



الجامعة الوطنية  
National University  
Science & Technology العلوم والتكنولوجيا

# National University NEWSLETTER

Vol 3 - Issue 2, September 2024

Biannual

Igniting minds;  
Expanding Horizons

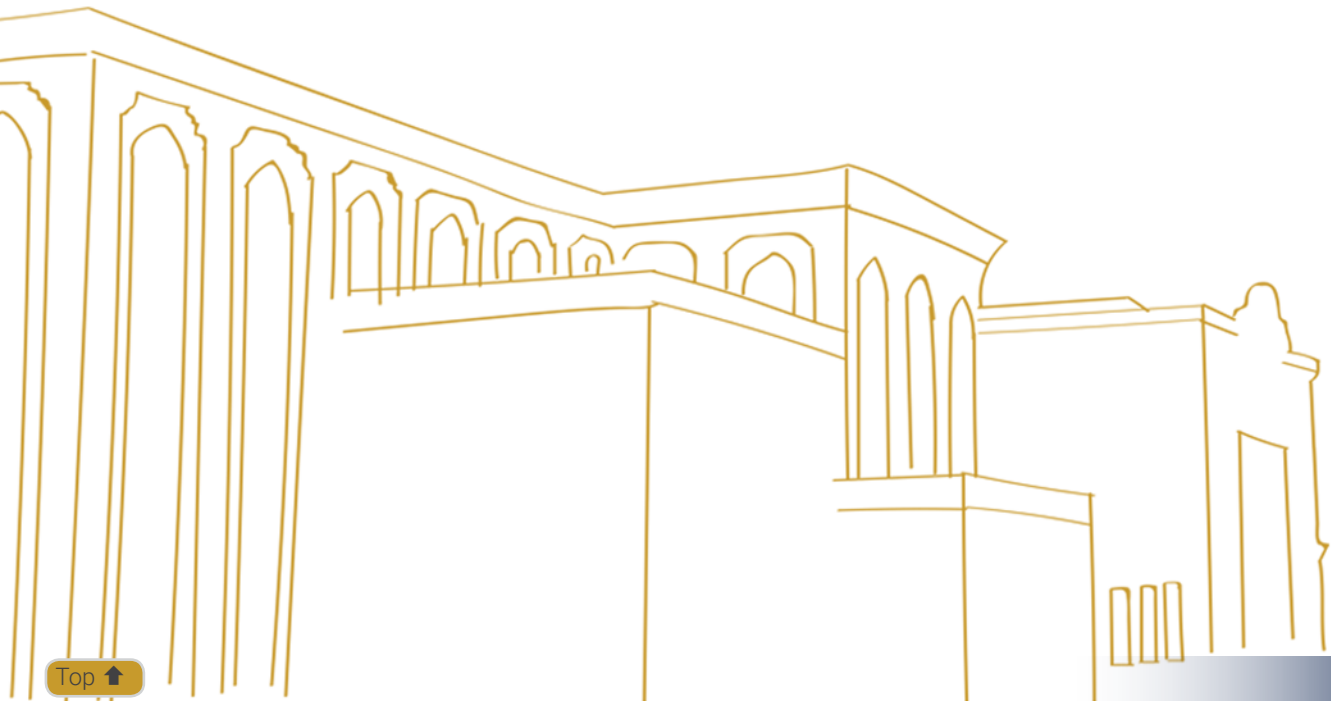




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## VC's Message



It is my pleasure to present to you Vol3 Issue 2 edition of our Vice-Chancellor's Newsletter, which covers the period from February to August 2024. This publication reflects the dynamism and dedication of our university community, showcasing the milestones we have achieved and the progress we continue to make across various fronts.

In this issue, you will find updates on our strategic initiatives, insights into recent academic and research developments, and highlights of the events that have brought us together as a community. Each article is a testament to the hard work and innovative spirit that drives us forward.

As we navigate the opportunities and challenges ahead, I encourage you all to stay engaged and committed to our shared mission. Together, we are shaping a future of excellence and impact, not only for our university but for the wider world.

I hope you find this newsletter both informative and inspiring.

Thank you for your hard work, dedication, and passion for excellence.

**Dr. Ali Al Bimani**

### EDITORIAL TEAM

Patron: Dr. Ali Al Bimani

Editor: Mr. Moez Ouaari

### Content Providers

#### College of Medicine

Dr. Najam Siddiqi

#### College of Engineering

Dr. Michael Angelo Perera

#### International Maritime College

Ms. Asma Al Farsi

#### College of Pharmacy

Dr. Geetali Deori

Dr. Sumaiya Al Kindi

#### Deanship of Graduate Studies

Ms. Mabahij Saif Al Hadi

#### School of Foundation Studies

Ms. Nirmala Babu

#### Proof-reader

Ms. Yashmin Mansuria

Ms. Anitra Hernandez

#### Designer

Mr. Babu Thomas

## Editorial Team Message

Greetings to all !

Welcome to the Vice-Chancellor's Newsletter Vol 3 Issue 2. As your Editorial Team, we are delighted to bring you a collection of stories, updates, and achievements that reflect the vibrant and dynamic spirit of our university.

In this issue, we have curated content that highlights our community's continued dedication to excellence, innovation, and collaboration. From breakthrough research to impactful events, each piece has been thoughtfully selected to inform and inspire you.

We would like to extend our heartfelt thanks to everyone who contributed to this edition. Your

insights and hard work make this newsletter a valuable resource for staying connected with our university's ongoing journey.

We hope you enjoy reading this issue and find it as engaging and informative as we did while putting it together.

Happy reading!

Best Regards,

**Editorial Team**

University Headquarters

PO 620, PC 130, Azaiba, Bousher, Muscat, Sultanate of Oman

Tel:+968 24235000 Fax:+968 24504820

Email:info@nu.edu.om

Website: www.nu.edu.om



## National University Achievements and Events

### The MD program of COMHS earns TEPDAD accreditation.

The MD program of the College of Medicine and Health Sciences has been granted "full accreditation" for six years (Jan 01, 2024 to December 31, 2030) by the Association for Evaluation and Accreditation of Medical Education Programs (TEPDAD) and approved by OAAA thereafter for meeting the World Federation for Medical Education (WFME) standards satisfactorily. The accreditation was granted based on the self-evaluation report (SER) and the onsite evaluation visit by the TEPDAD team thereafter. This recognition is a testament to the dedication of COMHS to its educational quality and standards which has helped in creating a centre of excellence for medical education in the MENA region.



**Congratulations!** 

**"We Are Proud of You"**

Please join us in Congratulating Dr. Saleh Al Khusaibi for being awarded the Prof. Al Bualy Pediatrics Award! This recognition is a testament to Dr. Al Khusaibi's dedication, expertise, and contributions to the field of pediatrics. We applaud his achievements and wish him continued success in his endeavors.

**"Together towards Excellence"**

Dr. Ali Al Bimani  
Vice-Chancellor

**Congratulations!** 

**"We Are Proud of You"**

We are thrilled to announce the exceptional achievements of our Electronics and Communication Engineering (ECE) students in the Huawei ICT Competition 2023 - Middle East/Oman. Mr. Muhammad Saleh Saif Al Yahyai secured the first position, while Mr. Taha Ahmed Salm Al-Hadrami achieved the second position in the Network track. Additionally, our institution, National University of Science and Technology was recognized for the best participation. Furthermore, we proudly acknowledge Mr. Imad Al Naimi as the Best Academy Instructor in the Huawei ICT Competition 2023 - Middle East & Central Asia, Oman. These successes reflect our commitment to excellence in education and technological advancement. Congratulations to all involved in this remarkable journey.

**"Together towards Excellence"**

Dr. Ali Al Bimani  
Vice-Chancellor

**Congratulations!** 

**"We Are Proud of You"**

This is to certify that **Aliza Batool** has achieved the status of Fellow (FHEA) in recognition of alignment against the Professional Standards Framework for teaching and learning support in higher education.

Fellowship reference: PR279205  
Date of Fellowship: 06/08/2024

**"Together towards Excellence"**

Dr. Ali Al Bimani  
Vice-Chancellor

**Congratulations!** 

**"We Are Proud of You"**

This is to certify that **Yeaveelin Vasheena** has achieved the status of Fellow (FHEA) in recognition of alignment against the Professional Standards Framework for teaching and learning support in higher education.

Fellowship reference: PR272742  
Date of Fellowship: 19/08/2024

**"Together towards Excellence"**

Dr. Ali Al Bimani  
Vice-Chancellor

**الجامعة الوطنية**  
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**تهنئة**

تتقدم الجامعة الوطنية للعلوم والتكنولوجيا بالتهنئة الخاصة للفاضلة **رزان بنت حمد بن سالم الكلبانية خريجة الجامعة الوطنية** بمناسبة حصولها على وسام الإضاءة السلطانية من الدرجة الثانية في مجال الشباب من لدن صاحب الجلالة السلطان هيثم بن طارق المعظم - حفظه الله ورعاه - وذلك نظير جهودها وإسهاماتها في مجال الشباب. تمنى لها دوام التوفيق والسداد في مسيرتها العلمية والعملية في خدمة مجتمعها ووطنها.

The National University of Science and Technology is Pleased to Congratulate **Razan Bint Hamad Al Kalbania National University Alumni** On receiving Royal order of Commendation (Second Class) in recognition of her achievements and effective contributions in youth Field.

We wish her more success and prosperity in her academic and professional journey in serving her community and her country.

**CONGRATULATIONS**

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## NU shortlisted for Zairi International Awards for Excellence in Higher Education (2023-2024):

Congratulations once again to the NU on its well-deserved nomination for the 3rd cycle of the Zairi International Awards for Excellence in Higher Education (2023-2024), specifically under the category Internationalization. The International Assessment Committee was highly impressed with the quality of the application submitted. In this regard, NU completed the formalities including a brief submission of one-page about NU and the project/initiative presented for the award, the institution high resolution logo, and two high resolution photographs that are relevant to the NU on February 10, 2024.



## GHEDEX Awards for Excellence in Education – NU won 2 Awards:

On 5th Feb 2024, NU became the recipient of 2 prestigious awards in GHEDEX AWARDS FOR EXCELLENCE 2024 in categories namely Student Innovation and Overall of Best of

Best. This is another remarkable performance by the NU in the GHEDEX series of awards.



## NU Participated in THE MENA Higher Education Leadership Forum:

NU participated in the above forum held on 17th and 18th April 2024 in UAE. Mr Nizamuddin Ahmed, AVC actively participated at this forum and engaged in a round table discussion on The Role of the Australian University (AU) in Fostering Sustainable Development. AVC participated in this prestigious forum and promoted NU's initiatives in addressing the SDG challenges.



## NU participated in Omani Universities Forum for Academic Ranking – University of Nizwa:

NU participated in the above forum held on 9th May 2024 at University of Nizwa. Mr Nizamuddin Ahmed, AVC, Prof Murali R V and Dr Mohammed Al Gheniami actively participated at this forum with a presentation on Importance of World Academic Ranking to the Omani Universities.



NU is ranked for the 3rd time in THE Global Impact Ranking 2024 edition:



### A Ranking Project Proposal submitted to TRC:

A research proposal entitled 'Establishment of World Ranking Corridor (WRC) for Omani HEIs to collectively achieve Oman Vision 2040 QS Ranking Targets' was submitted on 9th June 2024 for TRC review. The proposed budget of the project is 19,000 OMR spanning for two years. If finalised by TRC, the decision of shortlisting will be announced in Sep 2024..

|    |                                                                                                                                           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | <b>Project Title:</b><br>Establishment of World Ranking Corridor (WRC) for Omani HEIs to collectively achieve Oman Vision 2040 QS Targets |
| 2. | <b>Type of project application:</b><br>TRC – Research Grant                                                                               |
| 3. | <b>Sector Name:</b><br>Higher Education                                                                                                   |
| 4. | <b>Principal Investigator:</b><br>Dr R V Murail                                                                                           |
| 5. | <b>Co-Principal Investigators:</b><br>Dr Mohammed Amur Al Ghenaimi                                                                        |
| 6. | <b>Co-Investigators:</b><br>Mr A Nizamuddin Ahmed                                                                                         |
| 7. | <b>Other Team Members</b><br>Ms Najwa Al Buraiki<br>Ms Sumaya Al Mofli                                                                    |

### NU - UTAS Collaborative Meeting for World Ranking

A high-level delegates team from UTAS comprising deans of various UTAS Campuses visited NU and met our Vice-Chancellor Dr Ali Al Bimani and Assistant Vice-Chancellor Mr A Nizamuddin Ahmed on the 10th Jun 2024. NU and UTAS have agreed to jointly work and collaborate with each other for the advancement in the World Ranking particularly in the QS Arab Region Ranking.

### Status of various Ranking Projects and Award Projects of NU as on 3rd August 2024:

| NU RANKING PROJECTS |                                         |                                 |                                    |                                    |                                                                              |                                                                         |
|---------------------|-----------------------------------------|---------------------------------|------------------------------------|------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| No                  | Edition →                               | 2021                            | 2022                               | 2023                               | 2024                                                                         | 2025                                                                    |
| 1                   | QS UNIVERSITY RANKINGS ARAB REGION      | 111-120                         | 101-110<br>3 <sup>rd</sup> in Oman | 101-110<br>3 <sup>rd</sup> in Oman | 101-110<br>4 <sup>th</sup> in Oman                                           | Data Submitted on 12 Feb 2024 and results will be available in Oct 2024 |
| 2                   | THE ARAB UNIVERSITY RANKINGS            | 'Reporter' Status               | 'Reporter' Status                  | 141-160<br>4 <sup>th</sup> in Oman | Data Submitted on 31 Mar 2024 and results will be available in Nov 2024      | -                                                                       |
| 3                   | THE IMPACT RANKINGS                     | Not Applied                     | 1001+<br>1 <sup>st</sup> in Oman   | 1001+<br>1 <sup>st</sup> in Oman   | Data Submitted on 10 Nov 2023 and results will be available in June 2024     | -                                                                       |
| 4                   | SCIMAGO INSTITUTIONS RANKINGS           | Not listed                      | Not listed                         | 7498<br>5 <sup>th</sup> in Oman    | 8288<br>7 <sup>th</sup> in Oman                                              |                                                                         |
| 5                   | UiGreenMetric World University Ranking  | Not listed                      | 818<br>1 <sup>st</sup> in Oman     | 918<br>1 <sup>st</sup> in Oman     | Data will be submitted by Dec 2024 and results will be available in Jan 2025 | -                                                                       |
| 6                   | Webometrics RANKING WEB OF UNIVERSITIES | 9620<br>7 <sup>th</sup> in Oman | 5041<br>6 <sup>th</sup> in Oman    | 4779<br>6 <sup>th</sup> in Oman    | 4766<br>7 <sup>th</sup> in Oman                                              | -                                                                       |

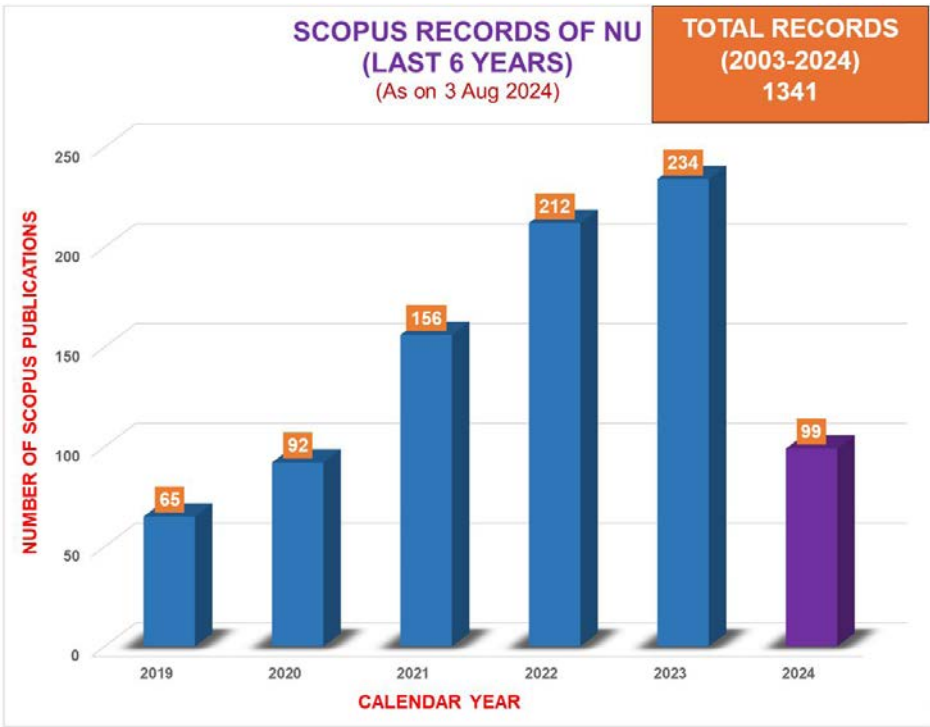


Status of various Ranking Projects and Award Projects of NU as on 3rd August 2024::

| NU AWARD PROJECTS |                                      |                                                                                                                                                                       |                                                                                                               |                                                                                                                                       |                                                                                                                                                                                                                         |
|-------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No                | Edition →                            | 2022                                                                                                                                                                  |                                                                                                               | 2023                                                                                                                                  | 2024                                                                                                                                                                                                                    |
| 1                 | GHEDEX AWARDS                        | <ul style="list-style-type: none"><li>INTERNATIONAL STUDENTS' RATIO</li><li>RESEARCH PROJECT</li><li>FACULTY &amp; STUDENT RATIO</li><li>BEST OF BEST AWARD</li></ul> |                                                                                                               | <ul style="list-style-type: none"><li>HEALTH &amp; WELLBEING</li></ul>                                                                | <ul style="list-style-type: none"><li>Global Ranking for Universities</li><li>Student Innovation</li><li>Best of Best</li></ul> <ul style="list-style-type: none"><li>Student Innovation</li><li>Best of Best</li></ul> |
| 2                 | COMEX AWARDS                         | <ul style="list-style-type: none"><li>HEALTH &amp; WELLBEING</li></ul>                                                                                                | <ul style="list-style-type: none"><li>INTERNET OF THINGS (IOT)</li><li>ARTIFICIAL INTELLIGENCE (AI)</li></ul> | <ul style="list-style-type: none"><li>Not won any award</li></ul>                                                                     | <ul style="list-style-type: none"><li>Submitted for 3 categories and Results in June 2024</li></ul>                                                                                                                     |
| 3                 | ZAIRI INTERNATIONAL AWARD            | Not Participated                                                                                                                                                      |                                                                                                               | <ul style="list-style-type: none"><li>Nominated for Final Round - Research Impact</li><li>Won Final Award - Research Impact</li></ul> | <ul style="list-style-type: none"><li>Nominated for Final Round – Internationalization</li></ul>                                                                                                                        |
| 4                 | THE MENA AWARD (THE ARAB WORLD RANK) | <ul style="list-style-type: none"><li>Award Instituted in 2023</li></ul>                                                                                              |                                                                                                               | <ul style="list-style-type: none"><li>NU shortlisted - Leadership and Management Team of the Year</li></ul>                           | <ul style="list-style-type: none"><li>Submitted for 3 categories and Results in Dec 2024</li></ul>                                                                                                                      |
| 5                 | WHARTON-QS REIMAGINE EDUCATION AWARD | <ul style="list-style-type: none"><li>NU shortlisted – Sustainability Education</li></ul>                                                                             |                                                                                                               | Not Participated                                                                                                                      | Call not received yet                                                                                                                                                                                                   |

Scopus Publications:

Status of NU Publications in Scopus indexed journals for the last 6 years and the total publications from 2003 to till date as on 3rd August 2024.



## College of Medicine & Health Sciences

### COMHS Curriculum Retreat – 2024:

The curriculum and learning resources committee (CLRC) at COMHS organised the curriculum retreat of 2024 focusing on the theme "Review, Refine and Reform" on 03rd July at Radisson Blu International, Sohar. The retreat was designed to appraise existing curricular activities and share recommendations that originated from End of the Year (EOY) reports pertinent to curriculum governance and delivery. The deliberations were also intended to review the results of benchmarking exercises that were carried out in the areas of curricular integration, clinical teaching and research in the UG curriculum. The retreat also reflected on the TEPDAD recommendations and discussed preliminary action plans as a response to this report. Besides faculty and student representatives from COMHS, invited participants included, members from the college administration and College Board, members from alumni and industry along with faculty from affiliated hospitals.



### Dean COMHS, Prof. Mohammed Al Shafae invited at Sohar University:

On February 1, 2024, Sohar University hosted a pivotal meeting with H.E. Prof. Dr. Rahma Bint Ibrahim Al Mahrouqi, Minister of Higher Education, Research, and Innovation (MOHERI), along with the Governor of North Al-Batinah and key representatives from the Ministry, the Municipal Council, and various government institutions in the North Al-Batinah Governorate.

During the meeting, Prof. Mohammed Al Shafae, Dean of the College of Medicine, presented an in-depth overview of key development projects. His presentation highlighted the College's mission, vision, facilities, research initiatives, educational advancements, and community engagement efforts, earning commendations from the Minister and other local governance officials. The meeting served as a valuable networking platform and laid the foundation for future collaborations aimed at addressing community needs.



### COMHS represents Oman at the WFME International Symposium on "Good Practices in Undergraduate Medical Education":

COMHS was invited to participate in the "World Federation for Medical Education Good Practices Symposium on Undergraduate Medical Education 2024" which was held in Istanbul from 22nd to 24th May 2024, organised by the Association for Evaluation and Accreditation of Medical Education Programs. The symposium was designed to foster regional and global dialogue on enhancing the quality of undergraduate medical education to meet the evolving needs of society and the healthcare system, with a focus on accreditation and educational best practices. The Dean of COMHS, Prof. Mohammed Al Shafae presented our experiences on "HOT-Cases for Curricular Integration during Clinical Clerkships" explaining the innovative approaches adopted for vertical integration during clinical years. Prof. Ciraj Ali Mohammed, Head of Medical Education shared the best practices on pioneering Interprofessional Education initiatives in the region aimed at fostering collaborative practice among students from different healthcare professions.



### College Open Day 2024 (Festival Village):

COMHS organized the College Open Day on Tuesday, February 27, 2024. The event, themed "Festival Village," was held under the auspices of the College Dean, Prof. Mohamed Al Shafae. The event was sponsored by MG Motor Middle East Company, Sohar Hospital Blood Donation Centre, the Fine Arts Studio at the Directorate General of Culture, Sports, and Youth of the Ministry of Culture, Sports, and Youth, and Al Batinah North Municipality. There were cultural display tents representing eleven countries: Oman, Bahrain, Palestine, India, Pakistan, Bangladesh, Nigeria, Sudan, Iraq, Lebanon, and Egypt. Students from these countries set up their own tents, showcasing various ancient arts and crafts, traditional apparel and fashion, and different traditional industries such as textiles, silver, and wooden trades. Additionally, local entrepreneurs and traders displayed their products for sale and participation.

In the evening, a fashion show was organized accompanied by a music band performance. Finally, Ms. Maryam Al Zadjali announced the winners of the first- and second-best student paintings and digital designs competition and the four best cultural tents competition. The winners were Ms. Bashair Yaqoob and Mr. Mohammed Al Rawi, were awarded cash prizes by Prof. Mohamed Al Shafae. The winners for the best cultural tents competition were as follows: first prize went to the Iraq tent led by Maryam Ahmed, second prize to the Palestine tent led by Ms. Muntaha Al Manji, and third and fourth prizes to the Oman tent led by Ms. Asma Al Mashaikhi and the Bahrain tent led by Ms. Al Yamama Al Nasri.





## COMHS Student Zainab Khadim Jaffar's team wins the International Interprofessional Case Competition (I2C2) Award:

National University congratulates Ms. Zainab Khadim Jaffer, final year MD student from COMHS for being a member of the winning team at the international interprofessional case competition (I2C2-2024). I2C2 provides avenues to collaborate on a small team with learners across professions, institutions, and countries from October 8th 2023 to 25th February 2025. As the competition evolves, the teams gain valuable interprofessional experience resolving a complex clinical case with their team. The competition culminates in developing a video that shares the creative solutions which the team uses in dealing with this complex case. Top-scoring teams presented their solution in a live final competition round to a panel of judges who rated their performance and innovative solutions focusing on contributions made towards outstanding interprofessional collaboration. Ms. Zainab expressed her satisfaction having worked with a team of students from diverse professions and regions and acquiring the necessary knowledge and attitudes for collaborative, patient-centered practice. She thanked the IPE subcommittee of COMHS for promoting such activities among students of National University..

## International Symposium on One Health (ISOH) - 2024:

The international symposium on one health was hosted by the Medical Education Unit, COMHS in collaboration with experts from WHO-EMRO, WHO-SEARO, EMPHNET, and Office of Health Affairs, Ministry of Health, Oman on 23rd February 2024. The event organized under NU lecture series provided a unique opportunity to engage in meaningful conversations to explore the interconnectedness of human, animal, and environmental health with specific reference to the MENA region. This initiative provided a platform for networking among professionals, researchers, policymakers, and organizations working in this domain. In his inaugural address Dr. Ali Al Bimani stated that by organizing this event National University has demonstrated its dedication and commitment in finding innovative solutions



to the most pressing global health challenges. The ISOH-2024 registered over 235 participants from 27 countries which included health care professionals, public health practitioners, veterinarians and agricultural/environmental scientists, Faculty/Staff, students and researchers from health professions. Representatives from NGOs and Industry working in the areas related to one health were also present.



## Faculty Development Programme on "Competencies for Medical Educators in the Era of artificial intelligence":

The Medical Education unit of COMHS organised an online workshop on 28th May 2024 on "Competencies for Medical Educators in the Era of Artificial Intelligence (AI)" which was facilitated by Prof. Mohammed Hassanien, Head of Assessment Unit and AI Committee, King Abdulaziz University, Saudi Arabia. The evolving landscape of medical education and the healthcare industry, emphasizing the increasing role of AI was highlighted.

The benefits of AI in enhancing educational outcomes, personalizing learning, and improving clinical decision-making was also discussed. The session also addressed the necessity for medical educators to stay current with technological advancements to prepare students for a future integrated with AI.

## Interprofessional Colloquium – 2024:

An interprofessional online colloquium for MD students from clinical years along with students from other health professions including nursing and lab sciences was organised on 15th May 2024. The colloquium had two major themes one on interprofessional identity conducted by Dr. Jan Jaap Reinders, University Medical Center Groningen, Netherland and the second one on interprofessional collaboration delivered by Prof. John Gilbert University of British Columbia, Canada. The sessions were designed to instil the values of interprofessional collaboration and patient centred care.



## COMHS Walkathon:

Under the patronage of Dr. Ali Al Bimani, Vice-Chancellor of the National University, the inaugural CoMHS Walkathon took place on February 5th, promoting healthier lifestyles and raising awareness about the prevention of metabolic syndrome.

Participants from educational institutions, industries, and the University's own students, faculty, and staff came together in a shared commitment to wellness. The event featured health awareness stations, invigorating exercises, and refreshments, supported by the Royal Oman Police and medical teams. The day concluded with sponsor recognition and giveaways, highlighting the university's dedication to fostering community and health.



### IFMSA General Assembly: Eastern Mediterranean Regional Meeting "EMR20":

The students of COMHS participated in the 20th Eastern Mediterranean Regional Meeting (EMR20) held in Amman, Jordan, an event that gathered 250 medical students from 16 countries. The meeting held on 4-12 February 2024, focused on enhancing healthcare leadership skills through diverse sessions on public health, human rights, and medical education. Our delegation of 23 students engaged in pre-EMR capacity-building sessions, and actively participated in workshops and cultural exchanges during the main event. Highlights included a national food party featuring Omani cuisine and a well-organized social program exploring Amman's historic sites.



### Fostering Social Accountability through Dialogues:

The COMHS conducted a session on "Fostering Social Accountability through Dialogues" on 18th February 2024. Dr. Mohamed H. Taha from the Medical Education Centre at University of Sharjah and Prof. Ciraj Ali Mohammed from the Medical Education Unit at COMHS were the facilitators. The event aimed to explore ways to extend medical education to the community, forge partnerships bridging academic knowledge and community health needs, and develop socially responsible healthcare professionals. This participatory session included students, alumni, faculty, and 20 external members from the community and healthcare industry. Dean Prof. Mohammed Shafae emphasized that the session's goals were to create

meaningful partnerships to address community health needs effectively.



### Blood Donation Campaign:



On 27th February 2024, COMHS in collaboration with the Ministry of Health (Sohar Hospital Blood Bank), organized a successful Blood Donation Campaign held at the College's Skill Lab. The campaign aimed to raise awareness about the importance of blood donation and address the blood supply shortage at Sohar Hospital. The event saw an impressive turnout of 70 donors, greatly appreciated by the Department of Blood Bank Services. The campaign highlighted the effective collaboration between the College of Medicine, the Community Engagement Office, and the Sohar Hospital Blood Bank Team, underscoring our commitment to community service and critical healthcare needs.

### Premarital Testing Awareness Campaign at Muscat Grand Mall :

On April 26th, 2024, COMHS represented by the Community Engagement Office and MD5 students, hosted a Premarital Testing Awareness Campaign at Muscat Grand Mall. Partnering with the National Genetic Centre, the campaign aimed to educate the public about genetic disorders and the critical importance of premarital testing. The event featured a variety of engaging activities, including expert-led discussions on genetics and hereditary conditions, as well as personalized counselling services. MD5 students played a key role, delivering interactive presentations and case studies that underscored the value of proactive health measures. With 16 dedicated student organizers and a turnout of 240 participants, the campaign effectively raised community awareness and encouraged informed decision-making, reflecting the College's ongoing commitment to service and community engagement.





### IP Poster Day: Enhancing Health outcomes through Interprofessional Education (IPE):

The Interprofessional Poster Competition, which was organised on 30th April 2024, showcased a vibrant exchange of ideas, featuring 16 posters that highlighted the diverse competencies of interprofessional education and practice. The event held for MD4 students in the Students Hub of COMHS aimed to promote collaborative learning and practice among different health professions, emphasizing the significance of interprofessional competencies in improving patient care. Participants expressed their satisfaction of understanding how interprofessional education can be leveraged to improve teamwork, communication, and ultimately, patient care.



The participants of IP Poster day along with the organising team, judges and winners of the competition.

### TED x NUSciTech 2024:

On August 17, 2024, COMHS students organized TEDxNUSciTech in Muscat. This year's theme was "Threads". It explored how diverse elements interweave to create a larger tapestry. It symbolized the connections between people, disciplines, and innovations, highlighting how each unique perspective contributes to a richer, interconnected narrative. The event featured six exceptional speakers, each offering unique insights aligned with the "Threads" theme. Their ideas and stories promised to weave a compelling and inspiring tapestry, enriching the experience for all attendees.





## College of Engineering

### Graduates Attend 9-Day Upskill Program:

TAHSIN 2024, a comprehensive nine-day graduate upskill program was successfully hosted at NU College of Engineering from 28th January to 8th February. This program was aimed at equipping graduate participants from all the programs with enhanced technical, professional, and personal skills to bolster their employability in the job market. The entire program involved different sessions delivered by experts from the industry and academia.

The program concluded with an enriching industrial visit to Oman Optic Fiber in Al Rusayl. It offered the participants a practical glimpse into industry operations. The entire event was meticulously organized by the Tahsin 2024 Organizing Committee consisting of faculties from our college academic departments ensuring a seamless and enriching experience for all participants.



### Incubation Centre-Money Factory represented NU at the OIF:

The Incubation Centre-Money Factory represented NU at the Oman Innovation Festival (5 to 10 February 2024), by having an interactive booth in the festival. Further, NU students participated in the Together we Innovate Competition, Energy Hackathon, Innovation Exhibition and the Investors Program. The Incubation Center achieved great results including:

- Atechz Team from College of Engineering was awarded two investments in their participation in the investors program-Jisr at the Oman Innovation Festival. The team won two investment offers from the Sultanate of Oman and the Kingdom of Saudi Arabia.

- Nadeem Team won the award of the "Best Innovative Project in Healthcare" at the Oman Innovation Festival.
- Naqla Team won the award of the "Best Innovative Project in Tourism" at the Oman Innovation Festival.

Dr. Ali Al Baimani, VC of the National University of Science and Technology visited the new headquarters of Small and Medium Enterprises Authority on 9th June to explore the areas of collaboration in supporting entrepreneurship at the University.

Mr. Ibrahim Issa Al Balushi, Head of NU Incubation Center participated at the International Council for Small Business World Congress 2024 in Berlin on 2nd to 5th July by facilitating a session on "The Role of National University in Supporting Entrepreneurship in Alignment with National Priorities in the Sultanate of Oman" and facilitated a workshop on "Developing Entrepreneurial Mindset among University Students". NU is very proud of sharing its experience at such an international platform and in making significant contributions towards supporting entrepreneurship.



Ruwad Club organized a panel discussion on the "Entrepreneurial Opportunities for Youth", with participation of Mr. Khalid Al Salhi from Industrial Innovation Academy and Ms. Fathiya Al Hakmani from Authority for SMEs Development. The event was organized at the Youth Centre on 20th March.

Ruwad Club members visited the new headquarters of Small and Medium Enterprises Authority on 11th June to explore the support and services provided by the authority in supporting students to start their entrepreneurial journey. Additionally, to meet successful entrepreneurs and learn from their experiences.



### NUCE Holds First International Symposium on Graduate Entrepreneurship:

The College of Engineering, National University of Science



& Technology, Oman held its first International Symposium on Graduate Entrepreneurship – “The Way Forward” on 17th April. The symposium was enriched by eminent speakers and experts in entrepreneurship, i.e., Professor Colin Jones, Director Learning Design Unit, Australian Pacific University, Queensland Australia. Professor Norris Krueger, Visiting Professor Kyusho University, Entrepreneurship Ecosystem Expert, US ; Engineer Mohammad Al Rasbi, Founder and CEO - R&D Capital & Labs, Oman; and Professor Andrew Penaluna, Professor Emeritus. Andy Penaluna is the former Director of the International Institute for Creative Entrepreneurial Development (IICED).



### Dr. Bhambare Obtains CEA Certification:

Dr. Parimal S. Bhambare of the MIE Department successfully obtained the professional certification credential on “Certified Energy Auditor (CEA®)”, from Association of Energy Engineers (AEE) International, located in Atlanta, USA on May 14, 2024. He has become 11th in the country to obtain such certification from AEE international. CEA® credentials are recognized by states, countries and organizations around the world, as well as the US Department of Energy and the US Agency for International Development. This certification meets the ASHRAE (Energy Audits) Standard 211 requirements to be a Qualified Energy Auditor.

### Dr. Devi Achieves Highest Scopus Publication:

Dr. Geetha Devi of the MIE Department has been honored by Dr Saleh Al Zadjali, the honorable Director General of Research Programs and capacity building at MoHERI, for achieving the highest Students Supported SCOPUS publication during the 3rd College of Engineering Research Day held on 9th May 2024 at CoE. Dr Geetha Devi received the appreciation certificate and a memento for publishing the highest number of research papers along with the students in Scopus indexed journals.

### Ms. Noura Al Balushi Wins First Place Best Paper Presentation:

Ms. Noura Ali Moosa Al Balushi a Chemical Engineering Faculty of the MIE Department won First Place in the best paper presentation category during the 2nd International Conference on Environmental Sciences and Engineering for Sustainable Development, ESESD 2024 organized by the University of Technology and Applied Science, Suhar, on 6th & 7th, March 2024. The title of the presentation was “Extraction and Characterization of Cellulose Nano Particles from Date Palm”. This was a PhD research work of Ms. Noura Al Balushi who is under the supervision of Dr. Geetha Devi.

### Staff Attend Workshop on OBL Assessment and Active Learning:

A workshop on “Customizing Your Teaching to Outcome-based Learning Assessment and Active Learning” for faculty and staff of NUCE was conducted on 7th March. Dr. Amal Hadabi from Sultan Qaboos University was invited as the resource speaker for the workshop.



### Students Attend Skill Development Workshop:

The Department of Mechanical and Industrial Engineering at College of Engineering conducted a Skill Development Workshop on Industrial Pump Operations on 6th March 2024. The workshop aimed to provide practical insights and hands-on experience to Mechanical and Process Operation and Maintenance Engineering students. Eng. Mohammed Al Amri delivered an insightful session, covering various aspects of industrial pump operations. Ms Nabila al Bulushi organized this event for the benefit of our Mechanical and POM Engineering students.



### Students Develop Skills through Workshop:

A Skill Development Workshop on “Design of Experiments (DOE) and Process Optimization Using Design Expert Software” was conducted on 24th and 25th April 2024. Dr. Amira Al Gharibi from the University of Technology and Applied Sciences, Muscat delivered sessions for the first day while Dr. Varghese & Dr. Parimal S. Bhambare facilitated on the second day. A total of 22 students of the Process Operation and Maintenance, Mechanical, and Chemical Engineering programs from Level 3 and Level 4 participated and benefitted from the workshop. The workshop was highly appreciated and well received by the participants. Dr. Parimal S. Bhambare, Dr. Varghese M. J., Dr. Sudhir C. V. and Dr. Dinesh K. Kaithari organized the said event.



## Future Engineers Attend Logistics Skills and Competencies Seminar:

A knowledge sharing seminar on "Logistics Skills and Competencies" was held on 30th April. There were three sessions planned during this event. Experts from industry and academia shared their expertise in this seminar. This seminar was organized at the COE on the occasion of Oman Logistic Day. This seminar aimed to provide undergraduate engineering students and MSc IOSCM students an opportunity to familiarize with the application of logistics operations and its contribution to the national economy in the Sultanate of Oman. Dr. Faustino Taderera organized the said seminar.



## News Bits:

- The Student Excellence Awards Program was held on 9th May under the patronage of Dr. Salim Al Aarimi, the DVCP. In this ceremony, the college celebrated the achievements of students during the academic year 2023-24. Also, outstanding students were awarded.
- The Department of Applied Mathematics and Science organized a monthly research seminar entitled "The Quantum Revolutions: Past, Present and Future". The talk was delivered by Dr. Alaa Ibrahim of the Sultan Qaboos University on 7th March.
- A three-day workshop was conducted on "My Specialty is My Profession" workshop for school students from 24th to 26th June. The workshop was executed in collaboration with MoHERI with the objective to expand school student understanding of engineering concepts and linking the knowledge gained in school to engineering concepts in college.
- The college organized an Alumni Iftar Gathering at the Al Hail Campus on 3rd April. Many graduates attended despite their work commitments and other engagements. The sharing and discussion among graduates about the professional future, the obstacles and challenges faced, and the motivations for a better future was very enriching.
- Dr. Amuthakannan and Dinesh K. Kaithari organized a symposium on "Challenges in Fourth Industrial Revolution (4IR)" at the College of Engineering, NU on 6th March. The symposium focused mainly on the challenges and requirements in the implementation of 4IR among industries in the Sultanate of Oman.
- Ahmed Mohammed Al Khaldi (BEng COE), Abdulrahman Al-Bulushi (BEng EPE) and Omar Zeid Al-Kilani (BEng COE) have participated in the Robotic Challenge Competition, IEEE Oman SYP Congress 2024 held at the Sultan Qaboos University on 27th February 2024.
- Malak Salim Ali Al Maqrashi (BEng ECE) and Shamsa Ali Salim Said Al Mahrizi (BEng ECE) presented their project work titled "Digital Medical Imaging System – A Prototype" during the Oman Innovation Festival on 11th February 2024.
- Bayan Faisal Al Jahwari (BEng ECE), Hassan Ali Al Nassri (BEng COE), Baraah Abood Al Mushaifri (BEng COE) and Tariq Al Balushi (BEng MEE) participated in the In-Pipeline Inspection Robot Competition held at Sultan Qaboos University on 14th February 2024.
- Malak Salim Ali Al Maqrashi (BEng ECE) and Shamsa Ali Salim Said Al Mahrizi (BEng ECE) presented their project work titled "Design and Development of a Digital Macro-Pathology System" at Project Competition, IEEE Oman SYP Congress 2024 held at Sultan Qaboos University on 27th February 2024.
- Amna Al Balushi and Nabila Al Rashdi have bagged the First Prize for the Best Presentation during the International Student Research Conference, GUTech – ISRC2024 German University of Technology in Oman (GUTech) held on 24th April 2024, at the Main Campus of GUTech – Halban.
- A Skill Development Workshop on "Analyzing practical applications of solid mechanics using SOFT-TOOL" was held on 16th and 23rd April 2024. A total of 20 students of Level 2 from the MIE Department participated and benefitted from the workshop. Dr. Dinesh K. Kaithari, Dr. Parimal S. Bhambare, and Mr. Abdulshafi organized the event.
- Dr. Ramesh Kumar, Dr. Moammer, Dr. Amuthakannan and their team have organized a one-day symposium on "Intelligent Condition Monitoring and Reliability" on 22nd April at the College of Engineering, National University of Science & Technology. Experts from industries and academia have shared their expertise in this event.
- Ms. Hajer Allezami received the Best Technical Research Paper Award during the CoE Research Day on 9th May. She is supervised by Dr. Geetha Devi. The team received a certificate of appreciation and memento from Dr. Saleh Al Zadjali, DG of Research Programs and capacity building MoHERI.
- The undergraduate student research team composed of Reem Al Maamari, Safiya Al Rubaie, Sara Al Jassasi, and Aisha Amir had their research project funded by MoHERI. The URG23 entitled "Ecofriendly synthesis and characterization of aluminium oxide nanoparticles from waste aluminium foil for antibacterial and antifungal activity study". The URG23 research team also received a certificate of appreciation during the NUCE Research Day held on 9th May. The team's faculty mentor is Dr. Geetha Devi.
- MS Manahil Msellem Al Khusaibi with her supervisors, Dr Shah Jahan and Dr Shabib Sulaiman Al Rashdi were awarded the Best Student Paper for their project entitled "Extraction and Characterization of Eco-friendly Bio-pesticide from Custard Apple Seed Kernels" during the 13th Symposium on Engineering Final Year Projects (13th SYEP) with the theme, "Engineering Innovation and Entrepreneurship" held on 7th May at the University of Nizwa, Oman.
- A Chemical Engineering Alumna, Ms. Amna Wahab Al Rasbi and her supervisor, Dr. Geetha Devi, were nominated and honored by the Ministry of Youth and Sports at the ceremony celebrating Creative Gulf Youth on 12th May as a part of the 37th meeting of Ministers of Youth and Sports of the entire Gulf (GCC). This nomination and honor is due to their excellent contributions in Nanotechnology.
- Mr. Ibrahim Issa Al Balushi, Head of NU Incubation Center was invited to be part of the judging panel of the North Al Batinah Governorate Entrepreneurship Award on 4th April, organized by the Governor Office in North Al Batinah. Moreover, Mr. Ibrahim, who is likewise a Senior Lecturer of the PDH Department was shortlisted for the award of the Most Innovative Teacher of the Year, organized by Times Higher Education for Arab World Awards 2024. The award was bestowed in July 2024.



## International Maritime College Oman (IMCO)

### IMCO Adventures:

#### NU Female Student Camp February 2024

IMCO Adventures Club organized the NU female student camp from Thursday, 22/02/2024 to Sunday 24/ 02/2024. The camp was held in Wadi Al Hawasinah in Wilayat Al-Khaboura. The camp lasted for three days.

Female students from different NU colleges participated in this camp. During the camp, a variety of activities were implemented, such as hiking with recreational activities, which aimed to develop student skills like time management, planning and teamwork. Furthermore, these activities build student leadership skills and enhance their personality.



#### Adventure Camp for NU Executives

From 15/2/2024 to 17/02/2024, the International Maritime College Oman organized an adventure camp for NU executives in Wadi Al-Hawasna in the Wilayat Al-Khaboura.

The camp included a tour around the old village in Wadi Al-Hawasna, where participants learned about the history of the village and its cultural heritage, followed by a trek in the wadi.

It was then followed by a variety of entertainment activities and events for participants during the morning and evening.



### Spelling Bee Competition

Spelling competitions provide a range of benefits that contribute to both the academic growth and personal development of students. Preparing for a spelling competition encourages students to expand their vocabulary, boosts their confidence, and enhances their critical thinking, teamwork, and collaboration skills. The third spelling competition of the Academic Year 2023-2024 was held on March 11, 2024, under the leadership of

Ms. Leena Johnson. The event was a success, with participants thoroughly enjoying the experience. The competition introduced new elements that motivated students to participate, and gifts were awarded to both the winners and all participants. Additionally, the audience received gifts to encourage their involvement.



### Open Day:

IMCO organized its annual open day which included many activities.



### IMCO Football Championship 2023/2024

The IMCO football championship concluded on Monday 26th February 2024, at Majees Sports Cultural Club Stadium. This championship is one community engagement between the college and the surrounding community, as it is hosted annually by the Majees Sports Club.

The Student Affairs Department organized and managed this championship and certified referees are annually enlisted by the Omani Football Association.



The championship started on Monday, 19th February 2024, at Majees Sports Cultural Club stadium. Prior to the championship, an email invitation was sent to all staff and students to participate.

In this championship 2023/2024, eight teams from all college departments were registered, divided into two groups with an average of 4 teams per group, and the groups were named as follows:

#### Group One:

- Al Hazm Team (a team consisting of fresh graduates)
- Al Shabab Team (a team consisting of students from the Logistics and Transport Management Department)
- Al Hilal Team (a team of students from the Maritime Engineering Department)
- Al Nukhba Team (a team of foundation year students)

#### Group Two:

- Staff Team (a team consisting of college staff)
- Saham Team (a team consisting of students specializing in maritime navigation)
- International Students Team (a team consisting of international students studying at the college)
- Al Nasr Team (a mixed team of DO students)

The championship witnessed strong competition among the participating teams and enthusiastic support from the IMCO students, Majees Club fans and the local community. Each week the matches were held on Sundays, Mondays, Tuesdays, and Wednesday.

The final match was held on February 26, 2024, in the presence of the faculty members, some members of the Majees Sports Club, and college students. It was between the staff team and Saham team.

Finally, we would like to congratulate the Saham team for getting the first place in the college football championship for academic year 2023 /2024. They won against the staff team.

#### Counselling Exhibition:

The Student Affairs Office organized a counselling exhibition on Sunday, 21st of April from 10:00 am to 1:00 pm at the college main hall.



Counselling sessions were held by government and private regional bodies. The following activities were arranged:

- Medical counselling.
- Social counselling.
- Psychological counselling.
- Religious and Cultural counselling.
- First aid.

It was participated by government and private regional bodies.

#### Community services:

##### Entertainment day:

Student Affairs Department implemented an entertainment day for students in summer center in Sohar and Ibri.



##### Beach Cleaning Campaign

As part of our Community Engagement initiatives, the Foundation Society organized a beach cleaning campaign on February 28, 2024, at the beach adjacent to the campus. Faculty members, administrative staff, and students actively participated in the effort. The campaign not only raised awareness about the impact of littering and pollution on the environment but also fostered a sense of community and shared responsibility. It provided an opportunity for the IMCO family to work together in caring for our environment.



##### Science Cluster Publication Details:

- **Dr. Taofeek O. Alade** published a research article titled "A nonlinear mathematical model for exploring the optimal cost-effective therapeutic strategies and within-host viral infections spread dynamics." Healthcare Analytics (2024): 100321. <https://doi.org/10.1016/j.health.2024.100321>
- **Taofeek Alade.;** Olaniyi, Samson; Idris, Hassan A.; Al Rahbi, Yaqobi; and Alnegga, Mohammad (2024). (R2071) Global Stability Analysis of CHIKV Dynamics Model with Adaptive



Immunity and Distributed Time Delays, Applications and Applied Mathematics: An International Journal (AAM), Vol. 19, Iss. 1, Article 9. <https://digitalcommons.pvamu.edu/aam/vol19/iss1/9>.

- **Dr. Taofeek Alade** presented a research article title "Mathematical Modeling and Analysis of Virus Dynamics: Integrating Immune Responses and Transmission Modes" in the Third International Conference on Applied Mathematics in Engineering, 26-28 June 2024, Turkey. <https://icame.balikesir.edu.tr/>
- **Prof. Dr. J. Sathik, Jehad AL Jabri, Maryam Al Ghaithi, Maryam Al Saadi** published a research article titled "Desalination and Emission Reduction Techniques in a Diesel Engine Powered with MWCNT Blended Emulsions" was published in the ITAS – Proc. of the International Conference on Innovation and Technological Advances for Sustainability, June 25, 2024. <https://f1000research.com/documents/13-765>
- **Mr. Ranjit, Prof. Dr. J. Sathik & Ahmed Al Saadi** contributed a research article titled "The scope of integrating AI in the evaporation traits of blended fuels" in the International Conference on Artificial Intelligence 2024 (ICAT 2024) conducted by National University at Muscat on May 1, 2024.
- **Prof. Dr. J. Sathik, et al.** published a Scopus-indexed book chapter titled "The Evolution of Energy Storage Devices", Introduction to Functional Nanomaterials 2024, Taylor & Francis, CRC Publishers, USA.

#### Science Cluster Patent Details:

- Prof. Dr. J. Sathik, et al published a patent titled "Smart Hydraulic Pump with Variable Displacement for Energy-Efficient Fluidpower" Appln. No. TEMP/E-1/102731/2023-MUM., , Journal No. 03 No. 03/2024 Dated Part - 1 pdf on page 370. <https://search.ipindia.gov.in/IPOJournal/Journal/Patent>
- Science Cluster Workshop Details:
- Prof. Dr. J. Sathik Basha, Dr. Tahereh Jaffry, Dr. Muna Al Hinai, Mr. Ranjith & Mr. Jahenzab conducted a workshop on Advanced Fuels Technology & Systems (AFTS) on April 23, 2024 (1.00 pm – 4.00 pm) for the staff and students.

#### Business Idea Competition 13/5/2024

The Logistics Management Department conducted the Business Ideas competition.



#### Logistics Poster Competition from Industrial Visit 6/3/2024

LM students from years 1, 2, and 4 participated in a field trip to various companies at Sohar Port and other logistics and transport firms in Sohar City. Following the trip, each group created a poster about the company they visited. A poster competition was then held at IMCO, where students displayed their posters and presented them to visitors. The winners of the poster competition received certificates and gifts from the LTM Department.



#### Research Innovation Day:

IMCO successfully hosted its fourth annual Research and Innovation Day (RID) for the academic year 2023-2024. This occasion is a college-wide academic event providing a platform for both faculty and students to showcase the diverse and impactful research activities conducted at IMCO. This event is a significant component of our commitment to fostering a vibrant research culture among the academic community and fostering multidisciplinary research collaborations. RID attracts professionals from surrounding industries.

This convergence of academia and industry contributes to the broader goal of aligning research outcomes with real-world applications. RID serves also as an occasion to recognize the outstanding research contributions of both faculty and students. The Dean presented various awards, including the Best Research Mentor Award, External Grant Achievement Award, and the Graduate Project Competition Award.

#### Engineering Department

##### Faculty Journal Articles

Author(s), Title of the Article, Name of the Journal, Publication Date (Month Year)

1. Jafary T, Yeneneh AM, Al-Hinai M. Role of microbial electrolysis desalination cell in sustainable water and energy management: Performance assessment of platinum and nickel foam cathodes and simulating integration with reverse osmosis systems. International Journal of Hydrogen Energy. 2024 Apr 23.
2. Yeneneh AM, Al Balushi K, Jafary T, Al Marshudi AS. Hydrodynamic Cavitation and Advanced Oxidation for Enhanced Degradation of Persistent Organic Pollutants: A Review. Sustainability. 2024 May 29;16(11):4601.
3. Sen TK, Mesfin Yeneneh A, Jafary T, Al Balushi K, Hong E, Adewole JK, Hamed Al Hinai M, Shinde S. Municipal sewage sludge dewatering performance enhancement by

ultrasonic cavitation and advanced oxidation: A case study. Water Science & Technology. 2024 May 15;89(10):2593-604.

- Abidemi, Afeez, Mohammad Alnegga, and Taofeek O. Alade. "A Nonlinear Mathematical Model for Exploring the Optimal Cost-Effective Therapeutic Strategies and Within-Host Viral Infections Spread Dynamics." Healthcare Analytics 5 (June 2024): 100321.
- Taofeek O. Alade, Samson Olaniyi, Hassan A. Idris, Yaqoob Al Rahbi, and Mohammad Alnegga. "(R2071) Global Stability Analysis of CHIKV Dynamics Model with Adaptive Immunity and Distributed Time Delays." Applications and Applied Mathematics: An International Journal (AAM) 19, no. 1 (June 2024): 9.

### Student-Faculty Journal Articles

Author(s), Title of the Article, Name of the Journal, Publication Date (Month Year)

- Oladipo H, Adewole J, Abidoye L, Al Hinai S, Al Kharusi S, Al Salti M. Microreactor modeling for green photocatalytic degradation of water contaminants. Chemical Papers. 2024 Jun 7:1-9.

### Faculty Conference Papers – Faculty

Author(s), Title of the Paper, Name of the Conference, Presentation or Publication Date (Month Year), Country

- Tahereh Jafary, Anteneh Yeneneh, Muna Al-Hinai, Harnessing Wastewater for Green Hydrogen Production and Sustainable Desalination through Microbial Electrolysis Desalination Technology, 2nd International Conference on Environmental Sciences and Engineering for Sustainable Development, ESESD 2024, UTAS, Sohar, 6-7th March 2024
- Muna Al-Hinai, Nanomaterials Based Luminescent Pesticides, Lindau Nobel Laureates Meeting, 1st July 2024, Germany
- Thangam TT, Kalifullah AH. Solar Based Isolated DC-DC Converter for Wireless Power Transfer Applications. In 2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI) 2024 Apr 17 (pp. 1-5). IEEE.
- Taofeek O. Alade "Mathematical Modeling and Analysis of Virus Dynamics: Integrating Immune Responses and Transmission Modes." The 3rd International Conference on Applied Mathematics in Engineering (ICAME'24) 26-28 June 2024, Ayvalık - Balıkesir, Türkiye. ICA 24 (2024): 174.

### Student- Faculty Conference Papers

Author(s), Title of the Paper, Name of the Conference, Presentation or Publication Date (Month Year), Country

- Manar Al-Attar, Anfal Al-Shizawi, Tahere Jafary, Muna Al-Hinai, Anteneh Mesfin, Valorization of agriculture waste into activated carbon for CO2 capture, 2nd International Conference on Environmental Sciences and Engineering for Sustainable Development, ESESD 2024, 6-7th March 2024, UTAS, Sohar, Oman

### External Award of grants during Feb to Aug 2024

- Dr Tahereh Jafari (PI) , Dr Muna Al Hinai, Dr Anteneh Yeneneh obtained 48,800 from MOHERI.

### Research Clubs, Seminars, Workshops

- Year 1 Process Engineering Induction Program
- Research Methodology Workshop for Part time graduation Project
- Research Methodology Workshop for Part time graduation Project- TECHNICAL REPORT WRITING – II, METHODOLOGY, RESULTS & DISCUSSION, CONCLUSIONS
- Research Methodology Workshop for Part time graduation Project- SAMPLE CHARACTERIZATION AND ANALYSIS
- Research Methodology Workshop for Part time graduation Project- BASIC STATISTICAL CONCEPT, CORRELATION, AND REGRESSION/DATA ANALYSIS WITH MS-EXCEL AND ORIGIN
- Research Methodology Workshop for Part time graduation Project-Risk Assessment
- Introduction to Advanced Fuels Technology & Systems
- Sustainability in Action: Industry Insights and Curriculum Innovation for CO2 Reduction
- Lindau Sciathon 2024

### Research Award:

- Maira Al-Qaidi, Tahereh Jafary, Muna Al-Hinai, Governance Innovation Competition, Al-Batinah North, 2nd Place, Sohar, February 2024
- Manar Al-Attar, Anfal Al-Shizawi, Tahere Jafary, Muna Al-Hinai, Anteneh Mesfin, Valorization of agriculture waste into activated carbon for CO2 capture, 2nd International Conference on Environmental Sciences and Engineering for Sustainable Development, ESESD 2024, 6-7th March 2024, UTAS, Sohar, Oman
- Muna Al-Hinai, 4th Lindau Sciathon, Lindau Nobel Laureate Meeting, 30th June- 5th July 2024, Germany

### Maritime Department Activities

#### Faculty Journal Articles

- Colak ATI (2024) Geospatial analysis of shoreline changes in the Oman coastal region (2000-2022) using GIS and remote sensing techniques. Front. Mar. Sci. 11:1305283. doi: 10.3389/fmars.2024.1305283
- Muhammad Yasir, Liu Shanwei, Xu Mingming, Wan Jianhua, Sheng Hui, Shah Nazir, Xin Zhang, Arife Tugsan Isiacik Colak, YOLOv8-BYTE: Ship tracking algorithm using short-time sequence SAR images for disaster response leveraging GeoAI, International Journal of Applied Earth Observation and Geoinformation, Volume 128, 2024, 103771, ISSN 1569-8432,
- Shamim Ahmad Khan, Abdul Hameed Kalifullah, Kamila Ibragimova, Akhilesh Kumar Singh, Elangovan Muniyandy and Venubabu Rachapudi, "Integrating AI and IoT in Advanced Optical Systems for Sustainable Energy and



Environment Monitoring" International Journal of Advanced Computer Science and Applications(IJACSA), 15(5), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.01505123>

4. Sethi, M., Bodhe, A., Chauhan, A., Umaralievich, M. S., Nematovich, K. I., Singh, M. V., Kumar, M., Kalifullah, A. H., Malleswara Rao, L., Saleh Al Ansari, M., & Prakash, J. (2024). Impact of absorber surface coatings on the thermal performance of non-concentrating solar thermal collectors: An overview. Materials Today: Proceedings. <https://doi.org/10.1016/j.matpr.2024.05.019>
5. Suraj Bandhekar, Abdul Hameed Kalifullah, Venkata Krishna Rao Likki, Hatem S. A. Hamatta, Deepa and Tumikipalli Nagaraju Yadav, "Optimizing Industrial Engineering Performance with Fuzzy CNN Framework for Efficiency and Productivity" International Journal of Advanced Computer Science and Applications (ijacsa), 15(6), 2024. <http://dx.doi.org/10.14569/IJACSA.2024.01506126>
6. Nourhan I. Ghoneim, A. Amer, Khalid AL-Saidi, Ahmed Megahed, Analysis of heat mass transfer in a squeezed Carreau nanofluid flow due to a sensor surface with variable thermal conductivity, Nonlinear Engineering. Modeling and Application, DOI: 10.1515/nleng-2024-0021 Accepted, waiting for publication

#### Book-Chapter

1. Impact of Ship Performance Monitoring Systems and Navigation Optimizing Technologies on Green Shipping, ,Smart and Green Maritime, Book Chapter, Amfora Publishing, 2024 (Turkish language)

#### International Proceedings

1. Isiacik Colak, T., Kumar, R., and Benayoune, A., 2024, Innovating Maritime Training and Education Institutions` Curriculum by AI and Advance Technology Integration, AMET Global Summit Conference, 2024, ISBN: 978-93-6290-050-0
2. Benayoune, A., et al., 2024, Balancing Vocational and Academic Approaches in Maritime Education and Training: A Case Study, AMET Global Summit Conference, 2024, ISBN: 978-93-6290-050-0 India
3. Abdul Hameed & Thomas Thangam Jeyaraj, Solar Based Isolated DC-DC Converter for Wireless Power Transfer Applications, RAEEUCCI-2024, April 2024 , Chennai, India
4. Abdul Hameed & Thomas Thangam Jeyaraj Advanced Ev Charging System With Anfis Mppt Based Modified Zeta Converter, ICAT 2024, Oman

#### AWARD:

1. Best Paper Award at AMET GLOBAL MARITIME SUMMIT (AGMS 2024) Theme: Charting the Future of Maritime Excellence, Date: 2nd JULY 2024 Isiacik Colak, T., Kumar, R., and Benayoune, A., 2024, Innovating Maritime Training and Education Institutions` Curriculum by AI and Advance Technology Integration

#### Graduation Project Awards selected by Industry Judges

1. Artificial Intelligence Technologies in the implementation of the navigational system ( Advisor Capt. Arife Tugsan Colak)

- MOHAMMED AQIL GHULOOM AL-AJMI
- KHALID AHMED GHULOOM AL-AJMI
- NAHIAN KHAMIS OBAID AL-KALBANI
- KHALID MOHAMMED AL-KENDI
- SAID NASSER SAID AL-ABRI

2. Marine Engineering: Harvesting sound energy and generating electricity from marine industry by piezoelectric sensor , academic (Advisor: Eng. Hamid Reza Soltani) –

- ADHRA JUMA ALI AL RIZAIQI
- MIRAJ ABDULLAH KHAMIS MARHOON AL YAARUBI
- MARYAM SALIM MATTAR SAID AL-YAAQOUBI
- JALAL ALDEEN HAMOOD ABDULLAH AL HUDAIFI

#### Maritime Department Events

1. IMCO Dean and HODs attended International Seafarers Day MOTCIT - Maritime Surveillance of Oman Coasts had been presented by Capt. Tugsan.

Capt. Tugsan made a presentation about Maritime Surveillance of Oman Coasts and Capt Raj gave a plaque for sponsorship 25.06.2024 ( Please see attached pictures)

2. Capt. Raj and Capt. Tugsan visited the sites for physically checking the simulators` vendors viz. M/s ARI, New Delhi and M/s Elektronik Lab, Chennai
3. Visit to AMET University and AMET University Maritime Excellency Maersk ( Please see attached Pictures)
4. Capt Tugsan, Capt. Raj and Prof. Abdelghani got best paper award at Global Summit - AMET GLOBAL MARITIME SUMMIT (AGMS 2024) Charting the Future of Maritime Excellence – Paper Title: Innovating Maritime Training and Education Institutions` Curriculum by AI and Advance Technology Integration
5. AMET International Dean visited to Maritime Department and arranged a meeting and a visit for Maritime Department facilities.
6. Ministry of Transportation, Communication, Information Tech. has been visited. Approval has been taken for the new structure of NU IMCO Certificates.
7. VShips Muscat Office members have been visited to Maritime Department and arranged a meeting and a visit for Maritime Department facilities.
8. Royal Navy of Oman Executive Officers have been visited IMCO. A meeting has been conducted for collaboration and MoU. (pls see attached pictures)
9. Bernard Schultz Maritime Shipping Company visit has been conducted, maritime facilities have been visited. MoU between Bernard Schultz Maritime Shipping Company and NU IMCO 18.04.2024
10. Scorpio Shipping Company visit has been conducted, maritime facilities have been visited. MoU between Scorpio Shipping Company and NU IMCO 25.04.2024

11. BOT Members have visited Maritime Department Facilities: Bridge and Engine Simulators, ECDIS, HV Workshop 30.01.2024
12. NU-IMCO Maritime Department applied to International Professional Maritime Lecturer Association ,04.04.24
13. Indian Ambassador has visited to Maritime Facilities and HOD joined the meeting. 24.04.24
14. Maritime Department applied for a two block funded research project and UG project.
15. Maritime Department HOD- Capt. Superintendent joined panel discussion and presented "Navigational Excellence: The Future of Maritime Education and Employability." On 07.08.2024 at ICOTE'24 - International Conference on Talent Ecosystem

### Event Details:

#### Industrial visits:

On March 11<sup>th</sup>, a group of twenty Marine Engineering Year 1 students, accompanied by their supervisor Eng Nauryzbek, had the opportunity to visit the Abaq Al Ebdaa Yacht Construction Site in Suwaiq City. The purpose of the visit was to gain practical insight into the process of yacht and boat construction using fibre-reinforced plastic (FRP).

At the construction site, we were warmly welcomed by Engineer Suleiman, the owner of the company, and Senior Engineer Jino. They provided us with a comprehensive overview of the yacht-building process, focusing particularly on the vacuum infusion process (VIP) technique for laminating and creating the hull of the boat. It is worth mentioning that the Abaq Al Ebdaa company is the only one in Oman which is using this technology.

During the demonstration, we observed the intricate steps involved in the VIP technique, including coating by gelcoat, strengthening the mold and hull with high-density foam, and preparing the mold using CNC machines. Engineer Suleiman and Senior Engineer Jino patiently explained each stage, allowing us to understand the complexities and precision required in yacht construction.

#### Try Sailing Day

The Maritime Department hosted a "Try Sailing Day" event on 11<sup>th</sup> of March, providing students with a unique opportunity to experience the thrill of sailing firsthand. Year 4 student Hussein Al Mansoori and Eng Nauryzbek Bekpembetov were explaining the basics of the sailing. The event aimed to introduce students to practical sailing skills, foster teamwork, and deepen their understanding of maritime navigation.

Students learned essential sailing techniques, including rigging, steering, and handling different wind conditions. The event emphasized the importance of teamwork, communication, and problem-solving—key skills in maritime careers. Additionally, it allowed students to apply classroom knowledge in a real-world setting, enhancing their confidence and competence on the water.

### IMCO Career Guidance Day

Captain Kais and Eng Nauryzbek as members of the Placement and Alumni Office helped to organize the IMCO career guidance day on 8<sup>th</sup> of May. It included corners for participants from maritime, logistic and process companies. The exhibition provided students with valuable exposure to industry opportunities and offered a platform for the participants to promote their brands and career pathways.

**Participating companies:** OQ, Oman Coast Guard, Asyad Shipping, Vale Oman, Sohar Port, National Ferries Company, Al Madina Logistics, C. Steinweg Oman, Sohar Operation Services, Taghleeif Industries, Oman Sugar Refinery, Badr Al Samaa Polyclinic.



### Gulf Traffic Week at Safer Mall

The General Traffic Command celebrated the Gulf Traffic Week at Safer Mall from 3<sup>rd</sup> to 7<sup>th</sup> March with the slogan "No Phone While Driving". The students of the Maritime.





## College of Pharmacy

### CoP organized a half day industrial visit for twelve 3rd year B. Pharm students:

CoP organized a half day industrial visit for twelve 3rd year B. Pharm students on 4th August 2024 to National Pharmaceutical Industry (NPI). They were accompanied by CoP faculty, Dr. Javed Qureshi. NPI is the first pharmaceutical manufacturing company in Oman and its operations are spread all over the world. The purpose of the visit was to provide an opportunity for the students to interact with industry experts and make them aware of the industrial procedures. The visit oriented to critical aspects of GMP compliance and regulations in real time industrial operations and to correlate the classroom teaching with actual practice in pharmaceutical industry.



### White Coat Ceremony:

CoP conducted the White Coat Ceremony on 27th June 2024 for 42 final year Pharmacy students. The chief guest was H.E. Dr. Ahmed bin Salim Al-Mandhari, Undersecretary of the Ministry of Health for Planning and Health Organization. The ceremony was also attended by the NU Executives, faculty and staff. The oath was given by CoP Dean Prof. Khalid and robing of the white coat was done by Dr. Nida Mohammed Ali Wadi, Dr. Abdul Salam Nazmi and Ph. Halima Al-Zadjali. The vote of thanks was given by the Assistant Dean for Academic Affairs Prof. Alka Ahuja. Final year student Ms. Rhama Al Riyami and Ph. Fahad Othmani gave the alumni address.



### Short courses Medication Therapy Management and Patient Safety:

The Industry and Community Engagement Committee chaired

by Prof. Majed Abu Khader organized two short courses. Medication Therapy Management and Patient Safety course was sponsored by the Oman Pharmaceutical Society and OMSB-CPD and accredited for 6.5 points. The speakers were from the industry and academia. Dr. Yaman Kassab from CoP, spoke on topics related to medication errors and drug related problem. Ph. Hamed Al Khanjary from Diwan Health Complex spoke on patient counselling and its challenges, and Ph. Wafa Al Balushi from Rustaq Hospital talked about medication adherence and monitoring. Dr. Safiya AlShahi from Healthcare Consultant spoke on topics related to quality and patient safety, risk analysis assessment and performance improvement in the medical setting.



### Pharmaceutical Marketing and Leadership course:

Pharmaceutical Marketing and Leadership course was conducted for two days. The participants included pharmacists from government hospitals, alumni, and students. The four speakers included Prof. Alka Ahuja from CoP who spoke about leadership and management, Ph. Ahmad Al Kayal from Taiba Healthcare®, KSA spoke about marketing strategies and its application, Ph. Hind Osman from Pharmacy Manager spoke on how to create and establish a successful pharmaceutical business in Oman and Dr. Yaman Kassab from CoP spoke about Pharmacoeconomics. These courses helped the pharmacists in their professional development.



### CoP organized the Pharmacy Club session:

In collaboration with Oman Pharmaceutical Society @ omphs2007, CoP organized the Pharmacy Club session under the theme "Pharmacy of the future: Adapting to technological Evolution". The session was attended by students from different

pharmacy colleges and pharmacy professionals from hospitals, industry, and academia.



### A lecture on "Observational Research Designs":

Graduate Studies, Research and Innovation Committee invited Dr. Abdul Hakim Al-Rawahi to deliver a lecture on "Observational Research Designs" on 23rd April 2024. Dr Abdul Hakeem Hamood Al Rawahi is a Senior Epidemiologist & Research Expert at Confidence Interval Office for research services. He was the former Head of Research at the OMSB. He talked about key differences between study designs, Qualitative vs. quantitative research, Pyramid of validity (strength) of evidence, Observational study designs, Cross-sectional design, Considerations, Case control design and Cohort design.



### Human Minds Al Hands for College of Pharmacy ":

On 16th May 2024, Mr. Mohamed Salah El Din, lecturer from Majan University College (MUC) gave a talk on Human Minds Al Hands for College of Pharmacy faculty and staff. The talk was enlightening and resourceful.



### Training session for all the CoP staff on Advanced Features of MS Power Point:

On 5<sup>th</sup> May 2024, Ms. Syeda Tasneem from UTAS, Nizwa South

Campus conducted a training session for all the CoP staff on Advanced Features of MS Power Point.

The training session focused on the functions that will help both the faculty and staff to create documents, PPTs and posters.



### Workshop on The Concept of Academic Underachievement and Learning Difficulties:

On 6th August 2024, CoP Student Counsellor organized a workshop on The Concept of Academic Underachievement and Learning Difficulties, for all the academic advisors of CoP. The workshop was conducted by Dr. Amna Al Shamsi and Psychological Specialist, Eman Al Lawati.



### CoP students participated in the Arab Creative Women's Forum:

CoP students participated in the Arab Creative Women's Forum in its third edition, on Monday, 29th April 2024. It was conducted under the patronage of Her Excellency Dr. Rahma Al-Mahrouqi, MOHERI. The event focus was on Omani and Arab women creative contributions and innovation.





### Students exchange program:

As part of the successful ongoing students exchange program with the academic partner West Virginia University (WVU), USA, two MSc. Clinical Pharmacy students, Ms. Ruqaiya Al-Rashdi and Ms. Zeyana Al-Bimani completed one-month Clinical rotation at WVU Medicine J.W. Ruby Memorial Hospital. The visit to various specialties helped the students gain knowledge from the interdisciplinary team and understand the dynamics of patient care.



### CoP student, Ms. Rahma Sulaiman Al Riyami participated in the Oman Innovation Festival:

CoP student, Ms. Rahma Sulaiman Al Riyami participated in the Oman Innovation Festival which was conducted from 6th to 10th February 2024 in Muscat Innovation Park at SQU. She presented her project on Control Pharmacy. The project was an innovative idea focused on a revolutionary Pharmacy van equipped with drones, intended to serve remote areas and regions affected by challenging weather conditions, providing essential medication to those in need. The primary focus of this initiative was on optimizing healthcare delivery and overcoming the challenges associated with it.



### Annual CoP Gathering:

On 15th February 2024, the Annual CoP Gathering was organized for all the staff to enhance the social bonding between the staff and faculty. The gathering was held in Novotel Muscat Airport. The staff enjoyed making art pieces under the supervision of Rukaam for home decors. The CoP staff enjoyed the relaxed and fun filled gathering.



### Library and Open Day:

The Library and Student Affairs Office organized Library and Open Day for its students and staff on 23rd April 2024. The event was attended by VC Dr. Ali Al Bimani, DCVP Dr. Salim Al Aarimi, DVC(A&FA), Prof. M.P. Nair and other dignitaries.

Different cultural activities like painting display, games, food stalls and drama were performed on the campus. Both students and staff enjoyed the fun filled day.



### The Orbit Toastmasters Club organized a training event called Speechcraft in collaboration with College of Pharmacy:

Toastmasters International under the umbrella of Orbit Toastmasters Club organized a training event called Speechcraft in collaboration with College of Pharmacy NUST, Muscat. The event was planned over six sessions in August 2024. There were 25 speech crafters, and 5 coordinators involved in the program. The main objective of the Spacecraft program was to train the speech crafters in public speaking and leadership skills. CoP played a significant role in helping to achieve the objective by providing the venue for the program. The student speech crafters from CoP showed absolute dedication and enthusiasm towards learning the speaking and leadership skills.



## Deanship of Graduate Studies and Research

### Meeting with OQGN Team | 21st Feb 2024.

Deanship of Graduate Studies and Research (DGSR) has conducted a meeting with OQGN on 21st Feb 2024. The meeting took place in the boardroom at CoE with the presence of the VC, DVCP, Dean of DGSR, Dean of CoE, College research focal points and DGSR team from NU side and MD, VPs from deferent departments from the OQGN side. In the meeting, both institutions showed their interest in collaboration and various points were raised including but not limited ways of collaborating, challenges faced by OQGN and ways NU can support OQGN.



### Admission of PG programs at the College of Engineering | 21st Feb 2024.

Orientation program was organized at the College of Engineering for the newly admitted students in the Master programs commenced on 22nd February 2024. The new students were given orientation towards various facilities, HSE aspects, rules and regulations related to the programs, registration formalities and research opportunities and more to extended support to them for ensuring excellent learning experience etc.

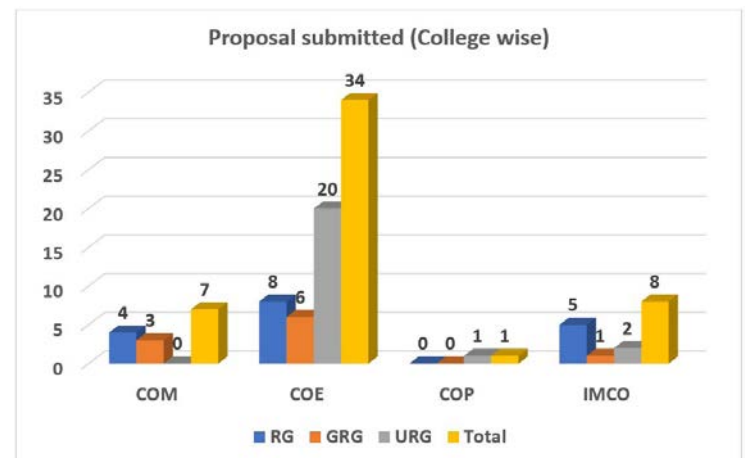
### Research Development Program | 4th, 5th & 6th, March 2024.

Deanship of Graduate Studies and Research has conducted Research Development program across the University. Prof. Ramchandran K.P the Dean of Deanship of Graduate Studies and Research delivered the program on 4th, 5th & 6th of March 2024 in CoP, CoE and IMCO respectively. The program highlighted various important research aspects for researchers, internal and external funding opportunities, writing a good research proposal, various research procedures and guidelines.



### Call 24 Block funding Project (BFP) Submission

The Ministry of Higher Education, Scientific Research and Innovation has announced the opening of the competency-based institutional financing program for the year 2024. A total of 50 research proposals were submitted from all colleges across the university. Seventeen proposals under RG category, 10 under GRG and 23 under URG.



### Two-Day International Conference on Advanced Technology 2024 | 30th April & 1st May 2024.

The National University of Science and Technology, Oman, has hosted the first International Conference on Advanced Technology – ICAT 2024 on 30th April and 1st May 2024 with a focus on the application of AI and Cyber solutions for sustainability in engineering and healthcare. This conference was inaugurated on the 30th of May by the patron and chief guest, His Excellency Dr. Ali bin Amer Al Shidhani, undersecretary for Communication and Information Technology, Ministry of Transport, Communication and Information Technology at the Hormuz Grand Hotel, Muscat, and continues over a second day on the 1st May 2024..





### Signing MoU with OQGN | 25th June 2024

The National University of Science and Technology signed an MoU on 25th June 2024 with OQ Gas Networks, which is the operator and exclusive owner of the gas transportation system in the Sultanate of Oman. The MoU aims to enhance cooperation between the industrial sector and the academic HEIs in Oman to promote excellence in research, innovation, and educational training. The MoU has been signed by Dr. Salim Al Araiimi, Deputy Vice-Chancellor for Academic Affairs & Provost on behalf of the University, while Mr. Mansour Al Abdali, Managing Director

of OQ Gas Networks, signed it on behalf of the company. The MoU sets the stage for the development and conduct of collaborative research in key areas of mutual interest. These include digitalization, logistics, pipeline operations, innovation, energy efficiency, and artificial intelligence. The agreement also encompasses the provision of training programs and workshops for OQGN employees, further solidifying the commitment to knowledge exchange and capacity building.

### Call 2024 NRG Research Proposal Submission:

The Dean of Deanship of Graduate Studies and Research announced and congratulated the team members involved in the approved NURG project of Call 2023. A total of 13 projects worth of 37000 OMR were approved. Eight faculty projects, four students project and one international joint research project.

### Call 2024 NRG Research Proposal Submission | 20th August 2024

The Deanship of Graduate Studies & Research has announced for NU Research Grant (NRG) Program on 20th August 2024. The NU Research Grant program is designed to provide significant support for research grants and research development activities, including research leave and external research visits. This is a unique opportunity for our faculty and students to enhance their research capabilities and contribute to the academic community. The program includes various fund categories as follows:

- Faculty & Students for CALL-24 NRG - Internal Research Projects
- Faculty International Joint Research Projects
- faculty Research leave and Research visit program





## School of Foundation Studies (SoFS)

### Induction for Spring Intake at SoFS:

The School of Foundation Studies (SoFS) recently conducted a Spring Semester Induction Program for 25 newly enrolled students. The program included a welcoming session introducing campus life and academic programs, followed by a comprehensive tour of campus facilities. Students received briefings on student life on campus, NU regulations, course structure, and assessment procedures. They were introduced to the NU Learning Management System, academic advising procedures, and health and safety measures. Overall, the program aimed to familiarize students with campus resources and prepare them for academic success at SoFS and NU.



### SoFS faculty attend Oman STEAM Education Conference:

SoFS faculty participated in a series of dynamic and interactive sessions centered around Digital Learning and STEM Education, held at the Sheraton Hotel in Ruwi, Oman, on February 21st and 22nd, 2024.

Educators from the region convened at this Summit to collaborate and enhance their understanding of delivering an impactful STEM Curriculum. The focus was on cultivating strategies to actively involve both teachers and students in addressing significant challenges through STEM education.



### Engineering & ITMB Program Presentation by CoE staff at SoFS:

Presentations and Program Guidance Talk' on 26 February 2024, in the Assembly Hall. Faculty members and alumni from the College of Engineering (COE) were invited to the Airport

Height Campus. The event took place from 10:30 am to 12:45 pm. The primary objective of this event was to support SoFS in its endeavors to prepare Foundation students for advanced studies by enhancing their understanding of the programs available in the College of Engineering (COE). Educators from the region convened at this Summit to collaborate and enhance their understanding of delivering an impactful STEM Curriculum. The focus was on cultivating strategies to actively involve both teachers and students in addressing significant challenges through STEM education.



### SoFS faculty attend Oman Oxford Day 2024:

Faculty members from the School of Foundation Studies (SoFS) actively engaged in the Oman Oxford Day event held at Novotel Hotel Seeb on 29 February 2024. Organized by Oxford University Press, the event served as a platform for educators to explore innovative teaching methodologies and the latest developments in educational resources. The sessions focused on incorporating cutting-edge educational practices into teaching methodologies, leveraging digital resources for enhanced learning outcomes, and fostering critical thinking skills among students. The Oman Oxford Day provided a valuable forum for SoFS faculty to network with peers, exchange ideas, and gain insights into best practices in education.



### SoFS students attend the International Book Fair held at OCEC, Oman:



In a bid to promote a culture of reading and expand their literary horizons, a group of students from the School of Foundation Studies (SoFS) at the National University participated in Oman's



prestigious International Book Fair on 29 February 2024. Accompanied by faculty members, the students embarked on this enriching excursion with the clear objective of exploring diverse literary genres, gaining insights into global publishing trends, and discovering new perspectives on various subjects. It aimed to instill a deeper appreciation for literature and foster a lifelong love for reading among the students.

### Open Day at SoFS:

Open Day at SoFS stands as an annual hallmark event, traditionally conducted during the Spring Semester under the stewardship of the Student Affairs Department. This event held from 11 am to 6:30 pm on 5<sup>th</sup> March 2024, provided a vibrant platform for students to partake in an array of enriching activities. Commencing with a gracious welcome from Ms. Lamyah Al Mahry, the Student Affairs Manager at NU, the day unfolded with diverse engagements, including an enthralling Arabic play presented by students. Additionally, highlights encompassed a captivating motor show, horse show, and skating exhibition, while the melodic ensemble of the SoFS band set the evening ambiance. Apart from that, various outdoor games were thoughtfully curated for the enjoyment of our students.



### Earth Day Celebrations at SoFS:

The proceedings commenced with a solemn recitation of the Holy Quran. Dr. Sleem Al Habsy, Director of SoFS extended a warm welcome to all attendees, and this was followed by an enlightening address by the esteemed Chief Guest, Ms. Huda Al Hafifi. A series of thought-provoking speeches by environmental experts captivated the audience and these sessions aimed to instill a deeper understanding of environmental issues and inspire proactive measures among the student body. Integral to the day's agenda was a robust recycling campaign, demonstrating practical steps towards waste reduction and resource conservation. Concurrently, a vibrant farmers market and a mini souq provided avenues for promoting sustainable consumption practices and supporting local producers. By engaging students in hands-on initiatives and educational discourse, the event underscored the significance of Earth Day and the imperative of safeguarding our planet for future generations.





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