



MAZOOON COLLEGE

*Department of
Computer Science & Information Technology*

Newsletter

July 2016 - December 2016

Issue 1



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'S JOURNAL PUBLICATION

Mr. Hamed Nasser Al-Busaidi, M.Tech Student has published his M. Tech Project Work in the International Journal "American Journal of Engineering Research (AJER)" with the title of "ICS: An Optimized IDS Mechanism for DDoS Attacks Mitigation", Volume 5, Issue 10, pp 175 - 180, e-ISSN 2320 - 0847. He has completed M.Tech Project Work under the supervision of Dr. A. Mohamed Abbas, HOD-CS & IT.



STUDENTS' ACHIEVEMENT

Ms. Khalsa Humaid Abdullah Al Rumhi, M.Tech Student has completed her M.Tech Project work in the title "Load Balancing between LIFI and WIFI with hybrid version of Cell Breathing (Load Distribution) and MinMax theorem (for decision taking) approach" under the supervision of Dr. M. S. Saleem Basha. The way they explained the findings deserves applause, which is reflected and published in many newspapers in Gulf Region (namely, Al Shabeeba, Oman News, Al Barzha, The 7th Day, Sublet Oman, Al Academia, Gulf Eyes etc.)

The Ministry of Higher Education invited for presentation in Information and Communication Technology Exhibition (ICTEX) during 18 - 20/12/2016.

Ms. Khalsa Humaid Abdullah Al Rumhi and Dr. M. S. Saleem Basha presented their Project work in ICTEX. Finally, the honorary award given to them.

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"Innovation distinguishes between a leader and a follower. Sometimes when you innovate, you make mistakes. It is best to admit them quickly, and get on with improving your other innovations." -- Steve Jobs, Chairman and CEO of Apple Inc.



The students of CS & IT, Mr. Nizar Ali Al Jabri and Mr. Yousuf Salim Al Qasmi have created a new software for “Calculating CGPA (Student Version)” with support from Research Center, Mazoon College. The software can help the student to easily forecast their CGPA for current semester and also forthcoming semesters.

SCHOOL STUDENTS' VISIT



Students of Al Amerat School, Muscat visited the CS & IT Department on 27/10/2016. They acquired knowledge on Information Technology and also learned about the CS & IT majors.

Information Technology Authority (ITA)

On 09/10/2016, Dr. Ramin Mohajer, HR & Development Consultant had visited Mazoon College to have a meeting with the Department of Computer Science & IT and Research Centre, to accommodate the master student in ITA for training.

INDUSTRIAL VISIT

The Department of Computer Science and Information Technology, Mazoon College has arranged one day industrial visit on 21/11/2016 for the Undergraduate Students to explore SAS Center for Virtual Reality Muscat.

The briefing and demonstration covered the center infrastructure and technical equipment functionality. Mr. Ahmed,



Demonstrator was very excited to explain the center infrastructure and virtual reality applications.

A group of 39 students from Mazoon College participated



in the Industrial Visit, led by Dr. Shaikh A Khalique, Coordinator, Mr. Abdul Muqatadir, Ms. Ruwaida Al Abdullah and Mr. Mohammed Arshad.

WORKSHOPS AND SEMINARS ORGANIZED



Seminar on “Master Projects and Funding Agencies”

A one day Seminar on “Master Projects and Funding Agencies” was organized by Center for Research and Development & Department of CS & IT on 10/10/2016. The programme was convened by Dr. A. Mohamed Abbas, HOD - CS&IT and coordinated by Dr. M. S. Saleem Basha, Assistant Professor and Research Center Incharge. The sessions were handled by Dr. M.S.Saleem Basha and Dr. Shaikh Khalique.

The first session of the seminar was handled by Dr. Shaikh Khalique, Assistant Professor. He started the lecture on “Master Projects”. He covered the thrust areas of Master Project work and presented the step by step procedure for project works.



Seminar on “Master Projects and Funding Agencies”

The second session of the seminar was handled by Dr. M. S. Saleem Basha, Assistant Professor & Research Center Incharge. He started the lecture on “Funding Agencies”. He delivered useful information about various Funding Agencies in Oman.



“Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important”

- Bill Gates, Founder Microsoft Corporation.

Dr. Mohamed Jameel Hashmi

has been appointed as the in-charge, Head of Department of the Quality Control, Mazoon College on 05/06/2016



FACULTY BUZZ

Dr. A. Mohamed Abbas, Mr. Kareemulla Shaikh and Mr. Hamed Nasser Al-Busaidi published a paper in “American Journal of Engineering Research (AJER)” in the title “ICS: An Optimized IDS Mechanism for DDoS Attacks Mitigation”, Volume 5, Issue 10, pp175 -180, e-ISSN 2320 - 0847.

Mr. Mohammad Arshad and Dr. Md. Ali Hussain accepted



a research paper in “Indian Journal of Science and Technology” in the title of “Secure Framework to Mitigate Man-in-the-Middle Attack over SSL Protocol”.



Mr. Mohammad Nasar, Lecturer has submitted his Doctorate Thesis work on 25th November 2016. He has done his research work in the area of “Software Engineering (Software Reliability)”.

Mr. Mohammed Aftab Alam, Lec-



turer has completed the Doctorate Viva Voce on 11th December 2016 and his research work is in the area of “Text Mining”.

Workshop on “Good Shepherd-Leadership Qualities”

The workshop on “GOOD SHEPHERD - LEADERSHIP QUALITIES” was conducted by the Department CS & IT on 10/11/2016 and coordinated by Mr. Abdul Muqtadir, Senior Lecturer. The workshop was conducted by Mr. Abubacker, GCC Coordinator of Burooj Realization.



Seminar on “Text Mining and its application”

The seminar on “Text Mining and its application” was conducted for students by the Department of CS & IT on



30/11/2016. The program was convened by Dr. A. Mohamed Abbas, Head/CS&IT and coordinated by Dr. M. Daiyan, Assistant Professor. The seminar session was

handled by Dr. M. Daiyan. He covered various topics, namely, introduction of text mining, application of text mining in various fields and future scope. He also covered the scope for research in text mining.

Workshop on “IP Routing”

The Workshop on “IP ROUTING” was conducted by the Department of CS & IT on 05/12/2016. The program was convened by Dr. A. Mohamed Abbas, Assistant Professor, HOD - CS & IT and coordinated by Mr. Meble Varghese, Lecturer CS & IT. The workshop was given by

Mr. Meble Varghese. He discussed about IP Routing and how packets are forwarded from one network to another network. The workshop also demonstrated different IP routing protocols like RIP, EIGRP and how to configure DNS, HTTP, MAIL servers in a network.

SEMINARS / FDP'S / WORKSHOPS ATTENDED

CS & IT Department always encourages faculty members to participate in various seminars, conferences, FDP's and Workshops. Many faculty members have utilized this opportunity and attended/participated in various seminars, conferences, FDP's and workshops in different domains during the last three months.

Seminar on “How to prepare project and seminar reports?”



The Workshop on “IP ROUTING” was conducted by the Department of CS & IT on 05/12/2016. The program was convened by Dr. A. Mohamed Abbas, Assistant Professor, HOD - CS & IT and coordinated by Mr. Meble Varghese, Lecturer CS & IT. The workshop was given by Mr. Meble Varghese. He discussed about IP Routing and how packets are forwarded from one network to another network. The workshop also demonstrated different IP routing protocols like RIP, EIGRP and how to configure DNS, HTTP, MAIL servers in a network.

FACULTY INDUCTION PROGRAM ORGANIZED

Faculty Induction Training on “M-Tutor”

The Faculty Induction Training Program - “M-Tutor” was conducted by the Department of CS & IT on 23/10/2016.

The faculty members of CS & IT participated in this faculty induction training program. Special Lecture was given by Mr. Steward Jones, Mobile Tutor Pvt.Ltd.,Dubai, UAE.



Mr. Steward covered the thrust areas of mobile application and presented many videos related to various topics using Mobile Application. He

has conveyed to the faculty members, how lecture classes can be converted into video representation that can quickly reach the students.

Staff Induction Training on “Academic Advising”

The Staff Induction Program on “Academic Advising” was conducted by the Department of CS & IT on 01/12/2016. The program was convened by Dr. A. Mohamed Abbas, Head - CS&IT and Coordinated by Mr. Mohammed Aftab Alam, Lecturer. Dr. Abbas conveyed to the faculty members about the previous procedure for academic advising and the proposed procedure for academic advising. In addition, the speaker has clearly explained about the old Academic Plan and new Academic Plan of Students. The credit details were also informed to Faculty members.



STUDENT ORIENTATION PROGRAM ORGANIZED

The Orientation Program - Fall 2016 was conducted by the Department of CS & IT on 24/10/2016

The programme was convened by Dr. A. Mohamed Abbas, Head- CS & IT and coordinated by Mr. Mohammad Arshad, Lecturer.



The presidential address was given by Dr. Jamal Dawood Salman, Dean and the felicitation address was given by Mr. Mohd. Abdullah Al-Amin, Head - General Foundation Department. The



academic procedures were explained by Dr. A. Mohamed Abbas, Head-CS&IT in English and Ms. Rowaida, Lecturer in Arabic.

“Educating and training humans is a laborious process. Yet, it is a necessary process. We shall, for our part, spare no effort to provide opportunities for the training of Omanis at all levels of education.”

-- His Majesty Sultan Qaboos Bin Said



Dr. Juma Saleh Al-Ghailani
Managing Director



Dr. Jamal Dawood Salman
Dean

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.

Mission

The college strives to prepare graduates capable of making significant contributions to their fields of study and enriching society by developing professional capabilities in technology, management and research.

Vision

To be a leading University College with a national and international reputation for academic excellence and scientific research and community services.

Core Values

Mazoon College is committed to enabling its faculty, staff and students to realize their full potential for the benefit of their community. It aims to do so through human resource management, valuing integrity and transparency.

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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