



ACM Student Chapter Excellence Awards Application

The ACM Student Chapter Excellence Awards Program recognizes chapters that display considerable initiative during the academic year. Chapters who apply must be in a good standing which includes having an active status, a complete chapter officer list and at least 10 chapter members on the Chapter Administrative Interface. There are five categories student chapters may choose from: Outstanding Chapter Activities, Outstanding Chapter Website, Outstanding Recruitment Program, Outstanding Community Service, or Outstanding School Service. **Please submit separate applications for every category your chapter is applying for. Hand-written submissions will not be accepted.**

Application must be submitted to local_activities@acm.org by **March 23, 2018**. In the subject line please state your chapter name and the category for which you would like your chapter to be considered.

The last section of this application will require an essay. Please review the guidelines below for the category you are applying to.

Outstanding Chapter Activities

For ACM student chapters that sponsor a series of exceptional activities throughout the year or have focused their efforts on a single major activity. Tell us about your chapter's most successful activities. Be sure to describe each activity, including how many people participated, how it was funded, and what made it a success. If you have web pages for these activities, include the URLs.

Outstanding Chapter Website

For ACM student chapters that maintain an outstanding chapter website. Tell us about the design and content of your website and any noteworthy features. Also tell us how you created it and what you do to keep it up to date. Don't forget to provide the URL so the judges can check it out.

Outstanding Recruitment Program

For ACM student chapters that have done an excellent job of recruiting chapter members. Tell us about your recruiting program. How do you let students at your school know about your chapter and how do you get them interested in joining? What factors are most critical to your success? How many members does your chapter have?

Outstanding Community Service

For ACM student chapters that have made significant contributions to their communities through one major service project or a series of smaller projects. Tell



us about each project, who it served, and how many people participated. Why was your chapter interested in these particular projects? If you have web pages for these projects, include the URLs.

Outstanding School Service

For ACM student chapters that have made significant contributions to their own schools through one major service project or a series of smaller projects. Tell us about projects that help your fellow students, your department, or your school in general. Tell us about each project, how many people participated, and how it helped your school. If you have web pages for these projects, include the URLs. (Note, if you have worked on projects to help other schools, for example neighboring high schools, apply for the Community Service award rather than the School Service award.)



ACM Student Chapter Excellence Awards Application

Chapter Group ID: 78244

Name of Chapter: UPES ACM Student Chapter

Chapter Address: UPES, Bidholi via Prem Nagar, Dehradun, Uttarakhand

URL for your Chapter homepage: www.upesacm.org

Category you are applying for: School Services

Chapter Officers

Chair Name: Shubhankar Nath

Email: subhankar.nath5@gmail.com

Vice Chair: Rachit Singhal

Email: rachitsinghal0804@gmail.com

Treasurer: Rajat Khandelwal

Email: rajat.khandelwal38@gmail.com

Faculty Sponsor: Pankaj Badoni

Email: pbadoni@ddn.upes.ac.in

Secretary (if applicable): Alok Pandey

Email: pandeyalok305@gmail.com

Membership Chair (if applicable): _____

Email: _____

Web Master (if applicable): _____

Email: _____



Please provide a brief description of your chapter and school including number of chapter members (1500 character maximum):

Established in the year 2003, University of Petroleum and Energy Studies emerged as Asia's first energy and core sector university offering industry focused specialized undergraduate, postgraduate and doctoral programs in various fields. UPES is committed to maintaining high standards in providing the best quality education and endeavors to be recognized as the 'Nations Builders University' with a vision of creating specialized professionals in the core industrial sectors that contribute to the economic growth of the country. Its primary goal is to develop domain specific and talented professionals who are ready to join the core industries.

Established in the year 2010, The UPES ACM Student Chapter primarily focuses on creating interest, developing the logical thinking ability and spreading awareness about the technological and computing information among the people. Started as a small unit, the UPES ACM completed 8 years at the UPES Campus on 20th March, 2018. The UPES ACM team believes in working together as a family and always standing as a constant support for each other. Its main motive is to educate the community, by sharing valuable knowledge with people and keeping them updated with the latest happenings in the technological world. "Talent wins games, but teamwork and intelligence wins championships", this beautiful quote from Michael Jordan truly defines the shining journey of UPES ACM student chapter.

Number of students at your school who take computer science and related courses, and typical majors of your chapter members (1000 character maximum):

The UPES School of Computer Science has over 3000 students enrolled in multiple specialization programs offered in academic collaboration with IBM and Xebia. A few of the specializations include –

- **IBM** - Business Analytics and Optimization, Cloud Computing and Virtualization, Cyber Security and Forensics, Ecommerce, Retail, and Automation, Banking, Financial Services, and Insurance, Mainframe Technology, IT Infrastructure, Telecom Informatics, Open Source and Open Standards, IoT and Smart Cities, Healthcare Informatics, Mobile Computing
- **Xebia** - Mobile Computing, Big Data

The UPES ACM Student Chapter being one of the prominent international bodies in the campus has over 1000 members in all 4 years of the undergraduate program. The members of the chapter are primarily from all the verticals, but a major mass of the association is enrolled from Cloud Computing and Virtualization Technology, Business Analytics and Optimization, and Cyber Security and Forensics.



An essay on the category for which your chapter would like to be considered (4000 character maximum - approximately 500 words):

"Knowledge has to be improved, challenged, and increased constantly, or it vanishes."

— Peter F. Drucker

Living up to this quote, UPES ACM has conducted many events with the goal of educating its own members and also to provide some benefits of its wonderful existence to all those around it as well. For this very purpose some knowledge imparting workshops and activities, technical and non-technical by nature were organized by the Chapter.

1. **HOURLY OF CODE:**

It was organized in the Army Public School to teach the students of 6th and 7th standard about the basics of Computer Programming. The students of 11th and 12th were taught about JAVA a bit.

2. **SPY-C:**

A lecture series on C language, was also conducted to build the core foundation of programming and clear the basic concepts of the language for the Core Committee members.

3. **TECHNICAL ORIENTATION:**

It was the main highlight that made the Chapter members aware of what's trending in the field of IT, and how to pursue the domain as an interest, rather than as a forced obligation.

4. **WEB DEVELOPMENT WORKSHOP:**

Among many other workshops, "Web Development Workshop" was also organized for the booming fields of computing, syncing the mind and respecting the developing philosophy of growing together technically.

5. **WORKSHOPS IN COLLABORATION WITH INTEL CORPORATION:**

UPES ACM took their brand a notch higher by collaborating with Intel Corporation. The chapter organized workshops emphasizing on Technological progressions and provided hands-on experience to the students.

The various workshops organized were:

- **Intel Augmented Reality:**

To exhilarate the minds of the youth of UPES, an exclusive workshop on developing an android app based on augmented reality using Unity and Vuforia, was brought up by Intel with **Miss Manisha Biswas**, one of the leading Intel Innovators in the country, as the speaker.

- **Introduction to Neural Networks and AI Assistance:**

Mr. Rishi Gaurav Bhatnagar, Intel Software Innovator presided over the workshop and lecture session on Neural Networks and AI Assistance.

- **Intel 8 weeks Statistical ML learning:**

A training session on statistics and ML learning was also stratified by Secretary of our Chapter – **Mr. Alok Pandey**, who also happen to be an Intel Student Ambassador. The program involved 2-3 hours of weekly lectures and hands-on lab activities.