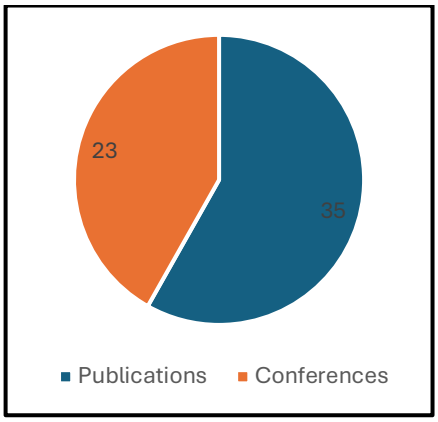
1. Publications & Conferences in the AY2023/24

In the AY2023-24, ICEM's research output has shown the number of research publications in reputable journals and papers presentation in esteemed conferences. This aligns with the college's strategic plan and reflects its ongoing commitment to scholarly contributions. Collaborations and research networks with international institutions further highlight ICEM's research success. In the academic year 2023/24 as shown in the below graph, the staff and students produced all together 55 research publications and conference papers, showcasing their dedication to advancing knowledge and sharing findings with the scholarly community. ICEM's unwavering pursuit of research excellence and its fostering of a scholarly culture establish it as a leading institution capable of making significant contributions to academia and tackling future challenges.



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1. Rami Ahmad, Bernhard Rinner, Raniyah Wazirali, Sohaib K. M. Abujayyab, and Rania Almajalid, (2023), Two-Level Sensor Self-Calibration Based on Interpolation and Autoregression for Low-Cost Wireless Sensor Networks, published in IEEE SENSORS JOURNAL, DOI: 10.1109/JSEN.2023.3309759 (September 2023). [Research Article]
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1. Mahmood Al Kiyumi; Riyad Mahfud, (2023), Impact of COVID-19 on Work Performance in Oman, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
2. Safa Nasser Al-Mandhari; P.S. Raju, (2023), A phytoremediation study on sustainable wastewater treatment by removal of cadmium through azolla pinnata in muscat regional areas, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
3. Muneer M.A. Ayash, Abbas F.M. Alkarkhi, Salem S. Abu Amr, Muzafar Zulkifli, (2023), The performance of combined coagulation and oxidation processes for the treatment of stabilized landfill leachate, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
4. Iman Masoud Ali Al Rahbi, Ali Imran, (2023), Occupational a health Risks in the cement Factory, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
5. Zainab Al Jarehi, Asif Zamir, (2023), Numerical Simulation on Cutting Transport Behaviour of GO/ hBN Reinforced WBM using Moore's Correlation, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
6. Asif Zamir, Abdul Rahman Mouhammed Youssef, (2023), Evaluating Effectiveness of the Epoxy Resin and Modified Drilling Fluid for Corrosion Inhibition on the Drill Pipe, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
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9. Nasser khalifa Ali Al -Hajri , (2023), Study on Construction Waste Recyclable Material and its Impact on the Environment, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
10. Raseel Mohammed Jaber Al Zahli, (2023), The Level of Omani Female Employment in the Oil and Gas Sector in the Sultanate of Oman, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
11. Alla Suleiman Al-Nabhani, (2023), Occupational Causes and Effects of Inspection Vehicle Workshops in Ghala Industrial Area, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
12. Maryam Mohammed Rashid Khalifa Al-naaimi, (2023), Effects of Chemical Exposure on the Health and Safety of Pharmaceutical Workers in Sohar, Oman, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
13. Fawziya Marzouq Mohammed AL Dhuhuri, (2023), Evaluate the Impact of Oil Spills on Seabirds in the Strait of Hormuz, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]
14. Shamsa Al Balushi and Girma T. Chala, (2023), The Use of Zinc Oxide and Aluminum Oxide Nanoparticles for the Flow Assurance of Heavy Crude Oil, published in 4TH Virtual International Undergraduate Research Conference, ICEM. Oman, (October 2023). [Conference Paper]

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17 Dr. Suvarna Raju Palathoti (As Keynote Speaker), (2023), Occupational and health safety, published in nternational Conference on Allied Health Sciences (ICAHS-2023), (October 2023). [Conference Paper]

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