



**Birla Institute of Technology and Science, Pilani
Pilani Campus
ACM Student Chapter**



Application for ACM Student Chapter Excellence Awards

Category: Outstanding Chapter Activities

Details:

Name: BITS Pilani-Rajasthan ACM Student Chapter

Address: Birla Institute of Technology and Science -Pilani, (BITS-Pilani)
Vidya Vihar, Pilani, Rajasthan - 333031, India.

Webpage: <http://bitsacm.acm.org/>

University: BITS-Pilani (<http://www.bits-pilani.ac.in/>)

Facebook: <https://www.facebook.com/bitsacm/>

Total Active Members: 317

Chapter Officers:

Chair: Kapil Singhal (kapilqlkrr@gmail.com)

Vice Chair: Mihir Deshmukh (mihirsdeshmukh10@gmail.com)

Secretary: Cheral Khandediya (khandediycheral@gmail.com)

Treasurer: Pranghav Singhal (prangav.singhal@gmail.com)

Faculty Sponsor: Prof. Avinash Gautam (avinash@pilani.bits-pilani.ac.in)

Submitted By:

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About Us: BITS-Pilani is the top ranked private university in India. BITS-Pilani Rajasthan ACM Student Chapter (BITS-ACM) conducts numerous events round the year with focus on [APOGEE](#), the technical fest of BITS Pilani. Alumni from BITS-ACM team have their own successful companies, have went for research in top universities. Students have participated in various ACM Student Research Competitions and Faculty Members presented their research in ACM Conferences some of them have bagged Best Paper Awards. We also mentor 2-3 ACM Student chapters in India including IIT Roorkee, MNM Chennai, BKBIET to help the chapters excel and the students acquire knowledge. Our events range from fun contests to academic lectures giving our members an opportunity to bond, learn, innovate and lead

OUR EVENTS:

ACM Symposium:

[ACM Symposium](#) was one of the kernel events of APOGEE 2017. [Esteemed speakers](#) delivered lectures for the event as part of ACM Eminent Speakers Program. The speakers included [Rashmi Mohan](#) (Secretary ACM India), [Mohan Dhawan](#) and [Venkataraman Ramachandran](#)([review](#)). They spoke on Data Analytics, Security and Blockchain and Virtual/Augmented Reality.

Machine Learning Workshop and SIG lectures:

BITS-ACM had organized a [Machine Learning workshop](#) which included a [Lecture Series](#), which introduced them to the basics of Machine Learning and exploring a few common algorithms, and helped students get acquainted with the tools and techniques of machine learning and solve real world problems by writing code in the follow-up hands on sessions. It was encouraging to see that, even Master's students learnt a lot from the lectures of undergraduate students as well as receive appreciation for the content.

BITS-ACM had also organized a number of SIG lectures on topics like Front-End, Back-end, Linux, Cryptography, Machine Learning, App Development for the benefit of students.

Machine Learning Hackathon:

BITS-ACM with the support and coordination of [MapMyIndia](#), conducted a Machine Learning Hackathon on [Kaggle](#) with prizes worth INR 60K. We are delighted to be among very few Indian Universities who have conducted a Data Science contest on Kaggle that has been completely organized by a student body.

Inter BITS Coding Competition:

In an effort to promote a culture of Competitive Coding across BITS Pilani, BITS-ACM had organized an Inter Campus Contest on [Hackerrank](#). The competition took place in all the four BITS Campuses namely Pilani, Goa, Hyderabad, and Dubai. We coordinated with ACM BITS Dubai Student Chapter and students in Goa and Hyderabad

BITS-ACM Python Challenge:

BITS-ACM had conducted an intra-BITS Python Coding Competition on [Hackerrank](#). Freshers who performed well were given a opportunity to join BITS-ACM.

ACM ICL:

ACM International Coding League, (BITS-ACM ICL) is an online computer programming competition, hosted among the universities of the world. It was a rated contest conducted on [CodeChef](#) for a handsome prize money worth INR 50K. [The event](#) saw 476 participants with 35 international contestants from countries like USA, Taiwan and Russia. There were only 2 rated university contest on Codechef in the month of march and we had the highest participation.

STOCK MARKET SIMULATION:

Stock Markets are a fascinating treats to minds and for those who love making money. It's an event where participants can show off their stock market skills by increasing the portfolio value of the initial virtual money that is given to them.

There are multiple rounds, with varying difficulty and situations. The final on-campus round is organized on the concept of LIVE Trading.

CHECKMATE:

An online event, built to test the mental aptitude of the participants, consists of brain teasers, logical and mathematical questions based around a myriad of themes, is conducted by BITS-ACM once every semester. Some of the themes include 'Around the World', 'Pokemon Go' and latest being that of our technical fest, The 'Retro-Future'. The process of development includes designing the gameplay, creating the graphics and attractive front-end and the back-end along with management of event.

DEALING WITH DISTRACTIONS:

The event was conducted for the first time in APOGEE 2017. It was organized in collaboration with ACM-W. It's an online quiz that consists of distractions to deviate you from your target of solving the puzzles.

PICTIONARY:

Pictionary is a charades-inspired word guessing game. The game is played in teams where the players try to identify the specific word from their teammates' drawing.