



MICROCONTROLLER INTERFACING COMPETITION (In collaboration with **NUCES Circuit Society**) [RULES & PROCEDURE]

This competition is open only to Pakistani participants.

PARTICIPATION:

1. Only three participants per team (belonging to the same institute) are allowed.
2. A maximum of two teams are allowed from each institute but only one may be accepted on the 'first come first serve' basis due to limited seats.

REGISTRATION:

3. The complete registration requires the following documents to be submitted before the deadline.

- i. ONLINE REGISTRATION FORM
- ii. STUDENT CERTIFICATION FORM
- iii. REGISTRATION FEE

4. The registration form is available on the **SOFTEC website** (<http://www.softec.org.pk>), at the registration link of the Microcontroller Interfacing Competition. The form must be filled and submitted online.

5. **The last date for the submission of registration form along with the registration fee & student certification form from the institute is March 1, 2010.**

6. All participants must submit the Student Certification Form (<http://softec.org.pk/stdcertform.pdf>) signed by the academic officer of their institute to identify them as **currently** enrolled undergraduate student of the institute. An option would be given to download this Student Certification Form right after you submit the online registration form. Student Certification Form can be submitted by hand, by post or by fax.

7. Registration fee for the Programming Competition is **PKR 700/-**

Payment Method: Payment can be submitted in any of the following two forms:

• **Bank Draft:**

Registration fee may be in the form of a bank draft (excluding bank charges) in favor of BCCI-FAST, which should be payable in any Lahore-based bank.

(This Bank Draft can be submitted either by post or by hand).

• **Cash:**

Payment can be submitted in cash by hand in SOFTEC Office at FAST-NU Lahore.

8. The accepted will be informed by **March 10, 2010** via e-mail.

9. Accepted applicants must confirm their participation in the competition **March 15, 2010** via an e-mail by mic@softec.org.pk

FAST-National University Of Computer & Emerging Sciences, Lahore Campus
Block-B, Faisal Town, Lahore. UAN: +92-42-111-128-128 (Ext: 290)

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TRANSPORT AND ACCOMMODATION:

10. Accommodation arrangements for the outstation participants would be made by the **SOFTEC Society** for **FREE**.

11. **SOFTEC Society** won't bear any traveling expenses of the participants.

COMPETITION:

12. On the day of the competition all selected participants are required to bring with them some proof of their identity e.g. National I.D. Card, Driving License, Passport, or College I.D. Card. Failing to do so will result in disqualification.

13. You are allowed to bring any book with you in the competition BUT use of electronic material assistance (USB, PDA, laptops etc) is strictly prohibited.

14. You can program using any of the languages, (C or assembly) BUT the compiler available will only be Keil uVision

15. **8051/8052** Microcontroller will be available for implementation. Extra interfacing circuits like LCD displays keyboards etc will be provided as required.

16. Participants must be familiar with following electrical engineering lab equipment

- Oscilloscope
- Function Generators
- Digital Multimeters
- Power Supplies

17. Required data sheets and reference material will be provided to all the teams.

18. Participants will be introduced to the lab equipment before the start of the competition.

19. Teams will be held responsible if they cause any damage to the equipment issued to them.

20. In all matters concerning the competition, the decision of the **SOFTEC Society** will be final and binding on all concerned.

21. The **SOFTEC Society** reserves the right to modify the rules without prior notice.

For further inquiries, please do not hesitate to contact:

Microcontroller Interfacing Competition Team
SOFTEC 2010 Secretariat
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