


|  | <b>INTERNAL SEMINARS CALENDAR</b>   |                   |                        | Document No   | TIU.QA.LS.005E |
|---|---|-------------------|------------------------|---------------|----------------|
|   |   |                   |                        | Validity Date | 5/1/2015       |
|   |   |                   |                        | Revision No   | 0              |
|   | UNIT : Department of Mechatronics   |                   |                        | Page No       |                |
| N#  | Topic   | Presenter Name    | Date                   | Time          | Location       |
| 1   | AI in Healthcare  | Dr. Ezideen Hasso | November, 2025         | 15:00         | Lab 212        |
| 2   | AI Applications in Mechatronics   | Dr. Ezideen Hasso | April, 2026            | 15:00         | Lab 212        |
| 3   | The Role of Fuzzy Logic, Neural Networks, and Genetic Algorithms in Smart Automation      | Dr. Qasim Obaidi  | November, 2025         | 15:00         | Lab 212        |
| 4   | Integrating AI and IoT for Wearable Healthcare Devices                                    | Dr. Qasim Obaidi  | March, 2026            | 15:00         | Lab 212        |
| 5   | Integrating Problem-Based Learning into the Engineering Curriculum                        | Dr. Rand Basil    | April, 2026            | 15:00         | Lab 212        |
| 6   | Design TeleRehabilitation Robot   | Dr. Rand Basil    | December, 2025         | 15:00         | Lab 212        |
| 7   | Buckboost regulator based on FPGA   | Mr. Qusay Ali     | November, 2025         | 15:00         | Lab 212        |
| 8   | The mechanics of plastic pollution topic of seminar                                       | Ms. Sara Serwer   |                        | 15:00         | Lab 212        |
| 9   | Introduction about Ansys Software   | Ms. Sara Serwer   |                        | 15:00         | Lab 212        |
| 10  | Understanding Material Fatigue: The Relationship Between Temperature and Fatigue Strength | Ms. Shokhan Ali   | November, 2025         | 15:00         | Lab 212        |
| 11  | Computer Numerical Control and Stereolithography: Principles, Processes, and Applications | Ms. Shokhan Ali   | May, 2026              | 15:00         | Lab 212        |
| <b>Head of Department</b>   |   |                   | <b>Dean of Faculty</b> |               |                |

Oct. 09, 2025

Department of Aviation Engineering

The schedule for internal seminars

| No. | Presenter               | Topic               | Day       | Date             | Time      | Location            |
|-----|-------------------------|---------------------|-----------|------------------|-----------|---------------------|
| 01  | Dr. Soorkeu A. Atrooshi | Maintenance Systems | Wednesday | January 28, 2026 | 15:00 hrs | Mian Building R 124 |
| 02  | Dr. Soorkeu A. Atrooshi | Aircraft Systems    | Wednesday | April 01, 2026   | 15:00 hrs | Main Building R124  |



## INTERNAL SEMINARS CALENDAR (2025-2026)


Department of Petroleum and Mining Engineering

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| Page No       |                |

| N# | Topic and Link  | Presenter Name           | Date             | Day      | Time  | Location |
|----|---|--------------------------|------------------|----------|-------|----------|
| 1  | Geophysical methods in oil and mining exploration   | Dr. Fadhil Ali Ghaib     | 20/11/2025       | Thursday | 4pm   | 214      |
| 2  | Available Ore Deposits & Industrial Rocks in Kurdistan Region-IRAQ  | Dr. Hamed M. Jassim      | 18/12/2025       | Thursday | 15:00 | 214      |
| 3  | A visit to the University of Alabama, United States   | Dr. Ayad M. Fadhil       | 4/12/2025        | Thursday | 16:00 | 214      |
| 4  | How to detect and handle outliers in your research  | Dr. Tariq Hamakarim      | 7th October 2025 | Tuesday  | 15:00 | 214      |
| 5  | heat transfer principles  | Mr. Ziyad Talabany       | 18/1/2026        |          |       |          |
| 6  | Design of Experiments for Efficient Laboratory Planning: Data-Driven Optimization to Reduce Trials, Costs, and Time | Mr. Mohammed A. Jamal    | 11/1/2026        | Sunday   | 15:00 | 129      |
| 7  | Sustainable Oil Recovery: CO <sub>2</sub> Injection as an EOR Solution  | Mr. Nabaz A. Abdulrahman | 4/23/2026        | Thursday | 16:00 | 214      |
| 8  | Engineering Material Behavior Under Different Forces  | Ms. Jwan Khaleel         | Feb-26           |          |       |          |
| 9  | Collaborate to Elevate: Networking, Co-Authorship, and International Visibility                                     | Dr. Ayad M. Fadhil       | 9/4/2026         | Thursday | 4:00  | 214      |
| 10 |   |                          |                  |          |       |          |

Head of Department

Dean of Faculty

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|   |  |   |            | Validity Date |
|   |  |   |            | Revision No   |
|   | UNIT : Department of Civil Engineering |   |            | Page No       |
| N#  | Presenter Name                         | Topic   | Date       | Day           |
| 1   | Prof.Dr.Bayan Salim                    | Common mistakes in construction projects  | 07.01.2026 | Wednesday     |
| 2   | Assist.Prof.Dr.Thamir Ahmed            | Water Crisis in Iraq: Challenges, Causes, and Future Solutions  | 11.01.2026 | Sunday        |
| 3   | Prof.Dr.Najmadeen Mohammed Saeed       | Structural Collapse of Multistorey Buildings During the February 6, 2023 Kahramanmaraş Earthquakes in Turkey Failure Mechanisms, Design Deficiencies, and Lessons for Future Practice | 12.01.2026 | Monday        |
| 4   | Dr.Yousif Abdullah                     | Learning from Geotechnical Failures   | 13.01.2026 | Tuesday       |
| 5   | Dr. Barham Haydar                      | Retrofitting of existing structures by CFRP.  | 14.01.2026 | Wednesday     |
| 6   | Mrs. Asmaa Abdulmajeed                 | Reduction of Road Traffic Noise in Highways   | 15.01.2026 | Thursday      |
| 7   | Mr. Halmat Muslih                      | Exploring Overlooked Requirements in Engineering Standards  | 18.01.2026 | Sunday        |
| 8   | Mrs. Suriya Shaffi                     | challenges & smart solutions for parking management in Erbil city center  | 19.01.2026 | Monday        |
| 9   | Ms.Payam Ismael                        | An overview on the self-healing concrete  | 20.01.2026 | Tuesday       |
| 10  | Ms. Bnar Abubakir                      | Seismic Assessment of RC Buildings  | 21.01.2026 | Wednesday     |
| 11  | Mr. Abdullah Hassan                    | Design safer and more efficient structures using AI-driven algorithms.  | 22.01.2026 | Thursday      |
| 12  | Mr. Mohammed Mahmood                   | Smart cities and the role of civil engineers  | 25.01.2026 | Sunday        |
| Head of Department  |  |   | Dean of f  |               |

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| Time  | Location |
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