

## **BVCOE ACM Student Chapter**

Application for ACM Student Chapter Excellence Awards 2016-2017. Below is a brief description of our chapter followed by the applications for the following 4 categories.

- Outstanding Chapter Activities
- Outstanding Community Service
- Outstanding Website
- Outstanding Recruitment Program

**Institution:** Bharati Vidyapeeth's College of Engineering

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### **Office Bearers:**

**Faculty Sponsor:** Prof. (Dr.) Vanita Jain ([vanita.jain@bharatividyaapeeth.edu](mailto:vanita.jain@bharatividyaapeeth.edu))

**Faculty Mentor:** Ms. Narina Thakur (Computer Science Department), Ms. Shifaly Sharma (Electronics and Communication Department) and Ms. Sarita Yadav (Information Technology Department)

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**Web Master:** Uday Upreti ([udapra@gmail.com](mailto:udapra@gmail.com))

Number of Chapter Members: 240

Number of Faculty Volunteer: 4

Number of Student Volunteers: 75

Website URL: [bvcoe.acm.org](http://bvcoe.acm.org)

Facebook URL: <https://www.facebook.com/acmbvp>

## **DESCRIPTION OF SCHOOL**

**Bharati Vidyapeeth's College of Engineering**, New Delhi since its establishment in 1999, has strived to provide the best engineering education to its students through well qualified and dedicated faculty and provision of well-equipped modern labs.

The college affiliated to Guru Gobind Singh Indraprastha University, New Delhi, and approved by All India Council for Technical Education (AICTE), Ministry of HRD, Govt. of India, BVCOE is steadily striding forward in its quest of establishing itself among the top engineering colleges in North India.

The vision of the college is to continuously excel and thus coming together enlivens the research themes, creates awareness about upcoming technologies and provide platform to budding research workers for achieving their rightful place in the scientific community.

## **DESCRIPTION OF CHAPTER**

The **BVCOE Delhi Student Chapter of the ACM** was established in May, 2013 with a goal to provide students a better exposure to ideas, knowledge, experience, and trends in computing. The chapter aims at creating interest among the students in computer science apart from what they learn during the course work. The Chapter organizes various technical events like Programming Contests, Technical quizzes, Discussions etc.

## **ESSAY: Outstanding Chapter Activities**

### **ENTHEOS '16 – Annual Fest of ACM BVP**

With an exhilarating theme “Colors of Youth” we celebrated the Youth in us on 29<sup>th</sup> March. A galore of technical as well as non-technical events was lined up to satiate the masses. Some of our popular events in the fest were Internship fair, Touch Me Not, Mirror Image, Dare Games and Mini Militia. We also conducted the mini version of ACM-ICPC which was hosted by HackerRank. The teams qualifying the online preliminary round were invited to compete in onsite final round at BVCOE, Delhi.

### **Frosh Welcome 3.0**

Date: 16<sup>th</sup> August 2016

It was an orientation session for the freshers which saw a huge attendance. It started off with a quiz, and was followed by speeches by the core team members on the objective of ACM, and how it can give them a boost in their college life and career. The zenith of the event was an inspirational speech by our former Chairperson, Mr. Kushagra Bhargava, on making the utmost use of one's college life.

### **Click -o- Reverse**

Date: 6<sup>th</sup> October 2016

It was a video making event in which participants had to prepare a video in teams. The video was then reversed using the Reverse android application. The makers of the best video in reverse mode were declared the winners.

### **CodeRush**

Date: 6<sup>th</sup> October 2016

ACM BVP conducted the third round of the flagship event of BVEST'16, Code Rush, where participants had to blind code, i.e. code with the screen of their systems turned off. One problem statement of an intermediate level was provided which had to be solved within an hour.

### **Sessions on Git**

Date: 9<sup>th</sup> September 2016

The session covered important concepts related to Git and also made the participants aware of various commands one must know to successfully use Github. The speaker went ahead and talked about various opportunities open-source development offers and how one can get maximum advantage out of it.

### **Machine Learning**

Date: 29<sup>th</sup> September 2016

A workshop on Machine learning was held which was attended by 40 students from various colleges. Students were taught the basics of Machine learning along with their implementations in MATLAB. The workshop was lauded with the maximum feedback forms requesting for a longer session and more such workshops.

### **Distinguished Speakers Program**

Date: 4<sup>th</sup> October 2016

The chapter invited R.K. Shyamasundar, the man behind setting up of the Center for formal design jointly for IIT- Bombay, TIFR and DEA for a session on “Security and Privacy in Smart Grids”, as part of the ACM Distinguished Speakers Program. The talk was about the threat model for protection against cyber attacks and the necessary mechanisms for securing control systems using Smart Grid.

## **ENTHEOS '17 – Annual Fest of ACM BVP**

Laying impetus on quality rather than quantity, ACM BVP organized 3 major events this Entheos, which was held on 22<sup>nd</sup> March.

**1. Codathon:** A multi leveled coding competition which turned out to be a challenging one with the students striving hard to think of different approaches to the problems provided and explaining them to the judges.