

# MathCAD to be part of B.Tech curriculum

Software is intended for verification & validation in engg studies

Rajesh Rao

The University of Pune (UoP) is planning to make MathCAD tool a part of the curriculum for engineering students studying in the varsity and in different colleges affiliated to it. MathCAD is a computer software primarily intended for the verification, validation, documentation and re-use of engineering calculations.

Parametric Technology Corporation (PTC), which has made the software, announced the launch of the engineering calculation tool for the UoP during a seminar on Thursday. The tool is being marketed in India by Trident Techlabs Pvt Ltd.

According to PTC officials, it would be providing 99% discount to UoP for the purchase of the tool. "After the discount, the campus licence meant for students would cost about Rs5.6 lakh for 100 licences. For department use, it would be about Rs3.25 lakh for 30 licences," said executive director of Trident Techlabs Pvt Ltd, Sharad Naithani.

The seminar was attended by senior faculty members of different engineering college affiliated to the UoP. In his keynote address, the dean of the engineering faculty of UoP, Prakash Wani said, "The UoP intends to employ MathCAD tool as part of the curriculum and encourage its usage by engineering colleges affiliated to the UoP. The tool will not only help at the back-



From left: Prakash Wani and Rafiq Somani at the function

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—Rafiq Somani, COUNTRY MANAGER, PTC (INDIA)

end, but we will try to understand and incorporate MathCAD to make our students and faculty more tool savvy."

"In today's turnaround situation, society is demanding more from faculty and teachers. With open elective subjects, it has helped us to have more industry-academia interaction. Employing MathCAD, our aim is to be more student-centric and more acceptable by society. Mugging ideas can be eliminated by such tools," he said.

Country manager for PTC (India), Rafiq Somani said,

"The top 20 universities in India are using MathCAD tool as a part of their curriculum. We are offering this tool for education users for on-campus usage for 99% discount."

Stressing on getting young people back to engineering, rather than getting attracted towards BPO jobs, Somani said his aim is to get engineers back into product development. "We have the advantage of the demographic dividend; we have to convert this young population into the white stream. India is the third largest economy in the world at present, we want more engineers to work on product development solutions," he said.

About MathCAD tool, Rafiq said many industries are using the tool for their own requirement, as calculation has become fundamental to businesses. "The tool has been the leading engineering calculation solution for more than 20 years, rapidly adopted by the industry," he added.