

ASCII NEWSLETTER

ASSOCIATION OF STUDENTS OF COMPUTER SCIENCE FOR
INFORMATION INTERCHANGE



BEYOND BITS
ASCII

WELCOME!!

The ASCII Club is launching the second issue of the academic year **2k17-18**. Our aim is to make this newsletter a platform for all Computer Sciences students to share on, be it news, a story, a poem or even a joke! We look forward to your contributions over the many editions to come!

WHAT'S INSIDE THIS ISSUE:

Animate

Gaming Competition

Achievements

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

To be acclaimed internationally for excellence in teaching and research in Computer Science & Engineering, and in fostering a culture of creativity and innovation to responsibly harness state-of-the-art technologies for societal needs.

MISSION

Mission 1: To assist students in developing a strong foundation in Computer Science and Engineering by providing analytical, computational thinking and problem solving skills.

Mission 2: To inculcate entrepreneurial skills to develop solutions and products for interdisciplinary problems by cultivating curiosity, team spirit and spirit of innovation.

Mission 3: To provide opportunities for students to acquire knowledge of state-of-the-art in Computer Science and Engineering through industry internships, collaborative projects, and global exchange programmes with Institutions of international repute.

Mission 4: To develop life-long learning, ethics, moral values and spirit of service so as to contribute to the society through technology.

Mission 5: To be a premier research-intensive department by providing a stimulating environment for knowledge discovery and creation.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

The Computer Science & Engineering Program graduates will

PEO1: Strive on a global platform to pursue their professional career in Computer Science and Engineering.

PEO2: Contribute to product development as entrepreneurs in inter disciplinary fields of engineering and technology.

PEO3: Demonstrate high regard for professionalism, integrity and respect values in diverse culture, and have a concern for society and environment.

PROGRAMME OUTCOMES (PO'S) AND PROGRAMME SPECIFIC OUTCOMES(PSO'S)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design and development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to Assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PSO1: Adopt Standard Practices: Ability to design and engineer, innovative, optimal and elegant computing solutions to interdisciplinary problems using standard practices, tools and technologies.

PSO2: Research and Innovation: Ability to learn emerging computing paradigms for research and innovation

ANIMATE

Computer Graphics Workshop

The event was conducted as a 2-day workshop by ASCII in association with the student chapters of ACM and CSI for the demonstration of creating an Android app with the help of Android Studio.

The event took place on the 30th and the 31st of August ,2017. Around 60 students took part in the workshop under the guidance of Datta. The first day started off with an introduction about the requirement of Android in the present times and the various versions of Android including the latest version OREO.

Then the students were shown demonstrations about the use of XML and JAVA code and were asked to design a template and code it as the app for a calculator- a simple exercise to help them adapt to the new environment. The design phase and construction phase were also explained.

The overall product of the first day was a calculator app with both XML and JAVA codes. The students were also provided with a certain degree of familiarity with Android Studio such that they can begin designing their own apps.





GAMING COMPETITIONS

The gaming competition organized and conducted by ASCII was a two day event held on the 20th and 21st of December and received tremendous participation from all departments and branches. There were two games in which players contested. Call of Duty 4 saw over 30 teams which consisted of about 150 participants. The other game was Dota.

By the end of the first day the crowd reduced to a group of very skilled gamers gearing up for the semi-finals and finals to take place on Day 2. Day 2 witnessed tactical gameplays of different levels. Every team played their moves with care. The competition not only saw participants but also hosted quite a large audience. The finals for Call of Duty was between team M.A.R.C.O.S and team G2 while the finals for Dota was between TeamVS and AFK gaming.

The finals consisted of three matches. The audience were on the edge of their seats as the matches went neck to neck. The crowd went into sheer excitement as team G2 emerged victorious in Call of Duty, after a great comeback. The winner for Dota on the other hand was team AFK gaming.



congratulations!

Winners of Call of Duty:

Team G2

K. M. Goutham

S. Vignesh

S. Mukund

Bhupendher Srinivas

Salman Khizar



Winners of Dota:

Team AFK Gaming

Vivek Sree Kumar

Akash

Pavithran

Babu

Gautham

Photos by Ashwin A (CSE-B, 3rd year)



ACHIEVEMENTS

Devika K

Received Student Scholarship at Grace Hopper
Celebration for Outstanding Performance in Prelims round
of IoT Challenge - 16th and 17th November ,2017
Bangalore

Radhika K

Received Student Scholarship at Grace Hopper
Celebration - 16th and 17th November ,2017 Bangalore

Akash Ravi,Mr Kailasanath, Dhruvpriyan G.M

Qualified the 2017 ACM ICPC Programming Contest -
Kharagpur Online Round

Thanga Manickam M

3rd prize - KKCA 2nd All India FIDE Rated Below 1600
Chess Tournament



BEHIND THE SCENES

The Team

ASCII Chair- Alampalli Ramu Nikhil

ASCII Vice-Chair- Prithvi Paresh Shah

Chief Editor- Shradhaa Janakiraman

Keerthana G S

Snigdha P

Varunsiddharth N

Acknowledgments

Dr. Venkatraman D

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Eric Joseph

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SIGNING OFF!!!!

