LLRS using Response spectrum”
Guide: Prof. Sindhu M R
Students: Akash A, Siddharth P, Shamanth P, Venkatesh D V
3. “An experimental investigation on Physical properties of Geopolymer concrete”
Guide: Prof. Gunasheela P
Students: Vijay Kumar P, Mahantesh Kiragi, Md.Ashraf Pasha A

OTHER ACTIVITIES

GREEN CLUB EVENT



The green club conducted an awareness program “MARCH TOWARDS SUSTAINABILITY” on 24th March 2018. The event was carried out by the club coordinators, Ms. Gunasheela P and Kavyashree L M. The rally began from RRIT college and marched up to in and around of Chikkabanavara, which carried a message about how important to save green and the impacts of the deforestation on the earth’s environment. On the day’s event sampling were distributed and the fund amount of Rs 6000/- was collected and donated to children's of IDEAL blind school.

BASAVA JAYANTHI



Basava Jayanthi was celebrated at RRIT on 23rd April 2018. The college level program was organised by the Department at RRIT Seminar Hall Main building. HOD Dr. Basavaraj N Itnal, welcomed the guests Prof. D S Chougule, Shri Dilawar Ramdurg, The Principal and Management. Garlanding of Lord Basaveshwara Portrait was done by dignitaries. Prof. Harish V introduced guest speakers. Prof D S Chaugule delivered talk on the topic “Basava and constitutional values”. Shri Dilawar Ramadurg spoke about “Basava and labor based economy. Dr. Itnal explained about gods, religions, temples and Basavanna. Principal Dr. M B Manjunath addressed the event. Mr. R S Patil, Assistant Professor, proposed vote of thanks.

KALATHARANGA 2K18

The annual cultural event KALATHARANGA 2k18 was held on 6th and 7th April. The students of the department actively participated in all the cultural events of RRIT and bagged various prizes.



SPORTS DAY

The annual sports day was conducted on 20th-24th March, 2018. Various indoor and outdoor sports were organized for the students. The students participated and won prizes in various sports.



WELCOME TO NEW FACULTIES



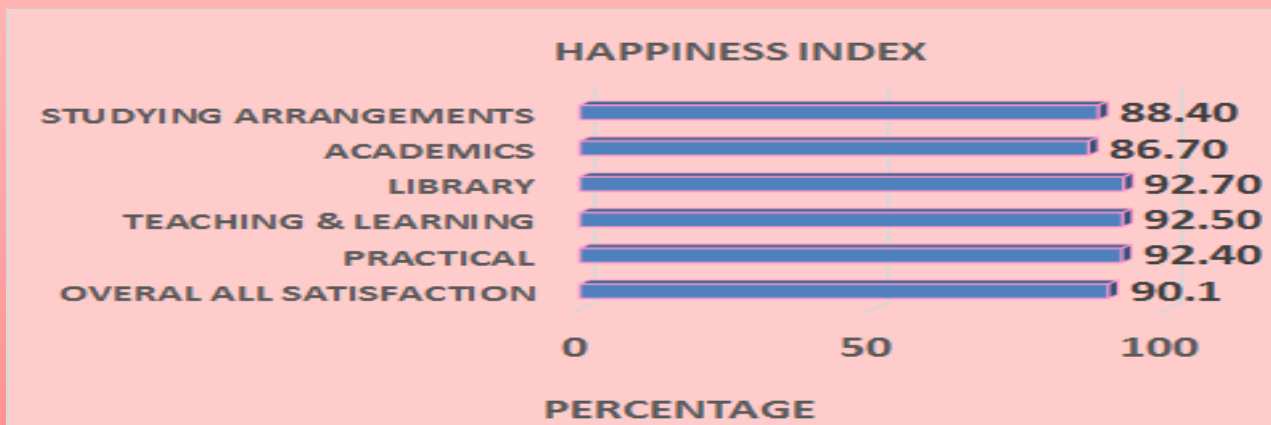
Dr. Basavaraj N Itnal
 Professor & head of the department
 DOJ : 22/01/2018
 Ph.D.: Environmental Engg
 Jain University.

Dr. Gullapalli Sankara
 Professor
 DOJ : 22/03/2018
 Ph.D.: Geotechnical
 Engg, IISC



QUALITY OF COLLEGE LIFE (QCL) INDEX

The graph shows the college life satisfaction index of our valued outgoing students of 2017-18 based on their feedback on various academic activities of the department. The graph stands at the overall percentage of 90.5%.



MOU'S

The Department has signed Memorandum of Understanding with ZAK consultants, Kites Construction Academy & Synergy School of Business Skills with an objectives to provide employable skills, awareness of latest tools and technics and to provide maximum placement opportunities for the students.

FACULTY ACHEIVEMENTS

Sponsored projects

Final year student projects were funded by Karnataka state council for science and technology KSRSAC

SI No	TITLE OF THE PROJECT	NAME OF THE GUIDE	SANCTIONED AMOUNT (RS.)
1.	COMPARATIVE ANALYSIS OF SOIL MOISTURE USING DIGITAL SENSOR ON IRRIGATION	Mr. R S PATIL	7000/-
2.	STABILIZATION OF BLACK COT-TON SOIL USING WASTE PAPER SLUDGE ASH	MS. KAVYASHREE L M	6000/-

FACULTY RECOGNIZATION

- Dr. Basavaraj Itnal, Prof. Ravi Patil, “ Effects of plans configuration on seismic vulnerability of RC buildings” in International Conference on Smart city in India: Issues & Challenges organized by Dept. of Civil & Mechanical Engineering, SVCE held on 22nd and 23rd, May 2018.
- Dr. Basavaraj Itnal, Prof. Ravi Patil, “ Effects of partial replacement of natural sand by the blends of alternatives” in International Conference on Smart city in India: Issues & Challenges organized by Dept. of Civil & Mechanical Engineering, SVCE held on 22nd and 23rd, May 2018.
- Dr. Basavaraj Itnal, Prof. Ravi Patil, “ An Overview on optimization of Concrete Mix Design” in International Conference on Smart city in India: Issues & Challenges organized by Dept. of Civil & Mechanical Engineering, SVCE held on 22nd and 23rd, May 2018.

- Dr. Basavaraj Itnal, Prof. Ravi Patil, “ Papercrete and efficient use of Waste paper” in International Conference on Smart city in India: Issues & Challenges organized by Dept. of Civil & Mechanical Engineering, SVCE held on 22nd and 23rd, May 2018.
- Dr. Basavaraj Itnal, “ Experimental study on strength gain in concrete with high volume flyash subjected to different weathering conditions”, in International Conference on Smart city in India: Issues & Challenges organized by Dept. of Civil & Mechanical Engineering, SVCE held on 22nd and 23rd, May 2018.
- Prof. Gunasheela P, “ Experimental study on characteristics properties of steel reinforced concrete containing glass powder with and without sulphate attack”, National Conference on Advances and trends in Civil Engineering organized by Dept. of Civil Engineering, BMSIT held on September 1st, 2017. ISBN: 978-93-87769-06-9
- Prof. Ravi Patil & Prof Gunasheela P attended VTU workshop on implementation of AICTE Module curriculum on May 9th 2018 at BNMIT organized by VTU, Belgaum.
- Prof. Ravi Patil attended IAM Industry academy meet organized by cad center at TAJ VIVANTA, MG Road, Bengaluru.

STUDENTS ACHEIVEMENTS

★ VII SEMESTER CLASS TOPPERS ★



NISHAN KHAREL
1RI14CV049
737 (81.8%)



KEERTHANA H
1RI14CV028
720 (80%)



REKHA H R
1RI14CV056
700 (77.8%)

★ V SEMESTER CLASS TOPPERS ★



CHETHAN KUMAR D S
1RI15CV020
701 (87.6%)



MARUTHI M
1RI15CV048
667 (83.4%)



BHASKAR R
1RI16CV405
638 (79.8%)

★ III SEMESTER CLASS TOPPERS ★



DEEPESH KUMAR YADAV
1RI16CV017
618 (77.3%)



RAM NARAYAN YADAV
1RI16CV048
605 (75.6%)



AMIT PRASAD SAH
1RI16CV005
604(75.5%)

PHOTO GALLERY



SURVEY CAMP



Prof. R S Patil @ SKIT



ETHNIC DAY



GREEN CLUB EVENT



FARE WELL DAY





Graduation Day 2017-18

SAD DEMISE

RAJASHEKAR.G.C



Rajashekar G C 4th semester student passed away on that 08/06/2018, faculty and students expressed shock and grief over the untimely death of our student.