From the Editor’s Desk

Professional events, functions and activities in an Organization are true reflections of an Organizational Culture. We at WCAS are intensely involved in addressing various areas of our concerns to develop our students in a holistic manner. In the last two months, WCAS has observed and organized various academic and professional events in succession. Those events are the impressions of an evolving work culture and ethics, where college is thriving to develop its image for superior services towards the development of academia and society.

In an endeavor to improve organizational culture through knowledge dissemination process, a three day Colloquium was designed and organized from 26th to 28th of September 2011, for the students and faculty members. Eminent professors from India’s centre of excellence have delivered lectures on various relevant and emerging areas of Management, Engineering and Computer Science. “Digital Fountain and RF Microwave Engineering”, “Assessment and Evaluation of Learning Outcome”, & “Marketing of Services in Industrial Markets” are few important topics to name in this event.

Institution cannot prosper in isolation. An industry-college interface is necessary for the better understanding of corporate requirements and campus placements among students. Under this initiative of College –Industry interaction Initiative (CII), College organized a guest lecture on “NAWRAS IPO and Learning” by Mr. Ross Cormack, C.E.O. of NAWRAS on 2nd October 2011. He was accompanied by Mr. Mutassim Al Zadjali, and Mr.Ahmed Al Humaidi, Head of Corporate Affairs and Investor Relation Manager respectively to grace the occasion.

Workshops are wonderful platforms to enhance specific set of skill and knowledge base of the target audience in various fields of management. Department of Management conducted a two day workshop on “Time Management” and “Effective Communication Skills” to inculcate and ameliorate management soft skills among students. In continuation, a highly dynamic and Interactive workshop was also organized under the aegis of Career Awareness Programme (CAP) initiated by SHELL Company for selected students. It was designed to unleash the hidden potential of students to deal with the upcoming challenging job scenario.

Campus placement assistance is a key facility given by education institution for its students. In this drive, Campus Placement was organized and coordinated by the parent university in the month of August, 2011. Students from Electronics & Communication Engineering and Computer Science Department secured the best offers in Infosys Technologies and Cognizant Technology Solution.

Faculty members have also published books and research articles in journals and conferences in search of academic excellence and self-development. Collective participation from faculty, alumni and students have been showcased in this edition with a special nuance and assortment.

So, Dear readers! Savor through the sections and enjoy! Eid Mubarak!
Achievements

Research Work

Jyoti K. Chandel contributed as a Member of Oman Observer Brand Council in 2011 for the publication of a book on "Oman's 180 Greatest Brands"


Waljat Turns 10: A Decade of Excellence

The Waljat College of Applied Sciences (WCAS) has completed 10 years of its contribution in the field of higher education. Its journey began in 2001 and significant milestones were attained during the last decade towards its development as a premier institution of higher learning awarding diplomas and degrees acclaimed internationally. It has staff and students from all corners of Middle East and South Asia. During the course of 10 years, WCAS has grown in all dimensions and become a hub of education to a few thousand students with courses in Business Administration, Engineering and Computer Application, etc. The college has created an elaborate infrastructure including a number of computer and engineering laboratories equipped with modern equipments, softwares, language labs, and state of art library. It also has an auditorium with modern facilities, spacious canteen, student recreation facilities and many more facilities. Waljat College is rated very highly for its academic content of programmes and all round development of its student community. The faculty and staff members have made it possible through their sustained efforts and dedication.
The most sought after campus placement for final year students was organized and coordinated by the parent University BIT, Mesra, Ranchi (India) in the month of August, 2011. Many multinational firms turned up to offer various jobs to the graduating students. Waljat College students also participated in this event and successfully got some of the best offers.

Ms. Ruchika Varma, Ms. Hridya Ashokan, Mr. Avishhek Basu, all from the Department of Electronics and Communications, and Mr. Sukant Saxena from the Department of Computer Science got final job offers from COGNIZANT TECHNOLOGY SOLUTION. Ms. Abra Jawed and Mr. Azhar Mumtaz, both from the Department of Electronics and Communications got offers from both INFOSYS TECHNOLOGIES and COGNIZANT TECHNOLOGY SOLUTION.
Changing the mindset of available human resource towards high level of motivation and single mindedness of purpose is essential to attain organizational goal. The key elements to accomplish the task are hard work and self belief. Team effort and alignment of resources towards the objectives are vital components to write a success story for any organization.

‘Mindset’ is the term coined by world-renowned Stanford University psychologist, Carol Dweck, after decades of research on achievement and success. This simple factor is found to make the difference between success and failure.

As we look into the success stories the world over, we find that exceptional performers have high degree of motivation, courage to think differently and passion to succeed in their endeavors. Then, a question comes to one’s mind: What stops people from dreaming for a higher goal? Most often the reason is the fear of failure. But then how can one presuppose something which has not even been attempted? We often see people around us who want to tread a beaten path or are willing to be sucked in a swarm of mediocrity. Is this the passive mindset, which retards the progress of such individuals or entities, where such blokes are in majority? As some appliances require trigger voltage to operate, there are people who need excitation to perform well.

In educational scenario, we all are familiar with the ‘backbencher syndrome’. Every class has few select, whose comfort zone is on the last bench, preferably a cool corner. The psyche is that ‘be physically present but mentally absent’ and go through the ritual. This is one mindset soaked with ‘care’ towards the parents and teachers: is he not obliging both? There are some others who prefer to remain away from the class – the bunkers. On the other hand, the same class has many who systematically develop their skills, knowledge base, make best of the opportunity and become the leaders of tomorrow in their chosen field. At the root of this contrast is the mindset.

You may not have to be extraordinarily talented or brilliant to write a success story. What it requires, is a clear goal, an executable plan and passion to realize it with strong commitment. The question doing the round in corporate circles and with employers is: Should we hire talent or mindset? There are two schools of thought favoring both the options; however, more and more professionals are inclined to believe that at the end of the day, the mindset counts hugely. Training and induction programs across the globe are laying emphasis on making people change their attitude towards work, developing multi-tasking skills and performance linked growth. The success mantra is: you have to be better than others to be counted and so the best option is to compete and come out a winner.

At WCAS, we are experimenting with new ideas and approaches to develop a team of students, staff & faculty members and officials with a mission to realize our vision. We need to be committed to out - perform competitors and achieve our goal. We all have a task cut out and a distinct role to play to perfection.
The role of proficiency in the medium of instruction plays a vital role in the efficiency of the learning process. The language that is spoken at home, during childhood and formative years lays a cognitive template for thinking and naturally disposes an individual towards learning in a particular framework. Most engineering and technical students in India and Oman, where I have taught for more than half my life are not native English language speakers, they are L2 learners; that is they have picked up the English language as a product of attending school whose medium of instruction was English. The mother tongue is the best language always to understand fundamental concepts of science, as it is the first lingo that He or She picks up at home before attending formal nursery or primary school. Most learners of the English language during the school years have difficulties in shifting between the mother tongue and the acquired language at school. This duality results in the half-baked understanding of core science concepts in secondary school and pre-university junior college, prior to attending their technical undergrad degree.

English is the Lingua Franca of the Modern World; the language of commerce and the internet. Almost all scientific and technical literature is in English; most research journals are in the Queen's tongue, and hence an above average proficiency is mandated for a just and enriching engineering educational experience. In the light of the above analysis, neglect of the importance that the English language has in engineering education should be at the student’s peril because, not only the understanding part of the complex concepts in compiler design and electromagnetic field theory is at stake, but soft skills and verbal communication, the trump card towards cracking a job interview in a post-recessionary job market are at risk as well.

Hence, language instructors have to coordinate with their technical teaching counterparts in designing effective foundation and core English communication teaching strategies in order to make a difference in the lives of future innovators.
التعاون الرشيد: تجاوزات الشباب

Khadija Al Shuhi

العمل للإخوان السابق عزى على تجاوز العمل الذي توفر بها شباباً لممارسة النشاط الاجتماعي، وتأثرت به من خلال التجربة في الجامعات. كانت تعرف أنها بحاجة إلى العمل أن يفاجئ الناس، عادت إلى الحياة بعد منصب رئيس مقاول، واستمرت في العمل.

وقد أظهرت أهمية المتعاونين المحليين في العمل الاجتماعي، ودعمت لهم دورهما في تحقيق أهدافهم. تجربة واحدة هي من بين هذه التجارب، حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور_combined

من خلال التعاون مع متعاونين، حيث يتعاون المستعملون مع الشباب في مجموعة من الورش. حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور، حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور. حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور. حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور. حيث تجاوزت الشباب في إعداد مشروطات اجتماعيات، وقاموا بتعليمهم用手ور.
LEADERSHIP LESSONS

Warren Buffet is probably the most successful investor in the history of the world, and one of the world’s richest men with over US$50 billion net worth in 2011.

Stick to fundamental Values
In our age where there are many upcoming new things, management theories and techniques, we must learn to always stick to the fundamental leadership principles of vision, character and discipline and so on. While theories and tools can come and go, principles that govern leadership will forever remain the same.

Live Simply
Many leaders nowadays are distracted by the ‘things’ and other possessions they can have as leaders, so much so that it sometimes that the motivation of leadership can become clouded. Is this leader in it because he believes in the cause, or that he wants to be distinct, recognized and be most rewarded?

Give Back
Buffet intends to give back 99% of his wealth to charity through the Gates Foundation. If his focus in wealth accumulation was admirable, then giving it all away is even a greater feat.

As a leader, one must remember the purpose by which one is in leadership; not to take from the world, but to be an asset and a person of value to the world. That is the attitude of any successful leader.

www.leadership-with-you.com

Compiled by: Ms. Blossom Christina

TEACHERS’ REMARK THAT CHANGED THE HISTORY OF PHYSICS

☞ Archimedes, you are late again. Don’t tell me that you were locked again in the bathroom.
☞ Kepler, till when will you stare at the sky?
☞ Newton, will you please stop idling away under the apple tree?
☞ Galileo, if you will drop stones from the top of the tower one more time, you will be dismissed forever.
☞ Copernicus, when will you understand that you are not the center of the world?
☞ Volta, I can see you have a lot of potential.
☞ Nikola Tesla, I see that everyone is attracted to your magnetic personality.
☞ Schrödinger, stop abusing cats!

www.blog.way2wise.com

Compiled by: Ms. Smitha Felix

TAKE A TEST

The Handshake
At a party, everyone shook hands with everybody else. There were 66 handshakes. How many people were at the party?

Stair Problem
There is a blue single-storey house. The sofa is blue, the walls are blue, the floor is blue and the ceiling is blue. What is the color of the stairs?

What’s Next?

1, 11, 21, 1211, 111221, ...??.

Compiled by: Ms. Koel Mukherjee
Career Awareness Programme - 2011

Waljat College of Applied Sciences successfully organized Shell Career Awareness Programme [CAP-2011] on 12th October, 2011. This programme was introduced by Shell Development Oman and facilitated by Prosper Management Consultancy. Sixty graduating students from different courses of the college participated in this training programme. This one day event, aptly named as CAP, was a highly dynamic, interactive, exercise based energetic workshop. It was designed to unleash the hidden potential of students who are soon to graduate and deal with the reality of the job market that is truly challenging, starting with the fierce competition of securing a job. This workshop aimed to shape young minds to cope with the complexity and the challenges of the knowledge based economy.

Guest Lecture on Nawras IPO & its Learnings

Under the College-Industry Interaction Initiative (CIII), Mr. Ross Cormack, C.E.O. Nawras, visited Waljat College of Applied Sciences on 2nd October 2011 and delivered guest lecture on “Nawras IPO and its learnings”. He was accompanied by Mr. Mutassim Al Zadjali, Head of Corporate Affairs and Mr. Ahmed Al Humaidi, Investor Relations Manager. Mr. Ross and his team were welcomed by the Prof. (Dr.) Mohan Varma, Dean, WCAS, Dr. Padmini Padmanabhan, Assistant Dean (Academic), WCAS and Dr. G.P. Mishra, Program Coordinator. The discussion on the matters of mutual interest took place and it was decided to identify areas where both the organizations can interact further.

During the Lecture Mr. Ross spoke at great length about vision, mission and value of Nawras. The other areas covered included 3G Network, Nawras strategy, growth of mobile revenues in the market and Nawras rapid transformation. He also dwelled on Corporate Governance and management of IPO Communications. Mr. Ross’s key message to students was centered around “Consistency” and he advised them “To be prepared for the kick off and some long hard hours of work”.

Finally, Vote of thanks was rendered by Dr. Seema Varshney. Before departing from the College, Mr. Ross thanked the Dean for giving him an opportunity to be the part of the College activity and expressed his desire to have a long relationship with Waljat College in times to come.
Workshop on Time Management and Effective Communication Skills

Department of Management conducted a two-day workshop on “Time Management” and “Effective Communication Skills” on 10th & 11th October, 2011. About 30 students from the different academic streams attended this workshop and got benefited by lectures delivered by the faculties from Department of Management, WCAS.

Dr. Mohan Varma, Dean, WCAS, graced the occasion and delivered an introductory and inspirational talk on ‘Time Management’.

The faculty members who delivered lectures were Mr. Jyoti K. Chandel, Ms. Nupur Sen, Dr. Seema Varshney & Mr. Syed Aulia of Department of Management, WCAS.

Colloquium at WCAS

Waljat College of Applied Sciences organized a three day Colloquium for its faculty members and students from September 26-28, 2011. On the first day of the colloquium, there were lectures delivered by Prof. Atal Chaudhari, Department of Computer Science & Engineering, Jadavpur University, India and Prof. Nisha Gupta, Department of Electronics and Communication Engineering, Birla Institute of Technology, India. The topics “Digital Fountain” and “RF & Microwave Engineering” were for students and faculty members of the Department of Computer Science & Engineering and the Department of Electronics & Communication Engineering respectively. On the second day, Prof. Utpal Baul, Department of Management, Birla Institute of Technology, India delivered a lecture on “Assessment and Evaluation of Learning Outcome” for the faculty members and students of the Department of Management. On the same day, there was another lecture by Prof. Atal Chaudhari for staff and students of CSE & ECE Departments on the topic “ENCOPRESSION”, a technique synthesizing Data Encryption and Data Compression, which can be used effectively in transferring data, text and images with virtually no loss of key elements. On the last day of the colloquium, Prof. Baul spoke on the topic “Marketing of Services in Industrial Markets” focusing on new strategies used in Industrial Market addressing MBA students. Finally, Prof. Mohan Varma, Dean, WCAS thanked the eminent speakers for sharing their valuable experience and research outcomes with the faculty members and students of the college and hoped that the exposure will benefit them immensely for planning their projects and research activities. Mr. Jyoti Kumar Chandel, Head, Department of Management, WCAS coordinated the event.
Nasser Al Sharji
Procurement, Inventory & Warehouse Manager
Haya Water

I would like to take this opportunity to express my sincere thanks to Waljat College of Applied Sciences where I did my Bachelor in Business Administration and Master of Business Administration (Specialization in Supply Chain Management). I am very proud of my career achievements and I have been a top performer in my batch that led me to receive two gold medals from BIT India. This is not by sheer luck, as “Luck and glass soon break”. Rather, it was achieved by hard work, by being patient and by having a positive attitude towards study.

I am now working as Inventory & Warehouse Manager with a wonderful company known as Haya Water. Haya Water is a government owned company formed to plan, execute and operate the wastewater collection, treatment and distribution system in the governorate of Muscat.

The management skills learnt at Waljat College had a huge impact on my personality which in turn has led me to develop a very successful career in the management field.

I have always expressed to the college management that our future lies with this College. I wish to comment that the education provided by our college is of high standard and must be maintained to preserve the high quality requirement for graduates. It is important for a college to produce a large number of graduates but more important is to maintain the quality of those graduates.

My last word to the Students is that there are many challenges as well as opportunities that lie ahead of us. Our success will depend very much on the way we tackle the challenges and utilize the opportunities that come along. As we are in a dynamic world, we must prepare ourselves to cope with the environment that is not static. My experience is that a personal development is an individual responsibility and lies on us. In order to succeed and to have a promising progression plan in our careers, we have to sacrifice and work as a team rather than individuals and minority groups with personal selfish goals.
Together we can

It’s time for change!

Change means action, innovation and commitment. Change is the very essence of life. Let's work hard to make our college a better place by the day. Every step we take, every effort we make, contributes to overall improvement in our lives.

Be the change that you want to see in the world!
Waljat College of Applied Sciences
In Academic Partnership with Birla Institute of Technology, Ranchi – India

Program Offered

Foundation

Advanced Diploma Program 3 years
- Computer Science Engineering
- Electronics & Communication Engineering

Diploma Program 2 years
- Computer Science Engineering
- Electronics & Communication Engineering
- Business Administration
- Computer Application

Degree Program 3 years
- Business Administration
- Computer Application

Degree Program 4 years
- Business Administration & IT
- Administration & Finance
- Business Administration & HRD
- Computer Science Engineering
- Electronics & Communication Engineering
- Biotechnology

Master Degree 2 years
- Master in Business Administration
- Executive Master in Business Administration