



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

# NEWSLETTER



Dear All,

It gives me immense pleasure that the newsletter for the quarter (November 2018-January 2019) has been released. I would like to congratulate my students and faculty members for adding one more feather in the Department's cap by bringing out the newsletter for this academic quarter. This newsletter is a small step, but the step in the right direction and such endeavors will help us reach the top. As you read through the pages you will realize, that the Department had an extremely successful semester. I would like to thank all my faculty members for their tireless efforts to help the department progress at a very steady pace. Efforts of the editorial board are highly commendable. This newsletter encloses and describes the achievements of the students and faculty members from the CSE department in curricular, co-curricular and extra-curricular activities and the events organized by Department of Computer Science and Engineering

**Dr. B. Rajalakshmi**

HOD-CSE

Dear Reader,

First of all, I would like to congratulate the department of CSE for the publication of this quarterly newsletter. I am sure this newsletter will act as a consolidated information resource for all the events that have been organized by the CSE department in the past three months. In addition to curricular activities, NHCE prides itself in encouraging co-curricular and extra-curricular activities, and I am sure that this newsletter will encourage students to be more involved in such activities. My best wishes to the CSE Department.

**Dr. Prashanth CSR**

Dean Academics.

Dear All,

Technology has been growing so exponentially over recent years, there has been a steady increase in demand for bright graduates to come in and help to transform areas ranging from data infrastructure to cyber security. It is important to stay up to date with the latest trends in computer science research, to make an informed choice about where to head next. I am happy to note that Department of Computer Science and Engineering is bringing out a newsletter. I am sure that this newsletter will bring value for all the students and readers who are interested in the area of Computer Science in form of latest developments made in technology. I wish, the department all the best for the publication of the Newsletter and in all their future endeavours.

**Dr. Manjunatha**

Principal

# MINI PROJECT COMPETITION

The department of CSE organized a "Best Mini-Project Competition" on 9/11/2018. Two Experts from industry were invited to judge the competition. Overall, 36 students participated in the competition from 7th, 5th and 3rd semester. Projects were judged on the basis of the understanding of the concepts, innovation and authenticity of the project and student's presentation skills.

## Jury Details:

1. Mr. Ram Kumar , Senior Technology Specialist, Wells Fargo Solutions India Pvt. Ltd, Bangalore
2. Mr. Muralitharan, Technical Lead, Emids Technologies Pvt.Ltd, Bangalore

Semester	Participated	Winners
7th	3	3
5th	16	7
3rd	17	8



# INDUSTRIAL VISIT TO DATA-CENTER

The department of CSE organized an "Industrial Visit" for our (2014-2018) batch 7th semester CSE students to Data Center at Jetking, Sadashivnagar-Bangalore on 18/1//2018. They had 3 hours of briefing session on the Data-Center & Networking operations by Ms. Sunitha, senior trainer of Jetking. All students were demonstrated working of Data-Center & Networking operations. This briefing session was followed by an assessment. Students were very fortunate & happy to take an assessment by the end of the session.



# PARENT TEACHER MEETING

The department of CSE organized "Parent-Teacher Meet" on 24/11/2018 that served as a connection platform for parents, teachers and the students, where teacher and parents come together to enrich the student's educational experiences and discussed variety of issues, regarding all round development of students. The meeting has been organized in such a way that parents have a chance of one-to-one interaction with the teachers before the Semester End Exams. It aimed at bridging the gap between parents, students and teachers, keeping parents informed about their ward's performance and progress, discussed the causes behind the student behavior and performance. This enabled the parents to know about the weaknesses of their ward, so that they make him/her work towards improvement in the courses required. This meeting provided a platform where the parents and teachers also got to know about each individual personally, so that they can plan accordingly for better results and behavior of the students. Overall, it was a platform for sharing the suggestions that helps in improving the student's progress.



# FDP ON MACHINE LEARNING & ARTIFICIAL INTELLIGENCE FUNDAMENTALS

The department of CSE organized FDP on Machine Learning and Artificial Intelligence Fundamentals on 7/12/2018 for faculties of CSE, ISE, MCA, ME, ECE department. The audience got an insight on the overall flow in the field of Data Science. Some of the key points of the session were 'How Machine – Learning plays an important role in different stages of analytics, Machine Learning Algorithms – Mathematical Space representation, Machine Learning Categories, Linear Regression and SVM Model – Overview, Python for Machine Learning – Key Packages'. Also, practical session was conducted on Python Jupyter by applying Logistic Regression, SVM and Linear Regression on various sample data sets.



# VTU SPONSORED FIVE DAYS FACULTY DEVELOPMENT PROGRAMME ON BIG DATA ANALYTICS

With fast growing field of big data analytics gained maximum market presence, we the Department of Computer Science & Engineering, were proud to host VTU sponsored five days Faculty Development Programme on Big Data Analytics from 21st Jan to 25th Jan 2019, in association with CSI.

The FDP programme received a lot of responses with overall 30 participants from various engineering colleges in and around Karnataka.

Dr. Suresh, Director, CIT, Gubbi, Executive Council Member, VTU, Chairman IE, Tumkur, Local Center was the Chief Guest for the inaugural function. He shared his valuable thought about the technologies of the decade and how big data is influencing the business market.

Day 1: Session started with Mr. Kumar Saurabh, Senior Data Scientist, Mind Tree, Bangalore and Mr. Nimish Kumar, Team Lead, Walmart Labs. The resource persons focused on the machine learning concepts.

Day 2: Session started with resource person Mr. Prabakar Reddy, Big Data Engineer, Amazon Web Service, Bangalore. The resource person shared his knowledge about data warehousing, OLAP, OLTP concepts followed by hands-on session on AWS Clue, Amazon Athena.

Day 3: Forenoon session was with the resource person Dr. Kamatchi Priya, Associate Professor, Department of Computer Science and Engineering. She shared her knowledge about Support Vector Machines followed by hands on session with R tool.

Day 3: Afternoon session started with an introduction of the resource person Mr. Kalyan Chembeti, Principal Big Data, Specialist Analytics, Happiestminds, Bangalore . The participants were introduced with the various Hadoop tools like Hbase, Spark, and Hive.

Day 4: Morning session started with an introduction of the resource person Mr. Chandrsekhar, Senior Software Engineer, Impetus Infotech, Bangalore. The participants were introduced with HDFS architecture and Mapreduce. Later the session was taken over by Ms Jisha, Assistant Professor, Department of Computer Science and Engineering. Participants experienced hands-on Map reduce concepts.

Day 4: Afternoon session with an introduction of the resource person Mr. Sachin ,Sr. Principal - AI Technology, Bangalore. The participants were introduced with Text mining techniques with case studies on web and social network analysis.

Day 5: Morning session was handled by Ms. Jisha, Assistant Professor, Department of Computer Science and Engineering had provided hands training on various Hadoop tools like Hbase, Spark, Hive and Pig.



## **CHIEF EDITOR**

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