

Editors: Prof. R.Ramesh HOD - CSE , Dr.M.S.S.Sai

Advisory Committee :

A.V.Raghava Rao
C.N.S.Vinoth kumar
B.Bhavani
Ch.Jhansi Rani

Associate Editors :

G.Dileep Kumar
Dr. Ch. Aruna
K.Sriraman
M.Ramesh

Student Co-ordinators :

D.Naveen Kumar
Sai Abhishek Singh

HOD's Message:



Prof. R.Ramesh

Prof. R. Ramesh, the main backbone of the course is educating the student's knowledge of computer and its engineering as almost all fields are computerized to have ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting.

His only motto is to make students expertise in Computer Engineering Program includes computer operations on different languages, data generation, collection and utilization of information.



Dr.M.S.S.Sai

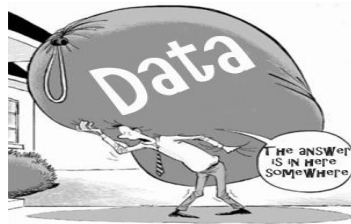
Dr.M.S.S. Sai is from Department of Computer Sc. & Engineering and he opines that this department will excel nationally and distinguish itself as a recognized pre-eminent leader in imparting knowledge to students and establish State of the Art Research centre in its domain.

His sole mission is to develop students to be competent and professional solution providers, Competent to learn Emerging Technology, yet be Responsible citizens who will create wealth for the nation.

Article: Big Data

Generally, people think that BIG DATA is all about the data, but it's not ...!! Gary King from Harvard University quoted that "BIG DATA is not about the DATA".

Big data is a term that describes the large volume of data – both structured and unstructured – that inundates a business on a day-to-day basis. But it's not the amount of data that's important. It's what organizations do with the data that matters. Big data can be analyzed for insights that lead to better decisions and strategic business moves.



Why Big Data?

Are you a Social geek, aren't you?

Do you use Google, Facebook, Twitter, and YouTube for many hours a day.

- All these familiar social sites receive processing requests in a huge number like: **Google** processes over 40,000 search queries every **second** on average (visualize them here), which translates to over 3.5 billion searches **per** day and 1.2 trillion searches **per** year worldwide.
- YouTube has over a billion users—almost a third of all people on the Internet—and every day, people watch hundreds of millions of hours of YouTube videos and generate billions of views.
- **Facebook status updates:** 700 per second
- **Twitter tweets:** 600 per second
- **Buzz posts:** 55 per second
- **Google:** 34,000 searches per second
- **Yahoo:** 3,200 searches per second
- **Bing:** 927 searches per second
- **Google:** **34,000 searches per second** (2 million per minute; 121 million per hour; 3 billion per day; 88 billion per month, figures rounded)
- **Yahoo:** **3,200 searches per second** (194,000 per minute; 12 million per hour; 280 million per day; 8.4 billion per month, figures rounded)

- **Bing:** **927 searches per second** (56,000 per minute; 3 million per hour; 80 million per day; 2.4 billion per month, figures rounded)

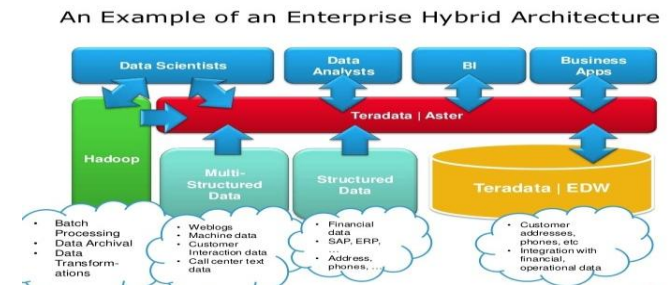
Big Data is to:

1. To Manage Data Better.
2. To Benefit from Speed, Capacity and Scalability of Cloud Storage.
3. Your End Users Can Visualize Data.
4. Company Can Find New Business Opportunities.
5. Data Analysis Methods, Capabilities Will Evolve.



Architecture:

Recent studies show that as the issues that big data presents. A distributed parallel architecture distributes data across multiple servers; these parallel execution environments can dramatically improve data processing speeds. This type of architecture inserts data into a parallel DBMS, which implements the use of MapReduce and Hadoop frameworks.



By D. Naveen Kumar, IV CSE-I

Staff Achievements:

- ❖ Mrs. Ch. Aruna completed her Ph. D viva-voce in Acharya Nagarjuna University, and received her degree in the department of CSE.
- ❖ Dr. M.S.S.Sai invited as a Guest faculty at District Training Centre, Guntur on 23-06-2016 in “IT INITIATIVES & ‘e’ OFFICE”.
- ❖ Mr. G. Dileep Kumar & Mr.M.Ram Kumar attended 5 days FDP on Java Fundamentals and Programming at RVR&JC, Guntur from 20-06-16 to 24-06-16.

Staff Recruitment:

Department has recruited 1 professor and 8 Assistant Professors.

Professor:

1. Dr. G.Murali

Assistant Professors:

1. K. Jeevan Ratnakar
2. M. Ramesh
3. V.N.V. Swathi
4. M. Ratna Raju
5. V. Sasikala
6. M. Phani Anusha
7. V.N.V. Srinivasa Rao
8. M. Mallikharjuna Rao

Events:

ISB – “DESIGN THINKING WORKSHOP”

The prestigious ISB’s Technology Entrepreneurship programme (TEP) kick started on June 30th with Our Honorable **Chairman K. SUBBA RAO**, Our Beloved **Secretary K. SEKHAR**, Our Esteemed **Principal Dr. P. BABU** and facilitators from **ISB Vinay, Abhi, Shiraz**.



As a part of the TEP’s curriculum, a two days workshop “**DESIGN THINKING WORKSHOP**” was organized by Entrepreneurship – cell (E-cell). The facilitators stated that this is a two year programme and students should undergo online tutorial classes, activities and an ISB project for the completion of the course and get certificates. In this workshop, 30 students from KKR&KSR Institute of Technology & Sciences and 17 students from C.R Reddy Engineering College participated for the Inauguration.

Achievement:








Hearty Congratulations from All HoD’s and Staff Members to Dr. Ch. Aruna, Completed her Ph. D Viva-Vocean June 30th, 2016 from Acharya Nagarjuna University in the topic “Metamorphic Testing Automation Framework with Novel Algorithms for Testing Non-Testable Multi precision Architecture and Graph theory Applications.

Results:
Overall III - II in the Academic Year 2015-2016

BRANCH	STUDENTS APPEARED	STUDENTS FAILED	PASS PERCENTAGE
CSE	146	44	69.86

Toppers: III-II

SN O	REGDNO	NAME	PERCENTAGE	PHOTO
1	13JR1A0577	MOUNIKA YADLAPALL I	81.33	
2	13JR1A05C0	VEESAM LAKSHMI PRASANNA	80.97	
3	13JR1A0511	BANDI NAGA HYNDAVI	80.48	
4	13JR1A0553	KARANAM SUMASREE	79.64	
5	13JR1A05B2	SHAIK RAZIYASUL TANA	79.03	



KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES

Department of Computer Science & Engineering

Vinjanampadu, Pratipadu Road, Guntur - 522017

Phone : 0863 - 2286666, 77, 88, 99

Fax : 0863 - 2386555