

Birthday of Subhas Chandra Bose



NHCE celebrated the birthday of Subhas Chandra Bose ON 23rd January 2017 to pay homage to the Indian Nationalist whose defiant patriotism made him a hero in India. The event preceded with a pooja followed by a speech by Mr. Affan, Student of Mechanical Dept and the distribution of sweets. The event was attended by Dr. Prashanth CSR, Dean-Academics, Dr. Sanjay Jain, HOD-ECE, Dr. Sheelan Misra, HOD-MBA, Dr. Ilango, HOD-MCA, Dr. Anitha S Rai, Head-Library and Information Center, and Fashion Show club members and the Students of NHCE. The whole event was organized by the Fashion Club committee members of NHCE.



ANDROID Workshop

Two day workshop on "Android" was conducted on 30 & 31st of January 2017 by IS department. Three faculties, Prof. Govindaraj, Prof. Binoj and Prof. Jincy from MCA department attended the workshop. The Trainer was Mr. Ramkumar Arumugam, an android developer & Trainer at MODELEXAM. Firm 'MODELEXAM' - is a Madurai based E-Learning Solutions provider. The training was about hybrid app development with appery.io. In the morning session, he gave an introduction about various Android Screen components and its usage and simple CRUD operations. And as well as explained about using Google map, YouTube, audio and image components in Apps. Then all the faculties started coding a test android app using these component which was a great learning experience. In the afternoon session we had a discussion on UI & UX for new App ideas for college or department and its coding. The session ended with the excitement of testing the App in their respective mobile devices, and certificates were distributed.

Android Application Development Club (AAD), GALAXY - Report

The event was organized by Android Application Development club of MCA department under guidance of HOD -Dr. V Ilango and the faculty-coordinator Jincy C Mathew in association with the 4th Semester Students of MCA headed by Praveen Kumar and team. The intent of the proposed event is to allow students to get equipped with the latest applications and its importance in the world of Android Application Development. The event began at 2:00 pm at falconry seminar hall dated 27th Jan, 2017 with vande mantram and saluted the republic of India and unveiling of the club logo by HOD-Dr. V Ilango. Praveen Kumar and Kusuma of IV-sem, were the hosts for the day, constantly interacting with the students. Welcome speech was given by Puspalatha of IV-sem, and our beloved HOD addressed the gathering by giving insight about "Social entrepreneur" to use Android app to solve problem and further discussed about App Monetization, Boot Camp and App Store Optimization.



The club members arranged activities based on finding the various applications by pictorial representation of Android applications and testing the skills of participants in selling the app by telling its features. All students actively participated in the activities and were excited to know the importance of various apps on Android which they use day to day basis. At the end, prizes were distributed to encourage the winners and all other participants by Prof. Jincy and she gave vote of thanks to all. The memberships were registered by the club members and at 4.00 pm the event was ended.

Wishes Staff & Students

Happy New Year
2017

Report on Talent Next Training Program Conducted At Wipro, Electronic City

The program began on 9th of Jan 2017, attended by Prof. Govindaraj M, Prof. Vishwanatha C R, Prof. S. N. Kavitha. On day 1, Engineering Attributes was the topic for discussion handled by Dr. Satish kumar. In the session, we understood towards bringing innovation into the classrooms by using alternate teaching-learning methodologies and implementing active learning. They emphasized on having storytelling, brainstorming, demonstration, experimentation, analogy, problem-solving, group activity and case study in the classes. The day 2 was the start of the MILE-1 program. We had two mentors Mr. Avinash Patel and Mrs. Anitha who continued till the completion of the program. The session had hands on expertise on various OOPS concepts, Exception handling and an introduction to collections. As all participants could not coup up with the concepts, the topics continued for the next day also. After that there was a hands-on experiments on the concepts learnt in the form of mini projects. The day 3 continued later by introducing us to MILE-3 which had Junit, IO, JDBC followed by an assessment project and MCQs on the 4th day. The day 5 was the start of MILE-3 which focused on concepts like HTML, CSS, JAVASCRIPT, Bootstrap and Servlets followed by hands-on mini

project. On day 6, the topics covered were JSP, AJAX and various concepts on web programming followed by a project assessment and MCQs. That was the end of our 1st week of training. In the second week, the focus was on getting us some sort of training in the form mini projects. We were given hands-on experience on solving a problem statement. The day 7 and 8 went with that only. On day 9, we learnt how to carry out unit testing on our



projects. Then day 10, 11 and 12 we had hands-on training on Hibernate and Springs. The training on Hibernate and Springs was totally new to us. We learnt many concepts on these two topics. Today the two biggest challenges for Enterprise Web Development are to managing multiple Http requests and managing data with databases. One of the most successful solution for solving the above

said problem is Model-View-Controller (MVC Model). So there was lot of emphasize on making us understand what is MVC model is all about and how to do it practically. In JDBC, creating beans and managing the JDBC connection process is complicated and became mechanical work. In order to address this issue, automation of the data handling is most essential thing for real time applications. The Technology Framework evolved to address this is Hibernate. Hibernate Framework can be used to automate the Bean-JDBC process using 2 approaches, one using Xml file for mapping bean to database and another one using annotation. Basics of Hibernate framework covered and able to solve simple programs for One to One Relationship, One to Many Relation, Many to One and Many to Many Relationship. The last topic of discussion on 21st Jan 2017 was Spring Framework. This Framework simplifies the handling Multiple Http requests. Each spring framework internally converted into servlet. It helps for faster web development. We are able to understand the need of Spring and able to execute simple programs using Spring framework. After learning all these concepts, the training ended with a valedictory event on 21st Jan 2016 and all participants were given certificates.

Leo Club Installation Ceremony at NHC-M

The installation ceremony of 2 Leo Clubs sponsored by the Lion's Club of Bangalore Host viz. Bangalore Host Neozonites Tempus and Bangalore Host Neozonites Locus was held at the Chanakya Seminar hall. The event witnessed the presence of Lion Alka Shah with her team, Leo Advisor Neha Bathija, Dr. Bodhisatvan, Principal of New Horizon College of Management, Installing Officer Lion Capt. Siva Subramanyam and the President and Secretary of the Leo Club, NHCE. Lion Alka Shah in her address said that by this formation of 2 Leo clubs, they had reached another milestone and will be a positive sign for the

institution, their Lion's club as well as the Lions club district. The installing officer, in his address, briefly explained the importance of Leo movement. He spoke about how Leo clubs provide an opportunity to develop leadership, experience, opportunity and serve as a forum to come together to render service to the society. He congratulated the new office bearers and members. District Chairman for Leos Madan Doulatram with his encouraging words, asked the student members of the Leo club to work hard and march towards becoming a successful and efficient club. The new office bearers were sworn in for the year; the pledge was administered

and the pins were distributed. These proceedings were carried out by members of the Lion's Club of Bangalore Host. The newly elected presidents gave their acceptance speeches and promised to work collectively towards the Leo Movement. The newly elected secretaries presented the vote of thanks and the ceremony concluded with the singing of the National Anthem.

**A Report by
Prateeksha Shenoy
Faculty-in-charge
Leo Club, NHC-M**

For Students looking for Placements/IT- Career, Make Your resume Hit by these 11 Actions

1. Replace the objective statement.

"Replace the objective statement at the top of your résumé with a branded headline that conveys your value to the reader, i.e., 'Registered nurse committed to providing safe, effective patient care,'" says Laurie Berenson, certified master résumé writer and founder of Sterling Career Concepts LLC.

2. Connect with your network.

"Connect with one person from your network with whom you haven't spoken in at least one month," Berenson advises. "Pick up the phone, too — don't rely on emailing."

3. Update your social profiles.

"Update your LinkedIn profile content for two reasons: First, to keep it current, but also so the activity puts your name in front of every one of your contacts as a network update on their home page," Berenson says.

4. Conduct research.

"A lack of basic understanding of the agency's mission and/or philosophy shows a lack of preparation and interest," says Natasha R.W. Eldridge, founding partner and director of human resources for Eldridge Overton Educational Programs.

5. Make your voicemail more professional.

"Remove ringtones and silly voicemail recordings from voicemail," Eldridge says. "I am not going to leave a professional message on the voicemail of

an applicant that has music blasting as a ringtone. It shows me that job searching is not a priority."

6. Prepare for the interview.

"Preparation is everything," says Bruce A. Hurwitz, president and CEO of Hurwitz Strategic Staffing Ltd. "Make up a list of the questions you do not want to be asked; then answer them in the company of a friend. Tell the friend you want honest feedback to make certain that you are giving confident, credible and professional-sounding answers. Once you are comfortable with the difficult questions ... you will be more than prepared for the 'easy' questions."

7. Join industry associations.

"Contact and join a local professional association," says Raina Kropp, HR talent partner at Vistage International. "Sometimes you can get student or in-transition discounts. Don't be afraid to ask. These are the people you want to network with since they could be your future manager or colleague."

8. Clean up your résumé.

"Remove irrelevant experience from your résumé," says Katie Niekrash, senior managing director of the recruitment firm Execu-Search. "While the summer after college that you spent scooping ice cream may have been the best [time] of your life, it doesn't really apply to a career in finance. Pick and choose your relevant experience, and tailor it to the job you're applying for."

9. Get your references ready.

"Prepare your list of references before the interview," Niekrash says. "Once you have confirmed your two to three references, create a simple document that lists all the relevant information the employer would need to know about them — name, title, contact info., etc. Bring this document with you to all your interviews, so this way, if the hiring manager asks you for your references, you'll be prepared and look organized."

10. Stay organized.

"Create a master list for all the jobs you apply for. The key to a successful job search is organization," Niekrash says. "To do this, create an Excel spreadsheet that contains a row for each job you apply for, and include these columns: the date you applied; the company; the contact; the position for which you applied; how you applied; if, when and with whom you interviewed; when you should next follow up or what your next steps are; and the current status of the application. Creating this document should only take a few minutes, and updating it as you proactively apply for jobs should only take a few seconds."

**Shivam Kumar Tiwari
1NH13EE055
BE- EEE 7th Sem
(Wipro)**

CREATRIX – A Report (A Departmental Level e-DAP Club Event)

The MCA Department of New Horizon College of Engineering hosted the first departmental level E-DAP club event entitled “CREATRIX” on 31.1.2017, Tuesday in Falconry Hall by 2.00 P.M. Dr.V.Ilango, Professor & Head released the Logo of E-DAP Club and Addressed the Gathering. He also introduced the Office bearers e-DAP Club Members and they had taken the oath. Mr.Channa Keshava , President proposed the action plan of the e-DAP Club. E-DAP Office bearers conducted the events titled “ Quiz , Poster & Web Designing” . Prof.S.P.Sreeja , Prof.B.Nithya and Prof.Kavitha S.N judged and finalized the winners of events. Dr.R.Chinnaiyan , Professor, Faculty Coordinator of E-DAP Club , Mr.Channa Keshava , President, Mrs. Sruthi ,Treasurer , Mr.Naveen Kumar S, Vice-President and the Members of E-DAP Club made the arrangements. Winners of the E-DAP Club were honored with medals.



Annual Sports Day @ NHC-M

The Annual Sports Day at New Horizon College Marathalli had always been a day expressing vitality and enthusiasm of the sports lovers. To add an extra edge to it, the most zealous performers of the college have covered unlimited miles through the much active sports activities conducted every year. The Chief Guest for this year’s Annual Sports Day was Mr. Punith Krishnamurthy, an International Rugby player who graced the day with his presence and engaged himself in every event of the day showing his encouragement and support. The college had also invited Rahul Ghorai, an alumnus of NHC-M and three times champion for Discus Throw and Shot Put under Bangalore University. The major sports events were relay race, long jump and 200/400 metres sprint for boys and girls. Besides these, the thrilling event of the day was the contact team game kabaddi of II vs. III year degree students which the II year degree students won by 2 points. The overall champions of the day were Rakesh Kumar, VI BBA and Gayanashree, VI BBA.

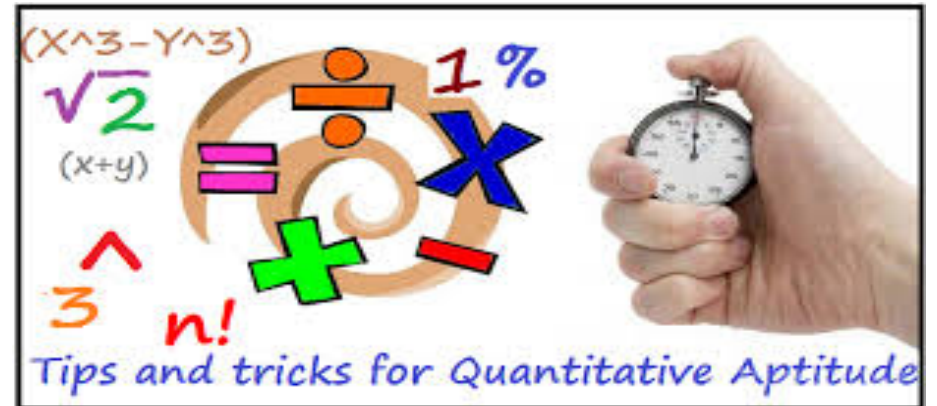
Closing Ceremony of the State Level Celebrations of Swami Vivekananda Jayanti and National Youth Week



The event was conducted by Bangalore University in collaboration with the Karnataka State Government on the occasion of Swami Vivekananda Jayanti and the National Youth Week at Palacae Grounds, Bangalore. It was graced by the Honourable Chief Minister of Karnataka, Siddaramaiah. The event had various cultural programmes and highlighted the achievements of Swami Vivekananda and his role in society. There were stalls setup by the Bharat Scouts and Guides, General Thimmaiah Adventure Academy and the National Cadet Corps. There were 60 students who had attended the event. The student coordinators

for the event were Chirag A Kothari, Sushant Vadar and Shruthi Nambiar and the faculty coordinators for the event were Mr. Sriram Kundana and Mr. Radheesh Johnson.

**A Report by
Sriram Kundana
Faculty Coordinator**



Quantitative Aptitude #13

Q1. Find the angle between the hour hand and minute hand of a clock when the time is 05:30?

- A. 20° B. 15°
C. 17° D. 25°

Answer- Option B

Explanation-

At 5 o'clock, the hour hand is at 150° from the vertical.

In 30 minutes, angle made by hour hand = 150° + 30x0.5 = 165°

Angle made by minute hand = 6x30 = 180°

So, angle between the hour hand and minute hand = 180 - 165 = 15°

Q2. What is the reflex angle between the minute hand and hour hand at 08:45?

- A. 356° B. 354.5°
C. 352.5° D. 350°

Answer- Option C

Explanation-

At 8 o'clock, the hour hand is at 240° from the vertical.

In 45 minutes, angle made by hour hand = 240° + 45x0.5 = 262.5°

Angle made by minute hand = 6x45 = 270°

Angle between the hour hand and minute hand = 270 - 262.5 = 7.5°

So, reflex angle is 360 - 7.5 = 352.5°

Q3. At 10:40, the angle between hour hand and minute hand is

- A. 80° B. 85°
C. 90° D. 75°

Answer- Option A

Explanation-

At 10 o'clock, the hour hand is at 300° with the vertical.

In 40 minutes, angle made by hour hand = 300° + 40x0.5 = 320°

Angle made by minute hand = 6x40 = 240°

So, angle between the hour hand and minute hand = 320 - 240 = 80°

Q4. What is the angle formed by the minute hand and hour hand at 09:25?

- A. 40° B. 43.5°
C. 45° D. 42.5°

Answer- Option D

Explanation-

At 9 o'clock, the hour hand is at 180° with the vertical.

In 25 minutes, angle made by hour hand = 180° + 25x0.5 = 192.5°

Angle made by minute hand = 6x25 = 150°

So, angle between the hour hand and minute hand = 192.5 - 150 = 42.5°

Q5. A faulty clock gains 6 seconds in 10 minutes, and it is set right at 9 AM. What is the correct time when the clock is at 11 PM?

- A. 10:51:36 PM B. 10:51:24 PM
C. 10:52:36 PM D. 10:52:24 PM

Answer- Option A

Explanation-

A clock gains 6 sec. in 10 min. So, in 1 hour, it gains 36 sec.

From 9 AM to 11 PM, time passed is 14 hours.

In 14 hours, the clock has gained 36x14 = 504 sec.

At 11 PM, the correct time is 10:51:36 PM

Dr.R.Chinnaiyan, Professor /MCA-NHCE

Swami Vivekananda Week @ NHC MARATHALLI

New Horizon College, Marathalli dedicated a week long programme to imbibe in the students the philosophy and ideals of Swami Vivekananda, the man who brought a change in the thought process of the youth of the nation. The programme started on January 9, 2017 and ended with the observation of the 'National Youth Day' on January 12, 2017 commemorating the birth of the social reformer, philosopher and great thinker.

Literary Activity

Swami Vivekananda was an expert orator besides being a social reformer and a great philosopher and the Chicago lectures at the Parliament of World's Religion that he delivered left the West spellbound and it still continues to be an asset of Indian nationalism. An excerpt from the lectures were given to the students to read and recreate in three different genres namely, pencil sketching, creative writing and speech. Around 30 student participants took part in the event. The judges for the events were Ms. Sayantani Banerjee, Head of the Department, B.Com, Ms. Soumya J and Ms. Selvarani Paulraj. The student coordinators for the events were Saswatha, Neha and Santhosh of VI BBA.

Inauguration of Extra Curricular, Co-curricular Clubs-Team Tarang



New Horizon College officially inaugurated the extracurricular club for the students at the Chanakya Seminar Hall. Kirtana Ganapathi formally welcomed the gathering and the student club coordinators for various wings were introduced on stage. Tarang as the vibrant name is suggestive hosts a spectrum of wings for various co-curricular activities aiming to provide a wider platform for testing and honing the talents of the students with the alternative of students registering themselves according to their choices. Dr. R. Bodhisatvan, Principal, NHC-M congratulated the students coordinators and highlighted the significance of the club. The Faculty in-charge of the Club, Greeshma Francis addressed the gathering and explained the structure and mechanism that the club would be adopting. The program ended with vote of thanks delivered by Kirtana Ganapathi thanking the Principal, Heads of the Departments, faculty members and coordinators for their help and support and in providing them new perspectives outside classroom.

	Club name	Coordinators
Faculty in charge	Tarang	Greeshma Francis
President	Students Club	Rohit VR
Vice president	Students club	Vandana Khandelwal
Student Incharge	Tarang	Amogha Rahul
Student Incharge	Tarang	Dorothy Dave
Dance Club	Panache	Sashikiran
Music Club	Goonj	Prathyusha Anand
Literary club	Epiphany	Pratheek Mathur
Art and creativity club	Kalamunch	Sandhya Nair
Drama Club	Navarasa	Sagar Selani
Media club	Vector	Abishek Sarkar
Photography club	Actino	Tarun Chandrashekar
Out Reach		Chirag Kothari
Adventure Club	Velocity	Vignesh
NSS		Sushanth

Cancer Awareness Day

Charts with messages inspiring positive hope, building faith and stimulating courage were prepared by students and had been put up for display. The college campus was decorated with pink ribbons and the dress code for the students and faculty was pink expressing their support and concern for the affected people across the globe. The event was organized by Lohith V. of II B.Com (Professional) and Sahana Reddy of II B.Com (Executive).



Behind the Scene

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"Quote Hanger"

If you Born Poor
it's not Your Mistake,
But if you Die Poor
it's Your Mistake

-Bill Gates

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