

ACM 2020-2021 Student Chapter Excellence Awards Application

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

Award Category: Outstanding Website

Chapter Name: *

USICT ACM Student Chapter (180752) ▼

City: *

Delhi

State/Province:

Delhi

Country: *

India ▼

Outstanding Website: Chapter Contact Information

Please provide all required information

URL for your Chapter homepage: *

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

<https://usict.acm.org>

Facebook:

<https://facebook.com/acmusict>

Who is submitting this application? *

Enter Submitter's name

Gaurav Jain

Submitter's Email: *

Enter Submitter's email

gauravjain2202@gmail.com

Faculty Sponsor Name: *

Dr Rahul Johari

Faculty Sponsor Email: *

rahul@ipu.ac.in

Outstanding Website: 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) *

USICT ACM Student Chapter was launched in 2019 to promote the Computer Science culture in USICT, GGSIPU. The team is dedicated to giving the maximum possible value to a computer science enthusiast.

Interestingly, we also bring computer enthusiasts from different domains and caters to the discussion among them. At USICT ACM Student Chapter, we see a world where computing helps solve tomorrow's problems, where we use our knowledge and skills to advance the profession and make a positive impact.

Here we have 8 constituent clubs for various domains of Computer Science. We have conducted over 20 events in the past year, with a growing network of more than 500 students.

USICT ACM Student organizes various events, webinars, and workshops to enhance the computer and scientific knowledge among the students. Chapter members are offered many opportunities, from mentors providing essential technical knowledge to information about lucrative internships up for grabs. We have been the biggest society in the whole university since our inauguration.

In the past few years, USICT ACM Student Chapter has conducted multiple events both online and offline to promote the motto of "Advancing Computing as Science and Profession", among the students and get most of the people connected to the ACM community. Despite the COVID Pandemic and lockdown, we kept working without any break to give the stage to many more professionals and students to learn various computer science skills.

Outstanding Chapter Website Essay Guidelines (4000 character maximum) *

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. 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.

USICT ACM Student Chapter as a web aims to provide authentic and credible resources to USICT ACM Student Chapter participants. Our mission was clear to make crude web learners participate in our Open source web development and heavily contribute along with sessions to make the organization ready. The website majorly uses HTML, CSS, Bootstrap, and JS. All the designs were first made on Figma and then coded with proper phase-wise planning to ensure a smooth user and developer experience. The website is hosted on CPanel and uses PHP for server-side rendering.

We follow Agile methodology to enhance our team's performance and create a professional environment. Under agile methodology, we release new updates every two weeks. The work is done on two branches on GitHub - Main and Develop. Website team works on the development branch and once done, the code is pushed to the main branch after proper testing. Testing includes the test for responsiveness, cross-browser compatibility, and corner cases. After testing and merging the code with the main branch, the website is made live using CPanel. After making the website live, the ACM team is asked to test the features. This process takes 1-2 days and necessary changes are done for a smooth experience. For Security, every deployment is handled from our local system, and permissions are only held with the ACM Web Chair.

As a team, we have daily scrum meetings to discuss the process. A detailed plan is laid out by the web chair and regular updates are given on the progress to meet the deadlines.

As you start viewing our website, you are welcomed by some sliding pictures of our events which use slider.js. Moving downwards you will see the section telling about our Chapter and its vision and mission. To smoothen the UX, we have then shown the upcoming/ongoing events in the announcement sections. This section also uses slider.js to give a sliding effect. We then have put all our events that are completed. We have mentioned all the Office Bearers of the USICT ACM Student Chapter along with their LinkedIn profile. We have also given a Get In Touch form for feedback. The form uses Google form as the backend to receive responses, directly accessible to the Public Relations Head of the team. Footer contains all the backlinks to ACM-related websites and our social media handles.

We have also pages for the sponsors that are divided into various sections such as institutes, speakers, and partners. Moreover, we have a page to explain about our clubs. We have also dedicated a page to show all the benefits of Joining ACM and the path to join it.

Moving to our flagship event, Trellathon, we have created a webpage for that as well. The website, based on a dark theme, has a landing page with a beautiful effect on the growing network. It has the relevant details of the event. Just below this, we have an "About" section to tell you about the hackathon. Going below, a timeline is given to ensure that everybody abides by the time and be ready as per the schedule. After the timeline, the section is given to download the problem statement of the event. Then we have our registration section. We have used Firebase Firestore to store the data of the participants. Security rules are also written to ensure the security of data. For the submissions of the hackathon, we have used firebase storage to store the responses. HTML validation and validate.js were used to validate different fields. Admin panel was also created to ensure the smooth marking of responses by the judges. Here, the organizers can download

a CSV of the responses.

In the pipeline, we have the Student Activity Corner, where a student can keep track of all the university-related activities (like events, attendance, etc.)

The website has an admin panel that is being accessed by the Web Chair. This ensures the smooth functioning of the website.

USICT ACM Student Chapter Website - <http://usict.acm.org>

ACM Trellathon Section- <http://usict.acm.org/hackathon.html>

This form was created inside of Association for Computing Machinery.

Google Forms