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To: Prof. Vanco Litovski

Faculty of Electronic Engineering, University of Nis
Aleksandra Medvedeva
18000 Nis
SERBIA

Jul 17, 2008

Re: TEMPUS JEP_41107 2006

The SoC curriculum at the faculty of Electronic Engineering in Niš

Dear Prof. Litovski,

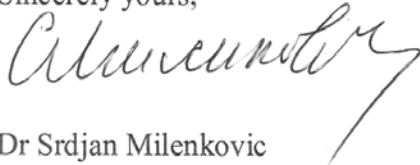
Thank you for your letter of May 30, 2008. Here are my views and suggestions regarding your SoC curriculum proposal.

I am very pleased that the curriculum in Serbia has been transformed in the way to become more compatible with the European university level educational system. Introduction of the credit system is one additional achievement in that respect. I quite support the way the electronic design automation is introduced now in both bachelor and master degree studies. SoC engineering profile is one of the most important when it comes to very complex integrated circuits design. There in Nis, you have been following the decade long tradition of education in this subject. Implementing alternative CAD tools and contents is very important for the faculty as well and should be seen as one of its distinguishing parameters worldwide.

Regarding SoC postgraduate course itself, I can see that four major subjects (digital, mixed, analogue and RF) are covered very well. As a matter of further fine tuning, I

would suggest to put a bit more emphasis on the design methodology rather than modeling. Also, in RF IC design subject, it would be very useful to present RF extensions of commercially available circuit simulators, Cadence/Spectre-RF, for example. Besides standard simulations (DC, AC, transient, noise...) there are some other techniques such as envelop, pss, qpss, ... which are developed to predict RF parameters of the design much faster and more accurate.

Sincerely yours,



Dr Srdjan Milenkovic
Principal Design Engineer

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