

## RASHTRIYA EKTA DIWAS



Rashtriya Ekta Diwas (National Unity Day) is observed every year across India on 31st October. The idea was initiated by honourable PM Narendra Modi in October 2014 to mark the birth anniversary of Sardar Vallabhai Patel, who had played an important role in unifying the country.

This year, on the 143rd birth anniversary of Sardar Vallabhai Patel, Prime Minister Narendra Modi unveiled the 600 foot 'Statue of Unity' in Gujarat which is also the world's tallest statue and also initiated 'Run for Unity'.

On this occasion, New Horizon College of Engineering and New Horizon College – Marathalli observed Rastriya Ekta Diwas (National Unity Day) hosted by NHCE Media Club on the 31st of October 2018.

The ceremony was held at Quadrangle, in front of the Saradar Vallabhai Patel's Block and was inaugurated by the principal of NHCE, Dr. Manjunatha. The program began with the lightning of lamp, followed by the oath taking ceremony initiated by the Principal of NHCE where all the faculty and students pledged to protect Unity and the Integrity of a Sovereign India. Followed by this, 500 students were distributed t-shirts and the ceremony ended with a 'Run for Unity' movement where the students came together and rallied from the campus till Marathalli.

The photograph of Sir Sardar Vallabhbhai Patel now resides on the block named after him, for each one of us to take pride in the invaluable gems the country produced.





## JASHN – Sharing happiness @ NHCE

**JASHN –SHARING HAPPINESS** took place on Sunday, 18th November, 2018. It was a full day carnival hosted by Bridge Builders (Youth wing of Sadhu Vaswani Mission), Volunteer for a Cause and New Horizon Institutions for about a thousand children invited from over twenty children's homes spread across Bangalore at New Horizon College of Engineering, Marathahalli, as a humble offering to Rev. Dada Jashan.P Vaswani on his centenary.





## Sap Next-Gen Conducted a 24 hour overnight hackathon @ Nhce



**S**AP Next-gen conducted a 24 hour overnight Hackathon at New Horizon College of Engineering on 30-31 Oct 2018 where the objective was to have NHCE students use SAP tools like the SAP IOT to solve real time business challenges from the Industry customers/partners. This was initiated by Mr Rahul Sachdev who heads the SAP Next-Gen Program for India which is a purpose driven innovation community supporting SAP's commitment to the 17 UN Global Goals for sustainable development, and an innovation platform for SAP's 388,000+ customers across 25 industries in 180+ countries.

The problem statement was thrown open to students on 30th Oct 2018 and they were mentored by SAP experts for few hours and subsequently in a span of 24 hours they came with real time solutions. There were 30 students divided into groups of 3 each and to judge them we had experts from SAP, Quest Global and Cambium Networks. The winners and runners up were duly recognized and awarded by Mr Rahul Sachdev.

## CIVIL Dept. Industrial Visit

The department of Civil Engineering had organized Water treatment plant visit for the students of 7th semester. This treatment plant is located in Thoraikadanahalli and is the biggest treatment plant supplying water to Bangalore. It is a 550 MLD treatment plant with aeration, coagulation, Air Floatation, filtration and pre and post chlorination processes. Students were able to see all the active processes and understood the concepts well. Students were accompanied by faculty members Prof. Jagadeesh C B and Dr. Geetha Varma V.



## Kannada Rajyothsava @ NHCE



**T**he Rajyotsava Day is the state festival of Karnataka and is observed on November 1st every year. The day is celebrated to commemorate the birthday of Karnataka as the state was formed on this day. The Rajyotsava day is celebrated with great joy and vigor all over the state of Karnataka. The state government asserts Rajyotsava awards on this day, which are awarded to people responsible for great contributions in the development of Karnataka.

In New Horizon College of Engineering, NSS club organized the Kannada rajyotsava celebration event on November 3rd, 2018. Event commenced with Flag hoisting by Honourable Chairman Dr. Mohan Manghnani, Guest of the day Mr. RJ Rohit, Dr. Manjunatha, Principal-NHCE, Dr. Bodhi Satvan, Principal-NHCM, Registrar and other dignitaries. Kannada debate and essay writing competition was conducted to the students and prizes were distributed for the winners. Cultural events like dance, songs and dramas were performed by NHCE students, followed by Kannada DJ which made the event even more grand celebration and all the students have enjoyed the best. It was a day worth remembering to all students. Irrespective of the language all the students took active participation to make the event grand success.



## MCA Dept. Industrial Visit

The students of 1st Semester MCA, B section visited the "Kirloskar Toyota" facility in Bengaluru on 10-11-2018. The visit to Toyota Kirloskar organized on the 10th of November 2018. Toyota Kirloskar is Car Manufacturing Company. Our students had fruitful discussion with the Toyota Manager. Though it's not IT related Company, Students learnt what would be the positive impact on discipline and commitment. One more key observation is, company producing a car in 3 seconds because of their highly commitment and discipline. Students understood how the resources can be allocated depending on customer feedback, customer



## Guest Lecture

Guest lecture was conducted by Mr. Rajanikanth B Prabhu, Construction Engineer, STUP Consultancy. He dealt on the topic “Mechanics of fluids-Laminar and turbulent flow”. He is having experience in flow related water treatment plants. Different types of flow happening in channels were discussed with the help of presentations. The students were able to gain vast knowledge on flow and related details.



## Guest Lecture

A guest lecture on “Shear Strength of soil” from the subject Basics of Geotechnical Engineering (CIV55) was organized for 5th semester students on 15/11/2018. This seminar was conducted by Mr. Chikkanna.T, Deputy Technical Manager (NABL), SarathyGeotech& Engineering Services Pvt.Ltd., Bangalore.

Expert enlightened the students regarding the importance of study of shear strength of soils in the field of Geotechnical Engineering and the following objectives were discussed with the students:

- How to determine the shear strength of soils
- Different types of shear failures & their mechanism.
- Mohr coulomb failure theory
- Types of shear tests like UCC, Triaxial shear test, Direct shear test & Vane shear tests.
- Different drainage conditions under which the laboratory tests are conducted.
- Understands the differences between drained and undrained shear strength
- Determine the type of shear test that best simulates field conditions
- How to interpret laboratory and field test results to obtain shear strength parameters.
- Importance of Shear Strength for geotechnical engineering application
- Liquefaction of soils.



## Industrial Visit

The students of 3rd sem. MCA (Sec A& B), went on an industrial visit to the “Centre for Development of Advanced Computing”. The visit to the CDAC facility was organized on the 7th of November 2018. CDAC is a central governmental initiative that is involved in advanced computing projects mainly involving IoT(Internet of Things) and IEFT, with more emphasis on the latter. CDAC also prides itself for being the first to build India’s first super computer named “PARAM”. The presentation that was given was very interesting which threw light on an organization where researchers develop and implement internet protocols at an international level. It gave the students a hands-on experience to be able to gain knowledge directly from industry experts who put together the session which was outstanding, informative, interactive, efficient, content oriented and thoroughly had good knowledge to be shared and received by the students.



## Expert Lecture

An expert lecture on “Web technologies and Server Deployment Architecture” was conducted by the Department of Master of Computer Applications on 17th Nov 2018. Mr. Kamal Sairam, Senior Engineer, Honeywell, Bengaluru was the resource person for the lecture. The lecture was conducted for the MCA I year students. The two-hour session provided long insight towards web technology and server deployment concepts and usage of tools to design web pages with connection to the server. It gave a lot of impact to the students on several web concepts.





## Parent Teacher Meeting

The department of CSE organized “Parent-Teacher Meet” that served as a connection platform for parents, teachers and the students, where teacher and parents came together to enrich the student’s educational experiences and discussed variety of issues including 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.



## 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. They had 3 hours of briefing session on the Data-Center & Networking operations by Ms. Sunitha, senior trainer of Jetking. All students were demonstrated the working of Data-Center & Networking operations. This briefing session was followed by an assessment.



## CSE Dept. Mini Project Competition

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

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

The department of CSE organized “Best Mini-Project Competition”. 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 students presentation skills.



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### Admission Circular

#### FOR PLAYGROUP, NURSERY, LKG AND UKG FOR THE ACADEMIC YEAR 2019-20

Dear Parents, Hari Om!

Registration forms for admission for the academic year 2019-20 for PLAYGROUP, NURSERY LKG AND UKG can be downloaded from the website [www.newhorizonvidyamandir.in](http://www.newhorizonvidyamandir.in) from 16<sup>th</sup> August 2018 onwards.

Filled in registration forms are to be submitted at New Horizon Vidya Mandir only on 29<sup>th</sup> September 2018 / 1<sup>st</sup> October 2018 / 2<sup>nd</sup> October 2018. The registration fee is Rs.500/-. Parents can take a tour of the campus after the submission of registration forms. The timings are :- 9.00 am to 2.30 pm.

Please submit the filled in registration form with the following enclosed:

1. The latest passport size photograph of the child
2. Photocopy of the birth certificate
3. Copy of the Aadhar of the child

  
Principal-NHVM

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