



## Department of Information Technology

### Mission

To groom the students to:

**[M1]** Be able to develop effective solution, in different settings and capacity, by analyzing various problems cross cutting multiple domains through emphasis on the basic concepts of engineering and customized application of Information Technology.

**[M2]** Be devoted for lifelong learning for adapting to modern tools and to engage in research and innovation on complex problems to meet societal and environmental needs.

**[M3]** Be able to apply leadership qualities and professional ethics to work in a team with effective communication and interpersonal skills for designing economically feasible applications.

### Vision

To empower students to become pacesetters in the industry or academia for ethically promoting and nurturing Information Technology based solutions addressing multidisciplinary needs of the society towards sustainable development.

### Registration link:

<https://forms.gle/6WJKAu2CbH23Rnce6>

# Webinar on Cloud Computing and Technological Applications

**Date: 11 June, 2021**

**Time: 7:00 pm - 9:00 pm**

**JOINTLY ORGANIZED BY DEPARTMENT OF IT, RCCIIT AND IE(I) STUDENT  
CHAPTER, RCCIIT**

Cloud is a collective term for a large number of developments and possibilities. It is not an invention, but more of a “practical innovation”, combining several earlier inventions into something new and compelling. Much like the iPod is comprised of several existing concepts and technologies (the Walkman, MP3 compression and a portable hard disk), cloud computing merges several already available technologies: high bandwidth networks, virtualization, Web 2.0 interactivity, time sharing, and browser interfaces. Cloud Computing is a popular phrase that is shorthand for applications that were developed to be rich Internet applications that run on the Internet.

### Course Objectives:

- **CO1:** The fundamental ideas behind Cloud Computing, the evolution of the paradigm, its applicability benefits, as well as current and future challenges.
- **CO2:** The basic ideas and principles in data center design, cloud management techniques and cloud software deployment considerations.
- **CO3:** Different CPU, memory and I/O virtualization techniques that serve in offering software, computation and storage services on the cloud, Software Defined Networks (SDN) and Software Defined Storage(SDS).
- **CO4:** Cloud storage technologies and relevant distributed file systems, NoSQL databases and object storage.

### Speaker:



### Dr. Shibakali Gupta

**B . E (CSE), M. Tech (CSE), Ph.D.(CS)**

**Assistant Professor**

**Computer Science and Engineering Department,  
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