

# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

## Report on

**Guest Lecture “Dot Net Technologies” on 12-02-2015**

Organized by Department of Computer Science & Engineering



**Submitted by:** Mrs. S.Kusuma, Assistant Professor, Department of Computer Science & Engineering, MITS.

### **Resource Person**



**Arramraju. Mahesh Babu**, Satya Technologies, Hyderabad

The department of CSE organized one day Guest Lecture on “Dot Net Technologies” on 12-02-2015. The resource person of the workshop is Mr.A.Mahesh Babu, Corporate trainer from Satya Technolgies, Hyderabad. Mahesh gave an intensive, in-depth, hands-on sessions, and overviews of .NET technologies and return home ready to deliver impressive, robust applications. The .NET runtime includes powerful mechanisms that can be leveraged in different languages. This workshop puts the students in the driver's seat as to become adept at taking advantage of the most advanced programming mechanisms of .NET

- Learn the C# language.
- Use C# both through command line tools and Microsoft Visual Studio.NET.
- See how C# compares to C++.
- Take an in-depth look at the internals of the runtime.
- Build GUI Applications with Microsoft Visual Studio.NET.
- Interface with databases ([ADO.NET](#)) and the web ([ASP.NET](#))

- Debug .NET applications.
- Interact with legacy COM and COM+ systems from .NET.

The resource person explained about the Eiffel method: The Eiffel method and language provide application developers with the full power of object technology and Design by Contract(TM) to produce quality applications. Eiffel.NET is the first implementation of Eiffel on .NET. The outcome of the workshop: The resource person explained about the principles and techniques of object technology including abstract data types, multiple inheritance, generosity, deferred classes and many others. Design by Contract and its applications to documentation, debugging, inheritance, project management, handling of abnormal cases, and building robust systems. How to take advantage of Eiffel on .NET and interface with other .NET languages.