UPES ACM-W STUDENT CHAPTER

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Chapter Executives

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Shivangi Prasad	Secretary
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About
UPES

Established in the year 2003, University of Petroleum and Energy Studies emerged as Asia's first energy and Core Sector University offering industry focused specialized undergraduate, postgraduate and doctoral programs in various fields. UPES is committed to maintaining high standards in providing the best quality education and endeavours to be recognized as the 'Nations Builders University' with a vision of creating specialized professionals in the core industrial sectors that contribute to the economic growth of the country. Its primary goal is to develop domain specific and talented professionals who are ready to join the core industries by providing them proper resources

they need to enhance their professional skills. UPES also provides industrial exposure by taking students to the industrial tours to show them how exactly the industries function and what the core sectors expect or demand from them. It has many student chapters and societies consisting of core committee members, and faculty sponsors who work together to create a healthy working environment for the

students. UPES believes in providing opportunities to each and every one to showcase their talents in front of the world by carrying out different technical and non-technical

competitions, fests and events as well as workshops and tutorials. Its mission is to improve the skillsets of the individuals and upgrade it to a level which will help them stand out from the rest and bring out the best in them.

About
UPES
ACM-W

The UPES ACM-W was found in April, 2015 with an aim to realize the dynamic image of women in the field of computers and information technology and to provide them with a platform to showcase their technical skills. We at UPES ACM-W try to follow in their steps to create a community where all men and women are given equal opportunities and work together in harmony.

UPES ACM-W Student Chapter is reserved exclusively for women with an aim to highlight the fact that women are as competent as men in the field of technology. To achieve this, we organize various activities and events to bring out the programmer and genius within each and every individual. We strive to create a healthy environment for women that encourage them to step forward and showcase their talent. We endeavour to provide collective learning through our various

activities and events while giving them a platform to boost up their confidence. Our efforts together as a team have made us strong and each and every one of our members has worked very hard to reach where we are today. We still have a long way to go and we plan to continue to working hard with determination and diligence to inspire more and more female students to strive for success.

This year we successfully conducted ACM-W India Celebration of Women in Computing (AICWiC) 2016 which was a massive success. We organized several enthralling events and activities exclusively for women which received tremendous participation from women all across India

UPES ACM-W
Chapter Activities

ACM-W strives to create leadership opportunities for women in the field of STEM. UPES ACM-W focuses on constructing a social geometry where all men and women have equal opportunities and work together in harmony.

The team's hard work paid off when the chapter was elected to host the **ACM-W India Celebration of Women in Computing** (AICWiC'16) in October. The annual conference brought an exclusive spotlight for all aspiring women to brand their savvy, and celebrate their prowess in the computing arena through:

Work-in-Progress (WIP) Paper/Poster Presentation - Opportunity for budding female researchers to exhibit their work before the industry and academic experts.

LADY ADA National level Programming Contest - Multi round programming contest witnessed participation of 600+ women coders from varied verticals.

Distinguished Speaker Program - Insightful keynote by Dr. Margaret Burnett, Professor at School of Electrical Engineering and Computer Science, Oregon State University, on "Research Experiences for Undergraduates: Best Practices".

ACM-WI/iSIGSE Women Faculty Summit - Interactive session on 'Handling the career breaks gracefully' between leading women in the industry, academia, and research.

'IAmPower – Women in STEM' IIT Bombay Python Workshop - A hands-on learning session on Python for women, delivered by the Python Society of India.

Online Photo Contest - A platform for all the women that encouraged them to share their passion for STEM studies through a photograph.

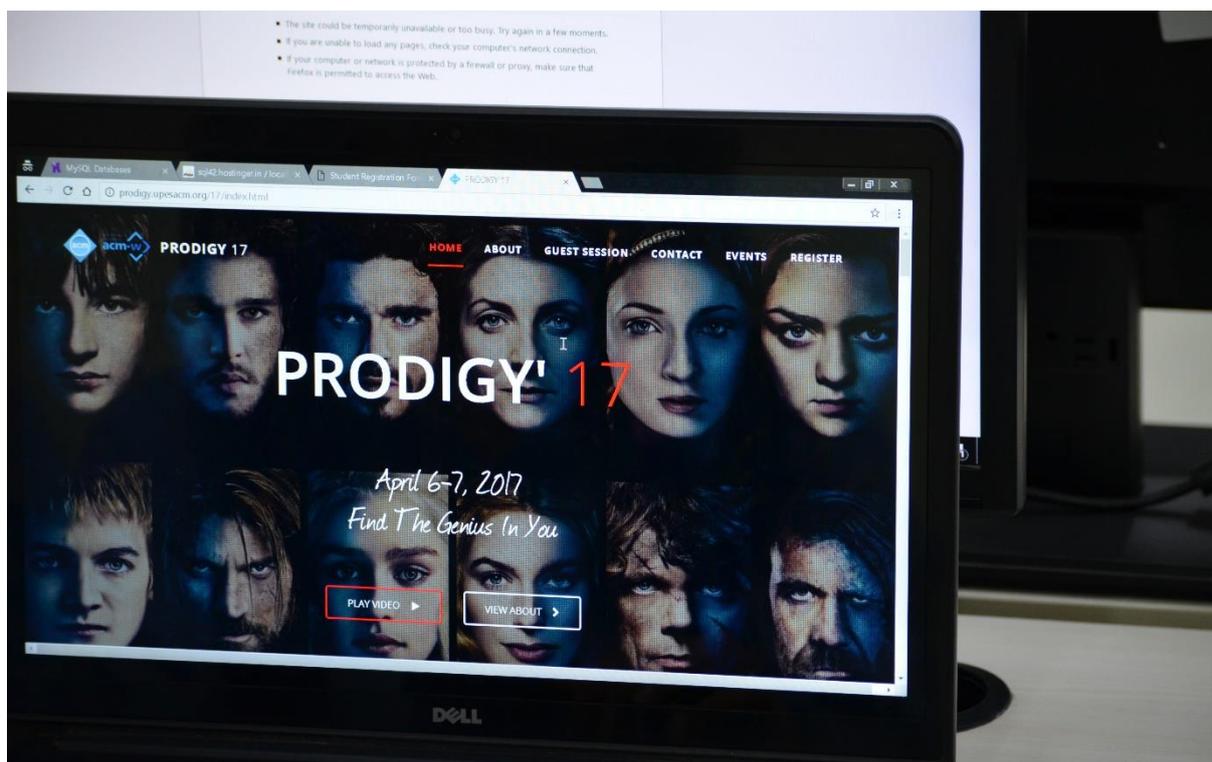Other significant ventures of the chapter include:

Hour of Code (December'16): UPES ACM-W contributed to the global movement by conducting classes at Brightlands School, Dehradun. 200+ middle school students were taught computer basics and programming in C, by the team.

The Time Is Write 2.0 (December-January'17) - The second edition of this national level writing contest, with the topic 'Your Dream Software: Revolutionize the Future' was held in collaboration with ACM XRDS. The winning submission by Dipika Rajesh, from Chennai, was published in XRDS: Crossroads International Students Magazine.

Ignite (February'17) - The chapter presented its share of innovation during University of Petroleum and Energy Studies' Annual Techno-Legal-Management Fest - Ignite, with 2 brilliant events–
- **Technosters**: Blend of aptitude, coding, and treasure hunt.
- **Hackathon:** 3-day long championship wherein teams created an innovative application based on a given theme.

Prodigy (April'17) - The chapter also successfully hosted its Annual Technical Fest (themed at 'Game of Thrones'), in April, with 400+ participants registered in 10 events in the domains of computing and technology including programming, hacking, encryption/decryption, web development, entrepreneurship, and gaming. The highlight was the Eminent Speaker Program (ESP) talk by Dr. Neeran Karnik, Co-founder of ESPN Cricinfo.

Teaching Sessions: Interactive sessions on web & app development, and graphic designing, and a lecture series, 'SPY-C', based on C programming, were conducted for students who are new to the domain and the technologies.

The office bearers of UPES ACM-W also represented the chapter at ACM India's **COMPUTE 2017**, and the **Grace Hopper Celebration of Women in Computing India 2017**.

With the integrity to honour, follow and set international standards, UPES ACM-W Student Chapter always endeavours to follow its motto: "A journey set to make histories!"