



DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

RAPIDSHARE

"A KNOWLEDGE GRANARY"

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Department of MCA

Page No. : 1/7

Message From Head,

Welcome to the February 2019 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.

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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 faculty 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.



Alumni Talk

The session "Alumni Talk" was organized on 2nd February, from 10.15 AM - 12.15 PM at the Chanakya Seminar Hall. Mr Nadeem, currently working in Epsilon as a Quality Analyst was the Alumni (2015-2018 Batch) of the day from MCA department.

Dr. A.P.Nirmala, Faculty Coordinator has introduced the guest for the day, Mr. Nadeem. Our department's agenda has always been to grow parallel with the industry and thereby we have always been fortunate in calling the alumni of the NHCE who are working in best industries and companies for our events. Likewise, "Alumni Talk" has been given initiation by Mr.Nadeem. His motivating words and useful strategies towards cracking the interviews were really worth listening and appreciable.

The session ended with a vote of thanks and appreciation to Mr. Nadeem for taking the time out to educate the students in choosing their career. Dr. V.Asha, Head of the Department of MCA felicitated him with a memento. The students were interacted with the speaker even after the end of the session.

Outcomes:

- The students were motivated on how to prepare for the upcoming placements.

Faculty Coordinator:

Dr.A.P.Nirmala

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.



MOTIVATIONAL TALK

On 9th February 2019, the event "Motivational Talk" was organized by the department of MCA to enhance student's confidence and their interest to learn the emerging technologies.

The speaker of the session was Mr. Rama Krishnan Kandasamy who has experience in IT for more than 9 years. He is currently working in Cognizant Bangalore as a senior associate. The session was held over for 2 hours where the speaker presented the introduction and a brief insight into the upcoming technologies which are going to play a major role in the imminent future and also showed the path to achieve that.

Mr. Rama Krishnan explained the students about the importance of awareness regarding new technologies and the need to have basic knowledge of fundamentals of each subject and concepts that could be useful that could be asked for interviews in the companies.

The session was continued as he enlightened the students with his positive thoughts and immense knowledge about the present scenario of IT industry.

Ms. Eekshitha offered him the vote of thanks in the presence of honorable HOD of the department Dr. Asha V. A token of gift was offered to Mr. Ramakrishnan by Prof. Dr. K.G Madhwaraj

Outcomes:

The two hours session provided long insight towards the booming IT technologies and also the guidance was given for placement preparation.

FACULTY CO-ORDINATOR:

Prof. R. Prema

INDUSTRIAL VISIT TO NAL

On 21st and 22nd Feb 2019, An Industrial Visit to NAL was organized by the department of MCA to enhance student's knowledge on advance technology related to Computer Applications in Aeronautical Engineering. It was a half day visit by more than 150 students along with 4 faculty members. 21st Feb 2019 two batches of 4th semester MCA students visited and on 22nd Feb 2019 one batch of 2nd semester MCA students visited.

National Aerospace Laboratories (NAL) is responsible for design, development, and testing of aircrafts. It does have ACOUSTIC TEST FACILITY for the ready launch vehicle of Satellite. Mr. Somanarayanan was the SPOC for the visit. He took us to show case all the facilities at NAL. Our visit was carried out as per the given below details:

- | | |
|---------|---|
| 1.00 pm | 2' Trisonic Wind Tunnel |
| 1.45 pm | Acoustic test facility |
| 2.30 pm | HANSA Aircraft |
| 3.00 pm | Concluding Programmed at the Seminar Hall |



The first visit was for 2' Trisonic Wind Tunnel (TWT). It is a wind tunnel so named because it is capable of testing in three speed regimes - subsonic, transonic, and supersonic. Then we visited The Acoustic Test Facility (ATF). It was established under a CSIR, NAL-ISRO MoU, in the year 1986. The 1100 cu.m. reverberation chamber based facility was designed by NAL. An Acoustic facility simulates, the fluctuating sound pressure field experienced by the payload/launch vehicle during lift off and atmospheric flight in a reverberation chamber. Rocket blast creates large sound pressure: 100,000 times most powerful than normal speech. This can damage the payload and launch vehicle subsystems. The facility is capable of providing acoustic qualification of all of ISRO's space bound hardware with spectra conforming to MIL-STD 810G standards. Finally we visited HANSA Aircraft which was a real aircraft even used today.

Faculty Co-ordinators:
Prof. Vishwanath C R
Prof. Kavitha S N

- In computer science, a data structure is a data organization, management and storage format that enable efficient access and modification.
- More precisely, a data structure is a collection of data values, the relationships among them, and the functions or operations that can be applied to the data.
- Data Structure includes all topics such as Array, Pointer, Structure, Linked List, Stack, Queue, Graph, Searching, Sorting, Programs, etc.
- He explained all the types with real time examples. And he showed many C programs for implementing these types. Many C puzzles related to this topic are asked and students answered with interest.

CONCLUSION:

The session provided long insight towards "Data Structure" concepts and usages of tools to design. This session has impacted much on students to explore much more in this field.

Faculty Co-ordinator:
Prof. R. Prema

EXPERT LECTURE ON 'DATA STRUCTURE'

On 23rd February 2019, Time 9:00 am An Expert Lecture on "Data Structure" was conducted by Mr. Aswin Prabhu in New Horizon College of Engineering to increase the knowledge on it. It was held for students of MCA & BCA. To provide an opportunity about various upcoming technological trends and advancements in this field.



EXPERT TALK ON: MAGIC & MASTERY OF USER EXPERIENCE

On 2nd Feb 2019, Time 11:30 AM - 1:30 PM at Chanakya Seminar Hall the Expert Lecture on "User Experience" was conducted by Mr. Mohammed Yasin in New Horizon College of Engineering

The workshop began with an introduction of Mr. Md. Yasin given by Prof. Vishwanath C R, after which the session was handed over to Mr. Md. Yasin who began the talk by asking the students what they knew about what user experience was, he continued to explain about Experience by providing various examples.

He then continued the session by demonstrating a video of how an organization that sells facewash was able to increase their sales by providing a dispenser that pushes the lather out in the shape of a rose, which dramatically bolstered their sales compared to their competitors who used a regular mode of dispensing.



Md. Yasin then touched up on a very important concept of Human Computer Interaction, which deals with the design, execution, assessment of computer systems and related phenomenon that are for human use. He demonstrated that with an example of evolution of planes and the stress levels that increase with the number of gauges and more controls on the same panel which resulted in higher workload and stress levels for the pilots. Which led to the introduction and creation of the Sacred Six, which is followed in cockpit designs of all aircrafts today.

The Session was then concluded with a diagram for the cycle for the UX Design Process, lastly Md. Yasin then spoke about the important aspects in the industry today where businesses are moving towards and experience economy, many technologies are commodities, Build Fast to fail fast and learn, more features doesn't always translate to more user benefits. The session was then left open to the students for an interactive Q&A session where in the questions of the students were answered and their doubts were cleared.

Outcome:

- The students were been introduced to User Experience topic.
- The students were given an insight into the various applications of User Experience in the industry today.

Faculty Co-ordinator:
Prof. Vishwanath C R

Kannada Poem by Student

ಮೋಕ್ಷ

ಅರ್ಥವಿಲ್ಲದ ಹಾಡು,ಫಲವತ್ ಇಲ್ಲದ ಬೀಡು

ಕರುಣೆಯಿಲ್ಲದ ಹಿರಿಯ,ಗುಣವಿಲ್ಲದ ಸೌಂದರ್ಯ

ಎಲ್ಲವೂ ವ್ಯರ್ಥ ವೈಕರಿಗಳೊ ಮನುಜ

ಹಣ ಹಣ ಎಂದು ಅಲೆದಡಬೇಡವೋ ಮೂರ್ಖ

ಹಣದಲ್ಲಿಯೇನಿದೆ ಅದು ಬರೀ ಕಾಗಧದ ಮುಖ....

ಕರುಣೆಯ ಬಾಗಿಲು ತೆಗೆದು ನೋಡೋ ಮನುಜ,

ಅದೇ ನಿನ್ನ ಜೀವನಕ್ಕೆ ಆಗುವುದು ಕವಚ.....

ಸುಖ-ಸಂತೋಷಗಳನ್ನ ಹುಡುಕುತ್ತಾ ಹತ್ತಾರು ಧಾರಿಗಳೊ,

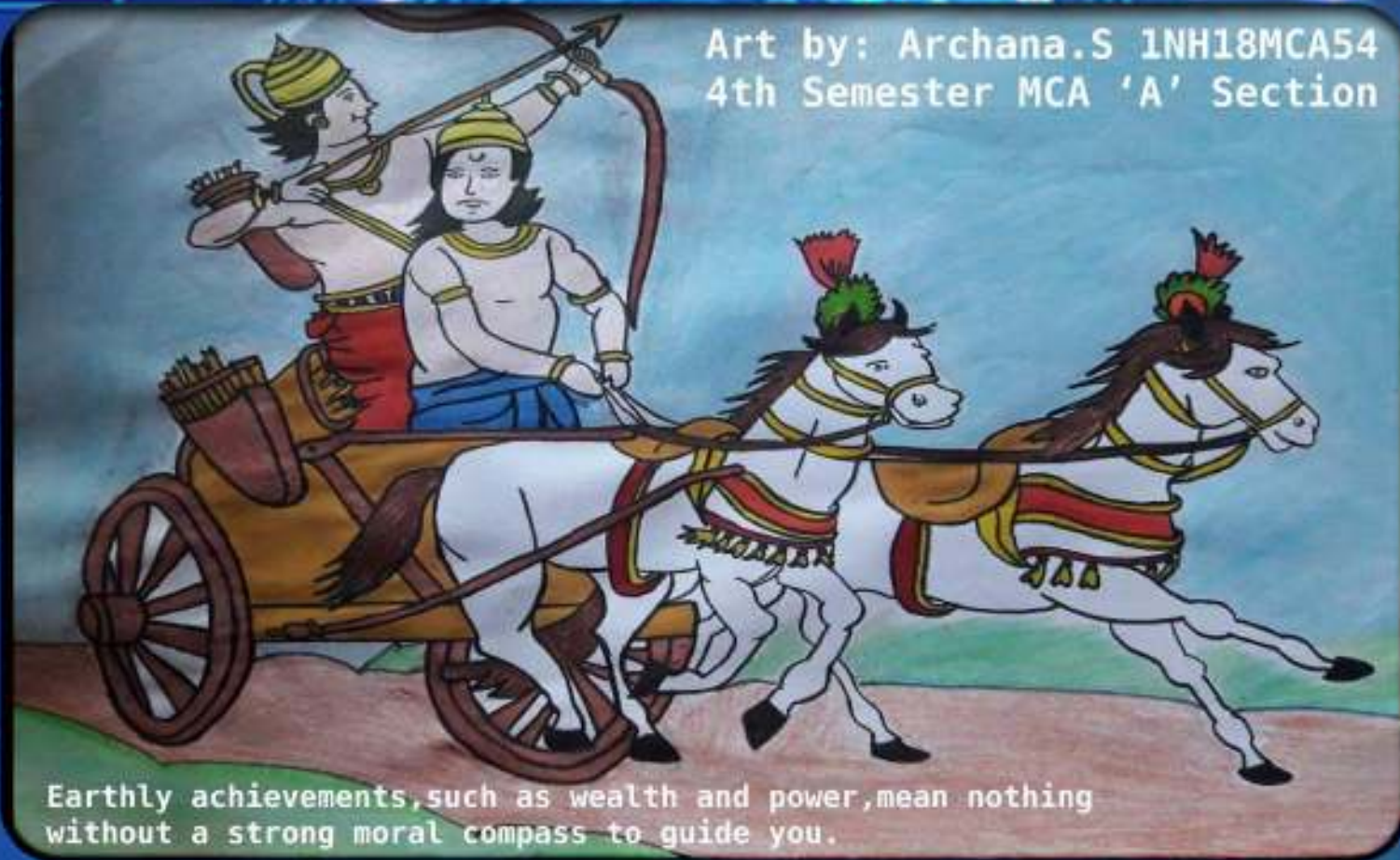
ಗೊತ್ತಿಲ್ಲದ ರಹಸ್ಯ ಅದು ನಿನ್ನಲಿಯೋ.....

ಮಣಿಕಂಠ.ಎನ್

By, MANIKANTA N

4th Sem 'A' Sec

SKETCHES



ANTONYMS

Camouflage	:	Reveal
Extravagant	:	Frugal
Expedition	:	Delay
Punctual	:	Tardy
Smile	:	Frown
Route	:	Detour
Summit	:	Bottom

SYNONYMS

Supercalifragilisticexpial- idocious	:	Magnificent
Commotion	:	Disturbance
Terraqueous	:	Amphibian
Soldier	:	Fearless
Resolute	:	Determined
Walk	:	Stroll
Bias	:	Mindset

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 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.