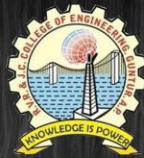


THE CODEX
COMPUTER SCIENCE & ENGINEERING
FALL 2017



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RVR & JC
COLLEGE OF ENGINEERING

TECH

C L U B



Tech Club is a student's initiation club who participates actively through paper presentations and coding contests and various other programmes like group discussions logo, technical, general quizzes and different technical and non-technical events in the department to foster the skills of the students



- *Tech club is a student organized platform to exhibit their skills and expose themselves .*

- *To the existing trends in the industry and latest technologies.*

- *Tech club has organised many seminars and coding contests where the entire events are monitored by the students.*



- *The main motive of the club is to emphasize the self participation of the students, which improves the management and communication skills*

NPTEL AWARDS



NPTEL IS AN ACRONYM FOR NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING WHICH IS AN INITIATIVE BY SEVEN INDIAN INSTITUTES OF TECHNOLOGY (IIT BOMBAY, DELHI, GUWAHATI, KANPUR, KHARAGPUR, MADRAS AND ROORKEE) AND INDIAN INSTITUTE OF SCIENCE (IISC) FOR CREATING COURSE CONTENTS IN ENGINEERING AND SCIENCE. NPTEL AS A PROJECT ORIGINATED FROM MANY DELIBERATIONS BETWEEN IITS, INDIAN INSTITUTES OF MANAGEMENT (IIMS) AND CARNEGIE MELLON UNIVERSITY (CMU) DURING THE YEARS 1999-2003. A PROPOSAL WAS JOINTLY PUT FORWARD BY FIVE IITS (BOMBAY, DELHI, KANPUR, KHARAGPUR AND MADRAS) AND IISC FOR CREATING CONTENTS FOR 100 COURSES AS WEB BASED SUPPLEMENTS AND 100 COMPLETE VIDEO COURSE.

YOUTH FEST CISA 2K17



CISA stands for Colloquy, Instamaze and Scintilla. These are the various events conducted in the rvr jc college on the occasion of Youth Fest every year

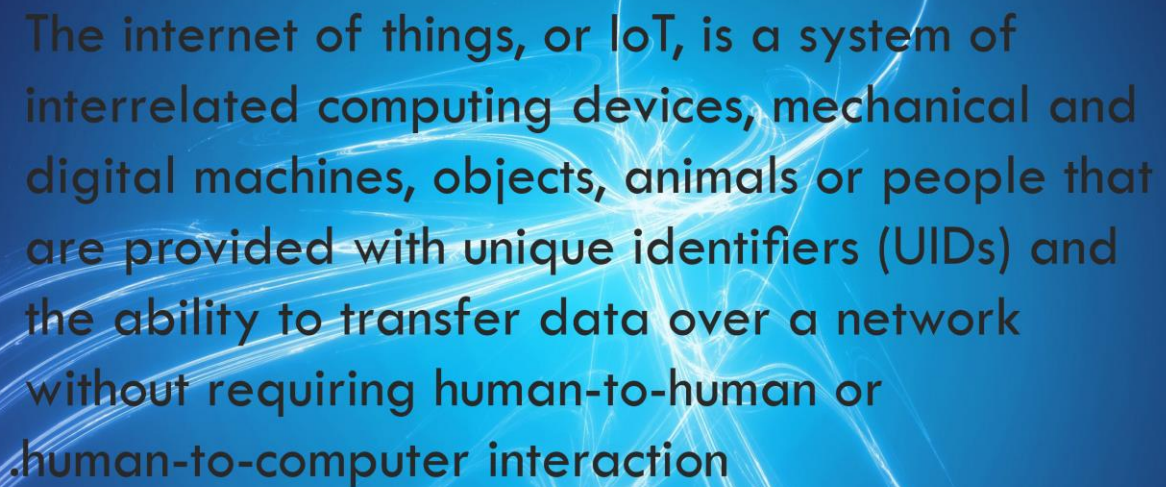


IOT WORKSHOP

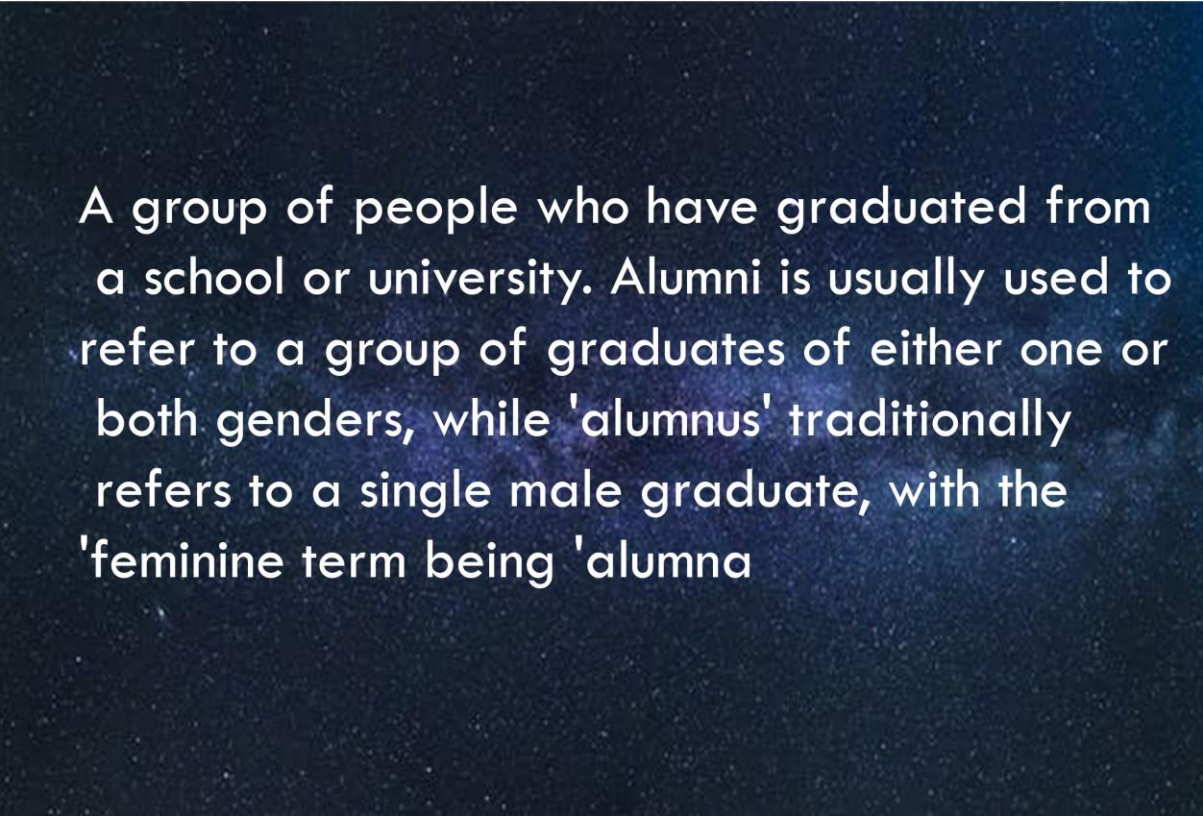


ALUMINI





The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction



A group of people who have graduated from a school or university. Alumni is usually used to refer to a group of graduates of either one or both genders, while 'alumnus' traditionally refers to a single male graduate, with the 'feminine term being 'alumna

INTRODUCTION TO SUPER COMPUTING

Sudheer Chunduri,
Assistant Computer Scientist
Argonne National Laboratory

Supercomputer: the world's fastest computer at the time
Used to solve complex problems fast and accurately;
efforts in modelling and simulation push sciences and engineering applications forward,
computational requirements drive the development of new hardware and software

ECONOMIC IMPACT OF HPC

Airlines:

System-wide logistics optimization systems on parallel systems.

Savings: approx. \$100 million per airline per year.

Automotive design:

Major automotive companies use large systems (500+ CPUs) for:

CAD-CAM, crash testing, structural integrity and aerodynamics.

Savings: approx. \$1 billion per company per year.

Semiconductor industry:

Semiconductor firms use large systems (500+ CPUs) for

device electronics simulation and logic validation

Savings: approx. \$1 billion per company per year.

Energy

Computational modeling improved performance of current nuclear power plants, equivalent to building two new power plants.



CHALLENGES IN ENTREPRENEURSHIP

Entrepreneurship is a process of designing, running and launching a new business which is often initially a small business. The people who create these businesses are called entrepreneurs.

Entrepreneurship has been described as the capacity and willingness to develop, organize and manage a business venture along with any of its risk in order to make profit.

While definitions of entrepreneurship focus on launching and running of business due to high risks involved in launching a startup.



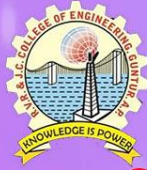
CLOUD COMPUTING

Cloud Computing is an IT paradigm that enables ubiquitous access to shared pools of configurable system resources and high level services that can be rapidly provisioned with minimum management effort, often over the Internet.

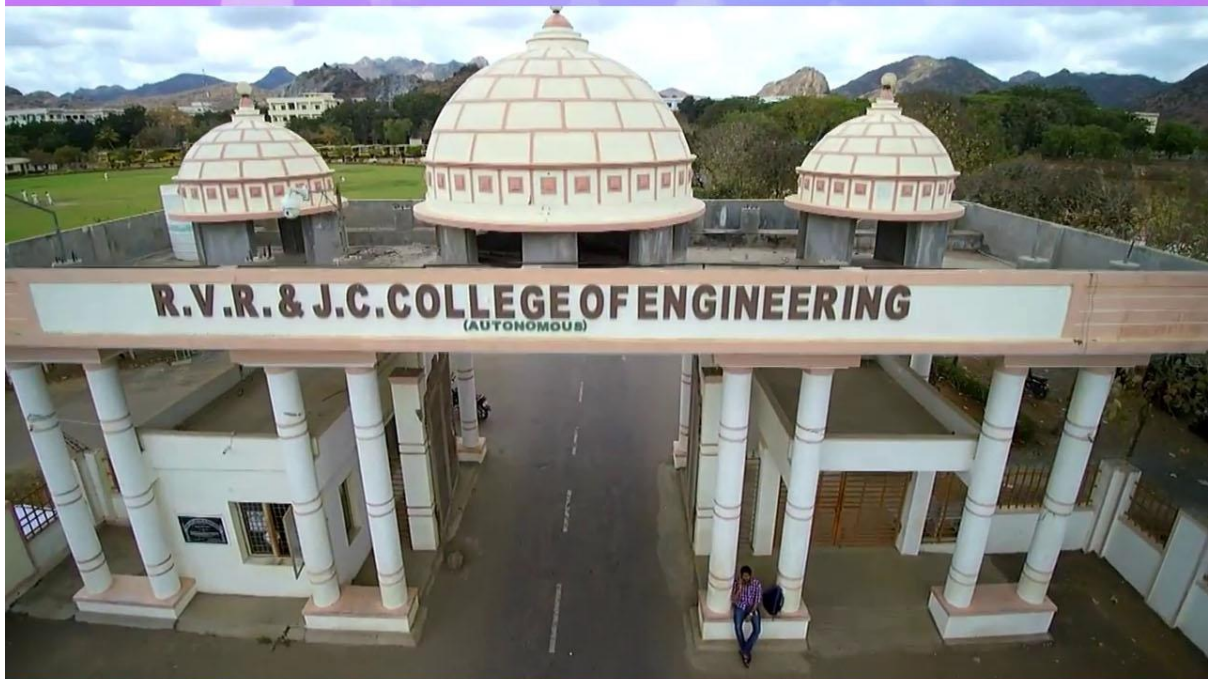
Third Party Clouds enables organizations to focus on their core business instead on spending resources on computer infrastructure and maintenance.

Proponents also claim that Cloud Computing allows enterprises to get their apps up and getting faster with improved manageability and less maintenance.





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(Autonomous)



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