



# RAJEEV INSTITUTE OF TECHNOLOGY

Plot 1-D, Growth Center, B-M Bypass Road, Hassan, Karnataka – 573201



## Civil Cognizance

Department of Civil Engineering

### DEPARTMENT NEWSLETTER

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#### MESSAGE FROM THE DESK

Civil Engineering is considered as the most versatile and oldest among all engineering branches. It is a branch with lots of diversity right from subjects like Surveying and Environmental Engineering to Hydraulics, Soil Mechanics to Structural Engineering and Hydrology to Transportation Engineering.

In recent times, there is a wide gap between the requirement and the availability of Civil Engineers in all sectors; this has created opportunities open to forthcoming Civil Engineers. The challenge is to prepare the students graduating from our department to achieve the required skills and knowledge and this has been continuously fulfilled by our experienced faculty and well-equipped laboratories.

With highly qualified faculty and dedicated technical staff along with well-equipped laboratories helps in fulfilling our department's vision of being an excellent center that creates socially and ethically responsible Civil Engineers by providing quality technical education with an emphasis on sustainable development.

The Civil Engineering Department of RIT has a reputation of securing excellent academic results on a regular basis. In the year 2017 one of our students Vandana N Bidare secured University 3rd Rank, which is a mirror to our commitment towards providing excellent academic guidance.

In addition to regular academics, activities like hand-on projects, field visits, real-time survey camp with latest equipment like total station, technical talks by industrial professionals, full semester Industrial and software training and Industry-academic interaction are conducted on regular basis to induce professional skills among students.



Mr. Sujay S  
Head of the Department, Civil Engineering



## VISION

To be an excellent Centre that creates socially and ethically responsible Civil Engineers by providing quality technical education with an emphasis on sustainable development.

## MISSION

- To strengthen the skills of the students by providing training in the emerging areas of Civil Engineering.
- To infuse ethical responsibility, environmental awareness and leadership qualities to meet societal needs.
- To enhance the knowledge of students through interactions with industry professionals.

## PSO (Program Specific outcome)

- Create Civil Engineering structures by Planning, analysis and design without over exploitation of natural resources.
- Carry out experiments /field investigations and interpret the results in order to provide solutions to real world Civil Engineering problems.

## PEO (program Educational Objective)

- Gain in depth knowledge of Civil Engineering subjects to address practical challenges using modern tools and techniques.
- Pursue higher education and show professional excellence.
- Exhibit professionalism, ethical approach, communication skills, team work in their profession and adapt to modern trends by engaging in lifelong learning.

## Activities

### One day Industrial visit to "Gorur Dam and Water Treatment Plant"



The department of Civil Engineering has conducted one day Industrial visit on knowledge about the operation and components of a dam such as Drainage gallery, Canals, Spillways, Abutments and also the working operations of a water treatment plant.

**Objective of the Programme:** To understand the functions of Reservoir and Water treatment plant.

**Outcome of the Programme:** In this visit the students will get practical knowledge about the operation and components of a dam such as Drainage gallery, Canals, Spillways, Abutments etc. which they will study in the subject Fluid Mechanics and Hydraulics and by visiting the treatment plant it will be helpful for the students to understand the design concepts and working operations of a water treatment plant. The experience and knowledge from this visit may be helpful for the students in their future endeavors.

Mr. Sunil (A.E) gave the complete knowledge about Reservoir with components.

Mr. Shukrulla Khan (Supervisor) explained about various units of water treatment plant.