

ACM 2019-2020 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: *

National University of Computer and Emerging Sciences ACM Student Chapter (46322) ▼

City: *

Lahore

State/Province:

Punjab

Country: *

Pakistan ▼

Outstanding Chapter Activities: Chapter Contact Information

Please provide all required information

URL for your Chapter homepage: *

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

<https://nuces.acm.org>

Facebook:

<https://www.facebook.com/NUCES.ACM>

Who is submitting this application? *

Enter Submitter's name

Danish Ali

Submitter's Email: *

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Faculty Sponsor Name: *

Dr. Kamran Lodhi

Faculty Sponsor Email: *

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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) *

OUR INSTITUTE:

Founded in 2000 the National University of Computer and Emerging Sciences Lahore Campus is considered one of the pioneers of bringing Computer Science to Pakistan. The institute currently offers degrees in Computer Sciences, Electrical Engineering, Civil Engineering, and Management Sciences.

OUR CHAPTER:

National University of Computer and Emerging Sciences ACM Student Chapter has 100 active members and is celebrating its 19th Birthday this year. The chapter is one of the earliest established chapters and has a positive and supportive organizational culture that proves to be the Midas' touch in helping students from volunteers to the executive body efficiently network, work in teams and become self-actualized individuals. We aim to offer members and participants an opportunity to polish their skill sets and gain technical knowledge under the official ACM mission. We bridge the gap between being book smart and having practical knowledge.

This year our chapter organized standalone workshops, seminars and organized Geek Week 2020 which was a 3-day event filled with competitions, talks, and workshops.

Outstanding Chapter Activities Essay Guidelines (4000 character maximum) *

Tell us about your chapter's most successful activity/activities. Be sure to describe each activity, including 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.

National University of Computer and Emerging Sciences ACM Student Chapter had a three-fold objective this year

- 1.To increase the members of our chapter.
- 2.To focus on multiple small events over the year along with our annual event, Geek Week.
- 3.To increase collaboration with other student chapters.

Described below are various events that took place and their significance towards our objectives.

1. Orientation

<https://bit.ly/33yVTS2>

Audience: 50+.

In order to get more students involved in our chapter, we began the year with a formal orientation that included an introduction of ACM, how it helps and benefits people in the world of computing, activities planned for the coming year, and the benefits of being a part of NUCES ACM.

2. Recruitment Drive

Audience: 130+

Our society is divided into multiple teams. The recruitment drive consists of students applying for specific team(s). After short interviews they are added to specific teams based on their choice as well as their abilities.

3. Mentorship Session

<https://bit.ly/3a8x0PF>

Audience: 50+

Our university is famous for the complexity and quality of its curriculum. As a result, freshmen often find it difficult to cope with it. This seminar was to help them navigate in their fresh university life. We invited senior students to share their experience.

4. ICPC Mentorship Session

<https://bit.ly/3dd6kiB>

Audience: 20+

With the ICPC regionals coming up, we invited a successful competitive programmer Harris Muneer to give advice on preparing for programming competitions.

5. ICPC Regional Participation

Audience: 30

At the direction of our institute, NUCES ACM prepared teams for participation in the Regional ICPC held in GIKI. Our faculty advisor and a senior member went along with the teams to guide them.

6. Machine Learning Seminar

<https://bit.ly/3bg0MC1>

Audience: 40+

A seminar was arranged on the basics of machine learning. We invited an industry veteran to deliver this.

7. Freelancing Seminar

<https://bit.ly/3a9drGR>

Audience: 100+

We invited an industry veteran and a visiting professor at our university, Mr Asad Jahangir to share his experience regarding freelancing with the students, including guidelines on how to get started.

8. Graphic Designing Workshop

<https://bit.ly/3ddXb9v>

Audience: 40+

A workshop was arranged in order to give students an opportunity to learn this in-demand skill. The workshop began with the basics and then proceeded towards more advanced skills.

9. Geek Week

<https://bit.ly/2J4U1Hc>

Audience: 250+

Geek week is the annual flagship event of NUCES ACM student chapter. This is a national level event and records participation from across Pakistan. This year's geek week consisted of following events spread out over a period of 3 days:

-Workshops:

- i. Ethical Hacking
- ii. Actions on Google
- iii. Cloud Computing
- iv. GitHub
- v. Resume Building
- vi. Microsoft Technologies
- vii. UI/UX Design
- viii. Web Dev in Python

-Seminars:

- i. Women in Technology
- ii. How to Face Technical Interviews
- iii. Machine Learning

-Competitions

- i. Catch a Bug
- ii. IQ Test
- iii. Programming
- iv. Anime Music Video
- v. Chess
- vi. CS:GO
- vii. Tekken 7

Some of the more popular modules are described below

1. Programming Competition

A competition along the lines of ICPC was arranged with a nationwide audience. The candidates were judged on the correctness and efficiency of their solutions.

2. Women In Tech Seminar

Like most of the world, the gender ratio in the CS industry is not balanced in Pakistan. By inviting women

who have been successful in the techno-sphere we hoped to influence people in a positive manner.

Future Events

The following events are yet to be conducted this year.

1. Research Methodology Seminar

This seminar is specially intended for junior year students to aid them in FYPs.

2. Game Development Workshop

A two day long workshop delivered by a professional game developer.

This form was created inside of Association for Computing Machinery.

Google Forms