

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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“Latest Trends in New product Development-CNC Machining”



Report by Mr.Rayudu Peyyala

The one-day Guest Lecture on “Latest Trends in New product Development-CNC Machining” was organized by the Dept. of Mechanical Engineering at Madanapalle Institute of Technology and Science, Madanapalle on 29/10/2013. Mr G. Ajit Prabhu, Director, Edge cam Software & Training Services Kriatec Services Private Limited –was the Resource Person for this Guest Lecture. He reached the institute, along with IIC Coordinator by 8:50 A.M. The Principal, MEHOD and Faculty of ME Department received him at the institute.

Speaking on the occasion the Head of the department Dr. C.Yuvaraj stressed the need of industry interaction and real time work exposure. These type of Extension lectures will transfer the information and technology happening in the outside environment. Speaking on the occasion IIC coordinator Mr P.Rayudu, stressed the need of value addition of the program. IIC is going to conduct similar programs in the near future. This kind of industrial expert interaction with the students will enhance the knowledge towards industrial requirement, so that they can update their technical skill to meet the requirement.

The resource person of the today’s event Mr G. Ajit Prabhu explained the functionality of edge cam for a wide range of machine tools, including 2-axis lathes, multi-turret configurations, sub-spindle turning centers and mill/turn machines. On a mill/turn machine, C-, Y- and B-axis milling and drilling take place within the same program as the turning to provide a fully integrated and associative programming solution. Using a simple Windows-based process, Edge cam Code Wizard creates instant code generators that allow NC code to be produced for the majority of CNC machine tools. Moreover, the Code Wizard provides the capability of building your own machine tool model, so as these graphics are used inside Edge cam’s Machine Simulation. In today’s modern machine shop where machine tool configuration is more complex, and thus the risk of collision heightened, Edgcam machine Simulation leads the way.