



This report has been submitted by the BITS Pilani-Rajasthan ACM Student Chapter to be considered in the category **Outstanding School Service Award** at ACM Student Chapter Excellence Awards.

### Submitted by

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BITS ACM Pilani Chapter is the largest technical association and the most active student body in BITS Pilani, Pilani Campus.

The Chapter has 653 active members.

The Chapter has 1108 original members.

Website: [www.bitsacm.acm.org](http://www.bitsacm.acm.org)





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A team of 60 members, highly skilled and dedicated, under the able guidance of various professors have been working with the ideology of learning while working. A number of events and activities are organized by BITS ACM around the year: The monthly Seminars in Balika Birla Vidyapeeth (girl's school), BITS Pilani provide the students of classes 10<sup>th</sup> and above a glimpse into the field of computer science and motivate them to pursue this field.

- **Workshops on HTML, JAVA and PHOTOSHOP**

Lectures delivered by 3<sup>rd</sup> and 4<sup>th</sup> year members, highly proficient in their fields, attract a participation of around 50 students (mostly of 12<sup>th</sup> class). Students are introduced to the areas of HTML, JAVA and PHOTOSHOP. The sessions are made as interactive as possible exemplifying the spirit of 'Work with Play'. Multimedia tools like videos, audios and games are deployed to make the learning process faster and more fun. Professional help in the mode of 5 personal assistants are also present to ensure that the students proceed in the right direction.

- **A visit to IPC**

For the junior classes (4<sup>th</sup> and 5<sup>th</sup>), visits to IPC (Information Processing Centre) of BITS are also organized to introduce them to internet. Importance of I.P. address, working of LAN and Servers and the process of data sending and receiving were some of the topics that were touched upon. The students discovered a new way to discover and left excited about it.

- **Computer Learning Program**

A code is a set of computer instructions set to perform a specific task which can be anything from drawing a line to a sophisticated program. Forwarding the vision of Mark Zuckerberg, we believe that coding should be learned by people of all ages. With this in mind, we have started a new initiative where we ask interested students to code as we feel it pushes one to





think in a better organized manner. The Computer Learning Program (CLP) is where we teach them how to use a computer and also help them develop their aptitude.

Students of various age groups study together and learn basic concepts according to their ability and their pace of learning. We start with PAINT program and when the students get comfortable in using a computer, they are moved on to using SCRATCH program which basically involves writing simple codes to run small programs. Students gain various experiences like drawing a balloon using a code!

- Personal mentors

The students enthusiastic in learning more about computing are picked up by members of BITSACM to be mentored and are given personal attention. They are taught computing concepts and given a wider view into the field. The mentors ably satisfy their curiosity and in the process gain invaluable experience of teaching someone.

