

ACM 2020-2021 Student Chapter Excellence Awards Application

For Application Guidelines, see <https://www.acm.org/chapters/student-chapter-excellence-awards>

Award Category: Outstanding Chapter Activities

Chapter Name: *

UPES ACM-W Student Chapter (133416) ▼

City: *

Dehradun

State/Province:

Uttarakhand

Country: *

India ▼

Outstanding Chapter Activities: Chapter Contact Information

Please provide all required information

URL for your Chapter homepage: *

For example, <https://www.acm.org>

<http://upesacmwomen.org/>

Facebook:

<https://www.facebook.com/upesacmw/>

Who is submitting this application? *

Enter Submitter's name

Riddhi Singh

Submitter's Email: *

Enter Submitter's email

riddhis2101@gmail.com

Faculty Sponsor Name: *

Rashmi Sharma

Faculty Sponsor Email: *

rashmi.sharma@ddn.upes.ac.in

Outstanding Chapter Activities: Chapter Achievements

Provide brief descriptions as requested, and stay within the character limit for each

Please provide a brief description of your chapter and school (1500 character maximum) *

About UPES:

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. The primary goal is to develop domain-specific and talented professionals who are ready to join the core industries by providing them with proper resources they need to enhance their professional skills. UPES also provides industrial exposure by taking students to industrial tours to show them how exactly the industries function and what the core sectors expect or demand from them.

About UPES ACM-W:

The UPES ACM-W Student Chapter was founded in April 2015 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.

UPES ACM-W Student Chapter is reserved exclusively for women to highlight the fact that women are as competent as men in the field of technology. To achieve this, we organize various activities and events to bring out the programmer and genius within every individual. We strive to create a healthy environment for women that encourage them to step forward and showcase their talent. Our efforts together as a team have made us strong and every one of our members have worked very hard to reach where we are today.

Outstanding Chapter Activities Essay Guidelines (4000 character maximum) *

Tell us about your chapter's most successful activity/activities – you may list a maximum of 4. Please ensure to enumerate each one and place in order from oldest to newest. Be sure to describe each activity, including: the date (add end date if it was multiple days), the type of event, 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. Please be sure to use your chapter's official name - do not refer to your chapter as 'ACM,' 'ACM-W' or 'WICS.' Please note, links to essays will not be accepted and will disqualify your chapter.

UPES ACM-W Chapter Activities:

1) Prodigy'20:

UPES ACM-W organised its annual technical fest, Prodigy, which brought a series of technical and recreational events just for the students. In Prodigy'20, all events and workshops whether technical or non-technical were themed 'Ten Year Challenge' and made a remarkable success. The total number of participants was 700+ and was held on 21st February, 2020 - 22nd February, 2020. Prodigy'20 was funded by various sponsors and the college. Events organised under Prodigy are given below:

1.1) Eminent Speaker Programme:

UPES ACM-W invited Mr Sridhar Chimalakonda for the ESP, who delivered an enthralling session on the topic: 'Lasting Contributions of Computing- Past, Present and Future'. He is an assistant professor at IIT Tirupati and a volunteer for ACM SIGSOFT. Being an eminent figure in innovation and technology, he has also served as the co-author of many journals in the area of software reuse.

1.2) Codewars:

Competitive coding is the ultimate showdown for coders and Prodigy's 'CodeWars' kept that spirit alive. The participants were required to solve 5 problems online within 5 hours on their hackerrank account using any language of their choice.

1.3) Workshop: Serverless Application Development:

The spirit blazing Prodigy'20 introduced an amazing workshop which aimed at the fundamentals of 'Serverless Application Development' that was conducted by Mr. Nikhil Gupta, a UPES Alumni and an experienced Full Stack Engineer at Veris, skilled in DevOps, Amazon Web Services.

1.4) Retro Design:

Retro Design was a great platform for digital and hand designers to take their creativity to the next level. The ultimate task of this event was to design a logo/poster/product of old technology and explain the beauty of the design verbally but designing should be done in the light of the fact that how the old technology would have looked like if it was introduced today. The winners received cash prizes and made their craft noticed in front of everyone.

2) Sahayak Virtual Hackathon:

Date: June 12 to June 26, 2020

'I am not disabled, I am just specially-abled.'

UPES ACM and UPES ACM-W took an initiative for the differently-abled, especially those affected by a concerned economy and health implications amidst this COVID-19 outbreak.

The event marked its success with the participation of more than 800 interested students, teams from 110

distinct institutions from across 21 Indian states in addition to teams from the US. The event was embellished by the presence of prominent speakers, Mr. Rajive Gulati (Head Incubation, UNTIL), Col. Kalminder Singh (Philanthropist).

The themes of the event included social inclusion, sanitisation resources, educational technology, social distancing, news/information delivery systems and transitioning to changed circumstances. 68 teams paved their way to the second round and 15 teams nailed it to the final round and won prizes up to rupees 2,5,000 including round trip tickets to the beautiful city of Singapore.

3) Participation in ACM India Activities:

3.1) Hour of Code:

Date: December 12, 2020

Hour of Code is a global movement designed to generate excitement in young people about programming and technology. Games, tutorials, and other events were organized during Computer Science Education Week around the world, inspiring the next generation of computer scientists.

4) Projects by the Technical Team:

4.1) CSR Website: Website for NGO

The CSR team at UPES ACM-W is dedicated to showcasing activities for women empowerment. From all the NGOs the chapter has worked with, to the chapter's contribution to numerous noble causes - the website showcases it all.

4.2) E-commerce website for blinds

Ray Blinds Inc. is a Lower Mainland-based company offering Premium Blinds and Shades. The development process started with designing the website in adobeXD according to the client's requirement, the web-page was finalized. NodeJS was decided as a backend because speed was an important factor.

This form was created inside of Association for Computing Machinery.

Google Forms