**Report on the Inter-disciplinary Add-on course titled "Engaging the processor 8085" organized in association with IT department**

An Add-on course helps students to learn something outside classroom hours. It shapes the personality of a student. To cultivate healthy thought processes and enhance logical thinking, Physics department organized a 15 hour Add-on course starting from 15th December 2017. In order to have good co ordination, the inter disciplinary course was conducted in association with IT department. It was held for the students of IT Semester 2. The course was titled "Engaging the Processor 8085".

Students were given a study kit. Programs were written in assembly language by Mrs. Pratibha Pai. From a very simple program to a highly complex one including loops and branches, one after another, students were trained to sharpen their brains by Mr. Maheshwar Falake. Individually monitored by Ms Naziya Sultana, students started writing programs by themselves. Self written programs when executed brought smiles to their faces.

Ms. Naziya Sultana also demonstrated how interfacing with peripherals is done and generated square, triangular and saw tooth waves using the 8085 microprocessor.

The course was completed in 6 sessions. Certificates were awarded to each student. Oral feedback was taken. The course was highly successful and the department was satisfied in imparting knowledge to IT students.

Number of students benefited was 11.

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