



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: 133416

Name of Chapter: UPES ACM Women Student Chapter

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

URL for your Chapter homepage: www.upesacmwomen.org

Category you are applying for: School Services

Chapter Officers

Chair Name: Akshat Chaturvedi

Email: akshat1304@gmail.com

Vice Chair: Aashna Jain

Email: aashna.jain268@gmail.com

Treasurer: Saransh Gahlot

Email: saransh13gahlot@gmail.com

Faculty Sponsor: Dr. Rashmi Sharma

Email: Rashmi.sharma@ddn.upes.ac.in

Secretary (if applicable): Preetbala Kaur Bhatia

Email: preet050296@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 endeavours 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.

The UPES ACM-W was found in April, 2015 with an aim to realize the dynamic image of women in the field of computers and information technology and to provide them with a platform to showcase their technical skills. We at UPES ACM-W try to follow in their steps to create a community where all men and women are given equal opportunities and work together in harmony. Last year we successfully conducted ACM-W India Celebration of Women in Computing (AICWiC) 2016 which was a massive success. We organized several enthralling events and activities exclusively for women which received tremendous participation from women all across India. And we wish to continue the trend by conducting another successful Regional Conference next year in February

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-W 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 increases by sharing but not by saving."

– Kamari aka Lyrikal

Keeping this thing in mind always, UPES ACM-W strives to conduct events and workshops that impart knowledge and share it with others. The list of such events and workshops held under the Chapter for the session 2017-18 are:

1) **HOUR OF CODE:**

The UPES ACM-W Family organised the second phase of the prestigious Hour of Code at the Vantage Hall Girl's Residential School, Dehradun.

The topic for the session conducted was Networking and vulnerabilities in modern social network. The students showed a deep curiosity in understanding the laws that govern modern networks and learning to patch through the vulnerabilities present on our social networks.

The team of five comprised of Shivam Srivastav, Kushu Ankush Sharma, Ashwin Arora, Mitali Diwan and Ashi Agarwal.

The event proved to be a success in extending the ideology of the Hour of Code.

2) **WORKSHOPS FOR MEMBERS:**

Three interactive workshops to inculcate new skills into our members were organized. "**Android workshop**", an introductory workshop on the basics of Android App development that too covered the topics including Fragments, ListViews and Basic Widgets along with MVC Model.

3) **WORKSHOPS IN COLLABORATION WITH INTEL CORPORATION:**

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

➤ **Intel IOT Workshop:**

The chapter codified another workshop on IoT collaborating with Intel Corporation on IoT. The workshop covered topics on various IoT domains, IoT hardware and architecture, and evolution of IoT ecosystem, commercial IoT and Intel's offering with their IoT stack, AWS overview, computer vision at the edge, how to use OpenCV, computer vision at the cloud, integrating IoT with the AI, GCP overview, speech to text conversion on edge and cloud and text analysis.

➤ **Intel's Augmented Reality:**

An informative and interactive session that tended to shift the focus towards the vertical of Augmented Reality was anchored by the leading Intel innovator Miss. Manisha Biswas. To exhilarate the minds of the youth of UPES, Intel brought this exclusive workshop on developing an Android App based on Augmented Reality using Android Studio, Unity and Vuforia.

4) **SPY-C:**

A lecture series on C language, was also stratified to build the core foundation of programming and clear the basic concepts of the language. It took 4-5 sessions to complete the series.