



This report has been submitted by the BITS Pilani-Rajasthan ACM Student Chapter to be considered in the category **Outstanding Chapter Website Award** at ACM Student Chapter Excellence Awards.

Submitted by

BITS Pilani-Rajasthan ACM Student Chapter
Mr. Avinash Gautam, Faculty Sponsor, BITS ACM
Email: avinash@pilani.bits-pilani.ac.in
Department Of CSIS, BITS - Pilani,
Pilani, Rajasthan,
India - 333031

Shubham Gupta
Chair, BITS ACM
Birla Institute of Technology and Sciences, Pilani
Pilani Campus
Mobile: +91-9772063055
Email: shubhamgupta1404@gmail.com

Kapil Singhal
Vice-Chair, BITS ACM
Birla Institute of Technology and Sciences,
Pilani
Pilani Campus
Mobile: +91-9782608518
Email: kapilgkrr@gmail.com

Hardik Malhotra
Treasurer, BITS ACM
Birla Institute of Technology and Sciences,
Pilani
Pilani Campus
Mobile: +91-8094079111
Email: hardikmlhtr@gmail.com

BITS ACM Pilani Chapter is the largest technical association and the most active student body in BITS Pilani, Pilani Campus.

The Chapter has 653 active members.

The Chapter has 1108 original members.

Website: www.bitsacm.acm.org





Below is the detailed explanation of our chapter website.

- **About**

The website has been designed to serve as an apt platform showcasing the activities and programmes conducted by or in collaboration with the BITS-ACM chapter and to publicize the work done by the chapter. In addition to this, the BITS-ACM website serves as a tool for the purpose of learning and understanding methods of advanced Web Design and Development.

- **Building the Website and Maintenance:**

BITS-ACM has a dedicated group for Web development and design. The WDSIG (Web Development Special Interest Group) and the web design team work hand in hand to build, maintain and regulate content on the chapter's website.

WDSIG - As the name suggests, WDSIG is a group of people learning and helping each other dig deeper into various areas of web development and web design. The chapter conducts various workshops and lecture series where even non-chapter members can participate. The WDSIG serves as an excellent way of learning web development on campus. The BITS-ACM has collaborated with various campus departments in creation and maintenance of their websites which include websites for the Cultural Fest (Oasis), Technical Fest (APOGEE) and Sports Fest (BOSM) in collaboration with the Department of Visual Media (DVM). Almost all websites including those for BITS Library and ARCD are built and maintained by WDSIG under BITS-ACM.

The website development team is mainly divided into two broad parts – mentors and learners. Learners get a chance to experiment, experience and enhance their skills in web development. Mentors, on the other hand guide them towards best practices in the area, clear their doubts and technical glitches, to ensure that the work is completed on time. The website is updated regularly by the team.

- **Technical Details**

Server-side scripted in PHP, with the client-side setup using simple front-end technologies.

- **Website's Content**

The chapter website provides the viewer an insight as of what BITS-ACM is about and the activities and events conducted by BITS-ACM.

1. Events: BITS-ACM has conducted various technical events that test coding abilities, aptitude and skill of the participants.





2. Projects: During each academic year, under the flagship of Apogee (Tech-fest here at BITS Pilani), which span over a range of fields of implementation, with Automation, Signal Processing, Software Design being a few to be listed.

3. SIGs: The chapter conducts various workshops for non-members on topics like Windows and Android Application development, Front-end and Back-end web development, competitive coding and game development.

