From The Editor’s Desk

Welcome to the Issue 3, Volume 6 edition of WCAS E-newsletter! Once again we at WCAS arm ourselves to take up the challenge of handling responsibility with full dedication to our chosen field of work, after the long summer break.

Having rejuvenated, we promise ourselves that only duty and devotion to our vocation will take us a long way towards our set goals……

The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand—‘Vince Lombardi’

As the spring semester opens, we at WCAS extend a warm welcome to the students and thank them for choosing to join Waljat College.

Happiness lies in the joy of achievement and the thrill of creative effort—Franklin D. Roosevelt

BE-CSE Students of WCAS bagged First Prize in National IT Quiz Bee Competition at Oman College of Management & Technology on 19th May 2015. BE-CSE Students of WCAS won the first and second prize in Pro Whiz competition at Modern College of Business on 13th April 2016

WCAS students bags second Prize in Trouble Shooting Contest in iTech Marathon 2016 at Ibri College on 7th March 2016. WCAS BE-CSE students qualify for Arab Collegiate Programming Contest (ACPC-2016). A Proud moment for us at WCAS!

WCAS faculty members published papers in the International Conclave on Innovations in Engineering and Management (Oman Vision 2020: Opportunities & Challenges), ICIEM-2016, held on 24th and 25th February 2016. Almost everybody is enthusiastic about the promise of biotechnology to cure disease and to relieve suffering."Leon Kass"

The Biotechnology Department of Waljat College of Applied Sciences organized its First Biotech Fest on 10th May 2016 in the college premises. Professor Saif Al Bahry from Sultan Qaboos University was the chief guest.

Waljat College of Applied Sciences has signed Memorandum of Understanding (MoU) on 11th July 2016, with Information Technology Authority, Oman (ITA) with the objective to work together in the area of Free and Open Source Software.
The following WCAS faculty members published papers in the International Conclave on Innovations in Engineering and Management (Oman Vision 2020: Opportunities & Challenges), ICIEM-2016, held on 24th and 25th February 2016 at Walajat College of Applied Sciences with the support of The Research Council (TRC), Sultanate of Oman.

**Computer Science & Engineering Department**

Topic: FENN: Fuzzy Integrated Extended Nearest Neighbour Classification Algorithm for Web Page Retrieval

Ms. Vijaya P

Topic: FENN: Fuzzy Integrated Extended Nearest Neighbour Classification Algorithm for Web Page Retrieval

Mr. Satish Chander


2- To assess the Role of CD4 cell counts and other opportunistic infections to estimate the mortality of HIV/AIDS patients on ART in the presence of competing risks

Mr. Shahid Ali Khan

**Electronics & Communication Engineering Department**

Topic: 1- Demulsification Of Heavy Crude Oil Emulsions Using Surfactants.

2- Study on pitting corrosion of SS316, SS304, DSS2205 SS410 AND CSA53 IN HCL AND NH4CL

Dr. Mohammed Mohatram

**Management Department**

Topic: Mobile Engagement, Mobile Addiction and FOMO: A Conceptual Framework Based on Literature Review

Mr. Mithun Shrivastava

Topic: A Study on Emotional Intelligence and Job Performance in Government Authorities in Sultanate of Oman

Dr. Arvind Hans

Topic: Loan Loss Reserves as a Test of Solidarity in Cooperatives

Dr. Seema Gupta

Topic: Impact of Employee Motivation on Job Satisfaction in Higher Education Institute in Oman

Dr. Niraj Mishra

Topic: A Study on Emotional Intelligence and Job Performance in Government Authorities in Sultanate of Oman

Mr. Sultan Khan

“Research is creating new knowledge.”

- Neil Armstrong
Mr. Said Khalfan Salim Al-Amri, Lecturer, Department of Management has attended one day symposium titled “The Role of universities in generating technology based start-ups”, organized by the Innovation and Entrepreneurship Department at SQU on 17th February, 2016. The symposium started with Mr. Said Hilal Al Busaidi, CEO of Gulf Energy, talking about “Success story in technology industry. The symposium highlighted the importance of academic institutions in the establishment of high-tech start-up companies, explained the industrial and commercial utility of high-tech innovations, from the laboratory stage through industry.


Dr. G.P. Mishra, Professor-Department of Management and In charge Entrepreneurship club made presentation at the “S.M.E.F. Faculty Forum” which was held at Bank Muscat Hall, on 30th August 2016. This Presentation was also attended by Minister of Higher Education - H.E. Dr. Rawya Saud Al-Busaidi, other high–profile dignitaries from the Ministry and Dr. Seema Gupta, Faculty in the Department of Management, WCAS. Dr. Mishra spoke on “S.M.E.F. & Waljat College Entrepreneurship activities” and highlighted the details about various entrepreneurial activities along with the activities of e-club being conducted at WCAS.
CSE Students of Waljat College Participated in Oman Collegiate Programming Contest at SQU and Qualify for Arab Collegiate Programming Contest (ACPC-2016)

- Computer Science & Engineering students of Waljat College participated in the Oman Collegiate Programming Contest at SQU on 26th & 27th April 2016.
- Two teams are qualified for ACPC-2016.

Team-I
Avinash RamKumar - BE-CSE-VIII
Sujeendran Menon - BE-CSE-VIII
Nimal Augustine - BE-CSE-VIII

Team II
Urvashi - BE-CSE-IV
Avinash - BE-CSE-IV
Vignesh - BE-CSE-VI

WCAS Students bagged First Prize in National IT Quiz Bee Competition at Oman College of Management & Technology

- Computer Science & Engineering students of Waljat College won the 1st Prize in the National IT Quiz Bee competition held on 19th May 2015 at Oman College of Management & Technology.

Students bag Second Prize in Trouble Shooting Contest in iTech Marathon

BE-CSE Students of WCAS won the first and second prize in Pro Whiz competition at Modern College of Business. Computer Science & Engineering students of Waljat College participated in ProWhiz competition held on 13th April 2016 at Modern College of Business and won first and second prize.

First Prize –Team Members

Avinash Ramkumar – BE-CSE-VIII
Sujeendran Menon – BE-CSE-VIII
Urvashi Kishnani – BE-CSE-IV
Avinash Gopal – BE-CSE-IV

Second Prize- Team Members

Nimal Augustine – BE-CSE-VIII
Mriganka Harsh – BE-CSE-VI
Shannon DSouza – BE-CSE-VI
Zunaira Zubair Ahmed – BE-CSE-VI

“If my mind can conceive it, My heart can believe it, I know I can achieve it!”
Jesse Jackson
WCAS organized its First Biotech Fest-2016

The Biotechnology department at Waljat College of Applied Sciences organized its First Biotech Fest on 10th May 2016 in the college premises. Professor Saif Al Bahry from Sultan Qaboos University was the chief guest. The Chief Guest highlighted the importance of Biotechnology in our life. Almost 200 participants from eight different schools participated in the event which included Indian School Muscat, Indian School Darsait, Indian School Wadi Kabir, Seeb International School, Ahmed Bin Majid School, Bangladesh School, Srilankan School. The competitions included Biotech quiz, poster presentation, painting & model making competitions and a Biotech Exhibition was also organized by the Biotechnology students of WCAS.

Dean of WCAS Prof. (Dr.) S.L. Gupta & Asst Dean Prof. (Dr.) Alok Khushwaha gave away the prizes to the winners. The Head of Biotechnology Department, Dr. Sadaf Zehra said that such events help in increasing the awareness and also encourage the students to display their skills and creativity. The competitions were judged by a panel of jury.

The following table provides the details of the winner.

<table>
<thead>
<tr>
<th>Sno</th>
<th>Event</th>
<th>School</th>
<th>Prize</th>
<th>Name of Judges</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Biotech Quiz</td>
<td>Indian School Al-Ghubra</td>
<td>First</td>
<td>Dr. David Mandepudi</td>
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<td>2</td>
<td>Biotech Quiz</td>
<td>Bangladesh School Muscat</td>
<td>Second</td>
<td>Dr. David Mandepudi</td>
</tr>
<tr>
<td>3</td>
<td>Foster presentation</td>
<td>Seeb International School</td>
<td>First</td>
<td>Dr. Sadaf Zehra, Ms. Priya Rajan &amp; Ms. Seema Arora</td>
</tr>
<tr>
<td>4</td>
<td>Foster presentation</td>
<td>Bangladesh School Muscat</td>
<td>Second</td>
<td>Dr. Sadaf Zehra, Ms. Priya Rajan &amp; Ms. Seema Arora</td>
</tr>
<tr>
<td>5</td>
<td>Painting contest</td>
<td>Indian School Muscat</td>
<td>First</td>
<td>Ms. Smita Prasad, Dr. Sharmila &amp; Mr. Roby Varghese</td>
</tr>
<tr>
<td>6</td>
<td>Painting contest</td>
<td>Ahmed Bin Majid School</td>
<td>Second</td>
<td>Ms. Smita Prasad, Dr. Sharmila Queenthy &amp; Mr. Roby Varghese</td>
</tr>
<tr>
<td>7</td>
<td>Model making contest</td>
<td>Indian School Darsait</td>
<td>First</td>
<td>Dr. Sadaf Zehra, Ms. P. Vijaya, Dr Sharmila Queenthy</td>
</tr>
<tr>
<td>8</td>
<td>Model making contest</td>
<td>Indian School Wadi Kabir</td>
<td>Second</td>
<td>Dr. Sadaf Zehra, Ms. P. Vijaya, Dr Sharmila Queenthy</td>
</tr>
</tbody>
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WCAS signed MoU with Information Technology Authority, Oman (ITA)
Waljat College of Applied Sciences has signed Memorandum of Understanding (MoU) on 11th July 2016, with Information Technology Authority, Oman (ITA) with the objective to work together in the area of Free and Open Source Software. The MoU was signed at the premises of Waljat College of Applied Sciences between the Dr. Salim Sultan Al Ruzaiqi, Chief Executive Officer, ITA, and Prof. (Dr.) Shankar Lal Gupta, Dean, Waljat College of Applied Sciences. The initiative was taken by Ms. Vijaya, Head, Department of Computer Science & Engg along with the department faculty members Mr. Satish Chander, Mr. Sanjay Kumar and Mr. Arbind Kumar Choudhary. The MoU aims in creating awareness for Free and Open Source Software’s and Virtual Reality technologies and platforms to develop smart phone applications by conducting workshops, guest lectures and training programs. The CEO of ITA stated that students and faculty members can get involved in research and innovative projects using Free and Open Source Softwares. Dr. Alok Khuswaha, Asst. Dean (Academics) expressed that this MoU will help the students to bridge the gap between the curriculum and Industry requirement for the fresh IT graduate students. Prof. (Dr.) Gupta stated that both the students and faculty members of WCAS will actively participate in various activities initiated by ITA, Oman.

Industrial Visit
- SaS Centre for Virtual Reality
The Department of Computer Science & Engineering, WCAS organized a visit for final year students of BE-CSE and BCA Branches to SaS Centre for Virtual Reality, KOM 4. 31 students participated on 1st March 2016 along with faculty members Ms. Sinymol and Ms. Akrati Koul & 29 students participated on 2nd March 2016 along with faculty members Ms. Alycia Edwin and Ms. Cimi Thomas all from the Department of Computer Science & Engineering. The Information Technology Authority (ITA) launched “SaS programme” as a business development initiative to help promote small and medium enterprises build a robust ICT sector in Oman. The strategy was developed jointly with United Kingdom Business Incubation (UKBI) and Coventry University. Students visited SaS for Virtual Reality, SaS for Mobile and SaS for Entrepreneur. Students thoroughly enjoyed this new experience in new innovative technologies.
- Oman TV
The students of final year of BE-Computer Science & Engineering, WCAS, visited Oman TV, Al Qurum on 12th May 2016. A total of 20 students were accompanied by faculty members Ms. Rajashri and Ms. Thuraiya Al Farsi. The students got an opportunity to see the working and functionality of Oman TV station. They also visited control rooms of TV and radio stations. The students were very excited and happy with the informative industrial visit and thoroughly enjoyed this new experience.

- PDO
20 students of final year of Computer Science & Engineering were taken for an industrial visit to Petroleum Development Oman on 24th May, 2016 accompanied by Dr. Ismaeel Baki Mohammad. The students were happy because of the opportunity they got to visit the biggest operating organization in the country and to interact with the related people. Initially the students were given a presentation that briefly explained how the IT Sector of PDO was working and operating. After the presentation, the students were taken to Data Centre. It was indeed a huge learning experience for the students as they got to enter inside one of the biggest data centres in the gulf region. Further from there, they were taken to the NOC (National Operations Centre) were a crew headed by Mr. Ahmed Bin Saif Al Harthy enlightened the students on how the NOC operations were carried out. They made the interactive session entertaining and kept it alive by asking regular questions to students as well as encouraging them to ask doubts. The feedback and response provided by the students regarding the industrial visit was positive. The Industrial visit proved to be informative and knowledge boosting alongside the opportunity to experience the real world functioning of large scale IT Sector.

- Ooreedoo NOC, Bousher
The students of Final year BE-Computer Science & Engineering visited Ooreedoo NOC (Network Operation Centre) on 30th March 2016. A total of 12 students were accompanied by faculty members Ms. Vallikannu and Ms. Cimi Thomas. The students were taken to data centre and the working of network operation centre was explained to them. The technical specifications and capabilities of the centre including servers, back-up generators, cooling systems, fire fighting systems were shown to students. Students were also given a presentation about the VSAT system used by Ooreedoo to establish communication with remote places. The visit was very informative for the students.
Industrial Visit for MBA students to Muscat Securities Market

27 students of MBA first and third Semester of MBA of WCAS were taken to Muscat Securities Market for a Visit on the 26th October 2015. They were accompanied by two faculty members Ms Kusum Mishra and Dr Srilekha Goveas. Mr. Kamal Al Hinai, Awareness Specialist, Awareness and Marketing Department guided all to the lecture room.

There was a detailed presentation by Ms Tabitha Bokhari from Awareness and Marketing Department on the various concepts of Capital Market operations. The concepts included the different types of instruments such as Shares, Bonds and Mutual Funds.

She also mentioned about the process of investment, intermediaries and the practices performed over the years. A brief idea was given on the security and safety of financial transaction with the help of computer software.

The presentation was followed by Questions and answer session where in students asked their queries on various issues and the speaker answered all their queries. The students gained an insight into the working of Capital Markets Authority and this visit was very informative and useful to the students.

Industrial Visit for MBA students to Khimji Paints LLC

23 students from the First semester and 7 students from the Third Semester of MBA along with two faculty members from Management Department, Dr Jyoti Chandel and Dr Srilekha Goveas of Waljat College visited Khimji Paints LLC (KPL) on 15th December 2015.

The students and the faculty members were welcomed by Mr. Bhuvnesh Udeshi, Works Manager, Paints Division.

The students were divided into two groups and each group was taken to the Manufacturing unit and the Warehouse and Logistics Department.

All the processes of manufacturing were explained in detail. The ERP procedures of the entire process from the purchase order to the movement of goods out of warehouse were explained in detail. The students interacted with the Works Manager and expressed that they were able to get a lot of practical Insight towards manufacturing and management system which is a subject being taught to them in this semester.
TEJAS RAO,
BBA Alumnus of Waljat College of Applied Sciences

Mr. Tejas passed away in a road accident on 14th August 2016, Sunday in the wee hours in Mumbai- India. He was one of the sincerest students of his BBA batch in WCAS with strong values. He was very calm, composed and polite nature-wise. He had an abiding respect for his teachers and other staff members. He was very helpful and caring towards his fellow classmates and his friends. His sudden demise has created an irreparable damage and a huge void to his family members, friends and his classmates who are very close to him.

May his soul rest in peace- Aameen.
# Program@WALJAT

## WALJAT College of Applied Sciences
In Academic Partnership With
**Birla Institute of Technology**

Admissions Open for Monsoon Session, 2016-17

WCAS invites applications for admissions under the following programs

<table>
<thead>
<tr>
<th>Program</th>
<th>Eligibility</th>
<th>Duration</th>
<th>Fee per Semester*(OMR)</th>
</tr>
</thead>
</table>
| **Bachelor of Engineering (BE)** in               | ➢ Biotechnology  
➢ Chemical  
➢ Computer Science  
➢ Electronics and Communication                                           | 8 Semesters | 1265                   |
| **Advanced Diploma in Engineering**               | ➢ Computer Science & Engineering  
➢ Electronics and Communication Engineering                                   | 6 Semesters | 1265                   |
| **Diploma in Engineering**                        | ➢ Computer Science & Engineering  
➢ Electronics and Communication Engineering                                   | 4 Semesters | 1265                   |
| **Bachelor Program in**                           | ➢ Business Administration (BBA)  
➢ Business Administration (BBA)***  
➢ Computer Applications (BCA)  
➢ Computer Applications (BCA)***                                              | 6 Semesters | 990                    |
| **Diploma Program in**                            | ➢ Business Administration  
➢ Business Administration***  
➢ Computer Applications  
➢ Computer Applications***                                                     | 9 Semesters | 660***                 |
| **Diploma Program in**                            | ➢ Business Administration  
➢ Business Administration***  
➢ Computer Applications  
➢ Computer Applications***                                                     | 4 Semesters | 990                    |
| **Master of Business Administration (MBA)**       | Bachelor Degree with ≥50% Marks or CGPA ≥ 2.3 on 4 point scale in aggregate | 4 Semesters | 1500                   |
| **Executive Master of Business Administration (EMBA)** | Bachelor Degree with ≥50% Marks or CGPA ≥ 2.3 on 4 point scale in aggregate, ≥ 2yearwork experience | 4 Semesters | 1320                   |
| **Foundation Program**                            | For BE Entry: 12th Standard or its equivalent with ≥ 55% Marks*  
For BBA / BCA** Entry: 12th Standard or its equivalent with ≥ 50% Marks | 1 Year     | 1980                   |

* Must include subjects of English, Mathematics and Physics  
*** Must include subjects of Mathematics and Computational courses  
**** Part time programs offered in evening mode for working professionals  
# Part time program offered in weekend mode for working professionals  
$ For regular and part time programs the number of semesters offered in a year are 2 and 3 respectively

Application Forms can be downloaded from our website at [https://www.waljatcollege.edu.om/application-forms.php](https://www.waljatcollege.edu.om/application-forms.php)

Note: Entrance test may be conducted as per the student’s credentials if needed at WCAS with prior intimation and suitability after submission of Admission form.

**For Admission and Further Details Please Contact:**

Ms. Thuraya Moh'd Salim Al-Habsi(Ph.: +968 24446660, 24449194, Ext. 134)  
Mr. Vikash Sharma(Ph.: +968 24446660, 24449194, Ext. 126),  
Admission & Registration Department, Block 3, Waljat College of Applied Sciences, Knowledge Oasis Muscat, Rusayl Industrial Area, Muscat, Sultanate of Oman. Phone: (968) 24446660, 24449194, Fax: (968) 24449196-97  
Email: admissions@waljat.net, URL: [https://www.waljatcollege.edu.om](https://www.waljatcollege.edu.om)
Executive Master of Business Administration (EMBA) Weekend Program (Classes only on FRIDAY and SATURDAY)

Strengths of the Programme

- Course taught by experienced faculty members
- Internationally recognized degree
- Low cost
- Comprehensive coverage of subjects in each specialization

Study Period : 2 Years/ 4 Semesters (Weekend Program)

Fee : R.O 1320 Per Semester

EMBA program offers functional specializations in following areas:


Eligibility

This is weekend program for employed graduates. The candidate must have obtained Bachelor’s degree with good grades (minimum 50% marks in aggregate or a minimum CGPA of 2.3 on 4 Point Scale). The candidate must pass the entrance test and personal interview conducted by the College. The subjects of entrance test are English and Numerical Aptitude. In addition, the candidate must be in employment with a minimum two years work experience at the time of joining the program.

Further Information - Please contact
Program related enquiries - HOD - Management - hodmgt@waljat.net
Admission related enquiries - Manager, Admission and Registration - admissions@waljat.net