

NEWS LETTER

Volume 3

Issue 4



STTP On Machine Learning & LaTeX



The Department of Computer Science and Engineering organized a STTP on Machine Learning and LaTeX from 17th Oct to 20th Oct 2015. Machine learning is a subfield of Computer Science that evolved from the study of pattern recognition and computational learning theory in Artificial Intelligence. LaTeX is a word processor and a document markup language. It is used in communication and publication of scientific documents in many fields.

Resource person for Machine Learning session was Mr Visakh R, Research Scholar, CSED, NIT Calicut. Mr Lallu A, Asst. Professor in CSE, MIT Anjarakandy was the resource person for LaTeX. The workshop was a fruitful one and had participants from other colleges like Government Engineering College, Kannur and MIT Anjarakkandy.



THEY MADE US PROUD

As the saying goes "WHERE THERE IS A WILL, THERE IS A WAY", four of our S7 CSE students, **Mr. Amal George Thomas, Mr. Abin Thomas, Mr. Dino Baby and Mr. Adarsh H**, had made the proverb true by proving their calibre in TCS CodeVita 2015. They were ranked in top 1000 teams from all over India. They were called for direct interview and among them, we are truly proud of **Mr. Amal** and **Mr. Abin** for getting the offer letters from TCS. CONGRATULATIONS DEAR STUDENTS...



Mr. Abin Thomas



Mr. Amal George

VIMAL JYOTHI
Engineering College

Department of
Computer science
and Engineering

Bi-monthly News Letter
October, 2015

VISION

To Create A Vibrant Environment That Fosters Critical Thinking Dynamism, And Innovation to Transform Students Globally Competitive IT Professionals.

MISSION

To Achieve Our Goals Through Distinctive Approach To Curriculum, Technology Driven Research And Rigorous Academic Study Imbued With The Excitement Of Discovery.

Page	Article
2	Blooming Star
2	English-The Global Language
2	Infosys Campus Connect
3	Achievements over the Sea
4	Student corner

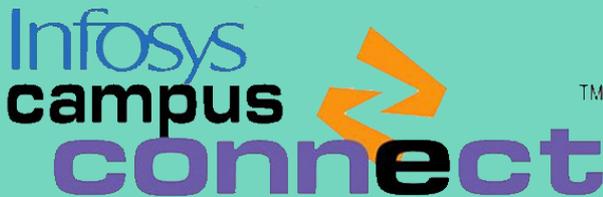
ENGLISH ~ THE GLOBAL LANGUAGE

Engineering studies is not about merely becoming technically sound, but it is also a platform to communicate properly our ideas to the world through a global language called English. To quote from the words of a poet, Malayalam is the mother of one's language, but English is his father. The importance of English language is beyond our words to describe. Large number of students who are technically good, fails to survive just because of lack of English proficiency. One of the major problem of unemployment is due to lack of communication skill. So by understanding its importance an English proficiency test called ITEP was conducted to motivate and develop the English proficiency of students by the college administration. Computer Science students had also participated to test their language proficiency.



INFOSYS CAMPUS CONNECT 2015 – A Bridge towards IT Industry

Department of CSE has successfully concluded the program was run for CSE and ECE students. 58 students had successfully completed the program. Let me take this opportunity to extend my gratitude towards my faculty who had cooperated for running the program. I would also like to thank our Principal, Dr. Benny Joseph, Management and Electronics Department for giving the necessary support. Let us hope that we would have more students attracted towards IT industry in the future.



the second batch of Infosys Campus Connect program in the month of August 2015. This time

PEO's of Department

- I. Graduates will achieve broad and in-depth knowledge of Computer Science and Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
- II. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.
- III. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Computer Science, but also that are important to society.
- IV. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.

BLOOMING STAR

Caliber and potential of a student cannot be kept hidden and Ms. Rosemary Sebastian, S7 CSE student is one best example for that. Her Mini Project was recognized and appreciated by Mr. Markus Mohrhard, LibreOffice hacker. Dept. of CSE wholeheartedly congratulates Ms. Rose Mary for her achievement.

Project : Enabling VBA Export in LibreOffice

Currently changes made to the VBA macros in Libre Office can't be saved back to the OOXML format. Her work involved writing an initial export for VBA macros along with some tests. The code has been merged to master. Contd. In Last Page...



Ms Rose Mary Sebastian

Achievements Overseas

This year two of our students, Mr. Amal George and Mr. Ashwin Raj, got a chance to participate in two international level IEEE summits.

The annual meeting of IEEE Industry Applications Society for the year 2015 was held at Dallas, Texas. Vimal Jyothi Engineering College had won prize for the Chapter Web Contest. Mr. Amal Thomas (S7CSE), four S7 EEE students along with Mr. Nikhil Valsan, AP, EEE represented the college at the annual meeting held at Inter-Continental Dallas from Oct 17 - Oct 22 and received the award from the IAS CMD Chair, Péter Magyar.

The Region 10 Asia Pacific IEEE SYW (student Young professional

Women) Congress '15 was held at Colombo, Srilanka. Mr. Ashwin Raj represented the student members of Malabar. The event was focused on bringing selected students over the Asia Pacific region to network and collaborate on the new technologies that can lead to the betterment of Humanity and to supply the essential support for the completion of the same.

Dept. of Computer Science & Engineering wholeheartedly congratulates Mr Amal George and Mr Ashwin for their achievement.



Mr. Amal George Thomas



Mr. Ashwin Raj P

Infotainment Galore

S5 CSE started their industrial Visit on 1st Oct 2015. Their first destination was Bsoft Education Pvt. Ltd, Bangalore. There, the students and staff attended an educational session on Computer Networking. They also visited Lal Bagh Botanical Gardens. Later that day, they visited the Visvesvaraya Industrial and Technological Museum and got an insight into the historical aspects of the modern technology. Their last stop for the informative and fun filled day was at the Snow World.

Second day started with a trip to the water theme park, Wonder-La. On the third day their first destination was the Tibetan Golden Temple. Their adventurous cravings were fulfilled by the water rafting session at Nisargadhama Forest, Coorg. The group had come back with lots of good memories and experiences to last for a lifetime.





ANDROID MARSHMALLOW

The latest Android version, Marshmallow will primarily focus on improving the overall user experience, and will bring a few features such as a redesigned permission model in which applications are no longer automatically granted all of their specified permissions at installation time, Doze power scheme for extended battery life when a device is not manipulated by the user, and native support for fingerprint recognition. A Google Developers blog post revealed the Android 6.0 name along with some more information on upcoming Android 6.0 Marshmallow features. The two most significant changes are user-facing app permission controls – what most are calling granular app permissions – and the change to API level 23, which introduces stock fingerprint scanner support for Android 6.0 security.

Marshmallow also has a new power management scheme named Doze that reduces the level of background application activity when a device's motion sensors determine that it is not being actively handled by its user, which, according to Google, doubles the device's battery life. It also introduces an option for resetting all network settings, available for the first time on Android, which clears network-related settings for Wi-Fi, Bluetooth and cellular connection. Android Marshmallow provides native support for fingerprint recognition on supported devices via a standard API, allowing third-party applications to implement fingerprint-based authentication. Fingerprints can be used for unlocking devices and authenticating Play Store and Android Pay purchases. Android Marshmallow supports USB Type-C, including the ability to instruct devices to charge another device over USB. Marshmallow also introduces "verified links" that can be configured to open directly in their specified application without further user prompts.



Ref : https://en.wikipedia.org/wiki/Android_Marshmallow

FROM PAGE 2, blooming star: In the next release, it will be possible to save the modifications made to VBA macros. They have

also made sure that MS Excel accepts these modified files. Some of the features that are not yet completely supported include protected macros and active X controls.



PO's of Department

- a) An ability to apply knowledge of mathematics, science, and engineering.
- b) An ability to design and conduct experiments, as well as to analyze and interpret data.
- c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- d) An ability to function on multidisciplinary teams.
- e) an ability to identify, formulate, and solve engineering problems,
- f) An understanding of professional and ethical responsibility.
- g) An ability to communicate effectively.
- h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- i) Recognition of the need for, and an ability to engage in life-long learning.
- j) Knowledge of contemporary issues.
- k) An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

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