

NEW HORIZON

COLLEGE OF ENGINEERING



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RAPID-SHARE

"A Knowledge Granary"

A Monthly Newsletter from Department of Master of Computer Applications

Volume No.:3, Issue No.: 3

March 2017

Message from Head,

Welcome to the August 2016 edition of **RAPID-SHARE!**. This exciting edition of August month showcases the MIS Report, eNHance , Industry, Seminar and Workshop Reports, Synonyms and Antonyms.

Dr.V.Ilango

Head, Professor- MCA, NHCE

Message from Editor

The **RAPID-SHARE** newsletter is just one of the tools of this MCA Course o connect to our students. It is aimed at all students with an interest in maintaining unity & integrity and hopefully will be able to learn something new and share their experiences and expertise. Each issue will have a focus, and this issue focuses on the eNHance , Industry, Seminar and Workshop Reports, Synonyms and Antonyms.

Prof.S.P. Sreeja

Professor-MCA, NHCE

Stay Connected with

RAPID-SHARE

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Why Rapid - Share?

The **Rapid-Share** Newsletter is published every month for exhibiting the current trends in ICT via staff, students and alumni and various activities of our MCA Department. Igniting the younger minds with Knowledge Granary.

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Latest Updates...

Yukthi v2.0 is Scheduled on **20th April 2017.**

VISION OF NHCE

To achieve total quality in education and excellent knowledge management through specific, measurable, attainable, relevant, time – bound goals and continuous improvement methods.

MISSION OF NHCE

To mould our students into a holistic personality accomplished in emotional, moral, intellectual, social and mental capabilities besides inculcating a capacity for critical and lateral thinking.

GOAL OF NHCE

To adhere to the reputation of being able to channel our human resources and guide the transformation process of every individual’s dream into a reality.

QUALITY POLICY OF NHCE

To provide education services of the highest quality both curricular and co-curricular so that our students can integrate skills and serve industry and society equally well at the Global level.

**MIS – Report for the Month of
March 2017**

NEW HORIZON COLLEGE OF ENGINEERING											
MIS Report for the Month of March 2017											
Guest Lectures, Conferences, Workshops, Symposia, Feet, Industrial Visits etc											
S.No	Date	Dept	Program	Topic	Conducted by	Designation	Company Name & Address	Semester	No. of Students	National / International	Sponsorship Details
1	13.3.2017	MCA	eNehruv 2017	IT Feet	Mr. Prithvishankar M	Software Professor	MCA NHCE	II & IV	300	National	NHCE
2	11.3.2017	MCA	Guest Lecture	Website Development	Mr. Pavankumar	Software Designer	Korve India, Polimkeda	II	50	National	NHCE
3	14.3.2017	MCA	Guest Lecture	Project Development using DS	Mr. Franklin	Assistant Professor	NHC-M	II & IV	50	National	NHCE
4	16.3.2017	MCA	Guest Lecture	Project Development using DS	Mr. Franklin	Assistant Professor	NHC-M	II & IV	50	National	NHCE
5	21.3.2017	MCA	Industry Expert Lecture	Cloud Computing	Mr. Sheeth	Senior Consultant	Silverora Services	IV	150	National	NHCE
6		MCA	Industry Expert Lecture	Introduction to Servlets	Mr. Pravin Chitva	Software Developer	...	IV	150	National	NHCE
7	26.3.2017	MCA	Workshop	WordPress	Mr. Deepak	Website Designer	NHCE	II & IV	120	National	NHCE
8		MCA	Industry Expert Lecture	Android Workshop	Mr. Akshay	Developer Android O/S	...	IV	150	National	NHCE

VISION OF MCA DEPARTMENT

To impart quality education and knowledge, necessary to transform students from novice to professional in the field of IT and ITES with a research-oriented approach

MISSION OF MCA DEPARTMENT

To nurture students with a holistic approach, to inculcate knowledge, expertise and attitude with the ability to think critically, rationally and innovatively

QUALITY POLICY OF MCA DEPARTMENT

To impart excellence in the art of education both curricular and co-curricular, as a result of which our students learn to blend technical proficiency and humanity in serving the industry and society equally well at the global level

Workshop attended by Faculties and Awards Received

S.No	Date	Dept	Name	University	Topic	Remarks
1	15.3.2017 to 17.3.2017	MCA	Mrs. B. Nithya	Infosys	Machine Learning using R	Nil

Paper Presentation or Book Publication Details of the Faculties

S.No	Date	Dept	Name of the Staff	Title of the Paper/Book: Published/ Presented	Name of the Journal/Conference/Events/Publisher	Vol No. /SI.No./ pp. / ISSN No. / ISBN No.	Name of the Publisher	Month and Year of Publication	Remarks
1	18.3.2017	MCA	Dr. B. Chinnaiyan & Mrs. Nithya	Conjuring Energy and Time delay Factor to model Reliability of WSN	IEEE Xplore Digital Library	-	IEEE	March 2017	NIL
2	7.3.2017	MCA	Dr. B. Chinnaiyan & Mrs. Swarnamangli	IoT based Security Guard Service System	Tech/Conf 2017	-	Garden City College	March 2017	NIL

Dr. V. Ilango
Professor & Head - MCA

eNHanCE'17 Report

eNHanCE is a flagship event held to provide an opportunity for the students to showcase their talents/skills, since 2012. The overall intent of eNHanCE is to set up an eco-system which enables the candidates from reputed colleges to engage themselves in intellectually challenging events and also complete in various cultural events and to provide a platform for the youth of the community who are techno-savvy students to showcase their hidden talents, which can justify the role of being among the best and qualified professionals in the various fields available to them. Competition is something which graces the occasion with an intent to bring the best out of the everyone and to describe what standard and quality means and also to regulate the code of conducts of mastering the technological standards and create awareness to explore the best in the business. The present abstract is an attempt to highlight the glorifying and scintillating moments which took place during the grandeur mega National level IT fest entitled "eNHanCE" with the Tag line "**exploring hidden talents**", with an attempt to hunt the best talent in and across the country on technological prospects.



In order to encourage creative thinking hosted by the department of MCA eNHanCE 17 went down to the floors on 31st march 2017. There were a handful of mind boggling technical events planned such as:

- **IT Manager:** IT manager is an event conducted to help the students face a situation similar to a tough interview. Constructive criticism is also provided as a feedback to inform them of the aspects that have to be improved.
- **Tech-Traffic:** Tech-Traffic helps the students improve on their speaking skills and provides an opportunity to better handle being in the spotlight.
- **Tech-Worms:** Tech-Worms is a quiz competition that tests the knowledge of the students along with logical thinking and adaptability.

- **Netizen:** Netizen is a web development competition which tests the web aptitude of the students as well as their skill on how efficiently they are able to develop a basic web design.
- **Crackathon:** Crackathon is a coding event in which the coding skills and aptitude in various programming languages are put to the test.



In order to retain the cultural and sporting reverence a couple of events were in action to get the best out of sporting professionals:

- **Quick Fingers:** Quick Fingers is a gaming event held which included a team game which helps the students learn about working together to achieve a certain goal.
- **LOST Hunt:** Lost Hunt is a race to be the first to decipher all the clues and find the treasure. This event tests the ingenuity and out

of the box thinking of the students.

- **Dance-It-Out:** Dance-It-Out is an event which provides an opportunity for the students to relax and enjoy themselves doing something they love to do.
- **Mock-Rock:** The motive of this event is to allow to the students to show their creativity by asking them to make a choreography to a song to make a parody.
- **Gally Cricket:** Gally Cricket is a sporting event held to just let loose and help the students remember their childhood to let loose and relive stress.

In order to have a professional tie up with the student community and institution a set of publicity stunts were planned and initiated by the eNHance'17 core committee and associates.

On 27th March 2017, there was a rally taken out during the lunch break by the students, encircling the whole campus twice while carrying the posters of eNHance, one student's face was painted white and used a canvas to enthusiastically promote the IT fest hosted by the department of MCA "eNHance'17".



On 30th March 2017, the students got together at 4:00 PM and performed a Flash Mob to further promote the prestigious fest eNHanCE'17. Both of the promotional strategies were a huge contributing factor to the grand success of eNHanCE'17.

The event “eNHanCE'17” began at 9:35 AM with the arrival of Mr. Mandar R Mutalikdesai, who is a Cognitive Computer Scientist and a Senior Managing Consultant at IBM (Chief Guest) and the students singing the invocation song followed by the Lighting of the Lamp, after which there was a welcome address given by Dr.V Ilango, HOD-MCA, following which there was a Motivational speech given by Dr. Manjunatha, Principal NHCE, then there was an intellectual seminar given by Mr. Mandar R Mutalikdesai. The events were then started. eNHanCE was graced with the presence of students from various colleges notably from PES University, Kristu Jayanti College, Dayananda Sagar College, M.S Ramaiah

College, R V College, Baldwin's college, Garden City University, Indian Academy College, Indo-Asian College, CMR IT, Al-Ameen Institute of Information Science. Participants were also from New Horizon College and various departments of New Horizon Engineering College. This year eNHanCE'17 has gained great success and fame among various colleges in Karnataka as well as numerous colleges in various states.



Next Year we plan on increasing the reach of eNHanCE a lot more and make it an even more successful intercollegiate fest by introducing various new events to allow the students to compete as well as have a good time participating in the various events. During the Valedictory function Overall Championship for winners trophy was handed over to PES University and the runners were New Horizon College- Marthahalli. Vote of thanks was given by **Prof. Krishnachandra M, Convener of eNHanCE'17.**

Abdul Afsar Baig W
IV Semester MCA

Industry Expert Lecture Report

Objective: The intention of the Expert lecture is to create a setoff which would allow the young New Horizonites to get equipped with the latest know-how in the field of Cloud Computing.

Course Coordinator- Prof. **A.P. Nirmala** introduced the **Industry Expert-** Mr. Sharath M, Senior Consultant, Suventure Service Pvt Ltd., on 21.03.17. He has begun the session by giving the benefits of cloud computing.

Highlights:

- Mr. Sharath M. has given an idea about cloud vendors as major players in the market: Amazon Web Services (AWS) stands in the 1st place, Microsoft Azure including the most number of datacenters in the 2nd and Google or Salesforce.com in the 3rd place..



- He has mentioned the models of cloud i.e. Deployment models (public cloud, private cloud, community cloud, hybrid cloud) & Service models (IaaS, PaaS, SaaS) with examples.
- He has given a demonstration and the roadmap on how to create an Azure websites by using 'C#' language with an Azure Search Demo.
- He has also elaborated with a working procedure of Google App Engine, Google File Systems, Amazon Simple Storage Service (S3), MapReduce & Hadoop with examples by using NoSQL, Google Cloud SQL, Python and BigTable.
- He has shown the programming on Amazon EC2 (Elastic Cloud Computing) which has standard instances, macro instances, high memory instances and CPU instances.
- Lastly, he has shown a demo of AWS Simple Monthly Calculator by using public AMI, private AMI & paid AMI.

Conclusion: All the students of 4th semester were actively participated in the session and were benefited by knowing the importance of public

services in the era of cloud computing and the practical knowledge on how to deploy in cloud using those services.



Mrinmoyee Ghosh,
IV Semester MCA – ‘A’ Section

Seminar on Project Development Using Data Structures

Resource Person: Prof. S. Sathya Franklin

Faculty Coordinators: Prof. S.P.Sreeja and Prof. A.P.Nirmala

The department of MCA has organized One Day Seminar on “**Project Development Using Data Structures**” for II semester MCA students on 14.03.17 & 16.03.17. The objective of the seminar was to give an insight on applications of Data Structures concepts in real time projects.

Introduction:

Linear List is a linear collection of data items. List of values are linked together which stores n number of elements. Linked list allocates memory arbitrarily (randomly/dynamically)

Advantages of Linked list over Array:

- Effective memory utilization: linked list allocates memory dynamically whereas array is a static memory allocation.
- Effective insertion/deletion operations easy in linked list: In linked list data movement is not required when insertion or deletion takes place, whereas array required data movement.



Operations on Linked List:

- Traversing (visiting each node exactly once).
- Insertion (inserting a new node in the list)
- Deletion (deleting a node from the list)
- Sorting, Searching, reversing
- Length (number of nodes).

He has given an example on Creation of node and inserting data and link to the node. Finally he has provided a program from real time scenario and given enlightenment to the students to develop projects for real time applications. The seminar was wined up with the interactive session.

Amrutha E, II Sem MCA-‘A’,
Sanghamitra Nayak, II Sem MCA-‘B’

SYNONYMS**Workshop Report - ANDROBOTS****-Delving into Android**

A Hands on Workshop on Basics of Android Application development exam was hosted in the MCA department under the FOSS club banner. 2 Resource persons named "Sharath S and Vijay S" working with Suventure were invited to deliver the relevant contents. The Tally of students include a total of 110 out of Sections A , B and C. ProfJincy Mathews was Faculty incharge for the event. 3 days comprehensive workshop was Scheduled dated 24th,25th and 28th March 2017. The session was Divided into 2 slots Morning Slot From 9:30AM to 1:00PM and Afternoon slot from 2:00PM to 4:00PM. The session flowed in Across with ease with good synchronization between the Resource person and the Students. Various emerging concepts such as Developing Native App,and SMS integration was discussed in detail. Various networking concepts were dealt in the session which focussed towards developing location based access Application. The Session was one off the knowledge centric session here the ultimate gainers were the students.



**Prof. M Govindaraj, Prof. Jincy Mathew,
Prof. Siddegowda
Nadeem Akram** , IV Semester MCA

to convey	to communicate
to cope	to manage
correct	right
couch	sofa
crook	criminal
crusade	campaign
cube	dice
curative	healing
curler	roller
cussed	stubborn

ANTONYMS

inferior	superior
inside	outside
intelligent	unintelligent, stupid
inhale	exhale
interior	exterior, outside
interesting	uninteresting, dull
internal	external
intentional	accidental
join	separate
junior	senior

Contribute to Rapid-Share

We invite all MCA students and faculty members to contribute articles to the subsequent issues of Rapid-Share. The articles can be either technical or general depending upon your field of interest. All submissions have to be under 500 words. Please send your articles to e-mail address (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 in advertent 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 for internal circulation only.