

**A Guest Lecture  
On  
New Trends in Data Centers**

**Date:** 15 July, 2017

**Time:** 1:10 PM to 3:30 PM

**Venue:** KKR & KSR INSTITUTE OF TECHNOLOGY & SCIENCES, Vinjanampadu.

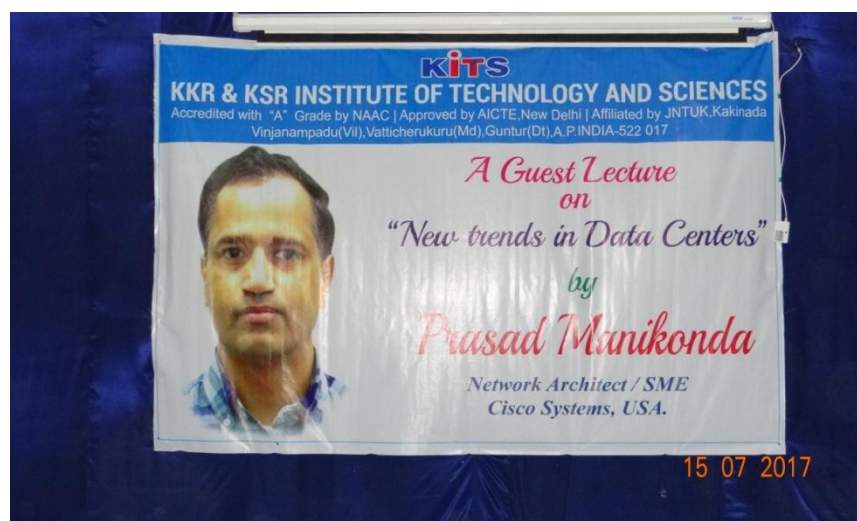
**Event Coordinator:** Dr. M.S.S.Sai

**Resource Person:** Mr. M. Prasad, Network Architect, CISCO Systems, USA.

**Event Description:**

With 2017 upon us, now is a good time as any to take a look at the new developments that will be shaping the data center industry for years to come. Take a look at what leading researchers and experts say about the top emerging trends, including the shift away from corporate data centers and evolving job demands.

**Number of data centers set to peak:** According to the IDC, several factors are leading to a decline in data centers. The total number of data centers will peak at 8.6 million in 2017. From there, the number will decline as more and more companies will move data center operations from on-premise facilities to 'mega data centers' run by service providers. The cloud is also a game changer, with Cisco reporting that 75 percent of data center work would be run in the cloud by 2018.



All the IV year CSE students attended to this guest lecture.

Mr. M. Prasad also explained about the importance of agile model in industry.



And he explained CISCO Network Analysis Module. The Cisco Nexus 7000 Series NAM provides pervasive network intelligence and performance analytics across physical, virtual, and cloud. This includes Layers 4-7 visibility using Cisco Network-based Application Recognition 2 (NBAR2) natively to identify business critical applications, help right-size resources needed for their effective delivery, and accelerate the proactive resolution of performance problems. It also includes visibility into OTV, VXLAN, and other encapsulated technologies that are the foundation of a scalable, virtualized data center. The NAM gives you all of the visibility you need to gain better control over operations and help enable the data center to be a more agile and efficient environment.



At last the session ends with guest felicitation by the Principle Dr. P. Babu and H. O. D. Prof. R. Ramesh.

