Exhibition conducted by Bioblooms Club

The Bioblooms Club, a co-curricular club of Biotechnology department organized a display of 'Assignments and SSA Exhibits' by III semester Autonomous students on 12 November, 2016. It was inaugurated by our Principal Dr. Manjunatha, Dean Academics Dr. Prashanth CSR and our HOD Dr. Pratima Khandelwal at 11 am. These models and posters were made as a part of SSA and their excellence was appreciated by them and all our out teachers. The key feature was that their exhibits shall be used by our teachers as a teaching aid for the upcoming batches under autonomy. Notably V semester students also participated in making the exhibits and displaying them.

A detailed report on the Industrial Visits in the month of Nov!

Biocon limited, the industry that revolutionized the entire Biotechnology industry in India. It has laid a strong foundation since 1978, for the upcoming boom of the incorporation of technology in biology.
Biocon is one of the inspiring reasons for the aspiring students of Biotechnology to step into the world of entrepreneurship. The novel ideas of peptinpapain, enzymes and insulin pens have indeed made an impact on our society. As budding biotechnologists, their goal of affordable innovative products for all inspired us and finally on 23rd November 2016 our visit to Biocon was our DREAM COME TRUE!!!

Unibic Biscuits Pvt Ltd, the favorite and prominent choice of biscuit lovers of all ages with over 23 different flavored biscuits. The staffs in this place were as warm as were their biscuits. The whole process of raw materials turning into those BICALICIOUS extensively flavored biscuits and being packaged with the aesthetically appealing wrappers was shown in a sequential manner. This successfully enhanced our knowledge of the subjects Unit Operations and Food BT included in our curriculum.
This was a perfect example of MAKING THE LEARNING EXPERIENCE FUN!!!
Green Chem, is a worldwide organic synthesis and pharmaceutical research company. Their Prime focus is to promote green chemistry. The development and validation of analytical methods provide rapid enabling of projects. The project from discovery phase to the commercial production can be developed.

Fresher's Party

Continuing with the proud tradition of the MCA Department New Horizon College of Engineering , senior students welcoming the newcomers of the MCA Course mingled with each other at the fresher welcome party held on 21st October 2016 in the Auditorium. The event was inaugurated by Dr. V.Ilango , Professor and Head of MCA Department.

It was an ecstasy filled in morning , at which the fresher got an opportunity not only to showcase their talents and but also to interact with the seniors colleagues from other programs. Soon after the inauguration, the program kick-started with a ramp walks , dance , solo singing in which many contestants vied for the   Mr. & Ms. Fresher 2016 title. The contest included several rounds involving, dancing, ramp walk, Quiz and the like, which wove the magic of fun and joy in to the event.

JOB for Engineers

Organization	Post Name - No of Vacancies	Last Date for Apply
Hindustan Aeronautics Limited (HAL)	Graduate Engineers - 215	16/12/2016
Bharat Electronics Limited (BEL)	Various Engineers - 100	December 2016
NBCC (India) Limited	Engineering Executive Posts - 88	21/12/2016
Kolkata Municipal Corporation	Assistant Engineer (Civil), Sub Assistant Engineer (Civil) - 80	03/01/2017
MAHAGENCO	Engineers, Chemists - 61	21/12/2016
NPCC Limited	Assistant Engineer (Civil) - 50	26/12/2016
Mineral Exploration Corporation Limited (MECL)	Senior Manager, Manager, Assistant Manager, Foreman, Technical Assistant - 40	12/01/2017
KELTRON	Engineer - 16	22/12/2016
West Bengal Power Development Corporation Limited (WBPDCL	Mine Manager, Assistant Mine Manager, Safety Officer - 15	26/12/2016

Quote Hanger
"Where can we go to find God if we cannot see Him in our own hearts and in every living being."
Swami Vivekananda

10 Tips for Success.

1. Focus on commitment, not motivation.

Just how committed are you to your goal? How important is it for you, and what are you willing to sacrifice in order to achieve it? If you find yourself fully committed, motivation will follow.

2. Seek knowledge, not results.

If you focus on the excitement of discovery, improving, exploring and experimenting, your motivation will always be fueled. If you focus only on results, your motivation will be like weather—it will die the minute you hit a storm. So the key is to focus on the journey, not the destination. Keep thinking about what you are learning along the way and what you can improve.

3. Make the journey fun.

It's an awesome game! The minute you make it serious, there's a big chance it will start carrying a heavy emotional weight and you will lose perspective and become stuck again.

4. Get rid of stagnating thoughts.

Thoughts influence feelings and feelings determine how you view your work. You have a lot of thoughts in your head, and you always have a choice of which ones to focus on: the ones that will make you emotionally stuck (fears, doubts) or the ones that will move you forward (excitement, experimenting, trying new things, stepping out of your comfort zone).

5. Use your imagination.

Next step after getting rid of negative thoughts is to use your imagination. When things go well, you are full of positive energy, and when you are experiencing difficulties, you need to be even more energetic. So rename your situation. If you keep repeating I hate my work, guess which feelings those words will evoke? It's a matter of imagination! You can always find something to learn even from the worst boss in the world at the most boring job. I have a great exercise for you: Just for three days, think and say positive things only. See what happens.

6. Stop being nice to yourself.

Motivation means action and action brings results. Sometimes your actions fail to bring the results you want. So you prefer to be nice to yourself and not put yourself in a difficult situation. You wait for the perfect timing, for an opportunity, while you drive yourself into stagnation and sometimes even into depression. Get out there, challenge yourself, do something that you want to do even if you are afraid.

7. Get rid of distractions.

Meaningless things and distractions will always be in your way, especially those easy, usual things you would rather do instead of focusing on new challenging and meaningful projects. Learn to focus on what is the most important. Write a list of time-wasters and hold yourself accountable to not do them.

8. Don't rely on others.

You should never expect others to do it for you, not even your partner, friend or boss. They are all busy with their own needs. No one will make you happy or achieve your goals for you. It's all on you.

9. Plan.

Know your three steps forward. You do not need more. Fill out your weekly calendar, noting whenyou will do what and how. When-what-how is important to schedule. Review how each day went by what you learned and revise what you could improve.

10. Protect yourself from burnout.

It's easy to burn out when you are very motivated. Observe yourself to recognize any signs of tiredness and take time to rest. Your body and mind rest when you schedule relaxation and fun time into your weekly calendar. Do diverse tasks, keep switching between something creative and logical, something physical and still, working alone and with a team. Switch locations. Meditate, or just take deep breaths, close your eyes, or focus on one thing for five minutes. You lack motivation not because you are lazy or don't have a goal. Even the biggest stars, richest businesspeople or the most accomplished athletes get lost sometimes. What makes them motivated is the curiosity about how much better or faster they can get. So above all, be curious, and this will lead you to your goals and success.

Dr. V. Ilango- HOD MCA

IQAC STUDENTS' WORKSHOP @NHC-M

The departments of Commerce, Management and Computer Applications at New Horizon College, Marathalli organized a students' workshop under the banner of Internal Quality Assurance Cell (IQAC). The two days workshop focused on rendering valuable information related to academics and career growth for students from different colleges in Bangalore. Organised by the department of B.COM and BBA, the first day of the workshop was on the topic DERIVATIVES DEMYSTIFIED. Dr.Sairam, a renowned commerce and management consultant and the resource person of the workshop highlighted the importance of having an in- depth knowledge of the derivatives world for aspirants in finance, investment bank, stock exchange and so on. The interactive sessions helped the students to know more about the derivative trading. The second day of the workshop organised by the department of Computer Applications on ANDROID had Mr. Gaurab Kumar, an established academician as the resource person who with his specialized knowledge on Andriod gave the students the seminal knowledge about app development and its various other applications. The interactive session helped the students gain a wider knowledge on apps. A total of 200 students participated from 17 different colleges. The workshop was conducted by the student coordinators under the abled guidance of the faculty coordinator Ms. Shilpa Joshi and her team. The students coordinators had a great opportunity of having hands on experience of conducting such a workshop at the inter-collegiate level. Dr. R. Bodhisatvan, Principal, NHC-M congratulated the faculty coordinator and her team; Ms. Sayantani Banerjee, the IQAC coordinator for her indelible support and the student coordinators for the successful conduction of the workshop.

Self Care for Girls by Women Empowerment Committee of NHC-M

The Women Empowerment Committee took an exclusive interest in providing the girl students of the III Semester BBA, B.Com and BCA departments with a wider knowledge on Self-Care. Keeping in mind the various problems women face in their work and day-to-day lives and the fact that after the completion of another semester the young students will soon find themselves in a working environment, the faculty coordinator of the committee Ms. Meenakshi T organized the session where Ms. Harini Govindan, the in-house Student Counselor of NHEI was invited to talk and interact with the students.

Management Fest -PRAGYAN 2K16 by the Department of BBA@NHC-M

The department of BBA hosted the management fest PRAGYAN 2K16 especially to bring out the latent managerial skills among the students in a virtual corporate world. The fest consisted of two events – CROSS WORD (HUMAR) and CRISIS MANAGEMENT (CRUNCH). The judges for the events were Mr Tejas B Vyas of MBA VTU & Ms Saumi Roy of MBA Bharthiar university of New Horizon Educational institution. CROSS WORD (HUMAR) started at 11:45 AM. The first prize was won by Tejus.R and the runner up for the event was Shreya B. The next event CRISIS MANAGEMENT (CRUNCH) began at 2 p.m. with 15 teams participating for the competition. Each team consisted of 3 members. The teams were given a crisis to defend in front of the media team and the panel of judges. After a tooth and nail fight, three teams emerged as the winners. The winner was Dhruv Puri and team. The runner ups were Tejus and team & Mukesh and team.

Sports

Mishal Kamal of III Sem BBA Executive won Bronze medal in Bangalore University Inter-collegiate Shooting Event (Pistol Shooting) Competition held at Sports Authority of India, Kengeri and also got selected for All India Inter University Shooting Competition.

Our College Cricket (Boys) team participated in the Inter Collegiate Cricket Tournament at Jain College and won Second prize.

Sagar A of V Sem B.Com Executive and Clement Joy of V Sem BBA won Bronze medal in Bangalore University Inter-collegiate Best Physique (70-75Kg and 75-80Kg) Competition held at Sheshadripuram College, Kengeri.

Sports Day, ECE @ NHCE

Sports day was organized in the ECE Department on 27th of September 2016. The students came out in large numbers and actively participated with full sportsman spirit. Various events like Chess, Carom, Throw ball and Box cricket were conducted for 3rd, 5th and 7th semester students. . The medals for the winners and certificates for the 2nd place holders and volunteers were given. All the events were successfully conducted with the great support and guidance of HOD, Dr. Sanjay Jain and staff members of the ECE dept. The sports meet concluded at 5 p.m.

Management Fest-PRAGYAN 2K16 by the Department of BBA@NHCM

The department of BBA hosted the management fest PRAGYAN 2K16 especially to bring out the latent managerial skills among the students in a virtual corporate world. The fest consisted of two events – CROSS WORD (HUMAR) and CRISIS MANAGEMENT (CRUNCH). The judges for the events were Mr Tejas B Vyas of MBA VTU & Ms Saumi Roy of MBA Bharthiar university of New Horizon Educational institution. CROSS WORD (HUMAR) started at 11:45 AM. The first prize was won by Tejus.R and the runner up for the event was Shreya B. The next event CRISIS MANAGEMENT (CRUNCH) began at 2 p.m. with 15 teams participating for the competition. Each team consisted of 3 members. The teams were given a crisis to defend in front of the media team and the panel of judges. After a tooth and nail fight, three teams emerged as the winners. The winner was Dhruv Puri and team. The runner ups were Tejus and team & Mukesh and team.

Industrial Visit of NHCM- III BBA students

The III BBA Section-A students were taken for the industrial visit to KMF Hoskote Diary. The faculty member coordinators for the visit were Ms.Serah Sudhin and Mr.Naveen.

The III BBA Section-B students were taken for the industrial visit to Karnataka Soaps and Detergents Limited (KSDL). The faculty member coordinators for the visit were Ms. Ashima Gupta and Ms.Selva Rani.

Quantitative Aptitude #11

1. Insert the missing number. 12, 25, 49, 99, 197, 395, (...)

A. 789   B. 1579

C. 722   D. 812

Answer : Option A

Explanation :

Each number is twice the previous one with 1 added or subtracted alternatively.

2.Insert the missing number. 34, 7, 37, 14, 40, 28, 43, (...)

A. 31   B. 42

C. 46   D. 56

Answer : Option D

Explanation :

We have two series here

34, 37, 40, 43, ... (Increase by 3)

7, 14, 28, ... (Multiply by 2)

Hence, next term is $28 \times 2 = 56$

3. Find the missing number. 1, 4, 9, 16, 25, 36, 49, (....)

A. 64   B. 54

C. 56   D. 81

Answer : Option A

Explanation :

The series is $1^2, 2^2, 3^2, 4^2, 5^2, 6^2, 7^2, ...$

Hence, next term = $8^2 = 64$

4. Insert the missing number. 2, 7, 10, 22, 18, 37, 26

A. 42   B. 52

C. 46   D. 62

Answer : Option B

Explanation :

There are two series here

2, 10, 18, 26, ... (Increase by 8)

7, 22, 37, ... (Increase by 15)

Hence, next term is 37+15 = 52
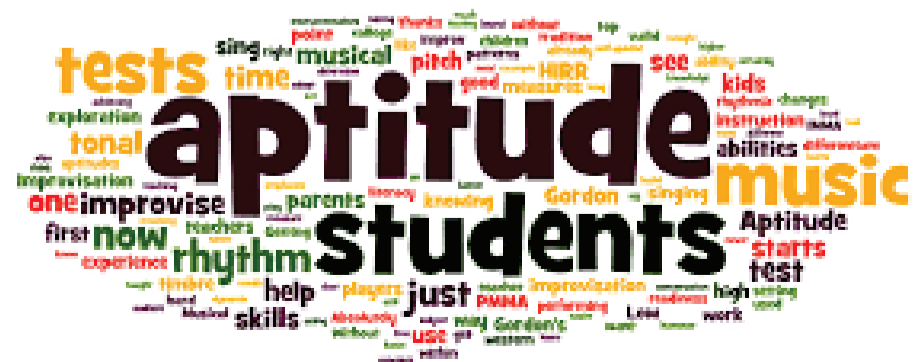
5.   4, 12, 48, 240, 1440, (...)

A. 7620

B. 10080

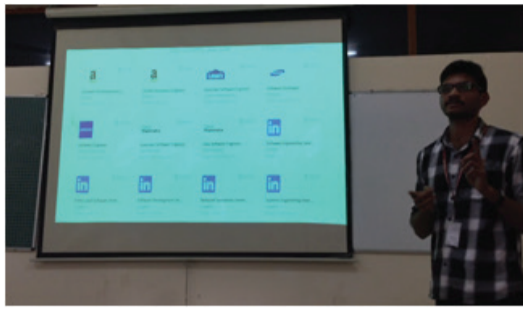C. 6200

D. 10020

Answer : Option B

Explanation :

Go on multiplying the given numbers by 3, 4, 5, 6, 7

Dr.R.Chinnaiyan, Professor /MCA-NHCE

Report on Seminar for Motivating freshers to take part in Inter-college competitions and for building rapport with juniors

Objective: The objective of this event was to give an overview to the students of 1stsem MCA about the importance of participating in intercollegiate tech-fests, the experience and benefits they can earn from being part of the event and the impact the events can make to the career of the individuals. Also to motivate them to host events either curricular or non curricular with the support of the MCA department.

Aim: To increase the level of competency among the students, make them to be familiar with the industry expectations. And also to build a rapport with the juniors to develop a good community which will help us to co-ordinate well in the events hosted by our department.

Workflow:
Part01: The proposed event start with the introduction about the concept of " what is the importance of participating in the intercollegiate tech-fests ",which was taken over by 3rd semester student Nischal.S He started the concept by sharing his own experience of being part of different college fests such as MSRIT, MountCarmel, Christ University.

He also shared the most popular events such as Coding &Debugging, ITQuiz and Web Designing etc. and what kind of skills one can exercise by participating in them, for each of these events he proclaimed the relevant requirements and presented them to the students, who wanted to solve the problem curiously, also gave the importance of problem solving and analyzing the problem in different dimensions, following that he gave them the importance of placements by introducing the online placement contest started by linkedin called "LinkedIn Placements" and took them to a detail process of how to get started to that.

Part02: The part 2 was taken over by 3rd semester student Nadeem who started the session by giving them the importance Make a difference, how each and every individual should be different from others also to exhibit more knowledge than others, later he gave various aspects of different elements such as opportunity, plan,

approach, effort, critical thinking etc. for each of these disciplines he took relevant examples and demonstrated them the importance of possessing these elements, later on he started to question some brain teasers to test the IQ of the students where the response from the students was amazing.

Stats of the Event: The proposed event was conducted on 15thoct 2016 during the session 2:30PM-4:15PM in the Room NO.A005, the turn up for the event was 80 students comprising of SEC 'A' and SEC 'B' of MCA 1st year.
Outcome: The response from the 1st year MCA was great ,the session had a positive impact on them, most of the were curious as the session moved on, they displayed a good character in understanding the importance of the event also most made a good attempt to answer the question.
We as a part of the event wish the entire MCA 1st year a best of luck for their future endeavours.

Open Forum
"All of us do not have equal talent. But , all of us have an equal opportunity to develop our talents." - A.P.J Abdul Kalam
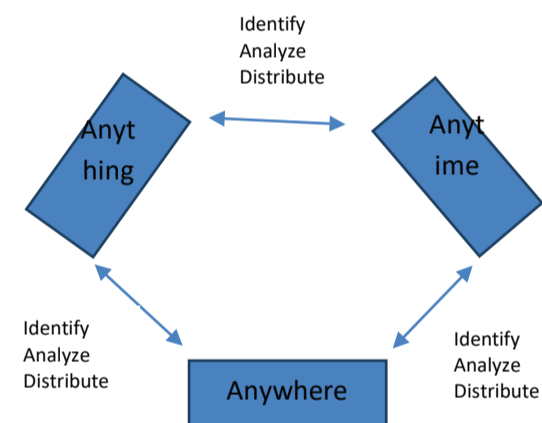
IOT

IoT – The technology buzzword of the internet has gained attention among researchers, scientist, engineers, software developers, academia and much more professionals over the years for its effectiveness and increased use in many applications. IoT technology enables communication among real world objects to interact in an intelligent way. In turn, IoT is all about connectivity and automation that require intelligent algorithms to make the smart objects work together. The possibility the IoT brings to human is endless. It is a combination of two distinct set 'Internet' and 'Things'. It works the similar way the nodes in the internet work. In turn, IoT is called the next evolution of the internet. This enable users and nodes not only share information provided by human and data stored in databases but also information provided by things in physical world. The concept of IoT allows physical objects or things around us to interact with each other in an intelligent way with the aid of key elements like Radio-Frequency Identification (RFID) tags, processors, sensors, actuators, WAN, W-LAN etc.,with minimal human intervention.
British technologist Kevin Ashton first coined the term "Internet of Things" - IoT in the year 1999. Since then, it has gained huge attention with the innovation of smart things or physical objects such as mobile phones, wearable stuffs etc., and techniques such as embedded and ubiquitous communication, pervasive computing, cloud computing and data analytics.
There is no single or universal definition of IoT. IoT refers to scenarios where network connectivity and computing capability extends to objects, sensors and everyday items and allowing these devices to generate, exchange and consume data. Everyday objects or things refers not only to electronic devices or technological developments but it also include things that we do not imagined of electronic at all such as food and clothing.
IoT enables things from anywhere and at any time to have connectivity for anything to gather, analyze and distribute among them. CISCO forecasted that the number of everyday physical objects and devices connected to the internet in the year 2010 was around 12.5 billion, and is likely to be 30 billion in 2016 as the number of smart devices per person increases and to 50 billion by 2020.

With increase in smart objects and things, the use of IoT is widespread in many context ranging from home automation in domotics,industry automation in business sector to disaster/emergency control management in government projects.

Behind the Scene

'New Horizon Bytes' is for you and by you. Write-ups, photographs, illustrations and feedback are welcome from students and faculty of NHC-K, NHPUC, NHC-M, NHCE and NH B.Ed. Please make them brief (maximum 300 words) and e-mail to nhbytes@gmail.com