

Republic Day @ NHCE



on January 26, 1950, completing the country's transition toward becoming an independent republic.

New Horizon College of Engineering has celebrated its 69th Republic Day on 26th January 2018 with great pride and enthusiasm. The day started off with a hearty welcome to the Principal, Registrar, Deans, and staff members and students. This was followed by hoisting the national flag, by the Principal and was followed by the National Anthem.

After this, Dr. Prashanth, Dean-Academics gave a deeply enriching and patriotic speech that greatly motivated by the students. A beautiful rendition of our national song 'Vande Mataram', rendered by a team of the NHCE Music club. Dr. Ganesh Prasad, Dean-Student Affairs addressed the gathering.

Republic Day honors the date on which the Constitution of India came into effect on 26 January 1950 replacing the Government of India Act as the governing document of India. It is a day to remember when India's constitution came into force

The vote of thanks was given by Mr. Christo, Student of Civil Engineering and sweets were distributed among the staff members and students, upon conclusion of the ceremony.

SMART INDIA HACKATHON 2018 – Workshop



Our Hon'ble Prime Minister, Shri Narendra Modi, envisages a Digital India to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach in India. In order to work towards our PM's vision, MHRD, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems organized Smart India Hackathon 2017, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country. The initiative was a huge success. To reiterate the efforts towards our PM's vision, MHRD, AICTE, i4C, and Persistent Systems is proud to propose the 2nd edition of this initiative – Smart India Hackathon 2018. This will have 2 sub-

editions – Software as well as Hardware.

Smart India Hackathon 2018 is a non-stop digital product development competition, where problems are posed to technology students for innovative solutions. To promote this, All India Council for Technical Education, SWRO Bengaluru organized one day workshop for all the engineering colleges across Karnataka on 11th January 2018 at New Horizon College of Engineering.

The program started with Invocation by NHCE students followed by lighting the Lamp. Dr. Ramesh Unnikrishnan, Director, SWRO AICTE Bengaluru welcomed all the dignitaries and participants. The Presidential address given by Dr. T. G. Sitharam, Chairman, SWRO. He has mentioned the importance of SMART INDIA HACKATHON 2018 and its significance. He has motivated the students to come up with new ideas with regard to the water crisis, technology, waste conservation, etc.,. The vote of thanks given by Dr. Manjunatha, Principal, New Horizon College of Engineering.

The second session started with the presentation on Smart India Hackathon 2018 by Dr. Siddalingaswamy, Directors, E-Governance AICTE and Mr. Pratap, who is facilitated of SMART INDIA HACKATHON 2018. They gave complete details about how to apply, software and Hardware, criteria, screening, etc.,. After that, there was a question and answer session took place where many students and teachers have cleared their doubts.

There were 668 students were registered for this event across Karnataka. It was a huge success and AICTE, SWRO was appreciated the host college for the facilities extended to organize this event. The event was ended with the National Anthem. The Lunch was provided to all the participants.



Tech Cognizance



The New Horizon college of engineering collaborated with IIT Roorkee to conduct the 2nd largest technical Fest of Asia, Cognizance, Zonal round on the 29th and 30th of January, 2018. The event received huge participation from the students of the New Horizon college of engineering as well as various colleges across the city.

The Tech Fest had a total of 3 competitions and 1 workshop. The day got off to a great start with the event “Quizzotica” a tech-based quiz event which received participation in huge numbers, The event was held at the MBA seminar hall and went to the wire with 5 teams qualifying for the next round of the event which will be held at IIT Roorkee. The next event on the day was “Mindsweeper” an online coding competition testing the knowledge of the best brains on the campus. The final event of the day was the “Teach Case Study” a case study competition where case studies from a range of different fields of management to it were presented. The winners from both these competitions qualified to the next round of the event, i. e. on 23-25 March 2018 at IIT Roorkee.

The event which saw the largest participation with was a 2-day workshop that was conducted by Mr. Adarsh on Android app development. Over 200 participants took part in the event and learnt the know how of android app development. With the sincere efforts put in by the volunteers and organizers, Cognizance came to a successful end on the 30th of January, 2018



A Report on Celebration of Birth Anniversary of Swami Vivekananda



Swami Vivekananda was the great Awakener of the Soul of India in Modern Times, whose magnificent personality and electrifying words infused faith and courage, love and sympathy, service and sacrifice in the hearts of millions of people. To mark Swami Vivekananda birth anniversary on 12th January, New Horizon College of Engineering organized Guest talk on Swami Vivekananda.

The program started with Swami Vivekananda quote “ Arise! Awake, and stop not until the goal is reached” and the Principal welcomed the Guest Speaker of day Dr. M N Krishnamurthy, Retired IPS with the sapling and Vivekananda book. All the dignitaries and students paid their tribute to Swami Vivekananda by showering the flowers.

Dr. Krishnamurthy enlightened our students by giving brief life journey of Swami Vivekananda and his patriotism towards his motherland. He also mentioned Swami Vivekananda’s famous quotes at the end.

The Principal thanked Dr. Krishnamurthy by presenting a memento as a token of appreciation.

The program was ended with the National Anthem.

BITSMUN

New Horizon College of Engineering MUN team participated in BITSMUN 2018 at BITS Pilani, Goa. We competed against more than 300 delegates, both Internationally and across the country. To give a gist, it was an intense three day debate on International affairs the ranged on topics like Atomic Energy, Prevention of Nuclear accidents, Refugee crisis in Rohingya minorities and issues pertaining to the tension in Syria and Middle Eastern Nations.

Amidst all of this NHCE team bagged 6 awards.

Ms. Sania – Best Delegate(UNHRC)

Mr. Zaid – Best Delegate(UNGA DISEC)

Mr. Joseph – Special Mention(UNGA DISEC)

Ms. Bhavana – Special Mention(International Atomic Energy Agency)

Ms. Anushma – Honourable Mention (International Atomic Energy Agency)

Mr. Varun Makhija – Verbal Mention (UNGA DISEC)

On behalf of management, Principal, and all the staff members wish Hearty Congratulations to all the students!!!!!!!

Birthday of Subhas Chandra Bose



NHCE celebrated the birthday of Subhas Chandra Bose ON 23rd January 2018 to pay homage to the Indian Nationalist whose defiant patriotism made him a hero in India. The event preceded with a pooja followed by Sweet distribution. The event was attended by Dr. Prashanth CSR, Dean-Academics, Dr. Mani Laxsman, HOD-ECE, , Dr. Ilango, HOD-MCA, Dr. Anitha S Rai, Head-Library and Information Center, and the Students of NHCE.

Jobs for Engineers - 2018

Organization	Post Name - No of Vacancies	Last Date for Apply
Railway Recruitment Boards (RRB)	Assistant Loco Pilot - 17673	31/03/2018
Tamil Nadu Public Service Commission (TNPSC)	Assistant Engineers (Civil, Electrical) - 443	26/03/2018
Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO)	Assistant Engineer (Electrical, Civil) - 325	06/03/2018
Delhi Metro Rail Corporation Limited (DMRC)	Various Managerial Posts - 136	12/03/2018
NBCC Limited	Various Managers, Senior Project Executive, Engineers - 87	25/03/2018
Madhya Pradesh Power Generating Company Limited (MPPGCL)	Assistant Engineer (General) - 50	26/03/2018
Chenab Valley Power Projects Private Limited (CVPP), Jammu	Trainee Engineers - 47	15/03/2018
ISRO Centralised Recruitment Board (ICRB)	Scientist/ Engineer 'SC' - 28	12/03/2018
Bharat Electronics Limited (BEL)	Electronics Engineers - 30	04/03/2018
RITES Limited	Various Engineers - 32	March 2018
Bharat Electronics Limited (BEL)	Deputy Engineer in Computer Science and Electronics - 23	14/03/2018
ECIL Hyderabad	Technical Officer, Scientific Assistant-A - 14	03/03/2018

Quantitative Aptitude #25

1. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

- A. Sunday
B. Saturday
C. Friday
D. Wednesday

Answer: Option C

Explanation:

On 31st December, 2005 it was Saturday.

Number of odd days from the year 2006 to the year 2009 = $(1 + 1 + 2 + 1) = 5$ days. On 31st December 2009, it was Thursday.

Thus, on 1st Jan, 2010 it is Friday.

2. What was the day of the week on 28th May, 2006?

- A. Thursday
B. Friday
C. Saturday
D. Sunday

Answer: Option D

Explanation:

28 May, 2006 = (2005 years + Period from 1.1.2006 to 28.5.2006)

Odd days in 1600 years = 0

Odd days in 400 years = 0

5 years = (4 ordinary years + 1 leap year) = $(4 \times 1 + 1 \times 2) = 6$ odd days

Jan. Feb. March April May

$(31 + 28 + 31 + 30 + 28) = 148$ days

148 days = (21 weeks + 1 day) 1 odd day.

Total number of odd days = $(0 + 0 + 6 + 1) = 7 = 0$ odd day.

Given day is Sunday.

3. What was the day of the week on 17th June, 1998?

- A. Monday
B. Tuesday
C. Wednesday
D. Thursday

Answer: Option C

Explanation:

17th June, 1998 = (1997 years + Period from 1.1.1998 to 17.6.1998)

Odd days in 1600 years = 0

Odd days in 300 years = $(5 \times 3) = 1$

97 years has 24 leap years + 73 ordinary years.

Number of odd days in 97 years $(24 \times 2 + 73) = 121 = 2$ odd days.

Jan. Feb. March April May June

$(31 + 28 + 31 + 30 + 31 + 17) = 168$ days

168 days = 24 weeks = 0 odd day.

Total number of odd days = $(0 + 1 + 2 + 0) = 3$.

Given day is Wednesday.

4. What will be the day of the week 15th August, 2010?

- A. Sunday
B. Monday
C. Tuesday
D. Friday

Answer: Option A

Explanation:

15th August, 2010 = (2009 years + Period 1.1.2010 to 15.8.2010)

Odd days in 1600 years = 0

Odd days in 400 years = 0

9 years = (2 leap years + 7 ordinary years) = $(2 \times 2 + 7 \times 1) = 11$ odd days 4 odd days.

Jan. Feb. March April May June July Aug.

$(31 + 28 + 31 + 30 + 31 + 30 + 31 + 15) = 227$ days

227 days = (32 weeks + 3 days) 3 odd days.

Total number of odd days = $(0 + 0 + 4 + 3) = 7 = 0$ odd days.

Given day is Sunday.

Faculty Development Program on Research Frontiers in Artificial Intelligence



Faculty Development Program (FDP) on Research Frontiers in Artificial Intelligence was organized by Department of MCA, New Horizon College of Engineering, and in collaboration with TCS - Tata Consultancy Services in New Horizon Campus on 20th of January 2018.



NEW HORIZON VIDYA MANDIR
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Dear Parents,
Hari Om!

ADMISSION NOTICE FOR PLAY GROUP, NURSERY, LKG AND UKG FOR THE SESSION 2018-19

Registration forms for admission for the academic year 2018-19 to Play group, Nursery, LKG and UKG can be downloaded from the website: www.newhorizonvidyamandir.in from 30th September 2017 onwards.

Registration forms can also be obtained from New Horizon Vidya Mandir or New Horizon Gurukul from 5th October 2017 onwards (Timings: 9.00am to 4.00pm).

Filled in registration forms to be submitted **only** at New Horizon Vidya Mandir. Parents can see the campus after the submission of registration forms on 5th, 6th and 7th October 2017. (Timings 9am to 12pm/1.30pm to 4pm)

Cost of prospectus and registration fee: Rs. 500 /- (mandatory for all applicants)

Submit the filled in registration form with the following:

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

Note: For those in the sibling category, please submit the filled in form on 5th October 2017 only. In case you do not apply on time, the preference in admission will not be given and your child's admission will be considered in general category.

For Play group: The child should complete 1 year 11 months as on 1st June 2018.

For Nursery: The child should complete 2 years 8 months as on 1st June 2018 and for other classes the corresponding age is taken into account for admission.


PRINCIPAL
(Usha Vasudevan)

Behind the Scene

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