

## **CHITKARA ACM STUDENT CHAPTER**

### **Address:**

Chitkara University (Punjab), Chandigarh-Patiala National Highway (NH-64), Village Jhansla, Patiala, Punjab 140401, India.

### **Chapter Officers and Faculty Sponsor:**

**Faculty Sponsor:** Mr. Saravjeet Singh ([saravjeet.singh@chitkara.edu.in](mailto:saravjeet.singh@chitkara.edu.in))

**Chairperson:** Mr. Saurabh Chauhan ([saurabhchauhan1@acm.org](mailto:saurabhchauhan1@acm.org))

**Vice Chairperson:** Mr. Pankaj Ranga ([pranga@acm.org](mailto:pranga@acm.org))

**Secretary:** Ms. Nikita Singla ([nikitasingla@acm.org](mailto:nikitasingla@acm.org))

**Membership Chair:** Ms. Nikita Goyal ([nikitagoyal@acm.org](mailto:nikitagoyal@acm.org))

**Web Master:** Mr. Saurabh Ranjan ([saurabhranjan@acm.org](mailto:saurabhranjan@acm.org))

**Treasurer:** Mr. Shashank Pandey ([shashankpandey2@acm.org](mailto:shashankpandey2@acm.org))

Number of Chitkara ACM Student Chapter Members: 800

Number of Faculty Volunteer: 10

Number of members associated with ACM (membership holders): 35

### **Student count in Chitkara University Institute of Engineering and Technology (CUIET):**

Under Graduation Course (B.E.)

- Computer Science = 1750 Students
- Electronics and Communication = 250 Students
- Mechanical Engineering = 350
- Electrical Engineering = 100

Post Graduation Course (M.E.)

- Computer Science & Engineering = 40 Students
- Electronics & Communication Engineering = 25 Students

- Construction Technology & Management in collaboration with ACC Limited = 20 Students
- Mechanical Engineering = 20 Students

### **About Chitkara University:**

<http://www.chitkara.edu.in/>

Facebook: [www.facebook.com/ChitkaraU](http://www.facebook.com/ChitkaraU)

Twitter: [twitter.com/ChitkaraU](https://twitter.com/ChitkaraU)

Chitkara University in Punjab has been founded by Dr.Ashok Chitkara and Dr.Madhu Chitkara who have been passionate teachers for more than 40 years now. Since inception, Chitkara University has been different. Our students have been different. So are our faculty, our academic strengths and our outlook on teaching and learning.

Within a decade, most of our academic programs are ranked in top 50 programs in the country. The unique difference being that Chitkara University has been established by and managed by passionate academicians with the sole mission of making each and every student **"industry-ready"**.

The sprawling campus of the University is equidistant from Chandigarh, Mohali, Panchkula, Ambala and Patiala. The University offers multi-disciplinary programs, all of which are designed to be industry-relevant. As a result of this student-centric approach, Chitkara University is renowned as one of the best private universities in the North India region. From business management programs to programs in nursing and medical laboratory technologies; and from computer science, electronics and mechanical engineering programs, to hotel management and architecture—Chitkara University, Punjab is a veritable cornucopia of educational services. A healthy number of foreign students regularly study at the campus and number of them also visit on exchange programs, adding to the cultural diversity found on campus. The University in Punjab provides several opportunities for local students, too, to visit foreign universities and institutions on such exchange programs, thereby helping them receive invaluable international exposure.

The University has at the centre of its philosophical core the commitment to excellence in education, and a **VISION** to be a globally recognized organization promoting academic excellence through interdisciplinary applied research and to expand realms of knowledge through innovation.

### **About Chitkara ACM Student Chapter:**

<https://chitkara.acm.org>

<http://www.chitkara.edu.in/acm/>

Facebook: [www.facebook.com/ACMChitkara](http://www.facebook.com/ACMChitkara)

Twitter: [twitter.com/ChitkaraACM](https://twitter.com/ChitkaraACM)

Chitkara University's ACM Student Chapter chartered on 28 February in 2010 and the chapter commenced on March 8 in the same year. The chapter was initiated with a goal to generate curiosity among the students for impending technologies in computer science apart from the regular course content.

The chapter constantly endeavours to amplify the practical expertise of its members through expert talks, industry-oriented hands-on courses, workshops, industrial visits, quizzes and debugging and coding competitions. It is the combination of dedication, hard work and hunger for achieving perfection, along with the utmost sincerity shown by the team that makes our chapter the best. Our team is not just a team, rather we see ourselves as a family of around 800 members who are working constantly not only towards the growth of our chapter but also towards growth of inner-self and overall personality.

Various timely activities are organized and operated exclusively for educational and scientific purposes in order to:

- Increase and improvise the knowledge of upcoming research fields in science, design, development, languages, management.
- Improve interest in computing and its applications.

A Project Display Competition titled '**AARDA**' is organized every semester to

facilitate students to showcase their projects. The contest was meant for members as well as non-members. Students displayed their talent through various projects made under academia and the best project was awarded.

Through unending support provided by the chapter officers and faculty sponsor, tremendous enthusiasm has been instilled among the chapter officers to lead, inspire, explore, motivate and learn.

It is through this support that Chitkara ACM Student Chapter is the best Student Chapter in Chitkara University.

## **ESSAY: CHAPTER ACTIVITIES**

Our activities in the last year:

- **Hour of Code:** Chitkara ACM Student Chapter organized "Hour of Code", which a global movement reaching tens of millions of students in 180+ countries. Around 80 students became part of this movement. Students who participated in the event were rewarded with certificates and chapter was rewarded with Pizza party.
- **DSP Talk:** Our Chapter organized DSP (Distinguished Speaker Program) Talk "What does Engineering mean to a student" by Dr. *Amit Nanavati, Senior Researcher at IBM Research, India* on 15th March, 2017. The session witnessed a turnaround of about 200 participants. He motivated the students to advance towards research in fields.
- **AARDA 2016:** Our Chapter organized the annual Eminent/Star Project Display of CSE department, where enthusiastic teams participate in the display. Students present the projects related to IOT, hardware devices, core programming, web development and networking.
- **Ionic Workshop:** Workshop was organized with *Mr. Tejinder Singh, Technical Head, 9i Technologies*. Around 115 students participated in the workshop in which they were taught Angular JS and various ionic tools. The versatility, use and growth of the platform was discussed.

- **IOT Workshop:** Our Chapter organized a workshop on “Internet Of Things”, where they were given hands-on demonstration of Raspberry Pi, its working as well as programming and were shown various sensors and devices used in the field . Attendance:140 students.
- **Codathon 2K17:** Online Codathon was organized on “HackerEarth” platform to test the coding skills of students. The event witnessed mass participation from all the nearby colleges.
- **Enigma:** Enigma was designed to test the creativity as well as the coding skills of the student. It had a Word Cloud, Picture Story writing and finally a Coding Contest, which involved the teams to pick out a slip, which contained the language of which they will be getting the coding questions. Attendance:150 students(50 teams).
- **Creating art with illustrator:** A full day Photoshop workshop/session was delivered by Mr. Ranga, Vice Chair of our Chapter. He shared the knowledge of photography, Illustrator, poster making etc. Students enjoyed the session and enhance their skills with great enthusiasm.
- **Industrial Visit:** An industrial visit to Infosys campus in IT Park, Chandigarh was organized by our Chapter. Students were given insight of industry.
- **Web Players:** Web Players included three rounds each of which were designed to test various skills of participants. Event included a Puzzle, a Quiz and finally a Web Designing Challenge. More than 25 teams participated (approx. 160 students) in the event.
- **Dodge Ball:** A hostel activity was organized by our chapter in which students participated with full enthusiasm to showcase their sports and technical skills.Attendance:40 teams (around 160 students).
- **Code Maniac:** Code Maniac was aimed to test problem solving skills of students. It had a tricky memory test and a Code Shuffle round in which 10 codes were given to the participants with jumbled statements and lots of bugs. Participants had to execute the maximum no. of codes in 1 hr without writing any original code of their own.
- **Upcoming Major Events:**
  - ACM-W Hackathon

- CS Pathshala
- ACM Summer School