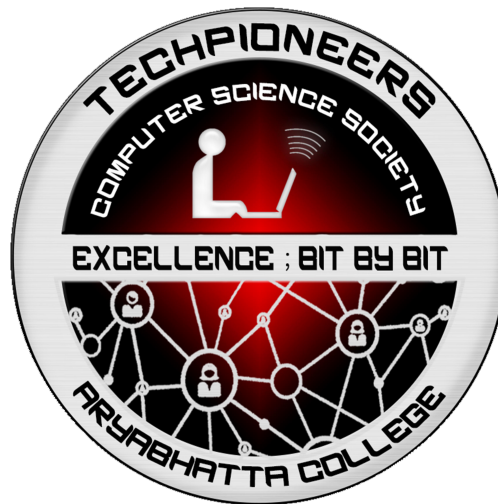# TechPioneers Annual Report 2016-17

The Department of Computer Science, Aryabhatta College, envisions familiarizing and training students with the latest technologies in computer science. With this objective, t**he Computer Science Society, TechPioneers, was established.** With the **tagline 'Excellence Bit by Bit**', we would like to use this as a platform to bring Aryabhatta College as the pivotal point for activities in computer science and related domains.

Talk on 'Cloud Computing'

TechPioneers started its activities with a **Talk on 'Cloud Computing'** by Dr Priya Ranjan, Professor at Dept. of Electronics and Electrical Engineering, Amity School of Engineering and Technology. The talk started with giving an insight into the various cloud services and service providers. The speaker gave an introduction to the various cloud service models. Dr Ranjan laid emphasis on the use of open source technologies. Mr Shyam Saini, student at Amity University, gave an introduction to network stacks, network filtering and OSI Model. He demonstrated the use of modules to modify the Linux Kernel.

Talk on 'eCommerce 360 Degrees'

In the second event, TechPioneers organized a **Talk on 'eCommerce 360 Degrees'** by Mr. Vaibhav Bhargava, Senior Manager, Engineering, WalmartLabs, USA. The session started with explaining the 'Y2K' problem. Mr. Bhargava described the concept of STAIR (state the problem, tools available, algorithm, implementation, retry/ review) to solve any problem. The speaker further talked about the problems in implementation of eCommerce applications. He briefly explained how data mining works in the background.