

INDEPENDENCE DAY – 2018



The 72nd Independence Day was celebrated by the students of New Horizon College, Marathahalli and New Horizon College of Engineering. The momentous day in the history of India was marked with various performances by the students.

The day began with flag hoisting by the Principals and Registrar of NHC, and a rendition of VandeMataram by the students. The welcome address was given by the principal of NHCE, Dr Manjunatha. He stressed on the need for the students to be groomed as nation-builders and also to stop using imported goods. The various cultural events were a mesmerizing song sung by Sahil and team dedicated to the real heroes of India, an impactful performance by the mime team of NHCM on patriotism, and a dance performance by NHCE on national integration. The Registrar, Deans, Heads of Department, faculty members, security teams, and students took part in the celebration. The vote of thanks was given by the Principal of NHCM Dr R Bodisathvan.

Independence Day Celebration @ NHPS



On 15th August 2018, 72nd Independence day was celebrated with a spirit of patriotism and love for the Nation.

Investiture Ceremony @ NHCM



New Horizon College, Marathahalli, organized Investiture ceremony on 1st August 2018 in the Chanakya Seminar Hall. The event began with Aaron (EmCee) inviting the chief guest Dr. R. Bodhisatvan and the HODs. Dr. R. Bodhisatvan, principal of New Horizon College, gave an inspiring speech and then felicitated all the core committee members. The president and vice-president of the committee are Venkatraman and Rachna D K respectively. Greeshma Francis, HOD of BCom department, felicitated all the sub-committee members, and Soumya J, HOD of BBA department, felicitated all the class representatives. The president and vice-president of the committee gave the vote of thanks, and the event came to an end with everyone singing the National Anthem.

Anatomy and Working of Search Engines

Almost daily we use search engines and get the desired result but have you ever wondered what actually happens behind the scene? How is the data stored? Where is the data stored? Does it use file system/database servers/cloud for the storage? We will try to understand how a search engine works? Data is stored in a number of files on the internet, as ASCII files, binary files or in the databases. Search engines may vary on the way the data is stored. If the data is stored in the database the same can be queried easily to create search engines. For HTML files, graphics & PDFs search engine is an additional program.

A search engine that does not have a given content, searches it elsewhere. This data comes from a program that crawls many pages and reads the contents. Such a program is called a ROBOT or a SPIDER. It crawls the URLs specified by the search engine and marks when a new one is found. Google.com differentiates the pages that have been crawled and those that have not. The search engine crawls the data indexes the pages. Whenever you search for a query, the pages that have been indexed are displayed on the results page. In the results, the search engine mostly displays the title of the related article and the excerpt.

Although it is a complex and tedious process, we are going to explain some of the important terminologies used in the search engines and the basic process involved.

1.Simple data queries:

When data is stored in a database, simple queries are possible which is a call to the database by a middleware program based on user input. This query looks at a selected number of fields in the database. If it finds a match for the input the database returns the information to the middleware program, which generates a useful HTML display of the content that was found.

The database will be indexed for complex queries where it searches the index instead of the content. It also helps in noise word reduction, stemming and lookup tables for a content mapping.

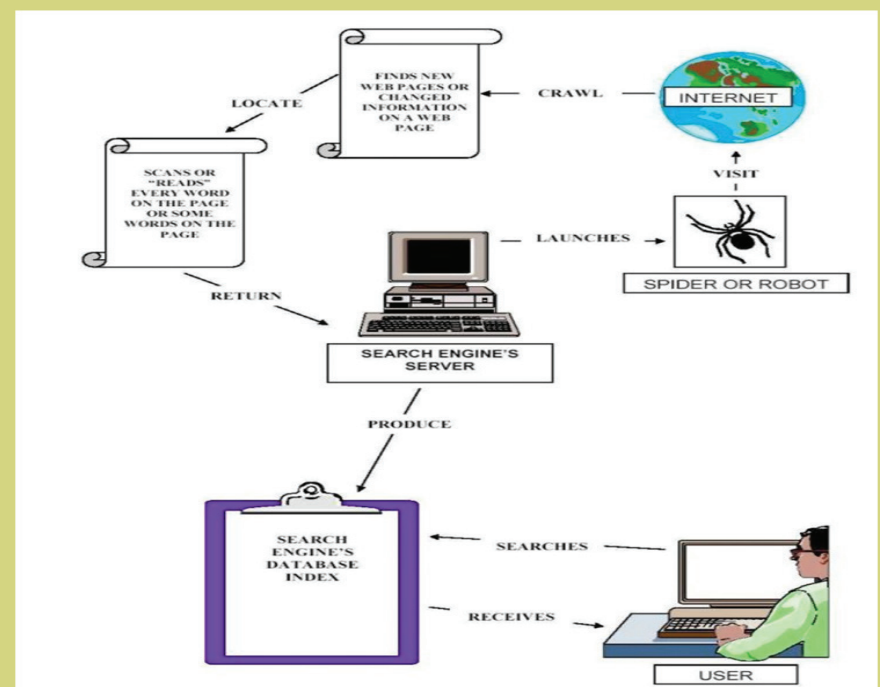
2.Complex data queries:

Nielson's recent summary on searching behavior suggests that if users are not successful with their first search they will not improve their search results on a second or third query (Nielsen). Since finding the correct piece of information quickly is important, complex queries are appropriate for keyword searching. They allow the user to ask that a series of conditions about their specific query be met.

3.Boolean searching:

Some search engines allow the user to specify conditions they want to be met in their search results. Boolean searching allows the user to specify groups of words, that should not appear and whether the search should be case-sensitive or not. AND or OR can be used to refine the search. These terms are logical expressions included in Boolean searching.

Most search engines allow some or the other form of Boolean searching. It includes syntax for case sensitive searching; but, some databases store their information in case-insensitive field types.



4.Pre-processed data:

In most search engines the data that the user searches is not the actual pages of information but a dataset of information about what's contained in the pages. This is called an index. The original content is in a database and index is the second dataset.

Content indexing creates a document index that contains information about where each word is found on each page. The user performs a search on this index. The display results page translates the information found in the document index back into the information that is on the actual pages.

5.Indexing content:

Databases are sometimes given to improve performance. A search engine can be improved in terms of speed by using an index. An index is used to strip noise words out of the content.

6.Document index:

A document index is special content index. Most search engines make use of it to get responses for keywords. Information about the words in the documents allows the search engines relevancy calculation to return the best result.

7.Noise words:

To save space and time, search engines strip out words when you query the database. Some databases such as MySQL, have noise word rules built in. These general rules can be modified, additional rules can be placed on specific data sets to allow best results. The words that are stripped are called noise words. Noise words may be stripped out based on a specific list of words or length.

Blood Donation Camp @ NHCM

New Horizon College, Marathahalli, organized a blood donation camp in the quadrangle, on 18th August. It was conducted under NSS in association with the Leo club. The student volunteers began the drive by donating blood followed by large number of students. After scrutiny, about 140 students were found fit to donate and 100 units of blood was collected. Certificates and refreshments were provided to the donors. The camp was a success and gave the students a sense of responsibility towards society. For many students this was a new experience and they vowed to donate in the future as well.



Swachh Bharath Abiyaan Campaign @ NHCM

New Horizon College, Marathalli, organized a campaign for clean India at Lalbagh, Bangalore, on 20th August 2018. Team Outreach and National Service Scheme joined hands for the campaign and a total of 125 students from BBA, BCom and BCA took part in it. The students, 65 girls and 60 boys, were guided by NSS Programme Officer, NSS co-ordinator and two co-ordinators from Outreach Committee. The students reached the venue at 10 am by two college buses, and started the clean initiative with full dedication. Students were briefed about Green India and on the importance of collective responsibility. It was a new learning-based activity for the students and they expressed their desire for more such activities. Refreshments were provided to all students and they came back at 5 pm to the college campus.



Student Research Intern

Mr. Rohit Mulay (IV-CSE) has been selected as an Exchange Visitor, Student Research Intern by IBM-Illinois Center for Cognitive Computing systems Research at the University of Illinois Urbana-Champaign, IL, USA. (Prof. Wen-mei Hwu)



Preparing CSE department students for the 5S Implementation

One of the most significant developments in recent times is giving more importance to the work place organization and information management. Work place organization is a key to increase the effectiveness of teams and thereby organization. Proper planning and management of information, ranging from personal data to organizations details and small information to business prospects is necessary in the present world.

Every action is being recorded for future references, either in the form of softcopy or hard copies. Hence there is a need to have a well-organized work place organization methodology in every part of the organization. With this objective in mind, we have started implementing 5S in our CSE department by explaining the importance of a well-organized work place in an educational institute. All 3rd, 5th & 7th Semester CSE students were motivated in the first week of August, for creating a clean and systematic work process in our institute.



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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 from 16th August 2018 onwards.

Filled in registration forms are to be submitted at New Horizon Vidya Mandir only on 29th September 2018 / 1st October 2018 / 2nd 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

Behind the Scene

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