

ACM 2022-2023 Student Chapter Excellence Awards Application

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

Award Category: Outstanding Website

Chapter Name: *

PICT ACM Student Chapter (156922) ▼

City: *

Pune

State/Province:

Maharashtra

Country: *

India ▼

Outstanding Website: Chapter Contact Information

Please provide all required information

URL for your Chapter homepage (for example, <https://www.acm.org>): *

Please ensure your chapter logo abides by ACM's Chapter Logo Policy (<https://www.acm.org/chapters/chapter-policies>).

<https://pict.acm.org/>

Facebook:

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

Who is submitting this application? *

Enter Submitter's name

Ashutosh Shaha

Submitter's Email: *

Enter Submitter's email

ashutoshbshaha30@gmail.com

Faculty Sponsor Name: *

Dr Geetanjali Kale

Faculty Sponsor Email: *

gvkale@pict.edu

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) *

PICT ACM Student Chapter (PASC) is a student chapter organization subsidiary of the Association for Computing Machinery, a worldwide learning society for computing. The chapter was founded on March 1, 2011. Started with a vision to carry on ACM International's intentions on a grass root level at PICT, PASC has seen tremendous growth ever since its foundation.

PASC endeavors to cultivate technical and non-technical dispositions for comprehensive enhancement. Started by four founder members, in a short period, PASC has marked its evolution exponentially. Now we are a big family of more than 400 members. Relishing our efforts, we have been awarded the OUTSTANDING ACM STUDENT CHAPTER five times in 2017, 2018, 2019, 2020, and 2022 and the OUTSTANDING WEBSITE AWARD in 2021. We always have the vision to build an ambience for new ideas to flourish and to showcase the best of our potentials to help an individual develop in every aspect. We wish to make PASC and in turn, ACM an epitome of immense advancement.

Activities conducted by PASC:

1. Annual Technical and Non-Technical Event Radiance & Pulzion
 2. Hackathons
 3. Projects
 4. Research Papers
 5. Workshops
 6. Special Interest Groups (SIG) and Seminars
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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.

Welcome to the official website of the PICT ACM Student Chapter (PASC), the recipient of the Outstanding Student Chapter Award in India five times consecutively (2017, 2018, 2019, 2020, and 2023). In addition, we won the ACM India award for an Outstanding Website in 2021.

Our highly experienced web and design team has had extensive and in-depth conversations to determine the ideal user interface for a seamless user experience. We used cutting-edge technologies such as React JS and Material UI for the front end, along with Gatsby and Tailwind CSS to make our website look more elegant.

Our members contributed greatly to the development and design of our website, working overtime to make it both aesthetically pleasing and user-friendly. It is packed with details about our chapter and its activities, including news, forthcoming events, and student opportunities. Our chapter, forthcoming events, and student activities are all regularly updated on the website with fresh material. Additionally, it offers a forum for members to communicate online. We are very pleased with how our website has elevated student involvement with the chapter. More students are now aware of the tools and opportunities at their disposal and are able to use them. Our members have also built our website's complete registration portal from scratch.

We utilized the MERN stack to enable content to be updated dynamically, allowing for most sections of the website to be dynamically updated from our Admin Panel, which is run by our webmaster. The admin panel allows for the following functions:

- a. Alert people to impending events
- b. Provide updated information on planned and past events
- c. Check and approve blogs
- d. Control the gallery's pictures
- e. View the specifics of the work completed by our members

Our webmaster moderates the content and ensures the website is consistently updated.

The "Events" page is dynamically updated at <https://pict.acm.org/whatwedo#events>, with regular updates to both the database containing records of completed events and activities and the information about impending events. The webpage offers a link to our main event website, Pulzion.

By employing JavaScript libraries that create thumbnails of photos and display them on the website instead of the original images, the "Glimpses" (<https://pict.acm.org/glimpses>) is made lightweight and modular, speeding up page loading.

In the "Achievements" section (<https://pict.acm.org/achievements>), users can view the projects completed by our chapter members, providing a platform for our members to showcase their projects. This section helps the team keep track of all its members' activities and enables other members to learn from the skills of their fellow members.

The “Join PASC” section (<https://pict.acm.org/join>), contains as detailed information about benefits of getting an ACM Membership, and also how joining PICT ACM Student Chapter (PASC) will help them to shape their career. It also contains testimonial of our alumni.

We also created a Progressive Web Application (PWA) for the website that allows users to access its contents offline on mobile devices. Users have a better user experience and find the progressive app more user-friendly because it gives them access to native app experiences in a browser tab. In addition to the PWA, we focused on important elements such as Search Engine Optimization (SEO).

Our technical stack includes Gatsby, GraphQL, Tailwind CSS, Contentful CMS, Cloudflare, CDN, React JS, Material UI.

This form was created inside of Association for Computing Machinery.

Google Forms