

November 2024

RAJARAJESWARI COLLEGE OF ENGINEERING



NEWS LETTER

DEPARTMENT OF CIVIL ENGINEERING SHILANYAS 2024-25 (ODD SEM)



Sri. A. C. Shanmugam

B.A. LL.B, FIMSA, FRCPS (Glasgow, U.K)
Chairman, RRG1



VISION

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

To offer quality graduate program in civil engineering education. To prepare students for professional carrier and research oriented higher studies. Department promotes excellence in teaching, research, collaborative activities and positive contributions to society”

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1

Demonstrate proficiency in applying fundamental mathematical, scientific and engineering principles in identifying, formulating, analyzing and solving Civil Engineering problems

PEO 2

To achieve expertise in design and analysis of various Civil Engineering structures

PEO 3

Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning



Dr. R Balakrishna

Principal, R.R.C.E.



Dr. Ramesh C

Professor and Head,
Department of CIVIL, R.R.C.E.

Welcome to the Department of Civil Engineering's latest newsletter. Launching our bi-annual Newsletter "SHILANYAS" fills us with joy. This newsletter is a digital channel via which we can reach out to our students, faculty, and alumni and business associates. The activities of the department will be highlighted in this newsletter. Additionally, it informs readers on recent developments in the department, concentrating on various activities such as placement, student and faculty achievements. We anticipate additional initiatives and successes for the department. march on in pursuit of excellence. We would want to thank every one of the faculty, assistance staff, and our wonderful students for their unwavering assistance.

EDITORIAL VOICE

Dr. Ramesh C,

HoD, CIVIL

Kavya MPM,

Asst. Prof. CIVIL

STUDENT COORDINATOR

Abhilash S



Department Over View

The Department of Civil Engineering was established in 2009 with an intake of 60, and the intake was increased to 120 in 2014; currently, the department of civil engineering has an intake of 30 from academic year 2022-2023 to till date. The department has well-qualified faculty to handle the specialised subjects and laboratories. All laboratories are well equipped and maintained as per the VTU curriculum.

Civil engineering is the most versatile branch among all the engineering branches. It is the branch with a lot of diversity, from Geotechnical Engineering to Structural engineering, Environmental to Hydraulics, Transportation to Hydrology; Civil Engineering can be considered the single largest branch among all the engineering branches. The department offers courses in B.E. and Ph.D. programmes. The department also provides consulting services for challenging infrastructure projects.



CAREER OPPORTUNITIES

Civil engineers conceive and manage the physical infrastructure and environmental protection systems of our society. They design, plan, construct and manage physical facilities, including roadways, dams, buildings and pipelines. They may own a construction firm, be a partner in a consulting company, or work for a government agency or corporation. They can find work anywhere in the world, because there are needs for physical facilities everywhere.



EDUCATIONAL OBJECTIVES FOR THE UNDERGRADUATE PROGRAM

The current Civil Engineering program educational objectives were developed as part of the program's ongoing efforts to maintain through innovation an undergraduate program that meets the needs of our constituents. The current educational objectives of the Civil Engineering program are:

Graduates will achieve a high level of technical expertise so that they are able to succeed in positions in civil engineering practice or research, and in other fields they choose to pursue.

Graduates will produce engineering designs that are based on sound principles and that consider functionality, aesthetics, safety, cost effectiveness and sustainability.

Graduates will pursue lifelong learning, such as graduate work and other professional education.

Graduates will be leaders, both in their chosen profession and in other activities.

To prepare graduates for advanced education in Civil Engineering and related fields and for professional licensure.

Engage in life-long learning through independent study and by participating in Professional Conferences, Workshops, Seminars or continuing education.

To peruse knowledge and create awareness in the aspects of Civil Engineering and applying it by understanding design concepts usage of various codes of practices through technical skills , steam work embedded in their minds.

Developing the infrastructure facilities by utilizing the available waste materials and minimizing the natural resources without disturbing the environment for the betterment of people in the world.

Alumni Talk On

CAREER ADVICE

- 2024



Event Name : An AlumniTalk on “Career Advice”

Venue : Aryabhatta Seminar Hall

Date & Time : 27/11/2024 &
11.00am to 12.30pm

Alumnus : Mr. Pruthvik.R.Gupta

Batch : 2014 passed

Organization : Inverika Enterprises,
Bangalore.

Designation : Managing Director



Summary of the event:

The event started with welcoming the alumnus for the event by Alumni head Dr. Savitha B, and Prof. Malarvizhi MC. Seventh & First semester students of Civil Engineering are participated. 16 students from Civil Engineering participated in the event. The session includes Placement Guidance – Active involvement with the alumni provides guidance to the current students in their professional lives. After the interaction with the students, the resource person was honored with Memento as a token of appreciation to conclude the event.

**Rajarajeswari
College of Engineering**
An Autonomous Institution
Affiliated to VTU, Approved by AICTE, UGC & GoK



**RESOURCE PERSON:**
Mr. Pruthvik . R Gupta
Managing Director
Inverika Enterprises Private Limited
Bangalore

DATE : 27.11.2024
TIME : 11.00 A.M.
**VENUE - ARYABHATTA
SEMINAR HALL**

No. 14, Banashali Cross,
Kumbalagode, Mysore Road,
Bangalore

**DEPARTMENT OF
CIVIL ENGINEERING**
Alumni talk on
“CAREER ADVICE”
Faculty Co-Ordinators:
Mrs. M.C. Malarvizhi
Asst. Prof. Dept. of Civil Engg.
Mr. Kamalakara G K
Asst. Prof. – Dept. of Civil Engg.
Mrs. Kavya M.P.M
Asst. Prof. – Dept. of Civil Engg.
Dr. R. Balakrishna, Principal
Dr. L.Rangiah, Dean - Academics
Dr. J. Amutharaj, Vice – Principal
Dr.Ramesh C, HOD – Dept. of Civil Engg.

 www.rrce.org

Survey camp

INAUGURATION OF SURVEY CAMP - 2024



Inauguration of Survey Camp – 2024

Date: 10th to 14th July 2024
Time: 08:30 AM to 03:00 PM
Venue: Mukthinaga Temple, Ramohalli, Bengaluru.
Place visited: Highway Project, Mukthinaga Temple, Ramohalli, Bengaluru
Batch: III students
Organization: Rajarajeswari college of Engineering, Bengaluru.

Summary of the event:

The motto of Survey camp visit to Mukthinaga Temple, Ramohalli, Bengaluru is to provide opportunity for the civil engineering students to know about the different civil engineering project in civil industry. They survey the New tank project, Old tank Project, Highway project, Water supply and sanitary project, Layout of building project. The have learnt to use total station equipment. This instrument is widely used in civil engineering Projects. The students learnt pre-construction process they have to conduct during the execution of work.



SPORTS



Congratulations to the student of Civil Engineering Department S Mani to secure Championship in VTU Southzone Intercollegiate KhoKho Tournament on 07/10/2024

WINNING CERTIFICATE

