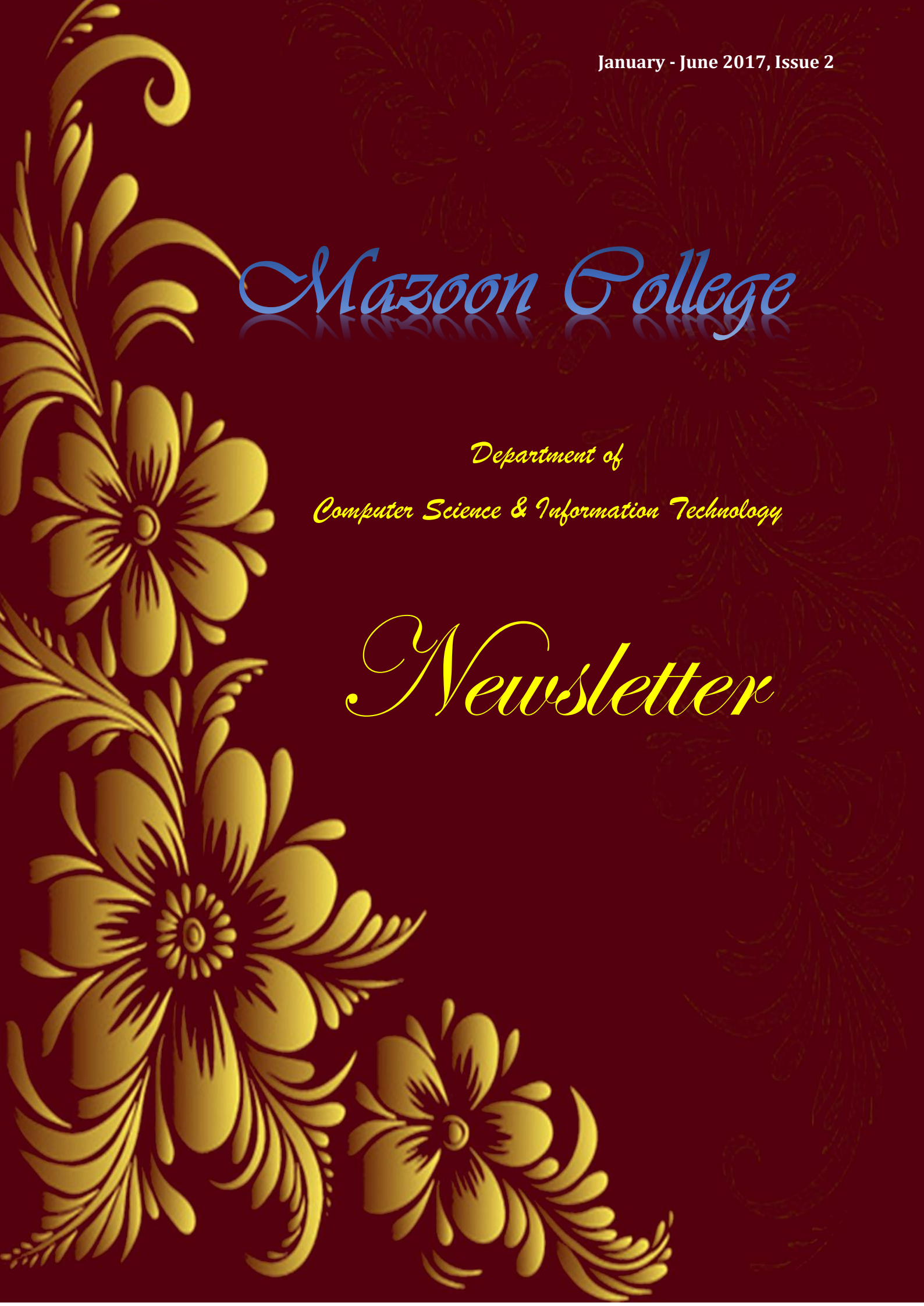


January - June 2017, Issue 2

# Mazoon College

*Department of  
Computer Science & Information Technology*

# Newsletter







## EDITORIAL DESK

Warm greetings to all the readers! The editorial committee is very happy to come out with the half-yearly issue of E-Newsletter. We take this opportunity to thank the Management, Dean and other contributors to this newsletter for their continuous support.

CS & IT Department of Mazoon College is proud to release its first volume of this newsletter. It was a great moment for the faculty and students of CS & IT to publish their research papers in various journals.

Last 6 months also witnessed various other activities that would build the image of the Department which include Guest Lectures, Industrial Visit, Seminars, Workshops and active participation by the students in extra-curricular and co-curricular activities.

A lot more interesting events are in queue and we believe that the continued efforts will take Mazoon College one step further towards achieving excellence.



**EDITOR**

**Dr. A. MOHAMED ABBAS**



**CO-EDITOR**

**Dr. M. S. SALEEM BASHA**



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## STUDENT ACHIEVEMENTS

### STUDENT'S JOURNAL PUBLICATION

Ms. Khalsa Humaid Abdullah Al Rumhi and Dr. M. S. Saleem Basha, "Load Balancing In Hybrid Network Li-Fi & Wi-Fi", International Journal of Ad-Hoc and Ubiquitous Computing- ISSN:1743-8233, 2017, (Accepted) (Scopus Indexed).



### STUDENTS' ACHIEVEMENT

- Ms. Zainab Fathima Ali and Ms. Fahmida Haque INVENT'17 – Technofest Event organized by the Faculty of Information Technology, Majan College on 20<sup>th</sup> March 2017. They won the FIRST PRIZE in WEB DESIGN and also participated in Build a PC and Poster Design.



- Ms. Muna Al-Salmi has participated in Oman CIO Capacity Building workshop at Sungkyunkwan University, Korea from 16 - 20, March 2017.

Our world is built on biology and once we begin to understand it, it then becomes a technology – **Ryan Bethen Court**

## WORKSHOP AND SEMINAR ORGANIZED FOR STUDENTS

### SEMINAR ON “CYBER CRIME”

The Seminar on “Cyber Crime” was conducted by the Department of CS & IT on 2<sup>nd</sup> February 2017. The programme was convened by Dr. A. Mohamed Abbas, HOD-CS&IT and coordinated & Presented by Ms. Gazala Yusufi,



Lecturer. The topics covered include types of cyber crime, reasons for occurrence of cyber crime and the numerous ways to prevent it. She informed the participants of the latest trends in Cyber Crime and how to protect themselves from it.

### WORKSHOP ON “NETWORK PROTOCOL ANALYSIS USING WIRESHARK”

The workshop on “Network Protocol Analysis using WIRESHARK” was conducted by the Department of CS & IT on 21<sup>st</sup> February 2017.



The programme was convened by Dr. Mohammed Abbas, HOD-CS&IT and coordinated & Presented by Mr. Kareemullah Shaik, Lecturer. The workshop commenced with a brief introduction on Wireshark followed by downloading and installing of software, later they analyzed some sample protocols. Students used the software with enthusiasm and tried the different facilities and networks simulations provided in it.

### WORKSHOP ON “MANUAL SOFTWARE TESTING”

The workshop on “Manual Software Testing” was conducted by the Department of CS & IT on 11<sup>th</sup> April 2017. The program was convened by Dr. A. Mohamed Abbas, HOD-CS&IT and coordinated & Presented by Dr. M. Daiyan, Assistant Professor. The presenter covered the



introduction of Software Life Cycle, Software Testing, Software Testing life cycle, Advantages of Software Testing, field and future scope.

Without your involvement you cannot succeed. With your involvement you can't fail. – **APJ Abdul Kalam**



## WORKSHOP ON “INFORMATION AND COMMUNICATION TECHNOLOGY”

The workshop on “Information and Communication Technology” was conducted on 28th & 29th March 2017. The seminar, divided into two parts, was delivered by Mrs. Rowaidah



Al Abdullah, from the CS/IT department, and Mr. Abdul Matin, from the IT unit. The seminar was also attended by a selected group from Mazoon College. The visiting party consisted of 18 high school girl students and 21 high school boy students (11 Grade) from the Al Sahwa Schools accompanied by teachers and administration staff. Mrs. Rowaidah’s seminar covered the subject of ICT in education, explaining the importance of ICT to modern educational systems and the integration of ICT within the various subjects, including the non-technical subjects, and the administrative systems as well.

Mr. Abdul Matin, System Admin who spoke about the actual integration of ICT into College educational and administrative systems and about the benefits of the said integration and the future vision for further development and continuous improvement.



## SEMINAR ON “COMPUTER SECURITY”

The seminar on “Computer Security” was conducted by the Department of CS & IT on 4th April 2017. The program was convened by Dr. A. Mohamed Abbas, HOD-CS&IT and Coordinated & Presented by Mr. Mohammad Arshad, Lecturer. The objective of this seminar is



to teach the basic principles of computer security from the perspective of providing security awareness and its best practices for the real world.

Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important – **Bill Gates**

## FACULTY TRAINING PROGRAM ORGANIZED



### FACULTY INDUCTION PROGRAM ON “DEVELOPING CLASS ROOM WEBSITE”

The Faculty Induction Program on “DEVELOPING CLASS ROOM WEBSITE” was organized by Department of CS & IT on 9th February 2017. The programme was convened by Dr. A. Mohamed Abbas, HOD- CS & IT and session was handled by Mr. Mohammad Nasar, Lecturer. The presenter explained in detail about the creation of class room website and also explained the maintaining of schedule of student assignment, exam dates and course



### ADMINISTRATIVE STAFF DEVELOPMENT WORKSHOP ON “PERSONAL STRATEGIC PLANNING”

The Administrative Staff Development Workshop on “Personal Strategic Planning” was organized on 8th March 2017. The program was coordinated by Ms. Rowaida Al-Abdullah, Lecturer. The workshop was presented by Mrs. Wafaa Asad, The Family Guide and Development Ambassador, Member of the Jordanian Literary Association. The workshop aimed to outline a roadmap that would help individuals on their journey of self-development, and help them choose the best possible paths for the progression of their careers

I fear the day that technology will surpass our human interaction. The world will have a generation of idiots. – **Albert Einstein**

## INDUSTRIAL VISIT



### INDUSTRIAL VISIT

The Department of Computer Science and Information Technology, Mazoon College had



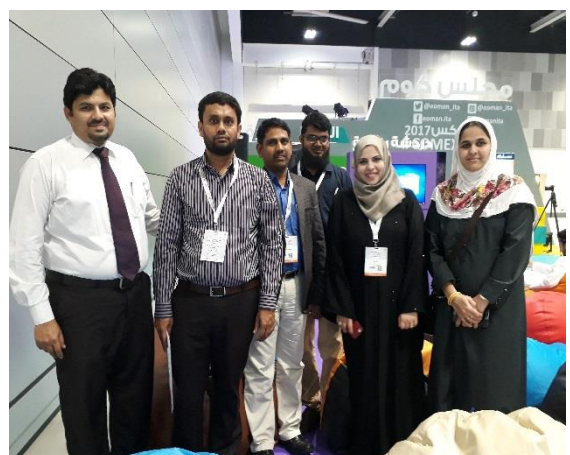
arranged one day industrial visit on 27 & 29 March 2017 for the Undergraduate Students to explore HRD Division, ITA and COMEX – Exhibition, Muscat.

The industrial trip started with the briefing by Dr. Ramin Al -Mohajir, HR and Development Consultant. Ms. Safwa Amer Al Hosani presented about the ITA explaining the strategy, goals, affiliation, and cooperation with other companies. Mr. Khalid Al Amrani, Security analyst, presented the electronic blackmail and other Cyber-Crimes.

Two batches of students (Batch 1: 29 & Batch2: 36) from Mazoon College participated in the Industrial Visit, led by Dr. Mohamed Abbas, Mr. Mohammed Arshad, Mr. Abdul Muqatadir and Ms. Ruwaida Al Abdullah.



Ms. Sumaiya Al-Rawahi CS Major alumni of CS & IT Department had presented her 3D software development at COMEX – Exhibition Center.



The machine does not isolate man from the great problems of nature but plunges him more deeply into them. – **Antoine De Saint Exupery**





### PhD VIVA VOCE

Mr. Mohammad Nasar, Lecturer has completed his Ph.D Viva Voce on 7th April 2017 and his research work in the area of “Software Engineering (Software Reliability)”.

### SEMINAR PRESENTED OUTSIDE THE COLLEGE (Sultan Qaboos University)

- Dr. A. Mohamed Abbas has given a seminar on “Vehicular Ad Hoc Network – Research Aspects” organized by Department of Computer Science, Sultan Qaboos University, Oman on 16<sup>th</sup> March 2017.
- Dr. M.S. Saleem Basha has given a seminar on “DNA Computing” organized by Department of Computer Science, Sultan Qaboos University, Oman on 6<sup>th</sup> April 2017.



### JOURNAL PUBLICATIONS

Mr. Mohammad Arshad and Dr. Md. Ali Hussain, "Secure Framework to Mitigate Man-in-the Middle Attack over SSL Protocol ", Indian Journal of Science and Technology, Vol. 9, Issue 47, pp 1-5, Dec 2016.

Khalsa Humaid Abdullah Alrumhi, Dr. M.S.Saleem Basha and Dr. A. Mohamed Abbas, "LOAD BALANCING IN HYBRID NETWORK Li-Fi & Wi-Fi", International Journal of Ad Hoc and Ubiquitous Computing (Scopus Indexed) (Accepted).

Dr. M.S.Saleem Basha, Dr. Esam Al Lawati and Dr. A. Mohamed Abbas, "The Effect of Using Social Media on Behavior of Higher Education Students Behavior in Sultanate Of Oman", International Journal of Ad Hoc and Ubiquitous Computing (Scopus Indexed) (Accepted).

Kannadasan.R and Dr. M.S.Saleem Basha, “DNA Molecular Network Interaction Between 4tk5 And Tobacco” International Journal of Pharma and Bio Sciences, IJPBS publishers, (Scopus Indexed) (Article in Press)



## CONFERENCE PUBLICATIONS

- ❖ Rajani Rani Gupta, Glenn R. Liago and RajRani Gupta, “Mobile Messaging Applications as an Educational Tool Proceedings”, International Technology, Education and Development Conference 2017 (INTED2017), Valencia, 6th - 8th March 2017 (ISBN:978-84-617-8491-2)
- ❖ Rajani Rani Guota and RajRani Gupta, “An Attempt Towards Enhancing and Encouraging Learning in Mathematics”, International Technology, Education and Development Conference 2017 (INTED2017), Valencia, 6th - 8th March 2017 (ISBN:978-84-617-8491-2)

## SEMINAR / FDP / WORKSHOP / CONFERENCE PRESENTED IN MAZOOON COLLEGE

Dr. M.S. Saleem Basha has given a workshop on “Research & Consultancy and Turnitin” organized by Department of Quality Assurance, Mazoon College, Oman on 2<sup>nd</sup> March 2017.

Dr. Nasir Ahmed Khan has given a workshop on “Institution Standard Assessment Documentation Preparation” organized by Department of Quality Assurance, Mazoon College, Oman on 27<sup>th</sup> March 2017.

Ms. Gazala Yusufi has given a workshop on “Student and Students Support Services” organized by Department of Quality Assurance, Mazoon College, Oman on 13<sup>th</sup> March 2017.

Dr. Nasir Ahmed Khan has given a workshop on “Discussion Session to prepare Institutional Standards Assessment (ISA) Panel Visit” organized by Department of Quality Assurance, Mazoon College, Oman on 11<sup>th</sup> April 2017.



From now on we live in a world where man has walked on the moon. It's not a miracle; we just decided to go – **Tom Hanks**

## GENERAL NEWS



The farewell party has been arranged to Dr. Shaikh Khalique on 28th February 2017.



The Department of CS & IT has given a celebration to Dr. Jameel Hashmi for Successful Completion of OAAA Audit - State 2 on 23th April 2017.



Faculty Members visited the International Book Fair, Oman on 22nd March 2017.

One machine can do the work of fifty ordinary men. No machine can do the work of one extraordinary man – **Elbert Hubbard**

## Department of CS & IT

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January - June 2017  
Issue 2



Dr. Juma Saleh Al-  
Ghailani



Dr. Jamal Dawood  
Salman

Mazoon College is a private academic institution that has operated under the supervision of the Ministry of Higher Education since 1997. It was established to provide higher education nationally and internationally in different fields. At present, it has eight programs at undergraduate level and two programs at postgraduate level. The College gives high school graduates, international students, and employees the chance to gain the educational skills and the high technology to cope with the ever-changing modern development. The College, from its first establishment, has made firm steps towards the qualitative development of its performance to provide prestigious services. It is also aware of the need to conduct full review and continuous evaluation of its progression. It always seeks to provide itself with high quality academic and administrative staff and the addition of new majors required by the community and to develop its already existing capabilities.

### Vision

Mazoon College aims to be a leading higher educational institution that concentrates on Academic Excellence, High Quality Research and Community Services.

### Mission

The college strives to address the educational needs of its community through offering diverse programs and services assisting its students in meeting their educational needs and preparing graduates to be capable of making significant contributions to their fields of endeavor and society.

## Department of Computer Science and Information Technology

### Programs Offered

- ❖ **Associate Degree Program (63 credit hours)**
  - Computer Science
  - Information Science Technology
  - Management Information Systems
- ❖ **Bachelor Degree Program (120 credit hours)**
  - Computer Science
  - Information Science Technology
  - Management Information Systems
- ❖ **Master Degree Program (130 credit hours)**
  - Master of Technology (M.Tech) in Computer Science
  - Master of Technology (M.Tech) in Network and Information Security \*

\* Awaiting for Ministry of Higher Education Approval