

Newsletter

GLOBAL COLLEGE OF ENGINEERING AND TECHNOLOGY | 6TH Issue January 2023



CELEBRATING OMAN HIGHER EDUCATION RESEARCH AND INNOVATION

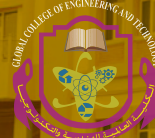
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NEWSLETTER

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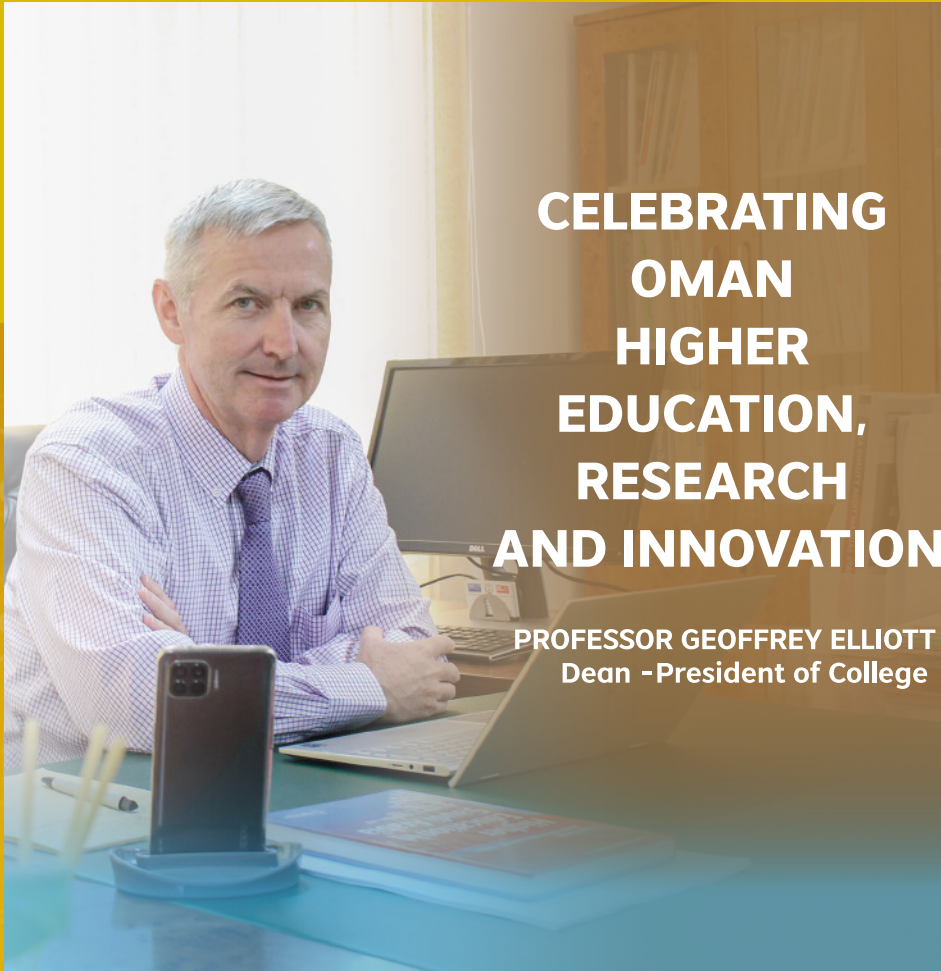
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CELEBRATING OMAN HIGHER EDUCATION, RESEARCH AND INNOVATION

PROFESSOR GEOFFREY ELLIOTT
Dean - President of College

Salam Alaykum!

Dear Treasured Colleagues, it has been 2 years since we started these GCET Newsletters. Time has flown by very quickly! But in this time the College has advanced and achieved significant success with the hard work and effort of all of you. I am very grateful as always for your dedication and hard work. I continue to be proud to be your colleague and Dean.

The Theme of this issue is 'Celebrating Oman Higher Education, Research and Innovation'. This theme allows us to show and demonstrate all the fantastic work we do to educate the next generation of engineers, computer scientists, urban planners, and technologists; and to show what we do to further the agenda of the Ministry of Higher Education, Research and Innovation (MoHERI) in the areas of research and innovation. I am particularly proud of the advances we have made in building a recognized and sustainable research environment, and the fantastic funding we have received from the Government, through the TRC, and the establishment of the Innovation and Incubation Centre (IIC).

You will find further details on these initiatives in this Newsletter.

It has been a busy academic year so far! We graduated over 440 students in a fantastic Graduation Ceremony at the OCEC in late September. It was a particular honour to have Professor Steve West, the Vice-Chancellor of the University of the West of England (UWE), officiate at the Graduation Ceremony. The Vice Chancellor's attendance and involvement at the Graduation Ceremony in Muscat demonstrates, and recognizes, the strong strategic alliance and partnership between GCET and UWE. The Vice Chancellor was also able to Meet Her Excellency, Dr Rahma bint Ibrahim Al Mahrooqi, Minister for Higher Education, Research and Innovation (MoHERI) during his visit to Muscat. I was also very proud that the Chair of the Board of Trustees (BOT) agreed to award a 'Founding Dean Emeritus' title to Dr Tahseen Rafik for the fantastic and outstanding work he did to establish the College during difficult times. We are all very grateful to him for enabling us to now benefit from his achievements and to move to the next level of success. In addition, we had over

40 students who travelled to the Graduation in Bristol, held by the University of the West of England (UWE), in November 2022. Further articles and pictures are available for both of these graduation events in this issue of the GCET Newsletter.

In late October 2022, we had the Review Visit by the OAAA/QA (Stage 1) which took up a significant amount of time and effort by all staff. I am so grateful to all of you for the dedicated and significant contribution you made to the Review Visit. I feel the outcome will be successful - Insh'Allah! The work and effort by all staff over the last 2 academic years to ensure that the academic infrastructure, policy framework, and operating practices were suitable, operational, and in place, was outstanding. I have been in Higher Education, teaching, research and management, for over 33 years; and I can honestly state that the College operates a robust, accountable, and internationally recognized academic infrastructure and environment. Again, this is all due to the hard work, and participation of staff, in the establishment of this framework of academic success.

In June 2022, we welcomed back to Muscat Dr Alison Todman and the UWE Moderation Team, and a further 3 External Examiners, to conduct moderation activities and attend the end-of-year Field Examination Board. This was the first on-site moderation visit and Examination Board for 18 months since the Covid-19 pandemic restricted travel. Again, there is an article in this issue of the Newsletter on the visit by the external examiners; who also had the opportunity to see the Final Year Project Show; that demonstrated the incredible ability and intelligence of our students.

One of the major milestones of the success of the College has been exceeding the student recruitment targets in Semester 2 of the Academic Year (AY) 2021-2022 and again in Semester 1 of the AY 2022-2023. If we achieve and exceed our student recruitment targets in Semester 2 of the AY 2022-2023, this will be an indication of sustained recruitment performance and success. The meeting of student recruitment targets enables

the College to distribute more money and income, through increments and bonuses, to all staff involved in recruitment and other successful projects throughout the year. In addition, the College has invested in Labs and facilities, and the general areas of the Campus to provide a better and more harmonious environment for staff and students. I am particularly pleased that we have landscaped the parking areas between Block A and Block B and created a fantastic garden outside Block C. The external environment is now much better and more attractive than when I first arrived in October 2020. The upgraded environment has been welcomed enthusiastically by the students, and helps us recruit students when they come to visit us and make enquiries at the College. Finally, I wanted to reflect on the Staff Performance Appraisal Process. The outcomes of the updated Staff Performance Appraisal system were completed in late summer/early Autumn 2022. This was



Dr. Sulaiman Al Hasani

Deputy Dean
for Administration and Resources

GCET celebrated one of its largest graduation ceremonies since 2014. The 2nd GCET graduation ceremony in Oman was held on the 28th of September 2022 at the Madinat Al Irfan Theatre, Oman Convention and Conference Centre, Muscat. The ceremony was held under the patronage of Professor Steve West, Vice-Chancellor of the University of the West of England (UWE). It was also attended by H. E. Dr. Abdullah Abbas, Chairman of GCET, Professor Geoffrey Elliott, Dean of GCET, and representatives from the Ministry of Higher Education, Research and Innovation, Oman Academy Accreditation Authority, officials from the government and private sector as well as representatives from foreign

the second year of the updated system following review after one year and further review of the documentation and process after 2 years. The appraisal system is structurally tied into the annual staff performance and reward system. The College operated a 2-tier system whereby Heads of Department (HODs) appraise staff on a one-to-one basis and then propose increments and bonuses for good performance to the Budget Panel, that moderates these requests across all departments. This process, aligned with the good recruitment numbers in the last 2 semesters enabled the College Management to award bonuses and/or increments to over 88% of the staff in the College; to ensure that we all benefit from the success of the College as a collective. These bonuses and increments took effect from October and November 2022 for the Academic Year (AY) 2022-2023. If we continue to be successful, then we will have even more to distribute as a reward at the end of this Academic Year - Insh'Allah!

I remain privileged to be at the College working with you all. I continue to be proud to be with you and share our success together. Sometimes we can be exhausted and tired; but hopefully most of the time enthusiastic and excited about what we do. I was so pleased that we were able to set up and host a 'GCET Staff and Families Dinner and BBQ' at the College in November. I was told this was the first staff and families event held by the College. However, it will not be the last! It was a fantastic night. It was a very emotional and difficult summer for me on personal grounds; and the Staff and Families Event in November made me feel at home again and reduced my feeling of being an orphan. I do hope you will find this issue of the GCET Newsletter informative and provide interest in all we are doing together, both individually and collectively, each semester.

Kindest wishes,
Geoff.

GRADUATION CEREMONY

embassies. Professor Steve West, Vice-Chancellor of the University of the West of England (UWE), expressed his pride in this graduation as he said: "I am particularly proud to be here in Oman for the Graduation Ceremony, the initial UWE visit to approve the commencement of this partnership was in 2016, - we knew at the time that the values and drive at GCET matched those at UWE - and I am so delighted that today we see those ambitions realized. It is really wonderful! We are continuing to enhance our partnership with GCET the UWE-GCET partnership extends beyond teaching, learning, and research. UWE supports GCET in achieving its strategic goals which are aligned with the National Strategy for Education 2040 and Oman Vision 2040"

"GCET has graduated over 700 students since the start of the global pandemic in early 2020 and many are here tonight for this Graduation Ceremony. However, learning does not end by graduation. It is a continuous life-long process. We at GCET hope you have also developed as a human beings. We know you have made life-long friendships and will go out into the World to achieve for yourself,

your family, and the greater good of the Sultanate of Oman and the wider international community. We at GCET, in partnership with the University of the West of England, continue to be committed to providing a caring, modern, and quality-driven, higher education experience in the Sultanate of Oman" Professor Geoffrey Elliott, Dean of GCET said.

"I am very proud to be part of this prestigious celebration where I celebrate my graduation as part of the second batch of GCET. This day is a celebration and the harvest of all the efforts, long nights, hard work, and continuous quest to achieve big dreams and ambitions. We are moving today towards achieving higher and bigger goals, to be a part of this wonderful

country and work together to achieve the best and the good of Oman and the world utilizing our education, talents, skills, and capabilities we developed during our study time". It is worth mentioning that 450 graduates of which 430 graduates were awarded a Bachelor degree and 20 graduates with Master's degrees were graduated at this ceremony.



PROFESSOR STEVE WEST MEETS THE MINISTER OF HIGHER EDUCATION TO DISCUSS AREAS OF COOPERATION.

Dr. Sulaiman Al Hasani | Deputy Dean (Administration and Resources)

Her Excellency Prof. Rahma bint Ibrahim Al Mahrouqi, Minister of Higher Education, Research and Innovation, received Professor Steve West, President of the University of West England, and Professor Geoffrey Elliott, Dean of the Global College of Engineering and Technology at MoHERI.

At the beginning of the meeting, Her Excellency, the Minister, welcomed the delegation and provided an overview of the three sectors of the ministry, private educational institutions and vocational colleges in the Sultanate of Oman, and the most prominent efforts and projects of the ministry in linking the academic sector with the private and industrial

sectors. He also touched on the most important plans and projects of the university in integrating humanities with scientific disciplines, and the university attracts more than (83,000) international students from all over the world.

He singularly mentioned the Global College of Engineering and Technology -academically affiliated with the University of the West of England - and the most prominent projects and plans that the university intends to develop in cooperation with the College.

The meeting suffixed with the discussion on the joint areas of cooperation, where

Her Excellency the Prof. indicated the Ministry's interest in benefiting from the university's experience in the field of integrating humanitarian disciplines such as innovation and entrepreneurship with scientific disciplines (STEM), in addition to ways to expand the collaboration and support strengthening the partnership between GCET and UWE.

Her Excellency welcomed the expansion of fields of cooperation with the university and directed the establishment of a joint committee between the Ministry and GCET-UWE partnership to exchange experiences and expertise in various academic and research fields.





Dr. Eman Al Naamani

HoD Quality Assurance and Compliance Office (QACO)

In June 2022, UWE link tutors and external examiners visited GCET for post-moderation activities. This was the first visit after the COVID pandemic. The visit included staff development sessions conducted by link tutors and external examiners on assessment design, student work evaluation, and student individual project supervision. The visiting team also attended the student projects night and participated in the selection of the best student project awards.

UWE MODERATION VISIT TO GCET

Aligning the academic and professional standards to the University of West of England in Bristol (UWE), GCET maintains a well-defined assessment strategy and quality enhancement procedures cascading at the GCET level, UWE level, and external level. All assessments conducted at GCET are moderated internally at GCET, at UWE, and externally prior to assessments' release to students. This process is called the pre-assessment moderation conducted to ensure that the academic standards at GCET are appropriate and comparable to UWE's. Likewise, after assessments are released to students, marking and students' grades are scrutinized in the post-assessment moderation process. Students' answer scripts are marked by a 1st marker, who is usually the module leader, and double-checked by a 2nd marker. After 1st and 2nd marking are complete, students' scripts are moderated by UWE. Next, assessments are checked

by external examiners to ensure consistency and accuracy of marking. Pre- and post-assessment moderations are part of the UWE Assessment and Feedback policy which is followed by GCET. The moderation process ensures the effectiveness of the assessment strategy, its appropriateness, and its alignment with the assessment and feedback policy of UWE. It ensures the standards are appropriate for the academic level and discipline area. The moderation visit is a great opportunity for useful discussions between GCET staff and UWE link tutors and external examiners. The visit is aimed to discuss the quality of knowledge and skills demonstrated by students in the discipline area. The moderation ensures fairness in student marks and student performance and progression are comparable to UWE and similar programmes in other UK institutes.

EIDAAD MEMBERSHIP

GCET signed the EIDAAD membership on the 10th of August, 2022. EIDAAD is an initiative programme for university-level students to take a one-year internship in the industry. The programme is an opportunity for students to experience real work life through applied learning. EIDAAD programme aims to align academic with industrial needs and enhance the skills of students. GCET is proud of its students who successfully enrolled on the EIDAAD programme in the academic year 2022-2023.



OAAA/QA REVIEW VISIT

In October 2022, GCET completed the Institutional Quality Audit (IQA) by the Oman Authority for Academic Accreditation and Quality Assurance of Education (OAAAQA). IQA is the first stage in the institutional accreditation process by the OAAAQA. The IQA stage aims for HEI's self-evaluation of its practices in 9 scopes. The self-study results are summarized in terms of areas of strength and opportunities for improvement.

The IQA provides an assurance that the college's processes and practices are up to the standards set by the OAAAQA. It is also an improvement opportunity for the college through evaluating its current policies and their implementation. In addition, the quality audit leads to acknowledging the good practices and setting pathways for maintaining them. The IQA review panel visited GCET and interviewed staff, students and external stakeholders in October 2022.





Dr. Pooyan Rahmanivahid

Head of Academic Department of ME

On 21st of November 2022, Dr Pooyan traveled to Bristol to participate in the graduation ceremony of GCET students in UWE, as representative of GCET.



Dr Pooyan met with UWE academic and admin staff, and also visited a number of workshops and laboratories. The details of his visits are as follows:

Tuesday 22 November, 2022

Meeting with program leader of Building Services, Dr Patrick O'Flynn.

This program will be launched in February 2023, so the APL cases and module exemptions for the current applicants were discussed.

Dr Patrik opted to study the module descriptions of main programs applying for BSE, Diploma in Architectural Engineering, Civil Engineering, Quantifying Engineering and Draftsman Engineering, to be considered for the possibility of accredited learning mapping.



UWE VISIT

On Wednesday, November 23, Dr Pooyan attended Validation Panel meeting for Diploma degree, along with the GCET academic and admin staff. The validation panel approved the proposed program. Later, Dr Pooyan attended a meeting with UWE engineering staff, along with GCET ME academic staff that attended the meeting online.

New teaching/learning approach, ILF (integrated Learning Frame), was discussed, including how GCET will transfer to the new system.



On Thursday, November 24, Dr Pooyan had a meeting with MSc EM Staff. This meeting was chaired by Dr Ashraf, the Program Leader of MSc in Engineering Management, and the MSc EM teaching team of GCET. The meeting was held virtually and matters of concerns were discussed with the module leaders.



On Friday 25th, Dr Pooyan attended the Graduation ceremony of the GCET graduates in Bristol Cathedral and commenced his journey back to Oman on November 26.



Later, Dr Pooyan had lunch with Dr Mehmet, the external examiner and Dr Mazhar, former head of CIT at GCET.



Later, Dr Pooyan had lunch with Dr Mehmet, the external examiner and Dr Mazhar, former head of CIT at GCET.



In the afternoon, Dr Pooyan with the GCET graduates, visited student formula workshops, composite and manufacturing workshops, and simulation laboratories, where they had the chance to drive a vehicle and airplane simulator. They also visited a virtual reality house and 3D printing and modeling laboratories.





Dr. Amna Al Saadi

Head of Academic

Department of UPEM & Associate Professor

Educational institutions are the backbone of any country as they are building a trained and talented human power. No country can progress without the development of its human capital. The challenge at Higher Education Sector is bridging the gap between academia and industry. Over the coming pages, the Department of Urban Planning and Environmental Management is pleased to share its experience over the past six months. The following lines are the brief of the run-effort by the academic facility, students and the whole GCET family.

The rapid pace of change in the outside environment is compelling these Higher education and Industry to come together to address and solve some of the real-world challenges. As it is well known, GCET and UWE developed Programs Curriculum aligned with Oman Vision 2040 and Sustainable Developments Goals. The modules' specifications are pointing to assessment for students- course work which means an assessment that offers student-centric education, not faculty-centric education. It provides students with practice-based learning to try and train methodological competencies. Use the concept of Learning Factories which combine didactical approaches and existing concepts with emerging topics of the industry. Over multiple modules, the assessments were developed by selecting an existing problem which is addressed by the industry. In some assessments, the students were asked to identify a specific real challenge and proceed on it based on the required learning outcomes. An example of the former one is proposing

UPEM BI-YEAR CELEBRATION

solutions to improve public realm and enhance design quality for Marsa Al Mouj Muscat and presenting it for Al Mouj Muscat Developer at Module Achieving Design Quality (UBGMLA-15-2). While the campaign assessment at Module Environment and Sustainability is an example of the latter. There were some assessments that request students to execute a real- practice which has not been implemented in the local context yet such as development of the regional structural plan which is driven from the Oman National Special Strategy. The Omani Government has not reached this level yet, which gives the academia at UPEM-GCET a window to pursue a head of industry.

All types of assessments have outstanding results where students were able to blend both hard and soft skills judiciously and engage all stakeholders. Various UPEM students' works were presented at GCET Poster Night last June such as quantified studies about the GCET campus from Module Challenges, Data and Solutions (UBGMNR-15-0), proposals of policies for Regional Strategic Planning and Infrastructure from Module Strategic Planning and Infrastructure (UBGMFL-30-1) and proposals projects for developing Al Qurum Zone from Module Foundation Year Project (UBG-MPA-30-0). From Assessments of Module Environment and Sustainability, Students have executed many successful campaigns over 3 running years. The last successful campaign was Noble Blood Donation Drive which was conducted at the GCET campus on December 21st, 2022. Leaflets, Posters, Reports and other formats of communication tools are generated by all UPEM students.

For the future records of personal desire, It would be great to see employers coming forward and working exclusively with the academicians to create and develop

a shared model for jobs and curriculum to address their specific industry requirements. The successful model will ensure many benefits for everyone -the graduating students will find their transition into industry roles smoother, employers will be able to hire people who are skilled and job-ready and academic institutes will take great pride in seeing their students getting placed with good firms.

In conclusion, the Department of Urban Planning and Environmental Management is working on the three pillars, prospective academic, Effective Society and Industry engagement and Applied Research to enable the execution of Oman Vision 2040. The academic staff and their students deserve to celebrate our wins, progress and all the above-mentioned efforts. At UPEM, we have a culture of Bi-Year celebration when we share speeches and appreciation certificates. I would like to present my gratitude for the articles with yellow flowers shared by students to all academic staff. "Dear reader, please, read the articles from top-down and then from Bottom-up" UPEM students are requesting.



"Dear reader, please, read the articles from top-down and then from Bottom-up"



Department of Urban Planning and Environmental Management Bi-Year celebration



alumni network. My respected colleagues shared guest lecturer stories over the coming bags.

Deliberated Students' exposure to the industry provides a much-needed experience to the students which provides practical insights into how the industry operates and exposes students to the current realities of professional demands. Therefore, 45% of UPEM students have applied for an internship. And the same result was achieved with live projects- Jury assessing. It allows taking input from the industry to

Back to Academia and Industry which are two different worlds and operate on different pedestals. Both have different purposes and different ideologies and we worked to ensure the right chemistry between the campus and the corporate. This has been achieved by several means, Guest lecturer, field visits and site studies, workplace exposure through internships and corporate interactions, Jury practice, exchange professional visits and speech, corporate interactions and applied research.

The academic team worked on a systematic approach to Invite industry experts to conduct guest lectures for the majority of UPEM running modules. It allows industry interactions where the educator and the industry expert impart knowledge in the classroom. The former teaches theoretical aspects while the latter trains practical aspects to students to enable the students to relate theory with practice. The result is the depth understanding and realistic perception of real words from the students' side, at the same time it helps the guest to understand the pulse of the students and report back to the industry with their feedback. It enables the industry to prepare its induction programs and corporate training programs accordingly. Also, it helps both sides to create a strong

assess a course curriculum as per the industry expectations. The jury provided feedback from the industry and update the course curriculum and teaching pedagogy to meet the industry practice, Eng. Jokha Al Harthi was invited as a jury member for Module Achivieng Design Quality (UBGMLA-15-2) and we invited Eng. Muna Al Farsi for the Module Foundation Year Project (UBGMPA-30-0). As the expectations and aspirations of the industry are changing rapidly, they must come together, communicate and coordinate to achieve the desired outcomes. Also, the jury can be from Academia to the industry like what happened at Hakathoon 2022, as At last, Dr Eman Nasr was on the jury committee. The last type of jury is an academy-to-academy without the involvement of an industrial professional. I was invited as a jury for the Final Year Design Studio at Scientific College of Art Program of Architecture, Dr Eman Nasr ,Senior Lecturer, and Ms Aya Abbasi- Senior Lecturer was invited to Town Planning Modules at Scientific College of Art and Sultan Qaboos University respectively. The benefit of exchanging Jury is implicitly providing a benchmarking exercise.

In the 21st century, research drives industry and economy growth. Department of Urban Planning and Environmental

Management awarded funds from MoHERI under Block Funding Program for Academic Year 2022/23. The first one is Research Grant under the title: Healthy Air Wide Around and Never Added (HAWANA): Measurements of Air Pollutants Exposure in Oman for the PI: Suad Al-Kindi, Co-PI: Nemat El Hassan, and Co-I: Siham Al Hadhrami. The second one is Graduate Research Grant under the title "Relieving traffic congestion with least investment in infrastructure: a case study in Muscat" for PI: Zamzam Al-Rawahi- Urban Planning Lecturer and CoPI- Ghusun Al Jaradi and Supervisor: Dr Amna Al Saadi- Head of UPEM Department. It is hoped that both projects will engage students at advanced research activities.

On the other hand, focusing on the Academic members and their role in the industry is a key for bridging the academia and the industry to understand expectations, and recruiters to visit campus to empathies with the challenges of the educational institutions. It helps academia and industry to understand each other, empathise and bring the required changes to enhance employability. GCET appointed Dr Suad Al Kindi- Environmental Management and Practice Program Leader as a focal point with TRC. Also, they nominate me; Dr Amna Al Saadi as a focal point with OSE. Moreover the UPEM staff represents the Sultanate at National and International Forums as you will explore in the coming pages.

GCET prepares students with qualifications and competencies to enhance the employability of their students. The efforts of creating employable graduates are generated at the updated GCET governance. To ensure smooth communication and coordination between academia and industry GCET has appointed a career consultant who will facilitate the strategic dialogues and coordination. Also, GCET has a pointed Students Activities and Experience Officer to bridge the skills gap through extracurricular activities keeping the latest trends and technologies in view to enable students to become employable and deployable in the corporate world.

EPO DRIVE

The first ever EPO (Each One Plant One) drive for the students and the staff of GCET was held on 31st October 2022, which coincided with the 'Oman Tree Day'. Staff and students alike participated in this week-long drive by planting flower saplings. Beautification and recycling being the main theme of the drive, participants were required to bring a pot made of recycled material, and care for the plant to be eligible to participate in 'The Most Creative Pot' and 'The Most Beautiful Pot' competitions. Almost 80 students registered for the drive, of which 30 actually participated in the week-long drive. For most students, it was a 'first-time' experience of planting. They thoroughly enjoyed 'getting their hands dirty' and most of all created some memorable memories with their peers. The potting week concluded with the Dean leading the staff by planting saplings, followed with some light refreshments. It was a fun-filled morning for the staff as well. After a month, it was time

to conclude the drive by choosing the winners of the competition. Four judges - Mr. Saqib Hussain, Dr. Suad Al Kindi, Ms. Johaina Bani Oraba and Mr. Waleed Mawaali evaluated the competition and were overwhelmed by the creativity of the students and staff alike. In 'The Most Creative Pot' category for students, Ms. Hala Al Rasbi and Ms. Aysha Al Shamsi were awarded the first and the second prize respectively. Ms. Al-Zahraa Al Sakiti and Ms. Basmalat Al Aam were awarded the first and the second prize in 'The Most Beautiful Pot' category. In staff, Ms. Pooja Kharbanda got the first prize in 'The Most Creative Pot' and prizes were shared among Ms. Shainy Pinto and Mr. Joel Delmeida in 'The Most Beautiful Pot' category. The Dean awarded the winners with a trophy and certificates. The judges were also presented mementoes and certificates as a token of appreciation. All the other participants and volunteers were awarded certificates too.



Mrs. Greenal Wilson
Senior Lecturer (English)

This drive not only helped in beautifying the campus, but also created a sense of responsibility towards the environment. After the positive feedback from students and staff, the college plans to make this drive an annual event.



GCET SIGNED EJAAD MEMBERSHIPS CONTRACT

By: Dr. Amjed Sid Ahmed

Streamlined with the college research strategy objective 7 that encourages research collaboration and consultancy with business and industry, the college signed a membership contract for the EJAAD platform. The signing ceremony was on the 4th of November 2022 under the patronage of Her Excellency Professor. Rahma Al Mahrooqi, Minister of Higher Education, Research and Innovation.

EJAAD Platform is a research and development membership-based virtual collaborative platform where industry, academia and government interact and

engage in related research and innovation activities. It works as a marketplace that connects all Oman-based researchers and their know-how to industry needs and vice versa.

GCET aspires to be an active member of the platform by providing innovative solutions to industrial challenges that are aligned with the academic programs and research groups of the college.





Dr. Amjed Sid Ahmed

Director of Research & Innovation office

BRIEF DESCRIPTION

To obtain a diversified and sustainable economy based on technology, knowledge and innovation, embracing industrial revolutions and achieving financial sustainability, and in line with the directions of GCET institutional strategy and research strategy, the college successfully launched the Innovation and Incubation Centre (IIC) in the student hub building.

IIC operates with a maximum capacity of 16 workspaces, 4 of which are dedicated to incubating startups from outside the college. The college has appointed a research assistant and a business development officer (Solar Energy) to supervise the activities of the center, as one of the projects that the center is currently running is a solar energy project.

Centre's Vision:

To create an ecosystem that helps young entrepreneurs to initiate and grow in a business that addresses community needs and industry challenges, transform students into entrepreneurs by supporting creativity and innovation and increase innovation output from all academic departments to support and contribute to the objectives and strategic directions of Oman Vision 2040.

The main areas to focus on are to cover the academic specializations of all GCET departments.

The areas covered by IIC include:

- Information & Communication Technology (ICT).
- Manufacturing and Engineering.
- Urban Planning and Sustainable Environments.

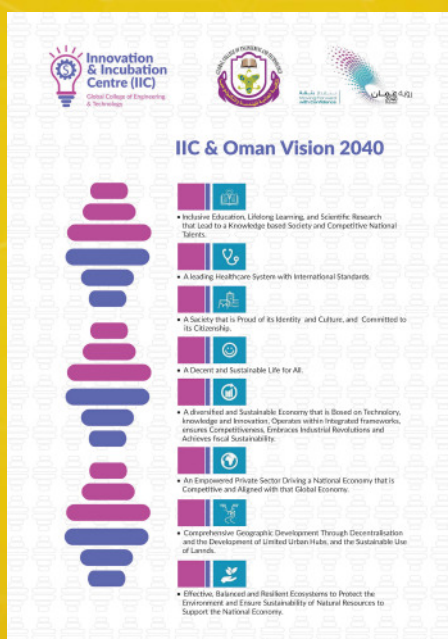
The Centre built a partnership network with academia and industry to remain aligned with the UN Sustainable Development Goal no 17, Partnerships for the Goals.

LAUNCHING OF INNOVATION AND INCUBATION CENTRE (IIC)



Incubated Startups:

Currently, the center incubates two startups SAHL and ALAMEEN both of which are former graduation projects for the degree of B.Eng. (HONS) in Software Engineering in the academic department of Computing and Information Technology (CIT). SAHL is a secured mobile app for grocery self-payment that allow citizens to scan products using a QR code and instantly make the payment with their mobiles without the need to queue in cashiers lines. ALAMEEN is also a mobile app that tracks kids inside the school's bus and instantly reports trip status to parents. The app works by scanning QR codes on students' IDs when they are picked up and dropped off. The app is developed to protect kids from getting missed from buses.



GCET - HUAWEI COLLABORATION ACTIVITIES

Dr. Amjed Sid Ahmed | Director of Research & Innovation office



On August 7, 2022, a senior team of GCET's visited Huawei's Middle East Regional ICT Training Center. They met the Vice President of Public Relations (Sultanate of Oman), Mr Malik Al-Wahaibi, in addition to the Head of Public Relations for the Middle East region, Mr Shunli Wang and a number of the center's senior members. During the visit, they were introduced to the center's activities and services provided to its trainees. The visit aimed to open collaborative opportunities between both parties in innovation, SMEs and the ICT field.

In preparations for the National Exam of Huawei ICT Competition 2022 - Middle East-, GCET hosted the national training for a period of 25th to 27th of October 2022. Around 50 students from different HEIs in the sultanate attended this training session.

LAUNCHING OF POST GRADUATE CENTRE (PGC)

Dr. Amjed Sid Ahmed | Director of Research & Innovation office

In alignment with the expansion plan of the postgraduate programs at GCET, the college has now a Post Graduate Centre in building C. The center has high specifications computers in addition to mobile learning and working spaces to be shaped as required. The center also has a coffee area and a spacious Lounge for the comfort of students. In addition to classes and modules delivery, the Centre will also be used to host seminars and guest speakers talks.



GCET - ASU BENCHMARKING VISIT

Dr. Amjed Sid Ahmed | Director of Research & Innovation office

"Following the signing of the Letter of Understanding between A'Sharqiyah University (ASU) and Global College of Engineering and Technology (GCET), a delegation from GCET visited the College of Engineering (CoE) at ASU last November. The visit addressed and discussed benchmarking for academic programs and research, potential joint research areas and activities has been discussed and agreed on."

MOHERI BLOCK FUNDING PROGRAM AWARDED PROJECTS

Dr. Amjed Sid Ahmed Director of Research & Innovation office

The Global College of Engineering and Technology (GCET) participated in Ministry of Higher Education, Research, and Innovation (MoHERI) Block Funding Program (BFP) call 2022. This was the second time that college participated since its establishment in 2014. In total four proposals, were awarded funds, with one under BFP-Research Grant (RG) and three under BFP- Graduate Research Grant (GRG). A total of 29,000 OMR in research funding was allocated by MoHERI. The college is proud and acknowledge its staff for doubling the number of the awarded projects compare to last call.

Under the BFP-Research Grant (RG), a project in air quality titled "Healthy Air Wide Around and Never Addled (HAWANA)" received a fund of 20,000 OMR. The project will be conducted by Dr. Suad Al- Kindi as a Principal Investigator from the Department of Urban Planning and Environmental Management and Dr. Nemat Al Hassan as Co-Principal Investigator from Electrical and Electronics Engineering Department.

The project " Healthy Air Wide Around and Never Addled (HAWANA)" is a 2 years' investigation of PE in Sultanate of Oman aiming to explore air pollution exposure of residents in Oman during their daily traveling journeys. The study will recruit 100 nonrandom adult volunteer subjects from all 11 Governorates of Oman and instruct them to wear a shoulder bag of personal air monitoring equipment during their daily journey to measure urban ambient pollutants such as Ozone (O3), Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen dioxide (NO2), Hydrogen sulphide (H2S) and Particulate Matter (PM). It is expected that the scientific findings and recommendations from HAWANA will provide quantified evidence of human exposure which is ultimately needed in national legislative. This will improve the rank of Oman in the Environmental Performance Index (EPI) and World Health Organization (WHO) sustainability indices. Recommendations from HAWANA to authorities and public awareness are expected to encourage the public to change their behaviour to improve air quality in the country.

Under the BFP-Graduate Research Grant (GRG), a project in urban planning and smart cities "Relieving traffic congestion with least investment in infrastructure: a case study in Muscat" received a fund of 3,000 OMR. The project members are Ms. Al-Rawahi, Zamzam as a Principal Investigator from the Department of Urban Planning and Environmental Management, Head of ICT Support Services Mr. Ghusun Al Jaradi as Co-Principal Investigator and supervised by Dr. Amna Al Saadi.

The aim of this study is to study the traffic congestion situation in Muscat to be able to test and assess the viability of some strategies and policies that will contribute in the reduction of traffic congestion in Muscat with least investment in infrastructure. The study will be conducted in 3 main stages:

Stage 1: location identification and exploration of the main characteristics of the selected location.

Stage 2: data extraction using data mining and deep learning algorithms to collect data from Google Application Programming Interfaces (API).

Stage 3: traffic simulation with the proposed hypothetical scenarios (activating public transport and car sharing) using SUMO software. The findings of this study will act as a tool that will support decision makers to relieve the effect of congestion in Muscat roads.

This research will form a basic understanding of the current traffic status and will act as a decision making supporting tool for policy makers and urban planners in taking decisions and adopting policies related to traffic networks and public transport systems. Adopting suggested policies might contribute to the reduction of traffic congestion which will implicitly help in achieving economic, social and environmental sustainability. The 3 pillars of sustainability are the major focus of Oman Vision 2040.

Another project titled "Designing and fabrication of portable indentation with various indenters to determine mechanical properties of materials" received

a fund of 3,000 OMR under the BFP-Graduate Research Grant (GRG). The project team consists of Mr. Said AL-Mufarraj from Mechanical Department as a Principal Investigator, Ms. Balqees Al Shaqsi from as a Co-Principal Investigator from Electrical and Electronics Engineering Department the project supervised by Dr. Morteza Khashehchi.

The main aim of this research project is to design and manufacture a portable indentation set-up, which can equip any kind of universal testing machine for indentation tests. Therefore, the main part of set-up is a designed holder, which can assemble the indentation part to the universal testing machine.

The fabricated portable indentation set-up in this project can be equip any kinds of universal testing machine, which will be useful to improve the performance of tensile testing machine in all universities of Oman. This set-up will help the researchers of Oman to calculate the mechanical properties of materials, including steels, polymeric materials and composites with a non-destructive method.

The third project awarded a fund of 3,000 OMR under the BFP-Graduate Research Grant (GRG) titled "Gold Recovery from E-waste in Oman: Exploring Enhancing Recovery Techniques". The led by Ms. Balqees Al Shaqsi from Electrical and Electronics Engineering Department as a Principal Investigator and supervised by Dr. Taleb Moazzeni.

This project, team members are going to explore and evaluate the performance of several Gold recovery techniques such as electrodeposition, use of bioleaching microbes, microwave pyrolysis, leaching, solvent extraction, oxidative precipitation, and hydrometallurgical. They will demonstrate the effectiveness of these techniques to find out the most efficient technique with highest rate of Gold recovery with minimum threat to the environment and least energy intensive. GCET appreciated the efforts that both teams made in order to receive this funds, warmly congratulate fund receivers and wish them all the success and best of luck with there projects.



Dr. Ahmad Hosseini
Head of Foundation Studies

The summer and autumn of 2022 were hectic, fruitful and exciting times for the Academic Department of Foundation Studies. After the General Foundation Programme (GFP) was audited by OAAA in 2019, we were tasked to improve the GFP. This process required our Academic Staff to highlight the areas which needed to be improved. Then, we had to revise the programme including the modules, assessments, policies, syllabi, etc. The benchmarking process with Sultan Qaboos University included three meetings and the team included other Omani and International programmes as well. The suggested revision of the GFP was approved by the Ministry of Higher Education, Research and Innovation in May 2022 and the Department of Foundation Studies immediately started to implement the Action Plan.



A SEMESTER WITH THE NEW GFP: CHALLENGES AND ACHIEVEMENTS



The next step was to set up the new Placement Tests which consisted of the "Michigan English Placement Tests" (MEPT), Speaking, Writing, Mathematics, and ICT tests. The new textbooks for the English language were introduced ("Q Skills for Success" by Oxford University Press), and the lecturers received training workshops for these new textbooks. The Academic Calendar and Induction Sessions concluded the summer activity and the First Semester of the Academic Year 2022-23 started on September 25th.



The College has also hosted the first International Competition of the Leco Cup in Oman. "Leco Gulf" is an innovation company with branches in 9 countries that promotes science and technology for school children. As GCET and Leco Gulf have a Memorandum of Understanding to have partnerships in different academic areas and events, the College hosted this event for more than 170 students from Iran, Iraq, Turkey and 17 international schools in Muscat. The students competed in seven different branches of science including chemistry, intelligence, maths, and robotics. After a full-day competition, the winners were awarded and families celebrated their success.



LECO CUP



GCET AND SQU COLLABORATIONS: BENCHMARKING OF GENERAL FOUNDATION PROGRAMME (DEPARTMENT OF FOUNDATION STUDIES AND CENTRE FOR PREPARATORY STUDIES)

Dr Ahmad Hosseini | Head of Foundation Studies

GCET and Sultan Qaboos University signed an agreement regarding the benchmarking of General Foundation Programmes on May 9, 2022. The agreement included numerous aspects of academic practice at both institutions, including Teaching/Learning, Assessments, GFP Placement and Exit Tests, Benchmarking Systems and Students' Advising.

The work started immediately and three meetings were held so. For the first meeting, Dr Ahmad Hosseini, Head of Foundation Studies, and the GFP Module Leaders visited SQU on May 24, 2022. Both parties presented their programmes and shared ideas on their common practices. On Placement Test, SQU team recommended having the team to be trained for producing the in-house assessments. They also suggested that there should be parallel versions of Placement Tests. The GCET Team highlighted that they will use an internally recognized Placement Test for the Academic Year 2022-23, and in the meantime, they will start working on the Assessment training. Both sides also agreed that there should not be any preparation or samples for Placement Tests. GCET follows the CEFR benchmarking system for English which can be mapped with IELTS as well.

The second meeting was held on June 30, and the GCET Math team visited SQU and discussed related matters including teaching material and methodology, assessment procedures and marking, and supporting the students. The team also agreed to have a Math glossary on Moodle with important topics and definitions written in English and Arabic with examples.



By the beginning of the new Academic Year, the SQU team of academic and quality assurance team visited GCET for the third benchmarking meeting. The guests were received with a warm welcome from the head of Department and toured the GCET premises and facilities. This full day event concluded other important aspects of the practices by GCET and SQU. Progress policies from GFP to UG level were discussed and the Modules which are taught at GFP were reviewed. The student support system which is practised at GCET is one of the best in the country as we have multiple level of support, advice, and coaching.

As the revised version of GFP was approved by the Ministry of Higher Education, Research and Innovation, these meetings and academic collaborations helps GCET ensure the highest quality and maintain international standards for the students. The next round of benchmarking meetings will be held in the second semester of 2022-23 to review the remaining areas of discussion.





Ms. Pooja Chhabra
Senior Lecturer (English)

GFP Club, as the name suggests, is a club specially designed for foundation students. Through various academic and non-academic events and activities, the club strives to cater the best training to students for their all-round development. The events include competitions, workshops, excursions, celebrations of special days etc. in which all the students are encouraged to take part.

**PEACE, HAPPINESS AND JOY
ARE NATURAL IN LIFE!
EXPLORE COURAGE, LOVE,
POSITIVITY AND PEACE**



With the start of the new semester in October 2022-2023, the club organized a Heartfulness Meditation session in which students were taught various techniques to enhance their focus in academics, along with ways to remain calm and happy in adverse situations.



GFP CLUB - A PLATFORM FOR STUDENTS' PERSONALITY DEVELOPMENT

STRESS MANAGEMENT SESSION MYTH OR REALITY IN OUR LIVES

Freshmen are generally filled with anxiety and several phobias while transferring from school to university for higher education. Some students begin their hostel life for the first time or for some, it is completely new to be in a multicultural environment. Then there is a group of learners who worry about subjects and their performance in college. With the intention to prepare students better from the beginning, a yoga practitioner was invited to deliver a session on stress management. The session concluded with meditation and some relaxation exercises.



SPEECH COMPETITION MY TOWN / CITY

With the aim to introduce new students to public speaking, a familiar topic was announced for a speech competition in which a large number of students participated. This competition was an icebreaker for the upcoming events. It helped motivate students to be a part of upcoming events related to English, Math, and ICT.



INTER COLLEGE ORATORY COMPETITION THE NATIONAL DAY OF OMAN

The club makes sure that students are not only prepared for in-house activities and competitions, but also interactions with the community. GFP students are often exposed to the local community through inter-college competitions. The club collaborated with the Scientific College of Design and Majan University College on the occasion of the Omani National Day for an Oratory Competition. The event enhanced the self-confidence in GFP learners to interact with students from other higher educational institutions. Through such events, students learn to express their opinions in public and simultaneously accept others' opinions and beliefs too.



MATH WORKSHOP USE OF MATH SOFTWARE FOR SELF LEARNING

Math is a subject in which we improve as we learn more. To get ready for the next lesson, students should have a good grasp on what they have already learned. In the Math Workshop, students got a chance to learn about a math software through which they could solve problems easily and fast, get a grasp of what they did wrong, trust themselves with their assignments and tests and eventually, enjoy solving math problems.



ICT QUIZ THE OWNER OF THE TITLE IT EXPERT

To inculcate confidence in students about Information Technology, an interesting quiz was organized and to encourage them to participate in it, the winner of the competition was entitled as 'IT EXPERT'. What a delightful way of bringing students on board!!



AN EXCURSION TO BEACH A FUN-FILLED DAY OUT

At the end of the semester, students were taken for an excursion to the Grand Hyatt Beach, Al Qurum. Such outings facilitate students to learn many values like team work, helping each other, playing together, and keeping the environment clean outside the classroom. The educational value of such outdoor activities is unbound. Additionally, students were asked to write a report on the trip including sensory details.



SHADES OF UNITY IN DIVERSITY THE CULTURAL DAY

Last but not the least, the semester ended with a boom celebrating a cultural day in which GFP students worked unitedly to represent ten different cultures around the world providing them the platform to exhibit their talents and also to educate their peers on the heritage of the world.



PRIZE DISTRIBUTION A DAY OF AWARDS AND APPRECIATION

The club makes sure to reward each and every participant with certificates, gifts and mementos for taking initiative to participate and excelling in specific fields.

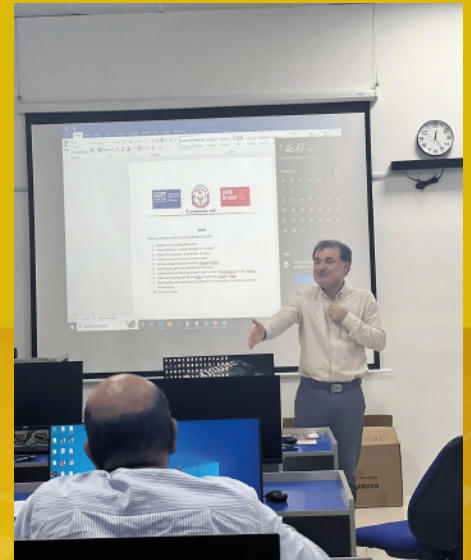




Dr. Javeed Hussain
HoD of EEE



Pic 1: Annual Achievements report 2022 presented by Dr Javeed Hussain



Pic 2: Presentation by Dr Taleb about his research outcomes on finding poles for stability in wireless communication.

DEPARTMENTAL ANNUAL MEET 2022

On 29th Dec 2022, the EEE department gathered for the Annual Meet. The Head of the Department Dr. Javeed Hussain briefed the staff about the achievements attained all together in 2022 and explained the target of 2023, assigned the task to the staff to achieve the reflective outcomes as in previous years. In this annual meeting, Dr. Taleb presented his research outcomes in the field of Wireless communication and expressed his gratitude to the college for providing the Superfast computer for simulating the research work as a facility to support the staff in research. At the end of the meeting, the staff presented gifts to Dr. Nemat for her Newborn baby and greeted her. The annual meeting ended with traditional Iranian cuisine.

The Department of Electrical and Electronics...
Wish all Happy new year 2023!!!!



Pic 3 : Gift Presented by Department staff to Dr. Nemat for her newborn baby princess.



Dr. Muhammad Irfan. Memon
Associate Professor

During this current semester, the GCET Electrical and Electronic Technical (GEETECH) student society took the initiative and involved GCET students in different engineering events that had a great impact on the professional development of students. GEETECH is grateful to honorable Dean Professor Geoffery Elliot for providing all the required support for developing this student engineering society. Following are the events that have not only provided participants with a great experience of working on professional activities but also created awareness among the other students to join the GEETECH and demonstrate their skills through efficient engineering work.

1. EEE Capstone Project Design Exhibition

The event is supported by IET on-campus student group and IEEE student group to showcase the individual project work of the final-year students at the department of Electrical and Electronics Engineering. The exhibition was held on 20/10/2022 in the Front sitting area of the academic block B. All the participating students have received certificates of appreciation.

The Capstone/ Individual projects allow the final year students to experience the rigor and structure of a full-cycle design, including:

- Problem definition
- Benchmark studies
- Concept generation and feasibility study
- Engineering design analyses
- Prototype fabrication and testing

GEETECH ACTIVITIES

Following figures demonstrate the activities:



This exhibition has provided an opportunity for EEE department level 2 and level 1 students to learn from the graduating students on how to manage time and improve engineering skills so that they can approach the capstone project with the right directions.

2. Seminar Free Open-Source Software-LOGISM (A perfect tool for active teaching and learning)

GEETECH arranged a seminar for students to learn LOGISM that is a simulation tool for designing the digital logic circuits. It was held in CP2 auditorium 01/11/2022 in which the guest speaker Dr. Sayyid Samir Al-Busaidi, Assistant Professor Sultan Qaboos University was delighted to see the attitude of GCET students towards learning the Electronics Engineering.



3. Oman Day Celebration

GEETECH students participated actively in the Oman day celebrations. They designed different activities



4. Industrial Visit to Oman Cement Company

GEETECH organized an industrial visit to Oman Cement Company (OCC) located in Al Misfah region on December 11, 2022. 30 participants that include 26 students who are member of IEEE and IET have gained knowledge about the automated and control system that is being used. We are thankful to the OCC management team to allow our students to witness the real-time processing of state-of-the-art industrial system. It helped the student to learn many instrumentations and control system.



ACADEMIC DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (EEE) ACTIVITIES AND EVENTS

Dr. Javeed Hussain HoD of EEE

The Academic Department of Electrical and Electronics Engineering (EEE) is motivated to develop and enhance the skills of Omani individuals to be innovative, creative, and potential entrepreneurs. There is an innovation and research lab space dedicated to working along with staff and students on different projects. Talks are arranged for students from the related industry to understand the needs and to develop projects to address those needs. The students work along with the staff of the department on scientific research and innovation projects. The staff and students can apply for the funded projects provided by TRC to build a knowledge based economy and society.

Event 1:



On November 23, 2022 the students and staff of the Department of Electrical and Electronics attended a hands-on workshop on Industrial Ethernet and EtherCAT technology invited on behalf of Mazoun electromechanical Co (MEMCO) conducted in Hormuz international.



Students and Staff attending in the Exclusive ETG event on EtherCAT technology

Event 2:

On October 10, 2022, we, the Department of Electrical and Electronics, visited the Oman science festival 2022 to enlighten ourselves with the technology and current trends.



Dr. Mohatarm, as a judge, at one of the events in the festival

Event 3:

On 11th Oct 2022, Fourth student national symposium was conducted at UTAS. Dr Nemat, Miss. Saba Al Jayyusi and our student, Marwa Al Mamari, attended the event and hosted the IEEE Membership booth in the venue.



Students of the EE Department representing the IEEE section at UTAS in the international conference.



Staff and Students visited Oman science Festival 2022



Dr. Mira Chitt
Associate Professor

1. OPES:

The mechanical engineering department visited the OMAN PETROLEUM & ENERGY SHOW (OPES) on 22 April 2022, at the Oman Convention and Exhibition Center. It is the only event in Oman that serves the entire oil and gas industry. The show provides an effective business and networking platform, serving as a key meeting point for energy professionals, oil and gas companies, policy and decision-makers, and stakeholders. The staff visited several exhibitors and exchanged knowledge regarding the new technology in this field.

2. Science Festival:

The mechanical engineering department participated in the third edition of the Oman Science Festival 2022 with the motto 'Together we live the passion for science' for the period 10-15 October 2022, at the Oman Convention and Exhibition Center. The festival was kicked off under the patronage of Eng. Said Hamoud Al Ma'awali, Minister of Transport, Communications, and Information Technology. The mechanical engineering department staff presented to the visitors the outstanding projects that had been done by the mechanical engineering students in the college.



ACADEMIC DEPARTMENT OF MECHANICAL ENGINEERING (ME) ACTIVITIES AND EVENTS





Dr. Janaki Sivakumar

Acting Head of CIT | Associate Professor

Aside from regular academic development, the activities to develop students in any HEI focus on skill enhancement. The primary goal of these activities is to improve students' conceptual understanding and practical application of knowledge, as well as their research aptitude. This adds to the holistic development of students, transforming them into critical thinkers. Additionally, these student development activities will increase the student's General Knowledge in terms of what is going on in the outside world, such as current market demand, and bridging the gap between theory and practical knowledge.

The Department of Computing and IT organized several student development activities in this academic year 2022-23 from October '22 -December 22).

1. Webinar-1:

Under the initiative from BCS Student Chapter in charge Dr Janaki Sivakumar. The department organized its first Webinar on "System Vulnerability Test using Tools" which was delivered by Mr Salim Said Al Hasni, of UTAS, Alkhuwair on 15th November 2022 Tuesday. A total of 50 students attended the session from Level 2 and Level 3 and gained knowledge in the areas including vulnerability attacks in Network and how to use the NMAP tool.



STUDENT DEVELOPMENT ACTIVITIES FROM CIT (OCTOBER-DECEMBER 2022)

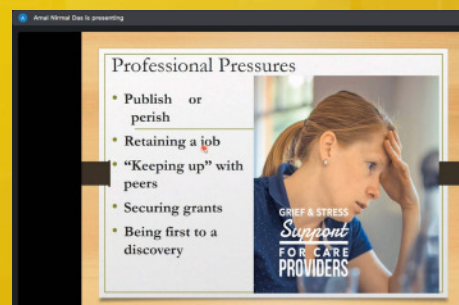
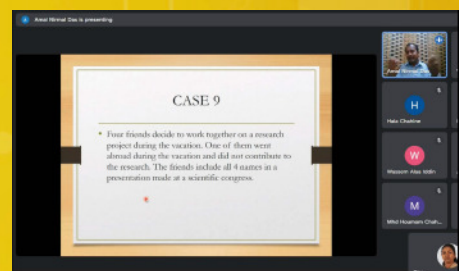
2. Workshop-1

With the support of the IEEE Oman section, the CIT Department invited Mr Sathish Nachappa, from Middle East college to deliver a workshop to the students of Level-1 related to "Simulation of Digital circuits" on 18th December 2022. This workshop was aimed to provide sound knowledge to students in handling Circuit Wizard Tool, which is a support tool for designing Basic to combinational Circuits. Students gained a handful of experience in Logic Circuits, how and where we can build it in application areas such as IoT.



3. External invited Talk-1

As a part of support to MSc Data Science Students in their Group Project development, Department invited the external resource person, Dr Amala Nirmal Doss, Assistant Professor from Muscat college to deliver a special lecture on "Academic Offence -How to avoid" to MSc Data Science Students, a batch of 12 students gained knowledge of types of plagiarism, authorship nature, ethics and where to focus to avoid academic offence.



4. Conference Participation.

The second conference on Big Data & Analytics 2022 was a great opportunity for MSc Data Science students to explore areas of Big data and Analytics such as Data Policy and Strategy, Intelligence Business Model, Advanced AI and ML, Data Security and So on.

06 MSc Data Science students of GCET with 1 Faculty member Dr. Janaki attended the Meet on 6th and 7th December 2022 at crown plaza.



Dr. Raza Hassan
Associate Professor



The CIT department organized a workshop on the Fundamentals of Cryptography for its students. Dr Ali Abbas, Faculty, Department of Computing, at MEC, conducted the workshop on 25th December, 2022.



The CIT department of GCET arranged an informative session on Digital Contracts by the Intelligent Experience Information Company on 13th December, 2022.



CIT STAFF ACTIVITIES: CONFERENCE AND WORKSHOP

Dr. Raza Hasan and Mr Saqib represented GCET at the International Conference on Teaching and Learning - Digital Transformation of Education and Employability held at Middle East College Oman on 15-16 November 2022.

Dr. Raza Hasan who is also a member of the Technical/Steering Committee, chaired the session at the conference. Mr Saqib presented the paper on "Chatbot in e-learning" and the participants' enthusiasm in the paper was quite warm as this can be applied in Higher Education Institutions.

Dr Raza Hasan presented the paper "Group Work Assessment: Assessing Peer Assessment at the Global College of Engineering and Technology" the paper emphasizes the marking of group assessments.

Dr Raza Hasan has given a Guest lecture on the topic of "Latest Trends on Digital Investigations" on 18th December 14, 2022 at Middle East College Oman.

Guest Lecture



inSign
Elektronische Unterschrift

EXPERT TALK ON INTERNET PROTOCOL

Dr. Muzammil Hussain
Associate Professor

Management and staff on behalf of Middle East College extended their gratitude to Dr Muzammil Husain, on delivering an expert talk on "Internet Protocol" on 29th December, highlighting IP and applications in today's era.



MEC-BCS DEBATE COMPETITION

Mr. Saqib Hussain
Assistant Professor

A team of 3 students from the CIT department participated in a debate competition at Middle East College held on June 5, 2022 and got the 2nd position. Debate competitions can be a great way for students to develop their critical thinking, public speaking, and argumentation skills, as well as to learn about the topic of the debate. The theme of the debate competition was cyber security which is a relevant and important topic in the Sultanate of Oman and so is for our computer security and forensics students. Congratulations to the team members, Zainab Othman Al Balushi, Fatemeh Mohammad Haghnejat, and Aysha Khalfan Khamis Said Al Hadi, on their accomplishment!





Dr. Eman Hanyeh
Associate Professor

The Urban Planning and Environmental Management department organized a Field Trip for level 2 students to walkabout the site, observe and study the natural and artificial features of Wadi Al-Khoud and Wadi Al-Manuma, Muscat to explore and study the site from different aspects, to complete the required assignment.

The visit aimed to observe and study the formation of the city by doing pre-field reading, writing notes, and sketching plans and sceneries from the site. The visit started with a walkabout of Wadi Al- Manuma and a visit to the proposed area for development by the Ministry of Housing and Urban Planning beside the Wadi to be developed as a public



FIELD TRIP TO WADI AL-KHOUD AND WADI AL-MANUMA

garden. It then took notes regarding the surrounding area to prepare a publicity leaflet about the Wadi and its natural and artificial features to attract local and foreign tourists. The visit ended with a walkabout Wadi Al-Khoud to explore and study the site from different aspects and discover the natural and artificial features that will be used as valuable materials to attract tourists.

Students liked the location of the field trip, as they drew sceneries in the field regarding their proposal for the publicity leaflet. Field trips improve cohort cohesion, teamwork, and time management skills. Students learned a lot about the existing natural and artificial features. Most students were satisfied with the field trip, and around 40% suggested spending longer at the site or revisiting it to improve and develop their proposal. The field trip is considered a crucial component of the learning process. It acts as a practical part of the studying process. It aims to connect the theoretical aspects to the practical aspects.

JURY PANEL PARTICIPATION IN THE SCIENTIFIC COLLEGE OF DESIGN

On December 8th Dr. Eman Nasr, Associate Professor at Urban Planning and Environments Management Department, was invited to participate in the Midterm Jury Review of Design St. VII (Architecture). Dr Eman joined Dr Mohamed Khalil HoD at SCD and Ms Mona Al-Farsi from the industrial sector.

The projects discussed the architectural design of Architectural Residential Towers including the architectural and technical drawings. Students presented their projects individually. The project went through a strict assessment process and informative feedback had been given to students in order to develop and enhance their work before the final submission.



JURY PANEL PARTICIPATION IN SULTAN QABOOS UNIVERSITY

Ms. Ayah Abbasi | Assistant Professor

On December 22nd Ms. Ayah Abbasi, Assistant Professor at Urban Planning and Environments Management Department was invited to participate in the jury panel to assess the 4th year project at the Faculty of Engineering, Department of Architecture and Civil Engineering. Eng. Ayah joined Dr Islam and Dr Naeema, professors from SQU Along with Mr Assad and Miss. Romana from Atkins. Students presented their project in 6 groups. The projects discussed and proposed very interesting urban regeneration solutions and concepts in order to renovate Harat Al Shamal in Mutrah.

Presentations were very successful and most of the project fulfilled the requirements and criteria in different ways. However, the project went through a very strict assessment process and informative feedback had been given to students in order to develop and understand the opportunity for enhancements.





Ms. Ayah Abbasi
Assistant Professor

FIELD TRIP TO HARAT ALBILAD

As a part of the Module of Shaping Cities, and in order to achieve the learning outcomes, Students of the Urban Planning program had a visit to Harat AlBilad in the wilayat of Manah, under the supervision of Mrs. Ayah Abbasi, the Module tutor. The Hara is in Al Dakhiliyah Governorate and is one of the biggest and oldest historical urban fabrics in Oman, which was built with high levels of environmental and urban standards. Harat Albilad plays a vital role as a traditional Omani urban fabric, making it a rich material and case study for many researchers locally and internationally.

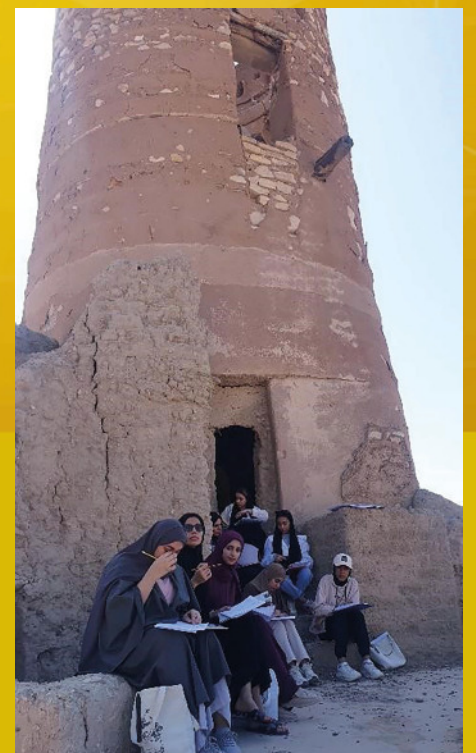
The visit was a good chance for the students to investigate the cultural and local urban features, get introduced to their local heritage, and learn from it. Mr. Taymoor, the Harah Guard, took the students on an inclusive tour and explained all the streets and parts of Harah, such as how many houses, mosques, and towers it has. Then students chose three locations to draw the perspective and study the urban features. The visit was fruitful and enriching to the student's field trip experience.



VISIT TO THE MINISTRY OF HOUSING AND URBAN PLANNING

A group of GCET Urban Planning Students under the supervision of The HOD Dr Amna Al saadi and Eng. Ayah Abbasi visited the Planning Department at the Ministry of Housing and Urban Planning as a part of the Department's plan for Collaboration with the ministry and getting introduced to the local national planning system and planning strategies in order to reflect on The Modules course-work and research. During the visit, Dr Hanan Al Jabry and Eng. Ibrahim Al Waeli presented the national Urban Plan ONSS and explained how it is linked to Oman Vision 2040. The visit was in the presence of His Excellency the Minister of Housing Dr Khalfan Al Shuaily.

Dr Khalfan had a direct conversation with the students and gave valuable input. Some discussions took place on future cooperation and agreements between GCET and the Ministry of Housing and Urban Planning. The visit was very fruitful and inspiring for students.





Dr. Issa Mahmoud
Associate Professor

**EXTERNAL SPEAKER FOR
THE MODULE
"ENERGY FUTURES:
POLICY AND PRACTICE",
L2, UPEM DEPARTMENT**

Dr. Khalil Al Hanashi, the senior energy renewal advisor at PDO, kindly delivered a lecture to our students entitled "New Energies Landscape in Oman". The main points of the lecture were the energy policy and renewable energy applications along with the future plans in Oman. Dr. Khalil explained the energy policy of Oman as follows:

- Oman Vision 2040 targets an additional 2.8 GW of installed renewable capacity until 2030 and a further 5 GW until 2040.
- Solar potential: average specific PV output between 4.75 -5.62 kWh/kWp per day, with a Direct Normal Radiation between 5.01 -7.03 kWh/m² per day.
- Wind potential is high in the south and eastern coastal area with 8.5 m/s at 100 m in the top 10% windiest areas (exceeding 9-10 m/s in Dhofar, on the coast).
- Oman's technical solar electricity potential lies 136 times above current electricity demand, with an estimated output of 4,200 TWh/year, while wind could further contribute with another 3,000 TWh/ year.

Dr. Khalil explained that in Oman we could double power generation capacities by 2040 (compared to current 14 GW installed capacity) based on the development of renewables to:

- (a) Decarbonize energy consumption and
- (b) Feed green hydrogen production

The lecture was greatly supportive to the students' learning.



**ONLINE LECTURE
FOR OMAN
SOCIETY OF ENGINEERS**

Dr. Issa Mahmoud, associate professor in the Department of Urban Planning and Environmental Management, Global College of Engineering and Technology, was invited to deliver an online lecture by the Oman Society of Engineers entitled "Operation Principle of the Absorption Refrigeration".

First Dr. Issa explained the operation principle of compression refrigeration which is the most widespread system in air-conditioning and food and meat preservation systems to clarify the electricity consumption mainly by the compressors of these systems (electrically-driven cooling). Then he explained the operation principle of absorption refrigeration which does not contain a compressor but is driven by thermal energy (thermally-driven cooling) which can be utilized by solar thermal collectors. Oman is described as an excellent sunny area, and it is proven that in summer months, the consumption of electricity rises dramatically because of the ACs installed in every building all over the sultanate. Therefore, the absorption refrigeration system is considered environmentally friendly, especially because its working fluids contribute neither to ozone layer depletion nor to global warming.

**EXTERNAL
SPEAKER FOR THE MODULE
"ENVIRONMENTAL
PSYCHOLOGY", L2**

Dr. Marwa Ali Talib Al Hinai, assistant professor of marketing at Sultan Qaboos University, kindly delivered a lecture to our students entitled "Behavior change theories, models and tools". Dr. Marwa explained the so-called "Diffusion of Innovation Theory", developed by E.M. Rogers in 1962, which is one of the oldest social science theories. It originated in communication to explain how, over time, an idea or product gains momentum and diffuses (or spreads) through a specific population or social system. The end result of this diffusion is that people, as part of a social system, adopt a new idea, behavior, or product. Adoption means that a person does something different than what they had done previously (i.e., purchase or use a new product, acquire and perform a new behavior, etc.). The key to adoption is that the person must perceive the idea, behavior, or product as new or innovative. Then Dr. Marwa explained the six stages that people go through to change their behavior, starting with "pre-contemplation" and ending with "termination".

The lecture was greatly supportive to the students' learning.



EXTERNAL SPEAKER FOR THE MODULE "PHYSICAL AND HUMAN ENVIRONMENTS OF CITY REGION", LO

Dr. Issa Mahmoud
Associate Professor

Mr Abdallah Abdul Hafez, a Lecturer of environmental sciences at the University of Applied Sciences, kindly delivered a lecture to our students entitled "Muscat climate change". Mr Abdallah explained the concept of weather and climate changes and also how the climate of Muscat and Oman has changed over the period of time, in different eons through the evolution of the earth. Mr Abdallah then explained the factors which are responsible for climate change and guided the students to be well aware of recent climatic talks such as COP 22 summit and green hydrogen summit in Oman.

The lecture was very interactive and helped students think critically.



Mrs. Sazya Firdaus
Assistant Professor



Ms. Halima Al-Hinaai
Assistant Professor

FIELD TRIP TO AL MOUJ

The department of Urban Planning and Environmental Management organized a site visit for level 0 students with the aim to observe and study the formation of Al-Mouj Muscat by doing pre-field reading, writing notes and taking interviews from the site. The visit also aimed to observe and study the land use concept and its use in the city.



The visit started with a short introduction to Al Mouj and its commercial areas and features. After that, students moved to a residential district in Al-Mouj which is considered one of the very sustainable and human-friendly neighborhoods in Muscat. They took some interviews with the administrative buildings staff to get an idea about the planning to develop the city.

Overall, Site visits are a very important component in the learning process, they act as a practical part of their study and aim to connect the theoretical aspects to the practical aspects.

WIND ENERGY IN OMAN LECTURE DELIVERED BY AL-MUKHTAR AL SAIFI

As part of the Managing Global Resources module and to broaden the environmental management students' Knowledge, Eng. Al-Mukhtar Al Saifi conducted a lecture about wind energy in Oman. With his deep experience of over eleven years across varied industry sectors and as the manager of Dhofar Wind Farm Eng. Al-Mukhtar opened new horizons for the students in the local sustainable energy. In the lecture, he highlighted Oman's wind profile, the process of establishing a wind farm from location selection to the final execution, and daily management. Additionally, he enriched the students by discussing important and interesting insights about the challenges facing the wind energy sector and the possible opportunities.



Eng. Al-Mukhtar Al Saifi



Dr. Suad Al Kindi
Associate Professor

WASTE MANAGEMENT IN OMAN

Waste management including collection, transport, treatment, monitoring and regulation in Oman is mainly managed by Oman Environmental Service Holding Company S.A.O.C (Be'ah). Waste management protects the environment from deteriorated degradation and contamination of water, soil and air. In response to this and under the module title Environment and Sustainability (UBGMMPR-30-0) a group of students: Alla AL-Kalbani, Fatma AL-Farsi, Khawla AL-Lbadi, and Leena Albalushi under the supervision of Dr Suad Al-Kindi organized a seminar and invited Mrs Malak Al-Hatmi, Environmental Ambassador, from Be'ah. The main topics covered during the seminar included waste management strategy, objectives, phases, health and safety in Oman.



OZONE INTERNATIONAL DAY

The Sultanate of Oman joined the nations around the globe and celebrated the Ozone international day for the preservation of the ozone layer. September 16 of every year marks the Day for the Preservation of the Ozone Layer and commemorates the day that nations signed the Montreal Protocol in 1987 to regulate the production and consumption of ozone-depleting substances. The theme for 2022 for World Ozone Day is "Global Cooperation Protecting Life on Earth". Dr Suad Al-Kindi was an invited speaker to the event organized by Civil Aviation Authority (CAA) and she delivered a talk under the title of "Ozone Hole and Solar Surface Radiation". She gave an overview of solar radiation and interaction with the atmosphere and Earth's surface. She covered the recently alleged discovered tropical ozone holes and the latest scientific finding in this field. A Tropical ozone hole is a giant hole that makes up to 50% of Earth's surface and was discovered by a Canadian researcher last July. This is seven times greater than the known Antarctic ozone hole over the tropical regions which was discovered in the 1980s.



NOBLE BLOOD DONATION DRIVE

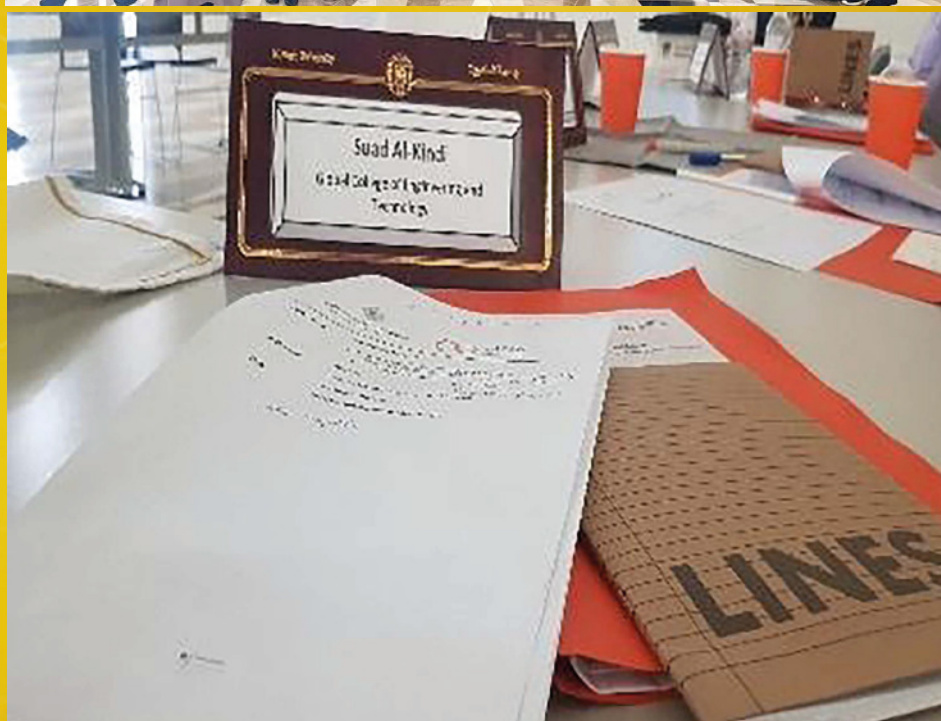
Blood is essential to human life and it is a precious gift that anyone can give to a person. Blood donation helps save people lives under certain diseases such as critical surgeries, cancer treatment, and traumatic injuries to stay healthy. There is a demand for blood supplies at all times due to the rise in accidents, chronic disease and emergency cases. In response to this and under the module title Environment and Sustainability (UBGMMPR-30-0) a group of students: Amani Albalushi, Amna Alfarsi, Rayan Alsalmi and Shadha Aljabri under the supervision of Dr Suad Al-Kindi and with the support of the college clinic nurse Mrs Rinet Meneses organized the blood donation campaign. A medical team from department of Blood Bank Services, Ministry of Health visited the college on December 21st, 2022. A good number of students and staff participated in this successful campaign. The students were assessed based on the success of their campaign as part of their module assessment. The module learning outcomes number 6 of Environment and Sustainability is to devise a campaign strategy for tackling an identified sustainability challenge. The students selected the blood donation challenge to raise awareness on this issues and influence action. They were successful with the support of the college to mobilize blood donors and support the community in this aspect.



POLLUTION AND THE CLIMATE-ENERGY-HEALTH-NEXUS: SUSTAINABILITY IN WEST ASIA AND THE ARABIAN PENINSULA (WAAP)

Dr. Suad Al Kindi | Associate Professor

The the Center for Applied Research in Partnership with the Orient (CARPO) and the Gulf Research Center Foundation (GRCF) launched a three-year initiative to develop a roadmap for regional security in West Asia and the Arabian Peninsula (WAAP)-a region that includes the GCC states, Iran, Iraq, and Yemen. The project aimed to create a common "understanding" (or tafahum) among regional actors of a shared process toward regional security in WAAP. Dr Suad Al-Kindi has been invited in the second workshop of the first three years-cycle of Tafahum project (2018-2021) in the 26th & 27th of October 2022. The workshop was held in Kuwait University, Kuwait. The project was uplifted in the year 2021 to create further understanding (Tafahum) and also to foster cooperation (Tabadul) among regional actors. The project is funded by the German Foreign Office with a multi-level approaches and levels: political, expertise and societal level. Separate workshops and dialogue formats were established for all three levels with networking between these three levels. Dr Suad Al-Kindi contribution in this workshop was a talk about Air Pollution status in Oman which included topics in "Air Pollution effects on the Economy, Health, and The Climate", "Local and Regional Initiatives Exist to Address Natural and Man-Made Sources of Air Pollution" and "Most Relevant Opportunities and Future Needs".



THE GREEN HYDROGEN SUMMIT-OMAN

Green hydrogen is an alternative renewable energy source or low-carbon power. Oman announces investment opportunities in green hydrogen with an ambitious goal to become one of the largest green hydrogen producers and exporters globally, targeting production of one million tons annually by 2030. Green hydrogen is a key vector that enables Oman to pursue its decarbonisation. With this national target

a Green Hydrogen Summit was held at Oman Convention and Exhibition Centre in Muscat on December 25th-27th, 2022. Dr Suad attended the summit which addressed challenges on hydrogen value chain, encompassing production, transportation, carbon capture and storage and carbon credits.



LIBRARY AND LEARNING RESOURCES (LLR) WORKSHOP



Dr. Suad Al Kindi | Associate Professor

Referencing is a core skill in academic work and it reflects the depth of students' researching experience. Referencing is an important criterion in the assessment of all academic manuscripts in GCET. It provides evidence to support scientific argument, ties relevant researchers' contributions and acknowledges their works. Referencing and citation method, be it Harvard in the case of GCET approved style, must strictly follow the guidelines as prescribed by the resource in the assessment. It was noted that significant students' submissions have considerable errors in referencing practices. With this in mind and under the strong aim of improving students' skills in this area Dr Suad Al-Kindi in collaboration with the department of Library and Learning Resources (LLR) arranged a session on "Introduction to Referencing using UWE Harvard Style" and "Referencing Tools". The session was delivered by Ms Maricel Antiporta-Angcay, the Learning Media Specialist from LLR. The students learnt many important literature researching, referencing and citation skills. Materials of the session were made available for students in Moodle for them to access at their convenient time. The students enjoyed the session and described it as informative, supportive and beneficial in performing their academic tasks.



**Mrs. Maricel
Antiporta**

Learning Media
Specialist

LIBRARY REPORT ON STUDENTS AND STAFF SUPPORT AND SERVICES

A library plays a vital role in every institution; thus, it is expected that the library supports the college vision, mission, goals, and objectives. As part of the library and learning resource center (LLRC) services to support the student's studies in the college, the library continuously conducts a series of library instructions and workshops for Semester 1, Academic Year 2022-2023. With the goal to reach a good number of student engagement we collaborated with the Module Leader and conducted several library sessions for Professional and Academic Skills modules, Environmental and Sustainability modules, Study Skills modules from the Foundation Studies Department and MSc Engineering Management students from post-graduate studies. We encourage module leaders to invite us in one of their class sessions in the future as part of the library information literacy service available for students. A separate session was also conducted inviting all the students and staff last November 27-29, 2022, on the different library topics such as using GCET and UWE Library e-resources;

plagiarism awareness and using plagiarism software; citation and referencing using UWE Harvard style and the use of referencing tools. Overall, the library team have conducted more than 10 library workshops for different groups of students across different departments. Librarians also caters to one-on-one session with students by providing them with guidelines in using referencing



Mr. Mario Anud Jr.
Learning Media Specialist

tools, plagiarism awareness and using plagiarism software as well as using the GCET and UWE library databases.

Nonetheless, the 6 available discussion rooms are among the commonly used library spaces by the students with around 331 recorded bookings from the past 2 months. The additional printing facilities and the computer stations in the library study area remain heavily used by the students and staff. The library continues to receive a good number of student visitors from the main library and library study area. The library service is from 8:30 AM - 8:00 PM from Sunday to Wednesday and until 4:30 PM on Thursday. As the college continues to develop in the future, the library will continuously support them to achieve its mission, vision, goals and objectives.



LIBRARY WORKSHOP



Mr. Al Hussain Al Mossawi
Head of MPRO

Global College of Engineering and Technology (GCET) and Watan Theater (WT) signed a cooperation agreement under the patronage of H. H. Sayyida Hujaija Jaifer al Said. The agreement stated that GCET will host the permanent headquarters of WT in its campus, it also stated that WT will train and develop GCET student's theater skills. Professor Geoffroy Elliot, Dean of GCET, signed the MoU with Mr. Mohammed Al Riyami, head of Watan Theater (WT).

GCET SIGNS AN MOU WITH WATAN THEATER



GCET CAREER & EMPLOYABILITY DAY

The "Career & Employability Day" was organized at GCET to inform GCET graduates about the participating companies' fields of specialty, job and internship opportunities. This was a great opportunity to meet GCET graduates, students & staff to understand more about GCET and its offered programs. The event was organized 4th of July 2022. The agenda of the event was as follows:

1ST HALF COMPANIES PRESENTATIONS:

No.	Company Name	Presentation Time	Room
1	Kaatib and Alami - Engineering Consultancy Company	9 – 9:30 am	Cp.2
2	National Security Services Group	9:30 – 10	Cp.2
3	Oman Think Urban	10 – 10:30	Cp.2
4	Abdullah Al Farsi – Engineering Consultancy Company	10:30 – 11	Cp.2
5	Oman National Engineering & Investment Co. (S.A.O.G)	9 - 1	Reception area

The Oman National Engineering & Investment Co. (ONEIC) attended the event and had a stand in building block B at the reception area from 9 am to 1 pm to meet GCET graduates and students and inform them about the available job vacancies at ONEIC. The ONEIC received CVs of candidates who specialized in Electronics and telecommunication, Mechanical, and Instrumentation and Control Engineering.



GCET PARTICIPATION IN LOCAL EXHIBITIONS

Mr. Al Hussain Al Mossawi | Head of MPRO

As part of GCET's Marketing activities to promote its programmes locally and to attract students from different Omani regions, the college participated in different local exhibitions and they are as follows:

- Higher Education Institutions Exhibition 2022 was inaugurated by her Excellency the Minister of Higher Education, Research and Innovation Dr. Rahma Ibrahim Al-Mahrooqi. And that was organized in OCEC, from 19 - 21 July 2022.



- EduTraC Oman 2022 the Higher Education, Training and Career Expo. That was inaugurated by His Excellency, Dr Bakhit Ahmed Al-Mahri, The Undersecretary of the Ministry of Higher Education for Education that was organized in OCEC, from 10 - 12 October 2022.

Many students and parents had the chance to interact with GCET staff members and learn more about all the college activities and offered programmes.



MARKETING AND PUBLICITY RECRUITMENT OFFICE (MPRO) AWARENESS CAMPAIGN

Mr. Al Hussain Al Mossawi | Head of MPRO

The Marketing, Publicity and Recruitment team continued their awareness campaign. On December 19, 2022, they visited Alsaidia School, Al Julanda Boys School, Ruqaya Primary Girls School in Wilayat of Bidiyah in the Governorate of North A'Sharqiyah, Al-Shifa Bint Awf School, Al- Shawamekh School and Al-Amerat School where they met the students of grade 12 and gave an extensive presentation on the college's programmes. The presentation was followed by questions and answers (Q&A) sessions.

As a result, these marketing initiatives will advertise the college, especially to the students of grade 12 who will select academic programmes according to their preference in April 2023 through the Higher Education Admission Centre (HEAC).



RUQAYA PRIMARY GIRLS SCHOOL



AL JULANDA BOYS SCHOOL



ALSAIDIA SCHOOL



AL- SHAWAMEKH SCHOOL



AL- SHIFA BINT AWF SCHOOL



AL AMERAT SCHOOL

NATIONAL DAY CELEBRATIONS AT GCET

Mrs. Maryam Alamri | Head of SSSO

Mr. Al Hussain Al Mossawi | Head of MPRO

On November 21, 2022, GCET organized the National Day Celebrations at its campus. This year's event was outdoor in the GCET arena and it was exceptional. GCET staff and students attended the event. Also, students from different schools participated in the ornament. The event had both on-stage and off-stage activities.

The stage activities were as follow:

National anthem by al Ghubra School for basic education.

Show by Al Ether Private School.

Poetry by Mr. Saif Al Hadi (GCET Student).

Competition (organized by GCET students).

Arabic music session.

Show by al Watan Theater

The outdoor activities were as follows:

National day exhibition.

Food corner.

Volunteering corner.

Omani halwa corner.

At the end of the event, there was a cavalry show that was organized by professional horsemen.

In the evening, the staff members and their families had a grand dinner at GCET garden where they enjoyed their meals with traditional Arabic music.





Mr. Suleiman Al Balushi
Student Career Counselling Officer

Mr. Suleiman AlBalushi has recently joined GCET as Student Counselling Officer. This is an important role in driving the efforts of students' career development and making students aware and ready for real-life work. The presence of a counsellor will have a lot of benefits for GCET students who will be able to get help to know and

GCET APPOINTS STUDENTS CAREER COUNSELLING OFFICER

understand how to approach employers, job search techniques, and get the knowledge and skills needed to make future career and life decisions. The counsellor will help students to assess their interests, abilities, and values and help locate resources and sources of career information. The main services that counselling will provide to the students and alumni of GCET are with the tools and knowledge to assist them in making informed career decisions; exploring professional ranges; preparing for an effective job search and linking with part-time, internship and full-time employment opportunities. Student Career Counselling officer provides individual and/ or group career counselling/ job search coaching to students/alumni. Involvement with job development, planning for career fairs, on campus interviews, resume referrals and special career events are also some other services offered.

One important area for the Counselling will be to develop partnerships with employers to identify employment opportunities and engage their participation in campus recruitment services such as online job listing and employers' visits to the GCET campus. Linking the college to other professional entities that may have opportunities for the students, in terms of training programs, on the job training or job opportunities.

Career Counseling is available to all students from foundation to undergraduate and alumni. Mr. Suleiman can be reached by email, suleiman.b@gcet.edu.om or be visited in his office in the Training unit, Building C, Room number C1.1.

MY VISIT TO ISM

Ms. Pooja was invited by the Indian School Muscat on October 11, 2022 to attend their ISTF 2022, a mega inter school event in the Sultanate of Oman. She was in the judging panel for the Extempore Speech (Solo) (senior) event.

She was awarded with a Letter of Gratitude and a memento as a token of appreciation by the host institution.

"PATHWAYS, PARADIGMS AND POSSIBILITIES IN ELT"

Ms. Pooja Chhabra | Senior Lecturer (English)

Ms. Pooja participated and presented in the International English Teaching Symposium (IELTS-2022) with the theme "Pathways, Paradigms and Possibilities in ELT" which was organized by the English Language Centre, University of Technology and Applied Sciences - Ibri held on 29th-30th June, 2022.

Her topic of presentation was "Applying Process-based Approach in Teaching Writing Skill Using Vocabulary".



NEW GCET ACADEMIC AND ADMINISTRATIVE ACADEMIC YEAR 2022-2023

The College welcomes the new staff members of the GCET family from the different academic and administrative departments. The new staff members are appointed from the academic year 2022-2023. Join us in welcoming the new members of GCET staff and provide them all the needed support to help them achieve their respective roles in the college.



Mr. Waleed Al Maawali

Assistant Professor - EEE



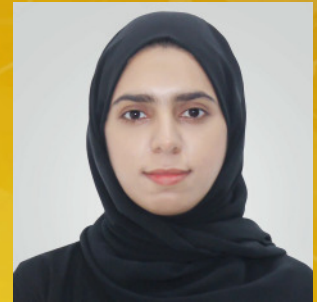
Mrs. Mohsina Mirza

Student Support / Assistant Lecturer
EEE



Mr. Baseem Al Falahi

Lab Technician - EEE



Ms. Khulood Al Ghafri

Lab Technician - ME



Dr. Muzammil Hussain

Associate Professor - CIT



Mr. Saif Al Raeisi

Math Lecturer - FS



Ms. Halima Al-Hinaai

Assistant Professor - UPEM



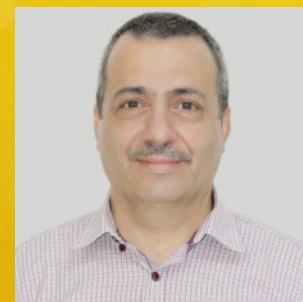
Dr. Eman Hanye

Associate Professor - UPEM



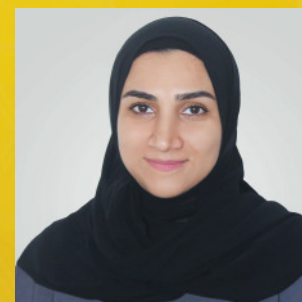
Mrs. Sazya Firdaus

Assistant Professor - UPEM



Dr. Issa Mahmoud

Associate Professor - UPEM



Ms. Maisa Al Rawahi

Lecturer (ICT) - FS



Ms. Hawraa Al Ajm

Administrator - RARO



Mr. Taimoor Al Nadabi

Students Activities and Experience Officer
SSSO



Mr. Abdullah AlNadabi

Research Assistant and Business Development
RIO



Mr. Khalid Al Senaidi

Social Media Specialist - MPRO



Ms. Zainab Al Ajmi

Administrator - TU

GCET STAFF NEW RESEARCH AND CONFERENCE PUBLICATION

Department of Computing and IT (CIT)

Dr. Raza Hasan and Mr. Saqib Hussain published 5 research articles in international reputed journals within and outside Oman.

Al Hamoodah, S., Hasan, R., Hussain, S., Dattana, V. and Jesrani, K., 2022. Design and Implementation of Mawhiba Mobile App. *Journal of Big Data & Smart City*.

Al Maskari, A., Hasan, R., Hussain, S., Dattana, V. and Malali Rajegowda, P., 2022. The smart meters inventory control system for Mazoon Electricity Company. *Journal of Big Data & Smart City*.

Al Shamsi, A., Hasan, R., Hussain, S. and Jesrani, K., 2022. Mobile Application for Order Management at Oman Cables Company. *Journal of Big Data & Smart City*.

Sarker, K., Deraman, A., Hasan, R. and Abbas, A., 2022. A 4-Layered Plan-Driven Model (4LPdM) to Improve Software Development. *International Journal of Advanced Computer Science and Applications*.

Sarker KU, Saqib M, Hasan R, Mahmood S, Hussain S, Abbas A, Deraman A. A Ranking Learning Model by K-Means Clustering Technique for Web Scraped Movie Data. *Computers*.

Department of Electrical and Electronics Engineering (EEE)

Dr. Javeed Hussain, Dr. Irfan Memon, Dr. Mohammed Mohatram, Dr. Sulaiman Al Hasani and Ms. Farah Anwar from the Department of Electrical and Electronics Engineering (EEE) published five research and conference paper in international reputed journals.

Muhammad Umair Ali, Karam Dad Kallu, Haris Masood, Shaik Javeed Hussain, Safee Ullah, Jong Hyuk Byun, Amad Zafar, Kawang Su Kim, A Robust Computer-Aided Automated Brain Tumor Diagnosis Approach Using PSO-ReliefF Optimized Gaussian and Non-Linear Feature Space

Waqas Ahmed, Muhammad Umair Ali, Shaik Javeed Hussain, Amad Zafar, Sulaiman Al Hasani, Visual Vocabulary Based Photovoltaic Health Monitoring System Using Infrared Thermography, *IEEE access*.

Muhammad Faleh Alanazi, Muhammad Umair Ali, Shaik Javeed Hussain, Amad Zafar, Mohammed Mohatram, Muhammad Irfan, Raed AlRuwalli, Mubarak Alruwalli, Naif H Ali, Anas Mohammad Albarrak, Brain tumor/mass classification framework using magnetic-resonance-imaging-based isolated and developed transfer deep-learning model, *Sensors*.

Shahmir Janjua, Muhammad Umair Ali, Karam Dad Kallu, Amad Zafar, Shaik Javeed Hussain, Hasnain Gardezi, Seung Won Lee, An Asymmetric Bargaining Model for Natural-Gas Distribution, *Applied Sciences*.

Farah Anwar Mohamed Abdou, Muhammad Irfan Memon, Javeed Hussain Shaik, Sentimental Analysis of Behavioural Changes in the Society Due to Ramadan in Islamic World, 2022 2nd International Conference on Computational and Machine Intelligence.

Department of Mechanical Engineering (ME)

Dr. Pooyan Rahmanivahid, Dr. Sivasakthivel Thangavel, Dr. Milad Heidari and Dr. Mira Chitt from the Department of Mechanical Engineering (ME) published a 8 research papers and 1 book chapter in international reputed journals.

Sudipta S., Vikas V., Sivasakthivel T., Rahul T., and Rajesh Kumar (2022) Optimization of PV Electrolyzer for Hydrogen Production. *Wiley Online Library*.

Vikas V., Rahul T., Sivasakthivel T., and Ratnadeep N. (2022) Thermal performance of water-based brines as a heat carrier for ground heat exchanger under severely cold environments. *Wiley Online Library*.

Rahmanivahid, P., and Heidari, M. (2022) Design Parameters of Dental Implants: A review *Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería*, *International Journal of Numerical Methods for Calculation and Design in Engineering*.

Hamza, S., Heidari, M., Ahmadizadeh, M., Dashtizadeh, M., and Chitt, M. (2022) Modification of horizontal wind turbine blade: A Finite Element Analysis. *International Journal of Technology*.

Aminjan, K., Ghodrat, M., Escobedo-diaz, J.P., Heidari, M., Chitt, M., and Hajivand, M. (2022) Study on Inlet Pressure and Reynolds Number in pressure-Swirl Atomizer with Spiral Path, *International Communications in Heat and Mass Transfer*.

Ipadeola A, Lebechi A, Gaolatlhe L, Haruna A, Chitt M, Eid K, Abdullah I, Ozoemena K, (2022) Porous High-Entropy Alloys as Efficient Electro-catalysts for Water-Splitting Reactions. *Electrochemistry Communications*.

Ding, F., Liu, X., Amin Abdalla, A., Latif Khan, M. and Akram, F. (2022) The link between English foreign language teacher's professional identity and their critical thinking that leads to teacher's success in the Chinese context: Leaders motivational language as a moderator. *Frontiers in Psychology*.

Tian, Z., Tang, C., Akram, F., Khan, M.L. and Chuadhry, M.A. (2022) Negative work attitudes and task performance: Mediating role of knowledge hiding and moderating role of servant leadership. *Frontiers in Psychology*.

Khan, M.L., Kamran, H. and Ugheoke, S.O. (2022) The Effect of HR Practices on Job Satisfaction in the Banking Sector of Pakistan. The Practical Implication from Long-term and Short-term Perspectives â€œCOVID-19. *Economic Alternatives*.

OUTCOMES OF RESEARCH FUNDED PROJECT: BLOCK FUNDING CALL NUMBER: 2021

Dr. Javeed Hussain | HoD of EEE

"A MULTIMODAL INTERACTIVE HUMANOID ROBOT AS HEALTH CARE ASSISTANCE SYSTEMS IN HOSPITALS OF OMAN USING ARTIFICIAL INTELLIGENCE"

Principal Investigator: Dr. Javeed Hussain

The project is about training and developing interactive humanoid robots as Health care assistance systems in hospitals. The work is quite reflective and there were a few events in the robot that were being used to find the approachability and needs to be considered in designing a multimodal interactive robot.



FIGURE 1 SOCIALISING THE ROBOT AND INTERACTIVE WITH THE HUMANS



FIGURE 2 ROBOT NAVIGATING WITHOUT ANY FLAW IN NAVIGATING PATH



FIGURE 10 TEMI ROBOT FIRST PAGE: INTRODUCTION TO HOSPITAL MANAGEMENT SYSTEM

The results shown here are the first page of the robot in the approach of the hospital management system and it is an interactive feature that is programmed in the robot as the voiceover of the robot is possible to communicate with the user. The objective of finding is that the Mask is the entry system in the robot, if not found then it will not progress to the next page and reminds the user to use the mask to navigate to the main menu and to facilitate the features of the Hospital management system as shown in Figure 11.

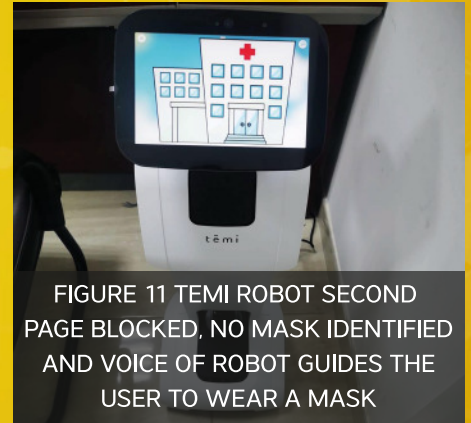
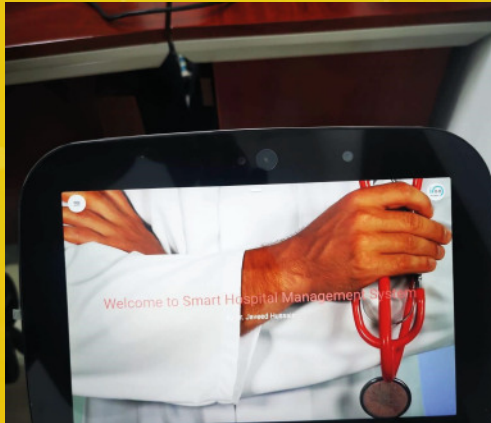


FIGURE 11 TEMI ROBOT SECOND PAGE BLOCKED, NO MASK IDENTIFIED AND VOICE OF ROBOT GUIDES THE USER TO WEAR A MASK

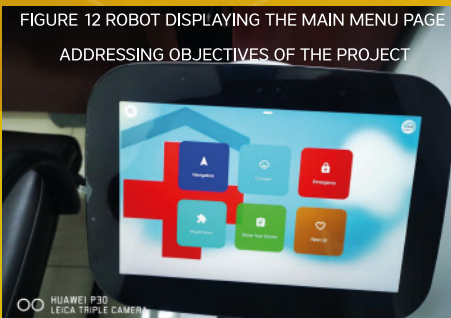


FIGURE 12 ROBOT DISPLAYING THE MAIN MENU PAGE ADDRESSING OBJECTIVES OF THE PROJECT

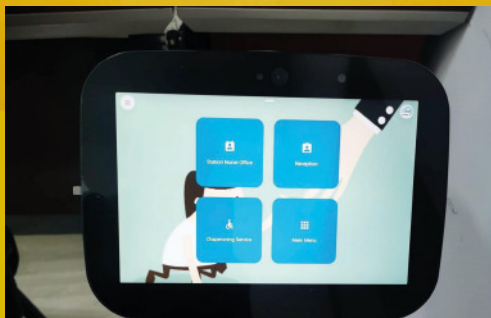


FIGURE 13 THE FEATURES APPROACHING THE SUPPORT UNIT IN THE HOSPITAL

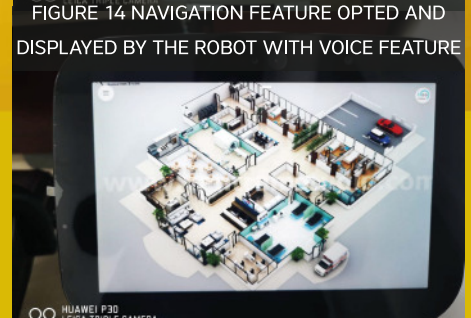


FIGURE 14 NAVIGATION FEATURE OPTED AND DISPLAYED BY THE ROBOT WITH VOICE FEATURE

The features of the HMs system are displayed in such a way that user can opt according to the needs and the robot is interactive, guiding the user with voice.

The further detailed briefing about the work will be provided in the final report with all the objectives.



الكلية العالمية للهندسة والتكنولوجيا

GLOBAL COLLEGE OF ENGINEERING AND TECHNOLOGY

بالإرتباط الأكاديمي مع جامعة غرب إنجلترا البريطانية
In partnership with the University of the West of England - Bristol



Dr. Ahmad Hosseini

Head of Foundation Studies

The Academic staff of GCET are selected from the best candidates and their lofty expertise provide the students highest level of standards. In order to maintain the quality of teaching and also support the students with up-to-date methods, all lecturers are required to pursue professional development. The University of West of England provides the Postgraduate Programme of "Learning and Teaching for Higher Education (LTHE)" to GCET lecturers every year and this year sixteen of lecturers

from the five Academic Departments are attending this Programme. The Programme is one full year and covers theory and practices on teaching and learning. UWE teaching team conducts this course online and the GCET lecturers focus on various topics to improve their professional performance. The Programme Coordinator is Dr Ahmad Hosseini, Head of Foundation Studies. The graduates of previous cohorts were also acknowledged in the Graduation Ceremony of College in September. GCET wishes them all the success in this great endeavor.



Mr. Abdelhamied Fadl
Lecturer / Technical Demonstrator



Mr. Waleed Al Maawali
Assistant Professor



Mrs. Mohsina Mirza
Student Support / Assistant Lecturer



Ms. Pooja Chhabra
Senior Lecturer (English)



Mrs. Greenal Wilson
Senior Lecturer (English)



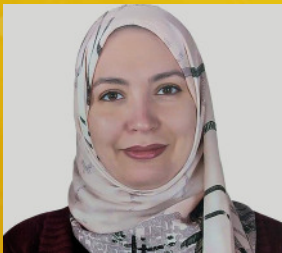
Dr. Amna Al Saadi
Head of Academic Department
of UPEM & Associate Professor



Dr. Issa Mahmoud
Associate Professor



Mrs. Sazya Firdaus
Assistant Professor



Dr. Eman Hanye
Associate Professor



Ms. Ayah Abbasi
Assistant Professor



Ms. Halima Al-Hinaai
Assistant Professor



Dr. Muzammil Hussain
Associate Professor



Dr. Mira Chitt
Associate Professor



Dr. Muhammad Latif
Associate Professor



Mr. Moustafa Al Shaik
Technical Demonstrator



Mr. Muhammad Nadeem Akhtar
IT Programmer / Assistant Professor

The Student Record System(SRS) is an online in-house developed web portal to facilitate students and staff. The portal is device friendly so they can use their mobiles, laptops or PC to access the portal by using any browser. The initial purpose of the web portal was to store the students' personal and academic records and introduce a paperless environment. All the processes following in the system are fully transparent (nothing is hidden), and each user can see the status of the application that they have put through the system. This portal is in use by students, administrations, faculties and executives. All the students are using this system to register their semester modules and to know the grades, timetable and many more; some of the options are listed as follows:

Study Plan:

The students can see the complete study plan of their program. The study plan contains details about the modules that will be offered each semester at any level. The student can plan their studies with this information and can have prior preparations for upcoming semesters to get good grades.

Module Registration:

The student portal allows the students to register modules for each semester by themselves without approaching the registration office. During the time of registration, the student can see the list of all offered modules in their own login through which they can select modules

STUDENT RECORD SYSTEM PORTAL

to be registered. The system is also giving them the add/drop modules facility within specified time so the student can register/drop modules as per their per requirement without any approval.

The same feature is also available with the Registry And Registration Office(RARO), in case if the students don't want to register modules by themselves they can approach the RARO office to do the registration on their behalf just by a click.

Timetable:

This option allows the student to know the schedule of the modules that they take every semester. The information they can see through this option includes module names, who is going to teach the module, the class timing and the venue of the class.

The timetable is automatically generated right after the student starts the registration process. The system also sends a copy of the timetable to the student's email registered with the portal.

Register Complaint:

The complaint management system is available for the student to raise their voice and initiate the complaint against any department with a problem or they can give suggestions for improvements. This option has been provided to improve the quality of education, helping the students in case they are facing any difficulty with any department.

Grades:

This option has been created in favor of students to be well aware of their studies and their grades. The expected advantage that has been given to the student from

this option is to make them free to follow any set of procedure and paper approvals to check their progress.

In this option, the students can see the list of all taken modules along with obtained marks. This feature will help them to analyze their academic progress and to take action or make plans to improve their studies in case of not satisfying performance.

Fee Summary:

In this option, the students can see the total fee needs to be paid in the current running semester. The students will also be fully aware that the fee per credit is charged, the total number of credits registered and the discount that has been given on the fee. The students can also check the details of payments they have made in the semester and the pending fee of the old semester (if any) through this option.

Offer and Welcome Letter

The portal is also facilitating the students to print their offer letter and welcome letter directly from their logins.

Online APL (Accredited Prior Learning):

The applicant can apply for exemptions through this APL system. The link is available on the college website <http://g-cet.edu.om> . Once the applicant registers and submits the application for processing at the same time request will go to the concerned departments for further processing. The applicant can check the status of application using their credential that they have used at the time of registration. This whole process is online.

NEW STUDENT ADVISORY



Student Advisory Council (2022-2023)



Fatma Salim Al Mahri

President
of the Student Advisory Council



Loay Mohammed

Vice President
of the Student Advisory Council



Thuraya Al Masrouri

Secretary
of the Student Advisory Council



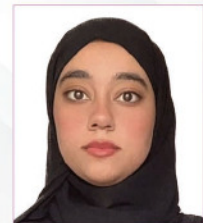
Shahad Hamed

Academic Committee



Abdulnoor Al Hinai

Committee Activities
and Initiatives



Dana Al Shibli

Student Services
Committee



Dr. Raza Hassan
Associate Professor

Ranking

AD Scientific Index analyzes academic studies from 216 countries, 19,525 universities/institutions, and 1,203,966 scientists by using numerous criteria to present results to be used for the evaluation of productivity and efficiency by individuals and institutions. In addition to sorting by the "total H-index" you can find here, you can examine several rankings and analyses by the "last 5 years H-index",

"total i10 index", "last 5 years' i10 index", "total number of citations", and "last 5 years' citations". Dr Raza Hasan ranked among top 500 researchers in Oman according to AD Scientific Index.

World Scientist and University Rankings 2023

Global College of Engineering and Technology

Raza Hasan

	In Global College of Engineering and Technology (149)	In Oman (1,204)	In Asia (5,137)	World (19,525)
Total H	18	#177	#1,197	#19,525
Last 5 year H	13	#160	#934	#15,761
Total i10	22	#167	#1,030	#19,525
Last 5 years i10	20	#143	#930	#15,761
Total Citations	608	#170	#1,197	#19,525
Last 5 years Citations	607	#170	#1,197	#19,525
Last 5 years Citations / Total Citations	0.998			

Global College of Engineering and Technology

Dr. Raza Hasan

Associate Professor, Department of IT,
Global College of Engineering and Technology,
Muscat, Sultanate of Oman

AD Scientific Index

Date: 11/11/2023

Source and Methodology: <https://www.adscientificindex.com/index.php?doi=10.21961/2023.01.01>

Certification

In today's new age of technological evolution and innovation, we are more susceptible to cyber-attacks and security breaches. Our digital space is at constant risk when it comes to growing numbers of cyber-attacks, phishing, malware, security threats, ransomware etc. This is where a strong defending mechanism of cybersecurity comes into play.

The Certified Cybersecurity Specialist course aims to provide a deeper understanding of cybersecurity with greater insights into advanced cybersecurity concepts. This certification focuses in detail on ethical hacking skills and the expertise required to excel in one of the greatest careers in the domain of cybersecurity.

Dr Raza Hasan has successfully completed all requirements and criteria for Certified Cyber Security Specialist™ certification through examination.



Dr. Javeed Hussain
HoD of EEE

BCS
MEMBERSHIP
GRADE
ELEVATION :
FELLOW

Dr Javeed Hussain and Dr. Raza Hasan has been awarded the Membership of the British Computer Society (BCS) with the designatory letters FBCS. We are pleased to have our GCET staff joining the elite rank of Fellow BCS. We are proud of these professional achievements that led to this recognition.





Dr. Suad Al Kindi
Associate Professor

GCET ACADEMIC STAFF WON OMR 20,000 IN RESEARCH FINANCIAL SUPPORT FROM TRC BLOCK FUNDING PROGRAM



Dr. Nemat Elhassan
Associate Professor

HEALTHY AIR WIDE AROUND WITH NETWORK ASSESSMENT (HAWANA): MEASUREMENTS OF AIR POLLUTANTS EXPOSURE IN OMAN

Dr. Suad Al-Kindi from the department of UPEM and Dr. Nemat El Hassan from the department of EEE won financial support (OMR 20K) from The Research Council (TRC) in Block Funding Program (BFP), call 2022 for a Research Grant (RG) project. The research proposal falls in the sector of Environmental and Biological Resources (EBR). The revised title of the project is Healthy Air Wide Around with Network Assessment (HAWANA): Measurements of Air Pollutants Exposure in Oman. The project is a two years investigation of Personal Exposure (PE) in the Sultanate of Oman aiming to explore air pollution exposure of residents in Oman during

their daily traveling journeys. The study will recruit 100 nonrandom adult volunteer subjects from all 11 Governorates of Oman and instruct them to wear a shoulder bag of personal air monitoring equipment during their daily journey to measure urban ambient pollutants such as Ozone (O3), Carbon monoxide (CO), Carbon dioxide (CO2), Nitrogen dioxide (NO2), Hydrogen sulphide (H2S) and Particulate Matter (PM). The Co-Principal Investigator, Dr. Nemat El Hassan, will focus on numerical and simulation studies of PE data using MATLAB Deep Learning toolbox to build an Artificial Neural Network (ANN), predict and identify

air pollution hot spots, evaluation of the analysis tools and corresponding publications. It is expected that the scientific findings and recommendations from HAWANA will provide quantified evidence of human exposure, which is ultimately needed in national legislation. This should improve its international rank of Oman in the Environmental Performance Index (EPI) and World Health Organization (WHO) sustainability indices. Recommendations from HAWANA to authorities and public awareness are expected to encourage the public to change their behavior to improve air quality in the country.



Dr. Sivasakthivel Thangavel
Associate Professor

Dr Siva from the Department of Mechanical Engineering (ME) delivered a talk to Indian School in Bausher entitled "Career Opportunities in Mechanical Engineering" on 16th of October 2022.



- Appointed as Editor to a journal titled "International Journal of Energy Resources Applications (IJERA)" November 2022.
<https://www.ijerassp.com/editorial-board>
- Acted as a reviewer to the following journals.
- Energies [<https://www.mdpi.com/journal/energies>]
- Energy and Buildings [<https://www.sciencedirect.com/journal/energy-and-buildings>]
- Applied Energy [<https://www.sciencedirect.com/journal/applied-energy>]



Dr. Muhammad Latif
Associate Professor

This conceptual article proposes a conceptual model to identify the entrepreneurial skills amongst engineering students. Entrepreneurship education has received increased attention in Oman. The government of Oman identified the role of privatization and liberalization of its policies to accelerate the rate of economic growth. The government encouraged men and women equally to participate in the process of economic development of the Sultanate. "Vision Oman 2030" proposed a policy for the Sultanate's development over twenty-five years (1996 to 2030). It took into account the far-reaching changes in the world economy and the revolution in telecommunications and information technology that have transformed the global system of production and exchange. The plan places emphasis on the industrial development of small and medium enterprises. Recent policies have included focusing on entrepreneurship to cultivate and breed more student and graduate entrepreneurs. Previous recent researchers have identified the gap for the relationship between personality traits and entrepreneurial skills amongst the colleges and universities students. Personality traits play a significant role in persuading students' entrepreneurial skills and abilities.

This conceptual study aims to identify the relationship between personality traits and entrepreneurial skills and abilities. Entrepreneurial personality traits are very important and needed for university and college students in order to develop their entrepreneurial intentions. Personality traits such as Locus of Control, Entrepreneurial Innovativeness,

THINK LOCALLY ACT GLOBALLY: CONCEPTUAL REVIEW ON STUDENTS' ENTREPRENEURIAL SKILLS AND ABILITIES IN OMAN

Entrepreneurial Alertness, and the Desire to Succeed. Engineering students with these personality traits indicate their intentions for entrepreneurship as compared to those who are low on these traits.

Locus Control

Locus of Control refers to an individual's perception of the underlying main causes of events in his/her life. Or, more simply: do you believe that your destiny is controlled by yourself or by external forces (such as fate, god, or powerful others)? Individuals with a high internal locus are hardworking, decision-makers, problem solvers, efforts, and persuaders. They do accept that they can control their life events because of their attitudes. In the educational environment, researchers found that more internal locus of control was connected with more significant academic achievement, social maturity, and independence, struggle, self-motivated behaviors, which ultimately lead students to entrepreneurial attitudes.

Entrepreneurial Innovativeness

Recent research has found the significant role of Students' innovativeness in engineering students' potential entrepreneurial skills. It is crucial to enhance students' innovation skills in an increasingly challenging environment. Entrepreneurial innovation has proved the most effective instrument to promote a country's economic growth.

Entrepreneurial Alertness

Think Locally Act Globally entrepreneurial attitudes can lead students to an international level. To become a local and global entrepreneur, it is crucial for students to keep themselves updated as these activities are all sources of entrepreneurial alertness of individuals. Many researchers agreed that entrepreneurial alertness influenced

individual judgment, which could encourage the development of entrepreneurial potential and a forward-thinking business attitude.

Need for Achievement

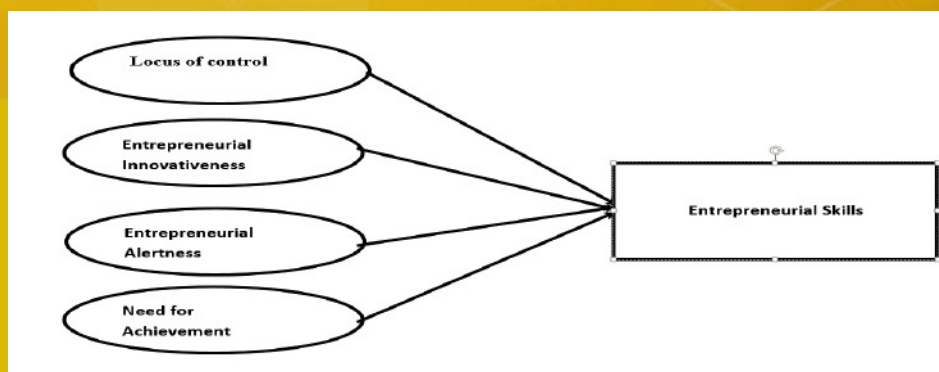
When starting a new business, the need for achievement can play a significant role in achieving student innovativeness and creativity. The need for achievement defined as the drive of an individual to be successful and enthusiastic about success.

Proposed Conceptual Research Framework

This Proposed Conceptual Research Framework will identify the relationship between personality traits and students' entrepreneurial skills.

Proposed Methodology

Qualitative research will be conducted in Sultanate of Oman while collecting data from Oman universities and colleges from 500 students through a Likert scale questionnaire. Data will be collected from Muscat, Sohar, Nizwa, Ibri, Ibra, Al Burami etc. Data . AMOS will be used to analyze the data.





THE IMPORTANCE OF EDUCATION IN LIFE

Dr. Milad Heidari Associate Professor

The importance of education and especially university education in life is undeniable. Education helps to equalize the flow by reducing social and economic disparities. Education is necessary because it is the cornerstone of a civilized and well-run society. Education enables individuals to think more logically and steer clear of false beliefs. Education

is meant to foster a person's mental and social growth. Education is gaining knowledge and awareness, understanding the proper ways to carry out tasks, and developing technical competence in a particular field. Therefore, parents make an effort to provide all facilities for their children's education.

Knowledge is power. People who have a higher education have more social freedom in society. Parents who have received more education are better equipped to raise their kids, and educated kids typically contribute to society as well.

Of course, having a good education does not guarantee you will enjoy all of life's advantages. Education has little to do with a person's personality, but it can help them develop positive traits. Our horizons are widened, and our understanding of the world increases due to education. Education, in general, helps society advance. A person has better chances of making a living after receiving an education.

On average, educated people have more fulfilling and fascinating careers than those without education. They frequently hold positions where they have decision-making responsibilities at work. In the end, higher job satisfaction results in a higher standard of living. People who are educated might value themselves more. Their lives have a clear direction and are almost well-planned. They can solve problems more effectively and make wiser decisions.

SPORTS NEWS

KARATE

GCET proudly congratulates Ms. Farah Anwar, a postgraduate student of MSc Data Science for obtaining an advanced position in the Karate 1 (Series A) competition held in Jakarta, Indonesia in November 2022. The college is pleased and wishes her more success in the field of sports in the future.



TM DONE WOMEN'S INDOOR CRICKET BASH TOURNAMENT 2022- AMERAT



Mrs. Greenal Wilson
Senior Lecturer (English)

The staff of GCET don't only perform their professional duties with panache, but also adorn different hats! This is evident from the fact that many of the staff are not only talented in music, art, sport, but are professional too!

The inaugural event of the T10 Women's Indoor Bash Tournament, sponsored by TM Done and organized by the Oman Cricket Council on 16th September, was the day where seven teams, nine-a-side, battled out in the indoor arena on the Amerat Cricket Ground.

As an avid cricket fan, I was a part of 'Pitch Smashers,' which clinched the maiden title in 2022. "It was a different kind of energy altogether, where it wasn't only competitive, but fun simultaneously."

The prizes were handed over by Ms. Saada Al Ismaili, former Oman Olympic Committee board member, Mr. Kiran Asher, Oman Cricket board member, and Maryam Al Hosni, a representative from the Ministry of Education and a member of Oman School Sports Association.

"We need such kind of team building activities once a year, and what better than having an all-women's GCET Cricket team for the next edition!". So girls, be ready!!!!



AL MOUJ MUSCAT MARATHON

MY EXPERIENCE OF RUNNING
AL MOUJ MUSCAT MARATHON

Mrs. Greenal Wilson

As the Chinese proverb goes, "The best time to plant a tree was 20 years ago. The second best time is now". I have been in Oman for the past 20 years, and this proverb suits me best in terms of participating in a marathon. Being a bronze medalist in the middle distance at the state level during my school and college days and having run marathons then, all these stopped after landing in Muscat as I was too apprehensive about continuing the same in a foreign country and more so ever in the Gulf.

However, years passed by and along with it, my confidence in running dwindled. Every time I read about athletics or sports, my heart would sink as if I had lost all my confidence and willpower.

But, as they say- 'Once a soldier- always a soldier.' Last year, I took the bold step of finally registering my name for the Al Mouj Muscat Marathon 2021. But, due to the pandemic, this event was postponed to 2022, giving me enough time to practice. Running a marathon is more about mental preparation than physical one. That doesn't mean that one should enter a marathon without any prior training, but at the same time, it is vital to train your mind not to give up.

Having trained for three months, I was almost ready to run 5 km, determined to finish the race without stopping. But, marathons cannot be ran alone. You need people to keep you motivated throughout the run, even if you don't know them.

Well, I had such a compatriot, whom I had never met before, but still could find solidarity! We both gave each other company and finally crossed the finish line.

What a feeling of accomplishment! The satisfaction and the joy were probably more than winning a gold medal! It was a race against myself- against my fears



and inhibitions - of all, against the thought of 'I CAN'T'!

I believe that I have set an example for my students and my kids, who greatly appreciated my participation. I wanted them to see that nothing is impossible- always to think that 'I M Possible'!

Given my experience, I encourage everyone to take the first step towards achieving their dream. It's the first step that matters, and then the rest is history! My philosophy in life is: 'Whether you think you can or think you can't, either way you are right.' - Henry Ford

