



## Guest Lecture on Model Driven Engineering & Software Development

### Resource Person:

**Dr. Y. Raghu Babu Reddy,**  
**Head, SERC, IIIT, Hyderabad**

**Date: 16<sup>th</sup> September 2016.**  
**Venue: Peacock Hall**

Under the roof of Department of Computer Science and Engineering has conducted a subject based guest lecture on "Model Driven Engineering & Software Development" on 16<sup>th</sup> September' 2016 for 2<sup>nd</sup> & 3<sup>rd</sup> Year B.Tech students in peacock hall. Aroud 300 students have been participated in this guest lecture.

The resource person Dr. Raghu Reddy has invited on to the dias and introduced to the audience. In his lecture he focused on Model-driven engineering (MDE) and Software Development issues. Model-driven engineering (MDE) is a software development methodology that focuses on creating and exploiting domain models, which are conceptual models of all the topics related to a specific problem. Model-driven software development (MDSD) is an alternative to round-trip engineering. Round-trip engineering is the concept of being able to make any kind of change to a model as well as to the code generated from that model. The changes always propagate bi-directionally and both artefacts are always consistent. The transition from code to model (the reverse engineering) is especially interesting in this context, he said.

The Head of the Department Dr. V. Srikanth, Dr. K. Subrahmanyam and other Software Engineering Faculty, Guest Lectures Professor in-charge Dr. K.V.V. Satyanarayana & the keynote Speakers Dr. Y. Raghu Babu Reddy, Head, SERC, IIIT, Hyderabad have been attended for this guest lecture.



Welcoming Dr. Y. Raghu babu Reddy, Head-SERC, IIIT, Hyderabad



Keynote address by Dr. Y. Raghu babu Reddy, Head-SERC, IIIT, Hyderabad



Students and Faculty listening the Keynote address

Dr. K.V.V. SATYANARAYANA  
Professor In-charge

Dr. V. SRIKANTH  
HOD - CSE