Computer Organization and Architecture

(CS31007 :: 3-1-0)

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Some General Information

- All theory classes shall be conducted in two sections:
  a) **Section 1**: All students with *ODD* roll numbers (NC-442)
  b) **Section 2**: All students with *EVEN* roll numbers (NC-443)
- Attendance in the classes is mandatory.
  - Deregistration of students with poor attendance as per Institute rules.
- Tutorials and problem solving shall be conducted "in-class".
  - No separate tutorial classes.

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Prerequisites Assumed

- Good knowledge in the following subjects:
    a) Switching Circuits and Logic Design
    b) Programming and Data Structure

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Guidelines of Evaluation

- Marks distribution:
    - Assignments / Tests / Attendance   – 20%
    - Mid-semester examination   – 30%
    - End-semester examination   – 50%
- Relative grading to be followed for deciding on the final grades.

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Text and Reference Books

1. Computer Organization and Design – J.L. Hennessy and D.A. Patterson.
2. Computer Architecture – A Quantitative Approach – J.L. Hennessy and D.A. Patterson.
3. Computer Organization – C. Hamacher, Z. Vranesik and S. Zaky.

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Links to Resources

All announcements on the course would be posted in Moodle:

To join Moodle:
https://moodlecse.iitkgp.ac.in/moodle/

Student Key: Stud#Coath

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