



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

RAPIDSHARE

"A KNOWLEDGE GRANARY"

Volume: 4 Issue: 2

Department of MCA

Page No. :1/11

Message From Head,

Welcome to the September 2018 edition of **RAPID SHARE**. This exciting edition showcases on various events organized in the Department of MCA. Few glimpses are highlighted here on our students' participation at department level activities and Co-curricular activities.

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Message From Editor

The **RAPIDSHARE** newsletter is just one of the tools of this MCA course to connect with our students. It is intended at all the students with significance in maintaining unity and integrity. So, hopefully most of the students will be able to learn various new things by means of sharing their experience and expertise.

In This Issue

Vision & Mission	2
Workshop on Python	2
Teacher's Day	3
Expert Lecture	4
Guest Lecture	4
Industrial Visit	5
Art Show	5
Workshop on .NET	6
Selenium Workshop	6
Spring Boot	7
Ganesha Chaturthi	7
Sargam 2018	8

Why **RAPIDSHARE** ?

RAPIDSHARE - This News Letter is published in every month for exhibiting the current trends in ICT as well as to portray the activities of students and faculties of MCA Department, NHCE. This is for igniting the younger minds with a Knowledge Granary.

Stay Connected
with

RAPIDSHARE

Vision of NHCE

To emerge as an institute of eminence in the fields of engineering, technology and management in serving the industry and the nation by empowering students with a high degree of technical, managerial and practical competence.

Mission of NHCE

To strengthen the theoretical, practical and ethical dimensions of the learning process by fostering a culture of research and innovation among faculty members and students.

To encourage long-term interaction between the academia and industry through the involvement of the industry in the design of the curriculum and its hands-on implementation.

To strengthen and mould students in professional, ethical, social and environmental dimensions by encouraging participation in co-curricular and extracurricular activities.

Quality Policy of NHCE

To provide educational services of the highest quality both curricular and co-curricular to enable students integrate skills and serve the industry and society equally well at global level.



Becoming A Python Charmer

A Workshop on Becoming A Python Charmer was organized by Adobe Creative Tech (ACT) Club, Department of MCA, NHCE on 4th September 2018. The speaker of the session was the student coordinator of ACT Club Mr. Mohammed Yasin, 5th Semester MCA, NHCE.

Objective of the Workshop:

- To provide the students from MCA and BCA department an insight into the amazing world of python programming
 - To help the students understand the web based applications of python programming
 - To give the students an opportunity to learn the basics of python with a live demonstration and hands on experience to see how easy and versatile python programming can be
- The workshop began with an insight into the various aspects, features, uses and applications of python programming. The session was then concluded by informing the students on the packages like Django, Pyramid, Flask and Bottle frameworks that they would need to refer for web application development and management of server-side requests of various users.

Outcome:

- The students were given an insight into the various applications of python in various fields
- Many of the students developed a high interest in exploring and learning more about python
- All of the students who attended the workshop received hands-on experience on using python and the versatility of python along with how simple it can be to code with python effectively

Vision of MCA Department

To be the source in bringing Competent Computing Professionals, Innovators, Researchers, Entrepreneurs and Leaders to serve the Industry, Nation and Society.

Mission of MCA Department

To provide world class computer education and cultivating technical skills to meet the challenging global needs and emerging trends in the industry.

To enable students in acquiring strong academic skills and enhance knowledge towards innovation in research and development.

To inculcate the professional behavior and leadership qualities with ethical responsibilities for the betterment of the society and empower them to become entrepreneurs.

Quality Policy of MCA Department

To impart excellence in education and make students to be successful, ethical, effective solution providers and life-long learners who will contribute positively to the economic well-being of our nation.



Teachers' Day Celebration

On the occasion of Teachers' day celebration which was held on September 5th 2018, around 14 Faculties were honoured by Our Chairman, Dr. Mohan Manghnani. The function was organized in Auditorium with a welcome Address given by Dr. C S R Prashanth, Dean Academics, followed by the Award distribution and concluded with the Vote of thanks by Dr. Bodhisatvan, Principal of NHC. In recognition of Long Service, three Faculty members of MCA Department received Service Award 2018. Dr. Asha V, Prof. S. P. Sreeja and Dr. A. P. Nirmala who have been working in our institution for 19 years, 17 years, 11 years respectively, were awarded with an appreciation Certificate and Memento for their Passion, dedication and contribution rendered to New Horizon College of Engineering.

Teachers' Day Celebration by the Students of MCA

True teachers are those who help us think for ourselves'
-Dr. S. Radhakrishnan

It was an auspicious day for students, to celebrate Teachers' Day which marks the birth of the great teacher Sarvepalli Radhakrishnan. On 5th September 2018 Teachers' day celebration had taken place in our department of MCA. Cultural programmes were organized by the students, major attraction of which was a decorations and arrangements by students of MCA. As a token of love and respect our MCA students have arranged for few games and events for their teachers. It concluded with a 'thank you note' delivered by a student representative, marking the importance of teachers.

Student Co-ordinator: Prathik, 3rd Semester MCA





Expert Lecture on Machine Learning

An expert lecture session was hosted on 8th Sep. 2018 for 5th Semester MCA students with the theme being Essentials of Machine Learning Concepts Using Regression. The Expert lecturer for the session was Mr. Pravin Kumar Sinha, Senior Software Engineer, Hortonworks.

The Core Discussion of the session was on Linear and Logistic Regression techniques in Machine Learning for prediction. Mr. Pravin delivered an inside view of linear and logistic regression types right from the basic concepts of statistics moving further to building a prediction model. Sample datasets were given as examples using regression mechanisms.

The session was interactive and the doubts raised by the students were nicely addressed and clarified by Mr. Pravin. He discussed about the real time examples and scenarios where Machine Learning regression techniques are implemented and used efficiently in various real time predictions.

Faculty Co-ordinator:
Prof. B Nithya Ramesh

Lecture on Search Engine Optimization

A guest lecture was conducted by the Department of Master of Computer Applications for the Fifth semester students on 8th Sep on 2018, on the topic Search Engine Optimization. The guest speaker of the day was Mr. Pravin Kumar Sinha, Senior Software Engineer, Hortonworks.



Objectives of the Session:

- To help the students to take their first step into Search Engine Optimization with an introduction to the basic concepts
- To provide the students with an opportunity to understand the concepts of Keyword Analysis and the usage of Keyword Tools.

Mr. Pravin discussed about the real time examples and scenarios for the Search Engine Optimization to get the web pages ranked No.1. He has highlighted the usage of WordPress, WordTracker and given few examples using these mechanisms.

Outcome:

- The session provided an in-depth introduction to the basic concepts of Search Engine Optimization.
- The students had their questions answered over the important concepts of Keyword Analysis to Rank the WebPages
- The students were also provided with an insight into the usage of Keyword Tools.

Faculty Co-ordinator:
Prof. Sreeja S P



Industrial Visit to CDAC

An Industrial Visit has been arranged by the department of MCA on 11th September 2018. The 3rd semester MCA students were given the opportunity to go on an Industrial Visit to "CDAC - Centre for Development of Advanced Computing" at Electronic City - Phase I, Bangalore.

At CDAC, Ms. Akanksha Gupta has taken a session on the topic "IETF - Internet Engineering Task Force" and "IREF - Indian Internet Research Engineering Forum".

Key Points of the Presentation:

- Brief Description of CDAC
- About IETF - Internet Engineering Task Force
- About IREF - Indian Internet Research and Engineering Forum



It was a pen and paper quiz in which, the team members had to find the given tagline belongs to which brand, product or company. Each team was given a set of 20 questions with a time limit of 10 minutes. From the first round, 13 teams were selected to next round.

The second round named 'RIP-ROARING' was also a pen and paper-based event and each team were shown 20 logos. The participants had to remember the logo and after seeing all the 20 logos, they need to write it down in the paper in the same order as it was shown within 5 minutes time.

There were 5 teams that made up to the Final round named 'CREATIVITY @ IT'S BEST', where each team was given certain description. The teams need to design a logo and they can make use of any designing tools such as Adobe Photoshop or they can draw on sheets. The time limit for the final round was 10 minutes. Few of the teams preferred doing it with pen and pencil, finally based on the creativity shown on the art, winners were selected and prizes were distributed.

First Prize: Karthik & Hari Haran,
from 1st Year BCA

Second Prize: Mohan C & Shiva Darshan,
from 3rd Year MCA

Faculty Coordinator:

Prof. Kavitha S N



Art Show

An event titled "Art Show" was organized by EDAP Club of MCA department, for all the branches of NHCE on 12th September 2018. The main objective of this event is to enhance and improve the students' knowledge on e-designing tools and provide a platform to show their creative minds with innovative ideas.

The event started off with the first round named 'PICK ONE'S BRAIN', where 32 teams participated.

Workshop on .NET Applications

A hands-on Workshop on .NET Applications was organized by MCA department on 18th September, 2018 for 5th Semester MCA students. The session was presented by Mr. Sharath, Senior Consultant, Suventure Services Private Limited and he is also an Alumni of MCA department.

The objective of the event was to introduce students to Visual Studio, to provide some guidance on how to develop a project using Data Base Connectivity in C# .NET.

The session began with an introduction to database connectivity in C# .NET, Mr. Sharath gave brief information about Visual Studio and different versions of it. He explained about Databases on various platforms including SQL, Oracle, MongoDB etc. The speaker also discussed about the tool Visual Studio along with C# .NET which helps in developing small scale and large scale applications.

Faculty Co-ordinator:
Dr. Asha V



Workshop Titled – Software Testing Through Selenium

A hands-on workshop was conducted by the Department of Master of Computer Applications for the Fifth semester students on two days i.e. Sept 19 and 20, 2018, on the topic "Software Testing through Selenium".

The resource person of the session was Dr. Anbunathan. Currently, Dr. Anbunathan is elected as Vice-chairman (2018-19) cum Chairman-Elect (2019-20) for Computer Society of India, Bangalore chapter. He is a visionary with the mission of conducting trainings related to Industry 4.0 technologies such as AI, Blockchain, IOT etc.

The objective of the session was to make students understand the importance of software testing and especially how automation testing is performed with the selenium tool and to provide a hands-on session in automation testing with the latest selenium tool i.e. the selenium web driver.

Initially, the resource person made the students understand why automation testing has become important in today's world. He highlighted the importance of the Selenium architecture and how it forms as a basis for software testing today.

This was followed by a hands-on session on Selenium tool i.e. how to use locators, ide etc.. Apart from this, he also showed how selenium applications can be tested across different browsers and operating systems.



The hands-on session was conducted for two hours. The first hour was the theoretical aspect when the expert introduced software testing and its importance in automation.

The students found this session a bit interesting and useful since they are learning this for the first time in their MCA course.

The best thing was the students were very interactive and also answered many questions put across by the expert.

The hands-on workshop provided an in depth introduction to software testing through selenium. Several questions the students had in their mind about software testing were answered. The students understood the primary differences between Manual testing and Automation testing and also the architecture of selenium.

Faculty Coordinator:

Dr. K.G. Madhwaraj

Seminar on SPRING BOOT

A Seminar on "SPRING BOOT" was organized by FOSS CLUB of MCA department, NHCE on 26th September 2018. Students from other departments also have been invited to take part in this session.

The main objective of this session is to provide opportunity for students to enhance and improve their knowledge on spring framework by learning new concepts.

The speakers of the session were Mr. Raghu. C, Technical Lead at Societe General and Ms. Nivedha, Software Developer at Verizon Wireless. The speakers of the session explained on how the simple java project can be created using those techniques with examples.

Faculty Coordinator:

Prof. N Thrimoorthy



Ganesh Chaturthi Celebration

The students of NHCE celebrated Ganesh Chaturthi with great pomp and gaiety. Ganesh Chaturthi is celebrated as the birthday of Lord Ganesh, the son of Lord Shiva and Goddess Parvati. The festival is also known as Vinayaka Chaturthi.

Ganesh chaturthi celebration held at New Horizon College of Engineering, Bangalore on 17th September 2018. There was a huge celebration all over the campus on that day. After the Homa, Prasada was distributed to all the staffs and students.

After the immersion of Ganesh everybody misses him with heavy soul. But sadness never longer, next year Bappa will come again.



SARGAM 2018

SARGAM 2018
A STATE LEVEL INTER-COLLEGIATE CULTURAL FEST
28th & 29th Sept 2018

Theme: **Krishna Leela**
Mughal of the Plate

Price: ₹ 10,00,000
Mega Event: **Krisnavatar**
Price: ₹ 1,00,00,000

Activities:
Play Show (Group)
Mime (Group)
Singing (Group)
Fashion & Photography
Short Movie Making
Model Pageant
Quiz
Painting

Activities:
Street Dance (Group)
Music Quiz
Battle Of Bands
Contemporary Dance (Group)
Street Play (Group)
Computer Gaming
Poetry Writing
Talent Hunt
Spot Light

Contact No: 9525770645, 9882242340, 9960070792
www.newhorizonindia.edu/sargam18

SARGAM 2018 is a state level inter-collegiate cultural fest presented by the prestigious New Horizon Educational Institution in Bangalore on 28th & 29th September 2018. It is a cultural extravaganza, providing a platform for young and creative minds, to bring out their hidden talents in a spirit of healthy competition.



For the Sargam 2018, decorations at New Horizon College of Engineering were in line with the theme "Krishna Leela, which had set the mood, framing the emotion and underscoring the importance of the event. Colors were chosen and established for the event in keeping with the theme, in sync with promotional materials, advertisements and floral arrangements, tying the whole together into a feast.

The Colleges participated in the much awaited mega event titled "KRISHNAVATAR". It was undoubtedly an extraordinary act performed superbly well, totally in sync with the background music and in keeping with the "Krishna Leela" theme. This unparalleled and incomparable show was entirely of the students, for the students and by the students.

Juke box was a wonderful opportunity for all the students from various colleges to explore a multitude of creative practices from dance to fashion and much more, each and every student enjoyed this event.

Sargam saw a record breaking crowd of thousands of students from different colleges all around Karnataka who witnessed this grand spectacular show. Thousands of participants enrolled in varied competitive events. Every event had a maximum number of colleges and collegians participating. The eagerly awaited announcements of winners of the events were greeted by loud cheering and clapping and thundering rounds of applause from the students and audience. But the leading who stole the thunder at SARGAM 2018 was none other than our very own New Horizon College, Kasturi Nagar.

The 2nd evening show was stolen by Kakkar sister's Live Concert and DJ Zaeden. Sukriti Kakar and Prakriti Kakkar are twin sisters, playback singers and performers. Sargam 2018 is completed with a grand success. Congratulations to everyone who have supported directly and indirectly to make this event extra entertaining, Extraordinary and Extravagant!!!



Articles by the students

Golden Silence

They say silence is Golden,
I believe it to true,
Because in that Golden
Silence,
my thoughts occur of you
You are the flame in my candle
that lights the darkness of my room,
you are the scented flowers
that makes my heart full bloom.

You are the butterflies
that flicker in my stomach all day long,
when I know I will be holding you
before my day is done.

You are the stars that
shimmer and shine,
You light up the skies above
In this Golden Silence
it's truly you I love.

You are the thunder of the night,
your lightning strikes whenever,
Into my soul that makes me whole,
and excites my heart forever.
You are my paradise,
my oceans wide,
My mountains standing tall
So in this Golden Silence
I love you most of all.

by:

Ronald Robison 3rd Year MCA
1NH17MCA84

Wonderful Life...

Back Benchers

Just as dance seems to lack something without music, definition of a classroom too is incomplete, if there is no mention of the back benchers they form the care group in the class in fact,

their presence makes the classroom more interesting and worth attending. They love playing pranks and the word 'seriousness' does not exist in their dictionary. They are the source of constant irritation and laughter in every class. They bring life and charm to the class.

They are wonderful, precious, who ask the most awkward questions and have knowledge about everything, under the sun except the subject in question. They love to direct the attention of their fellow beings in the class. They are brave soldiers who accept punishment given by the teacher for naughty, fantastic, but for them, even shame is not an issue.

The back benchers decide whether the class will study or not. They dive the teacher and the class becomes crazy without them, the class feels empty and if they are not in the class, it seems difficult to tolerate them. Front bench students believe strongly that a classroom is meant only to study, back bench students argued that there is more in life than just study, study and more study. They strongly believe that you can learn more if you enjoy more. It is never true that only students from first bench would come up in life and back benchers will be left behind! Remember just one thing our late Dr. APJ ABDUL KALAM was a back bencher! AFTER ALL!...BACK BENCHERS...!

by:

Swetha Nagaraj 3rd Year MCA
1NZ16MCA06

SKETCHES



ANTONYMS

Plentiful	:	Sparse
legislation	:	Repeal
Bonanza	:	Loss
Portent	:	Presage
Scarcity	:	Abundant
Optimist	:	Pessimist
Right-side-up	:	Upside-down

SYNONYMS

Cohesive	:	connected
Deterioration	:	adulteration
Recalcitrant	:	stubborn
Doctrine	:	philosophy
Gargantuan	:	tremendous
Baffle	:	confuse
Turbulent	:	Violent

*Contribute to **RAPIDSHARE***

We invite all MCA students and faculty members to contribute articles to the subsequent issues of RapidShare. The articles can be either technical or general depending upon your field of interest. All submissions have to be under 500 words. Please submit your articles to the student editors (see front page) with your name, department, year of study (designation in case of faculty members). If you want your achievements and activities to be highlighted in this newsletter, please get in touch with your respective faculty and student coordinators (see front page).

Feedback

The Editorial Board requests all readers to provide their valuable feedback regarding the content and design of the newsletter. New ideas regarding columns and content will be appreciated.

Disclaimer

Utmost care has been taken while developing content for the newsletter. Any incorrectness of data or information is purely inadvertent and incidental. All contributions could not be accommodated due to space constraints and other factors. All contributions are in our database and we will try to incorporate them in future issues. The Editors also wish to inform the readers that this newsletter is for internal circulation only.