

GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

A CENTRE FOR INTER-DISCIPLINARY RESEARCH

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INVITED TALK ON :INTEGRATED WORLD OF IOT ,CLOUD AND AI

RESOURCE :**SATHISH YELLANKI**

DATE:

TARGET AUDIENCE: B. TECH STUDENTS OF I, II & III year (CSE, IT, ECE, ME)

PROFILE OF SPEAKER:

Sathish yellanki a high ranked person in Computer science industry. He initiated his career with programming in Assembly and scaled through different phases of programming using different language and indepth implementation of Data structures. He made his presence in the world of internet programming by understanding the dynamics of IT industry. He has designed various domains (like Healthcare, Education, Retail...) and been a part of object relational, object-oriented data bases in design, analysis and coding. He was exposed to data ware housing and business intelligence domains. He even contributed his work in critical areas like performance, tuning, optimization of oracle database. At present, he is actively involved in the world of big data with Hadoop frame work, Hive etc. Apart from these responsibilities he is working with a team of professionals on ML aspects in the areas of agricultural datasets and health care implementations

IMPORTANT POINTS COVERED

The explosive growth in the number of devices connected to the Internet of things and the exponential increase in data consumption only reflect how the growth of big data perfectly overlaps with that of IoT. The management of big data in a continuously expanding network gives rise to non-trivial concerns regarding data collection efficiency, data processing, analytics, and security. Despite the large number of studies on big data, analytics, and IoT, the convergence of these areas creates several opportunities for flourishing big data and analytics for IoT systems. We explore the recent advances in big data analytics for IoT systems as well as the key requirement for managing big data and for enabling analytics in an IoT environment.