

CU_CSE_2017_18_EVENT_ASCII INAUGURATION_JULY 15_v1

FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INAUGURATION OF ASCII AND CSI

Date:15.07.2017

Time:9.30 am

Venue: III Block Auditorium

Speaker/s:

Name: Mr. Madhavan Satagopan

Organization and Place: Altimetric, Bengaluru

Target Audience: 3rd, 5th and 7th semester Students.

Faculty Members:

1. Dr.Balachandran K
2. Dr.AVN. Krishna
3. Dr.Ganesh Kumar R
4. Dr.Manohar
5. Ms. Gokulapriya.R
6. Mr. Naveen J
7. Mr. Bijeesh TV
8. Mr. Vinai George Biju
9. Mr. Sathish PK
10. Ms. Sumitha VS
11. Ms. Divyashree
12. Ms. Jyothi Thomas
13. Mr. Mithun BN

CU_CSE_2017_18_EVENT_ASCII INUAGURATION_JULY 15_v1

OBJECTIVE: Create an Awareness an Conducting Various Activities under Department Associations

POSSIBLE LEARNING OUTCOMES: Finding Students Interest Domains and Showcase Possible Avenues to Express Their Knowledge.

SESSION 1:

Intro about Speaker: Madhavan Satagopan is Altimetrik's Chief Technology Officer, responsible for the company's technology and business strategy alongside spearheading its research & innovation initiatives. He has been a key strategist and advisor in the business transformation space, bringing together a blend of business, solutions, architecture and technology. In his 23+ years career with leading organizations such as Wipro, Covansys, Lehman Brothers and more, Madhavan has established specialist groups grounds-up comprising of Researchers, Innovators, Solution Incubators, Advisors, Architects and Subject-Matter-Experts. He has also established a global eco-system of product partners, customers and academic institutions, and has led efforts contributing to patentable techniques, citations / publications in research & technology journals.

Being an ardent evangelist of technology's ability to transform businesses and touch lives, Madhavan is on the Engineering Research & Development (ER&D) council & Regional Council of NASSCOM, responsible for adoption & acceleration of innovation in India including a number of themes like Industry 4.0, Smart Agriculture, Smart Energy and Connected Healthcare. An alumnus of BITS Pilani and speaker at several global technology and business events, Madhavan has authored several thought pieces in leading publications. Cognitive sciences and primary research are among his core areas of interest.

CU_CSE_2017_18_EVENT_ASCII INUAGURATION_JULY 15_v1

Write up: Computer Science and Information Technology as a branch of Engineering has come a long way since its inception, and with its development, we've also seen a drastic improvement in the quality of the modern life. The department of Computer Science and Engineering and Information Technology, Christ University hosted the inauguration of ASCII (Association of Computer Science and Information Technology with Innovation) and CSI (Computer Society of India) on 15th July, 2017. ASCII and CSI are departmental organizations where students from Computer Science and Information Technology departments come together to take part in the various events that are organised. In the year 2016-2017, ASCII conducted major peer 2 peer workshops on digital designing, virtualization and android app development. ASCII also organised FOOBAR 1.0, a departmental fest in which more than 15 events were organised and amazing cash prizes were awarded to the winners. For an event which happened for the first time, foo bar (**or FOOBAR?**) was a great success. CSI conducted lot of National conferences like NCCOCE'17, conference on digital India and net neutrality etc. Both the organizations were very successful in conducting enormous number of workshops, events and conferences with participants from all across Bangalore.

In the ceremony, the agenda for both the organizations for the upcoming year 2017-2018 was discussed. The inauguration commenced with the inaugural dance which was followed by the lightning of lamp. Then there was a very inspirational speech by our respected Dean, Dr Iven Jose which followed the speech by Dr Fr Benny Thomas. After this, Asst Prof Naveen J, Dept. CSE was called upon to the stage to give us a report on the events carried out by ASCII and CSI in the past year.

The chief guest, Mr Madhavan Satagopan, gave a talk after this. He took a session on bridging humans and machines. He said, "The biggest challenge of our times is to make machine learning available to everyone,". It can be a powerful tool that can help anyone perform their job better and more efficiently. "People worry about automation taking over their jobs, but humans and robots have strengths and weaknesses that can be harnessed," He said. "Humans have gut feelings and experience while robots provide information. We need

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to find a way to collaborate, so robots can help humans make better decisions in medical diagnoses, political decisions, prison sentencing, and many other areas of public life.” We’re at an important point in human history where governments and social structures need to adapt to this rapid change in technology. Then people can transition from jobs or change tasks within a job far easier and we can learn how to leverage the powers of robots. . Artificial Intelligence is a relatively new concept and something that still needs to undergo magnitudes of development before it reaches the science fiction whoop & flash that we have come to know in films. We have been designing computers and machines for our own humanly benefit for decades. He said it is artificial intelligence everywhere, just everywhere. Yes, you read that correctly. Traditionally from being an application specific to robots, machine-human level interaction and others, Artificial Intelligence has conquered these areas and emerged to be applied in all sectors and domains. Ranging from finance to education, from agriculture to governance; Artificial Intelligence is applied everywhere, in each sector of the country/globe and emerged as one of the most establishing and trending domain in the field of Information Technology/Computer Science. He also discussed the advantages and disadvantages of artificial intelligence which are listed below:

Advantages:

1. Machines never get tired. 100% output generated.
2. Less Reliable at times (not in all cases) as knowledge extraction requires in depth expertise of the field and proper resources.
3. The accuracy by which the output is produced is much higher than that by humans.
4. Infinite number of resources can be integrated in to one single system. (This makes the system more reliable and efficient).
5. Faster than humans in processing (if reasoning is fed to machines).
6. No emotional attachment with machines. (There won’t be a case that a machine will feel bad, if you say something to it).
7. No time boundaries. The machine works with same efficiency and accuracy throughout 24x7 and 365 days.

CU_CSE_2017_18_EVENT_ASCII INUAGURATION_JULY 15_v1

Disadvantages:

1. Initial setup cost.
2. Few systems based purely on human reasoning and cognition.
3. If machines took over humans, it would be destructive.
4. Serving the cognition of a human (The human Brain) to the machine for reasoning and logical purposes is difficult.
5. People are less versed with this field and hence not in to practice on a large scale.

After this enlightening speech by our esteemed chief guest, a small gratitude was presented to him. And then the chief guest awarded the students with the certificates of their achievement in the past years for showcasing chivalry, endeavour and innovation in the art of learning. This was followed by vote of thanks given by the student president Mr. Edilbert of ASCII and this brought us to the end of the ceremony. Overall, this inaugural ceremony was very successful and we all got to learn a lot and the sessions by our chief guest and dean gave us the motivation to work hard and achieve our goal.



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Photographs



Inauguration of ASCII by Guest (Left to Right Mr. Madavan, Dr. Balachandran (HOD-CSE), Ms. Gokulapriya)



Chief Guest delivering talk about Machine Learning



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SWO Volunteers

Head of the Department