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.: 4   April 2017

Message from Head,

Welcome to the April 2017 edition of RAPID-SHARE!. This exciting edition of April 2017 month showcases the Yukthi V2..0 Report, Launch of AEM Book, FOSS Club Report, Industry Expert Lecture, ALOHA Report, MIS Reports for the Month of April 2017 , R&D Publications of our Faculty Members, Synonyms and Antonyms.

Dr.V.Ilango
Head, Professor- MCA, NHCE

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RAPID-SHARE

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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 Yukthi V2..0 Report, Launch of AEM Book, FOSS Club Report, Industry Expert Lecture, ALOHA Report, MIS Reports for the Month of April 2017 , R&D Publications of our Faculty Members, Synonyms and Antonyms.

Prof.S.P. Sreeja
Sr. Asst.Professor-MCA, NHCE

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.

Latest Updates...
AViSKara is Scheduled on **13th May 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.

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

YUKTHI V2.0 REPORT

A One Day National Level Student Technical Symposium- Report The staff and students of Department of MCA organized a one day National level student technical symposium Yukthiv2.0 on 20th April 2016. The symposium was inaugurated by the chief guest Mr.Srinivas Vellagula, Project Manager , IBM, Bangalore . The programme was started with lighting the lamp and invocation song by students. Dr. V. Ilango , Professor & Head of MCA extended a warm welcome to all the students and faculty members. Dr. R. Chinnaiyan , the Convener of the symposium gave a brief note about Yukthi 2016 and Yukthiv2.0. Dr. Manjunatha, Principal, NHCE had presided over the function and gave the presidential address. In his presidential address, he expressed his views on our present academic system and Bloom's taxonomy.

He extended his address by explaining the importance of application of knowledge and skills for innovating new products for the welfare of the society with the various tools that they had studied during the course of study. He motivated all the participants to think out of their box use Yukthi for solving real time problems.

Dr.Prasanth .CSR, Dean Academics, Head CSE presented two case studies in Data Science and how Data Science is applied in the real time industrial scenario. During the inaugural session, the e-copy and hard copy Proceedings Yukthiv2.0 proceedings was released by the Chief Guest and the first copy of the proceedings was received by the Principal. The chief guest Mr.Srinivas Vellagula expressed his views on past, present and future scenario in Data Science . He extended his technical talk by explaining the use of data science. Resource Person Mr. D.Mathesh, CEO, MAS Data Technologies, Coimbatore was presented a technical seminar on " Data Science and Computer Applications in Water Management" . The second session started with paper presentation event in Falconry seminar Hall, NHCE. Over 199 Participants were registered for this mega event. There were around 70 papers were presented by the students in the areas of their Mini Projects. Mr.Venkarawalu Pokati, CEO, Vivilex Technologies and Mr.Mathesh.D, CEO , MAS Data Technologies evaluated the student papers. The symposium is ended with a Valedictory Function. Mr. Dinesh.D , CEO, MAS Data Technologies Private had given the valedictory address and distributed the prizes & certificates to the winners and the participants.

Yukthi-*v*2.0
Exploring the World of Computer Applications

A One Day National Level Student Technical Symposium
20ᵗʰ April 2017

BOOK LAUNCH ON AEM

Event: Book Launch

Date: 20th April 2017

Club Name: ACT CLUB

Venue: Falconry Seminar Hall

Time: 11:00 AM

The book made for Adobe Experience Manager titled "**Adobe Experience Manager v6.2**, A practioners guide" was launched at 11:00 AM in the graceful presence of the honorable principal Dr. Manjunatha, Dean-Academics Dr. Prashanth CSR, Chief Guests Mr. Srinivas Vellugula and Mr. D Mathesh, HOD-MCA Dr. V Ilango. The staff from MCA and CSE department namely, Dr. V Ilango Velchamy, Sivabalan N, Vandana C P, Govindraj M, Vishwanatha C R, Gangadhar Immadi, Kavitha S N, Vijay Kumar R. All of which had a direct contribution in the making of "**Adobe Experience Manager v6.2**, A practioners guide ". The teaching staff of MCA as well as the students of MCA were also present at the awaited launch of "**Adobe Experience Manager v6.2**, A practioners guide ".

The launching of "**Adobe Experience Manager v6.2**, A practioners guide" has been a process in the works for six months which came to fruition on 20th April 2017. The launch was a grand success, which was followed by the honorable principal talking about it and expressing his excitement and happiness at the launch of "**Adobe Experience Manager v6.2**, A practioners guide" by the department of MCA.

<div align="center">

FOSS Club Report

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ReEye on Data Minds

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Intent: To setup an eco-system which enables the young minds of New Horizon College Of Engineering Bangalore to get the best of the trending, emerging, open source software essentials on a hands-on basis. To give them the exposure into the real time analysis of analytics with best in class tools available over the market.

Purpose: We at **Free Open Source Software (FOSS) club** aim at the peak of this world to lead the rest of the beings. To do so, one must get the best of the knowledge to make a comprehensive difference among the others. FOSS intents to provide a hands-on platform to groom the aspirants into the latest world of software and upcoming booming technologies.

Artifacts: The present instance is an attempt to describe the highlights of a session hosted by FOSS club in association with Department of Master of Computer Applications. The session, titled "DATA MINDS" was organized in the Falconry hall on 22 March 2017 with the following essentials.

1. *Hands-on session on **Data Analytics using Power BI** was the theme for the session.*
2. *The event was presided over by **Mr. Ajay Agarwal**, Lead consultant Infosys Pvt. Ltd.*
3. *The event was initiated at Falconry seminar hall with the timings being 9:30 A.M to 4:30 P.M.*
4. *The session was composed of 3 slots, the first slot gave the basics of MS Excel, the second slot concerned on advanced concepts of Excel and the final slot comprised of the data analysis and representation format using Excel.*
5. *There was a huge positive impactful response from the students community as most of them turned up to grab the opportunity like never before.*
6. *To put up in numbers there a total of 131 students made visual appearance evolving from various avenues such as MBA, CSE, BE and MCA.*
7. *The students had their hearts out in conversation with the resource person.*
8. *There was a great sync between the students and the resource person.*

Culmination:

The intent of FOSS club is to setup a platform enabled to provide exposure over various open source software tools and conducting hands-on workshop to give the best of the emerging and burning software available over the current technological concepts. This is just a mere attempt to connect the aspirants to the best tools.

We will assure that we will host events in the coming days with high voltage concepts.

INDUSTRY EXPERT LECTURE

The Industry expert lecture has been organized by the Department of MCA, to the students of **4th Semester MCA A, B and C Section** on the topic "**ESSENTIALS ON PROJAVA**". The Lecture session was conducted on **25thMarch 2017** at lab from 9:30 Am to 1:00 PM.The seminar was held by **Mr.Pravin Sinha**, Principle member of technical staff in Oracle India private limited.

The session started with the formal introduction about the speaker by **Prathiba.A**, student, 4thsem B sec. **Mr.Pravin Sinha**, is currently working as a principal member of technical staff in oracle private limited. He has around 10 years of experience in software development. Now leading indexing and search team in India mostly working onbackend server development. And he also one of the aluminis of MCA, NHCE.

The session was started at 9.45am which includes:

- ➢ Started with mini project using Netbeans7.1.2 IDE

- ➢ About JAR file, HTML, and XML in bugging
- ➢ Methods of HTTP
- ➢ Difference between get and post methods
- ➢ Glassfish server
- ➢ Role of HTTPservletrequest and HTTPservletresponse

We had break of 5 min at 11.30am and we resume the session back at 11.35am which include:

- ➢ Session tracking and session bean
- ➢ Different ways of tracking the session
- ➢ Cookies
- ➢ How to redirect the page
- ➢ Servlet filters
  - Why we need servlet filters
  - Use of servlet filters
  - And advantages of servlet filters

With all these valuable information being discussed, the session was ended at 1.00pm. It was like on hands on workshop and students able to get knowledge on industry expert put together the session was outstanding, informative, interactive, efficient, content oriented and thoroughly had good Knowledge to be shared and receive by the students.

Faculty Coordinator Prof. Binoj M

Student Coordinator Mr.Vinod.Peddi,

IV Semester MCA

Report on GUEST LECTURE

Topic :- *BUILDING THE FIRST WEBSITE*

A lecture on "Building the First Website" has been delivered on 11th March, 2017 by honourable guest Mr. Pawan Singh, Senior Software Engineer @ Xerox India Pvt. Ltd.

The key points those were discussed are : -

- ➢ **What are the requirements** of developing a website?
- ➢ **Introduction :**
  Basic information, purpose of developing website.
- ➢ **Client-Server Architecture** :
  Diagrammatic representation of 2-tier Client-Server architecture consisting of three levels namely Client, Application Server, and Database Server.
- ➢ **Required things for website** are represented by four categories namely website, Web Hosting (dedicated/standalone), Domain Name, Uploading Software.

- ➢ **Basics for Designing** falls under three concepts, which are HTML (to define the content of webpage), CSS (to design the page) and JavaScript (to program the behaviour of webpage).
- ➢ **Simple Structure of Basic HTML**
- ➢ **Create your own Response Design :**
  There are two ways of creating designing pages, either we have to create our own response page or we have to use responsive style sheet.
- ➢ **Basic Project :**
  Demo of creating a small project using an IDE (Eclipse luna).

Faculty Coordinator Prof. Nithya Ramesh

Student Coordinator Ms. Ipsita Bhattacharya, II Semester MCA

Title: **Analysis on Load Balancing Algorithms in Cloud Environment**

Authors: A.P.Nirmala Naveen Kumar S.
Presented and Published in National Conference - TechXellence 2017 organized by Department of ECE and EEE at NHCE, held on 19th April 2017.

Abstract—The current generation is right now moved into Cloud computing. The cloud computing works on distributed systems, in which they share resources and provide the users with different kind of services. In-order to achieve smooth function of cloud computing, user should take care of balancing the load among several systems, which requires proper load balancing algorithms. This paper discusses on various load balancing algorithms with their classification.

ALOHA

Thanks giving & Farewell

It was an incredible day hosted and organized by class IV & II sem MCA students, to bid ALOHA (Farewell & Thanksgiving) for our seniors of VI sem MCA on 22nd of April 2017 in the college auditorium. This is to wish them a great future. The Program started at 11 O'clock, but before seniors enter the auditorium we collected their autograph and messages which made them very happy. Then the event was started by Lighting of Lamp from the seniors and a melodious welcome song was sang by students from IV sem MCA by praising the lord Ganesha. All the teachers of the department gave their wishes and blessings to the students of MCA III. Students of MCA I and II presented very entertaining group dance, solo dance and solo song performances. The audiences we very happy and encouraged the performances by giving a huge round of applause. Some exciting games were also arranged for the students of MCA III and were enjoyed by all and had lots of fun. A small gift was gifted to the students of MCA III as a token of love and appreciation by their juniors. In the last all seniors were brought to the dance floor and had a wonderful dance and enjoyed a lot on the day and finally a lunch was arranged to all the faculty members of the department and for all the students of the MCA.

Abdul Afsar Baig

4th Sem MCA

SYNONYMS

ardour	passion
arise	occur
aromatic	fragrant
to arrive	to reach
artful	crafty
association	organization
to assure	to guarantee
attractive	appealing
away	absent
awful	terrible

ANTONYMS

absence	presence
accept	refuse
accurate	inaccurate
advantage	disadvantage
alive	dead
always	never
ancient	modern
answer	question, query
approval	disapproval
approached	receded, departed

MIS – Report for the Months of December and April 2017

Guest Lecture, Conferences, Workshops, Symposiums, Fest, Industrial Visits etc

S.No	Date	Program	Topic	Conducted by	Designation	Company Name & Address	No. of Students attended
1	04-03-2017	Guest Lecture	VMWare Vsphere	Mr.Murali	Sr.Consultant	VMWare	43
2	04-05-2017	Workshop	Adobe inDesign CS 6	Mr.Srikanth Kamaraju	Project Manger	Adobe Systems	230
3	04-07-2017	Seminar	Understanding Data Evangelist in Data Science	Mr. Sambhav Kumar	CEO	Techieventurs	63
4	13/4/2017	Guest Lecture	Content Management	Mr.Srikanth Kamaraju	Project Manger	Adobe Systems	230
5	17/4/2017	Guest Lecture	Understanding essentials of AEM	Mr.Srikanth Kamaraju	Project Manger	Adobe Systems	230
6	19/4/2017	YukthiV2.0	National Student Technical Symposium	Dr.R.Chinnaiyan	Professor	MCA - NHCE	230
7	22/4/2017	ALOHA	Farewell Party	2nd & 4th Sem Students	NA	MCA - NHCE	426

Paper Presentation or any other achievements of Students

S.No	Date	Name	USN No	Title of the paper presented	Details of the place where the paper is	Achievements (if any)
1	20,21,22 April 2017	Abhishek Kumar	1NH14MCA02	Construction of Estimated Level Based Balanced Binary Search Tree	IEEE International Conference on Electronics,Communication, and Aerospace Technology	Published by IEEE Explore Digital Library
2	6,7,8th April 2017	Abhishek Kumar	1NH14MCA02	Estimation of Optimal Path in Wireless Sensor Networks based on Adjancy List	IEEE International Conference on Telecommunication, Power Analysis and Computing Techniques	Published by IEEE Explore Digital Library
3	Apr-17	Mr.Naveen	1NH14MCA50	Analysis on Load Balancing	National Conference -	NII

Paper Presentation or Book Publication Details of the Faculties

S.No	Date	Name of the Staff	Title of the Paper/Book: Published/ Presented	Name of the Journal/Conference/Events/Publisher	Vol No. /Sl.No./ pp. / ISSN No. / ISBN No.	Name of the Publisher
1	Apr-17	Dr.V.Ilango	Adobe Experience Manager V6.2	MCA-NHCE	Vol.1, First Issue , April 2017	MCA-NHCE
2	Apr-17	Dr.V.Ilango , Dr.R.Chinnaiyan, B.Nithya , Jincy C Mathew	Jnana Vichara	MCA-NHCE	Vol.2, Issue. No.1 April 2017	MCA-NHCE
3	Apr-17	Abhishek Kumar Dr.R.Chinnaiyan	Construction of Estimated Level Based Balanced Binary Search Tree	IEEE International Conference on Electronics,Communication, and Aerospace Technology	Conference Proceedings	ICECA 2017
4	Apr-17	Abhishek Kumar Dr.R.Chinnaiyan	Estimation of Optimal Path in Wireless Sensor Networks based on Adjancy List	IEEE International Conference on Telecommunication, Power Analysis and Computing Techniques	Conference Proceedings	ICTPACT-2017
5	Apr-17	M.S.Nidhya Dr.R.Chinnaiyan	Conniving Energy and Time Delay Factor to model Reliability for Wireless Sensor Networks	IEEE International Conference on Advances in Computer Applications	Conference Proceedings	ICACA-2016
6	Apr-17	M.Swarnamugi, Dr.R.Chinnaiyan	Outsourced Security Guard Service based on IoT	International Journal of Innovative Research in Computer and Communication Engineering	Vol.5, Special Issue 2, April 2017	IJIRCCE
7	Apr-17	Mrs.A.P.Nirmala & Mr.Naveen Kumar	Analysis on Load Balancing Algorithms in Cloud Environment	National Conference - TechXellence 2017	Conference Proceedings	TechXellence 2017
8	Apr-17	Mr.Binoj	Hospital Management	National Student Technical Symposium Yukthi V2.0	Symposium Proceedings	Yukthi V2.0

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.