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Cloud Computing

Cloud computing is the delivery of on-demand computing services -- from applications to storage and processing power -- typically over the internet and on a pay-as-you-go basis.
Rather than owning their own computing infrastructure or data centers, companies can rent access to anything from applications to storage from a cloud service provider.

One benefit of using cloud computing services is that firms can avoid the upfront cost and complexity of owning and maintaining their own IT infrastructure, and instead simply pay for what they use, when they use it.
In turn, providers of cloud computing services can benefit from significant economies of scale by delivering the same services to a wide range of customers.

Cloud computing services cover a vast range of options now, from the basics of storage, networking, and processing power through to natural language processing and artificial intelligence as well as standard office applications. Pretty much any service that doesn't require you to be physically close to the computer hardware that you are using can now be delivered via the cloud.

Cloud computing underpins a vast number of services. That includes consumer services like Gmail or the cloud back-up of the photos on your smartphone, though to the services which allow large enterprises to host all their data and run all of their applications in the cloud. Netflix relies on cloud computing services to run its its video streaming service and its other business systems too, and have a number of other organisations.

Editorial Board
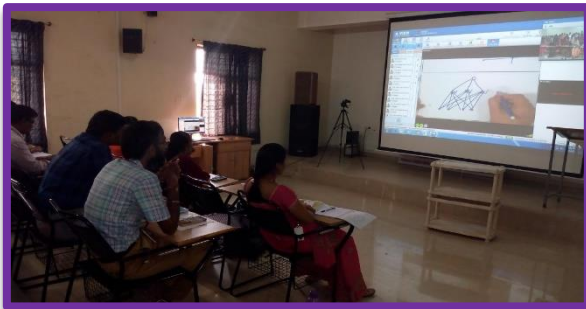
Faculty Contributions/ Achievements

- Mr.K. Sreenivas published a paper in the International Journal for Research in Applied Science and Engineering Technology(IJRASET) on "A Detailed study on Cloud Computing Fundamentals and Security issues" on December 2017.ISBN/ISSN number:2321-9653.

- Mr. SK.Asiffpublished a paper in the International Journal of Communication and Media Science(IJCMS) on" Power And Usage Proficiency In Remote Sensor Systems By Using Clone Identification Protocol" on December 2017.ISBN/ISSN number:2347 – 8527.

- Mrs.V.Bharathipublished a paper in the International Journal of Innovations & Advancement in Computer Science(IJIACS) on "Method of classifying the phish website by using pruning decision Tree" on December 2017.ISBN/ISSN number:2347 – 8616.

- Mrs.V. Gayatri published a paper in the International Journal of Engineering Technology Science and Research(IJETSR) on "Data Packet Delivering Through Green Internet Routing Mechanism" on December 2017.ISBN/ISSN number:2394- 3386.

- Dr.Y.Jahnavi published a paper in the International Journal of Electrical, Electronics and Computer Systems(IJEECS) on "The Product Reviews in Social Websites Using Online Data: e-trait" on December 2017.ISBN/ISSN number:2348-117x.

- Dr. Y. Jahnavi published a paper in the International Journal on Future Revolution in Computer Science & Communication Engineering(IJFRCSCE) on "A Survey on Support Vector Machines and Artificial Neural Network in Rainfall Forecasting" on November 2017.ISBN/ISSN number:2454-4248.

- Mr. K Venkata Nagendra published a paper in the International Journal on Future Revolution in Computer Science & Communication Engineering(IJFRCSCE) on" A Survey on Support Vector Machines and Artificial Neural Network in Rainfall Forecasting" on November 2017.ISBN/ISSN number:2454-4248.

- Mr. K Venkata Nagendra published a paper in the International Journal for Research in Applied Science and Engineering Technology(IJRASET) on "Supervised Classification of Rainfall Coverage Data in Andhra Pradesh Using Support Vector Machine" on October 2017.ISBN/ISSN number:2321-9653.

- Mr. K Venkata Nagendra published a paper in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC) on "To Improve Data Storage Security Levels in the Cloud" on October 2017.ISBN/ISSN number:2321-8169.

- Mr. K Venkata Nagendra published a paper in the International Journal of Advanced Research in Computer Science (IJARCS) on "A Survey On Classification Techniques Used For Rainfall Forecasting" on September-October 2017.ISBN/ISSN number:0976-5697.

- Ms. V. Gayatri has attended one week Hands-on workshop on "Advances in Communication Networks using NS3 " on Dec 11-16, 2017, organized by Raja Rajeswari college of Engineering, Banglore.

- Ms.V.Bharathi has attended one week Hands-on workshop on Advances in Communication Networks using NS3 on Dec 11-16, 2017, organized by Raja Rajeswari college of Engineering, Banglore.

- Ms. P. Radhika has organized Workshop on "Introduction to Machine learning" conducted by *IIT Kharagpur* during 16th December and 17th December, 2017 *at* Geethanjali Institute of Science and Technology, Nellore.

- Mr.K.Venkata Nagendra has Participated Two Days FDP on "Introduction to Machine Learning" at GIST, Nellore, From 16-17 December 2017.

- Mr.K.Venkata Nagendra has Participated One week FDP on "Hands on Python Programming" at NEC, Nellore , From 16 -20 Dec 2017.
- Mr.Asiff has attended A two-day Saptahaant ShikshakPrashikshan on "Introduction to Machine Learning", from 16th, 17th December, 2017.
- Mr.Y.Venkat Ramesh has Attended a two day SaptahaantShikshakPrashikshan on "Introduction to Machine Learning" organized by IIT Bombay on 16th,17th December, 2017 at GIST, Nellore.

Events Organized

Faculty Development Programs

- **Two-Day Weekend Training Programme SaptahaantShikshakPrashikshan (SSP)** on **Introduction to Machine Learning** was organized by Department of Computer Science and Engineering and **Indian Institute of Technology, Kharagpur** associated with Remote center at **Geethanjali institute of Science & Technology**. The training programme was held on 16th and 17th December, 2017.

Power Seminar on AWS

- A one day Power Seminar on AWS and Industry Expectations was organized under joint auspices of Department of Computer Science and Engineering & ICT academy in association with CSI at the New Seminar Hall on 30th December 2017.

Industrial Visits

- Students of IV Year CSE visited Dodabetta Tea Factory, at Coonoor, TamilNadu which was founded in the year 2005, and is well managed by Mr. N.K.Krishnamoorthy, former Member of Tea Board. **The Tea Museum has been our dreams come true.**

- In order to enhance the practical simulation and let them have an overview on the activities related to Software and its Development in day to day life a batch of IV B.Tech Computer Science & Engineering Student and two staff coordinators visited the Mobile Programming India Pvt.Ltd at Bangalore on 21st October 2017.This sector is mainly

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focusing on the Development of mobile applications.**Mr. Surendra Babu Technical Lead**, spoke about various testing principles and methodologies, which are being applied at nowadays.

Pariksha Par Charcha MAKING EXAMS FUN: Chat With PM Modi

The III CSE Students of GIST watched the live address delivered to the X class and XII standard (CBSE) students at Talkatora Stadium, New Delhi by Prime Minister Narendra Modi on 16-02-2018 in the afternoon 12 P.M. to 2 P.M. under the initiative "**MAKING EXAMS FUN: Chat with PM Modi**".

Workshops

A TWO-DAY WEEKEND TRAINING PROGRAMME Saptahaant Shikshak Prashikshan (SSP) on **Introduction to Machine Learning** was organized by **Indian Institute of Technology, Kharagpur** associated with Remote center at Geethanjali institute of Science & Technology under Department of Computer Science and Engineering coordinated by Ms. P. Radhika, Asst. Professor. The training programme was held on 16th and 17th December, 2017. The sessions were handled by Prof. Sourangshu Bhattacharya, Department of Computer Science and Engineering, IIT Kharagpurand Prof. Pawan Goyal, Department of Computer Science and Engineering, IIT Kharagpur.