

# CPD Yearly Calendar by PEBs Mechanical Engineering Department

## CPD Activities Calendar for the Year 2023

| PEB Name:                |  | Wah Engineering College, University of Wah |               |                |               |                          |                   |
|--------------------------|--|--|---------------|----------------|---------------|--------------------------|-------------------|
| PEB Reg. #               |  | PEB-P-WECCWAH-0037                         |               |                |               |                          |                   |
| Name of PEB Coordinator: |  | Prof. Dr. Adnan Tariq                      |               |                |               |                          |                   |
| Sr. No                   | CPD Title  | CPD Category Type                          | Location      | Tentative Date | Collaboration | Resource Person          | CPD Credit Points |
| 1.                       | Mechanical Characterizations of Composite Materials    | C-Lecturer                                 | WEC Wah Cantt | 19-01-2023     | UW and PEC    | Dr. Awaiz ur Rehman Shah | 0.5               |
| 2.                       | Effect of Temperature in adhesively bounded Structures | C-Lecturer                                 | WEC Wah Cantt | 28-02-2023     | UW and PEC    | Dr. Aamir Mubashar       | 0.5               |
| 3.                       | Finite Element Methods                                 | C-Lecturer                                 | WEC Wah Cantt | 23-03-2023     | UW and PEC    | Dr. Muhammad Shakeel     | 0.5               |
| 4.                       | Health Monitoring of Smart Structures                  | C-Lecturer                                 | WEC Wah Cantt | 11-05-2023     | UW and PEC    | Dr. Muhammad Ali Nasir   | 0.5               |
| 5.                       | Design of Experiments                                  | C-Lecturer                                 | WEC Wah Cantt | 12-10-2023     | UW and PEC    | Dr. Salman Hussain       | 0.5               |
| 6.                       | Computational Analysis of Biomechanics Structures      | C-Lecturer                                 | WEC Wah Cantt | 22-11-2023     | UW and PEC    | Dr. Zartasha Mustansar   | 0.5               |
| 7.                       | Multi Criteria the decision making Techniques          | C-Lecturer                                 | WEC Wah Cantt | 14-12-2023     | UW and PEC    | Dr. Muza Jahanzaib       | 0.5               |

# Department of Chemical Engineering

## CPD Activities Calendar for the Year 2022-23

| PEB Name:                |  | Wah Engineering College, University of Wah                                  |               |                   |               |   |                   |
|--------------------------|--|---|---------------|-------------------|---------------|---|-------------------|
| PEB Reg #:               |  | PEB-P-WECWAH-0037   |               |                   |               |   |                   |
| Name of PEB Coordinator: |  | Prof. Dr. Adnan Tariq, Dean Engineering, Wah Engineering College, Wah Cantt |               |                   |               |   |                   |
| Sr. No.                  | CPD Title  | CPD Category Type   | Location      | Dates (Tentative) | Collaboration | Resource Person   | CPD Credit Points |
| 1                        | Application of Ionic liquids in Separation & purification Technology | C-Lecturer  | WEC-Wah Cantt | 16/12/2022        | UW and PEC    | Prof. Dr. Muddasir Habib<br>Professor, UET Peshawer           | 0.5               |
| 2                        | Carbon Capture & Utilization   | C-Lecturer  | WEC-Wah Cantt | 13/01/2023        | UW and PEC    | Prof. Dr. Nehar Ullah<br>Professor, UET Peshawer              | 0.5               |
| 3                        | Mambrane Technology  | C-Lecturer  | WEC-Wah Cantt | 22/02/2023        | UW and PEC    | Dr. Khurram Shahzad<br>Associate Professor,<br>PU, Lahore     | 0.5               |
| 4                        | Particle Technology  | C-Lecturer  | WEC-Wah Cantt | 5/5/2023          | UW and PEC    | Dr. Rizwan Ahmad<br>Assistant Professor,<br>PAF-IAST, Haripur | 0.5               |

# Proposed CPD Activities Calendar for year 2023 (Electrical Engineering Department)

| B Name:                 |  | Wah Engineering College – University of Wah              |               |                 |               |   |                   |
|-------------------------|--|--|---------------|-----------------|---------------|---|-------------------|
| B Reg#:                 |  | PEB-P-WECUOW-0037  |               |                 |               |   |                   |
| Name of PEB coordinator |  | Prof.Dr. Adnan Tariq, Wah Engineering College, Wah Cantt |               |                 |               |   |                   |
| Sr#                     | CPD Title  | CPD Category Type  | Location      | Tentative Dates | Collaboration | Resource Person   | CPD Credit Points |
| 1                       | Next Generation Communication System                             | C-Lecture  | WEC Wah Cantt | 26/04/2023      | UW and PEC    | Dr. Syed Rameez Naqvi<br>Assistant Professor<br>Comsats University<br>Wah Cantt | 0.5               |
| 2                       | Application of Deep Learning in Computer Vision                  | C-Lecture  | WEC Wah Cantt | 24/05/2023      | UW and PEC    | Dr. Junaid Ahmed<br>Associate Professor<br>Comsats Islamabad                    | 0.5               |
| 3                       | Arduino- based embedded Systems(From Concepts to Implementation) | C-Lecture  | WEC Wah Cantt | 25/10/2023      | UW and PEC    | Dr. Kashif Imdad<br>Assistant Professor<br>HITEC University, Taxila.            | 0.5               |
| 4                       | Innovation and Entrepreneurship                                  | C-Lecture  | WEC Wah Cantt | 29/11/2023      | UW and PEC    | Dr. Saad Rehman<br>Professor, HITEC<br>University, Taxila                       | 0.5               |



# CPD Activities Calendar for the Year 2023

## Civil Engineering Department

| Name:        |   | Wah Engineering College, University of Wah                                  |               |                   |               |  |                   |
|--------------|---|---|---------------|-------------------|---------------|--|-------------------|
| Reg #:       |   | PEB-P-WECWAH-0037   |               |                   |               |  |                   |
| Coordinator: |   | Prof. Dr. Adnan Tariq, Dean Engineering, Wah Engineering College, Wah Cantt |               |                   |               |  |                   |
| S. #         | CPD Title   | CPD Category Type   | Location      | Dates (Tentative) | Collaboration | Resource Person  | CPD Credit Points |
| 1            | LaTeX and its applications in academia                              | C-Lecturer  | WEC-Wah Cantt | 16/01/2023        | UW and PEC    | Dr. Taimur Mazhar Sheikh<br>Assistant Professor,<br>Civil Engineering Department, Wah Engineering College. | 0.5               |
| 2            | The need for interdisciplinary research by civil engineers          | C-Lecturer  | WEC-Wah Cantt | 13/02/2023        | UW and PEC    | Dr. Taimur Mazhar Sheikh<br>Assistant Professor,<br>Civil Engineering Department, Wah Engineering College. | 0.5               |
| 3            | Developing intuitive senses for a geotechnical engineer             | C-Lecturer  | WEC-Wah Cantt | 28/02/2023        | UW and PEC    | Usman Khan, SDH Consultancy Canada   | 0.5               |
| 4            | Behavior of GFRP bar reinforced concrete columns                    | C-Lecturer  | WEC-Wah Cantt | 15/03/2023        | UW and PEC    | Dr. Habib Ahmad<br>Assistant Professor,<br>Civil Engineering Department, Wah Engineering College.          | 0.5               |
| 5            | Mechanical behavior of glass fiber and polypropylene fiber concrete | C-Lecturer  | WEC-Wah Cantt | 10/3/2023         | UW and PEC    | Dr. Habib Ahmad<br>Assistant Professor,<br>Civil Engineering Department, Wah Engineering College.          | 0.5               |
| 6            | FRP composites  | C-Lecturer  | WEC-Wah Cantt | 22/08/2023        | UW and PEC    | Dr. Neaz Sheikh, University of Wollongong, Australia   | 0.5               |

Annex C

Annex D

|    |                               |            |                    |            |            |  |     |
|----|-------------------------------|------------|--------------------|------------|------------|--|-----|
| 7  | Low carbon steel              | C-Lecturer | W/EC-<br>Wah Cantt | 14/11/2023 | UW and PEC | Dr Aziz Ahmed, University of<br>Wollongong, Australia      | 0.5 |
| 8  | Sustainable<br>infrastructure | C-Lecturer | W/EC-<br>Wah Cantt | 20/12/2023 | UW and PEC | Prof. Tim McCarthy, University of<br>Wollongong, Australia | 0.5 |
| 9  | Project management            | C-Lecturer | W/EC-<br>Wah Cantt | 20/12/2023 | UW and PEC | (Prof. Atta Ullah Shah, VC- KIU                            | 0.5 |
| 10 | Railway Operation<br>Research | C-Lecturer | W/EC-<br>Wah Cantt | 30/12/2023 | UW and PEC | Dr. Malik Muneeb Abid,<br>Associate Professor, CE          | 0.5 |

# CPD Yearly Calendar by PEBs

## CPD Activities Calendar for the Year 2023

| CPD Activities Calendar for the Year 2023 |   |  |          |                |                   |   |                   |
|---|---|--|----------|----------------|-------------------|---|-------------------|
| PEB Name:                                 |   | Wah Engineering College, University of Wah |          |                |                   |   |                   |
| PEB Reg. #                                |   | PEC-P-WECWAH-0037                          |          |                |                   |   |                   |
| Name of PEB Coordinator:                  |   | Prof. Dr. Adnan Tariq                      |          |                |                   |   |                   |
| Sr. No                                    | CPD Title   | CPD Category Type                          | Location | Date           | Collaboration     | Resource Person   | CPD Credit Points |
| 1.  | Algorithms for Target Tracking Applications   | C-Lecture                                  | WEC      | April 2023     | UW and UET Taxila | Dr. Waqar Ahmed Qureshi<br>Assistant Professor, Department of Mechanical Engineering, U.E.T Taxila              | 0.5               |
| 2.  | Data Acquisition by LAB View  | C-Lecture                                  | WEC      | January, 2023  | UW and WEC        | Dr. Waseem Shahzad<br>Assistant Professor, Department of Mechatronics Engineering, WEC                          | 0.5               |
| 3.  | Control of Renewable Energy Resources   | C-Lecture                                  | WEC      | November, 2023 | UW and UET Taxila | Dr. Muhammad Sajjad<br>Assistant Professor, Department of Mechanical Engineering, U.E.T Taxila                  | 0.5               |
| 4.  | Introduction to numerous Design and Control Algorithms for Non-Linear Systems             | C-Lecture                                  | WEC      | October, 2023  | UW and WEC        | Dr. Sohaila Ahmed<br>Assistant Professor, Department of Electrical Engineering, WEC                             | 0.5               |
| 5.  | A Hybrid Sensor/Actuator System Targeted for Energy Conservation in Refrigeration Systems | C-Lecture                                  | WEC      | December, 2023 | NUST              | Dr. Anjum Naeem Malik<br>Assistant Professor, Department of Mechatronics Engineering                            | 0.5               |
| 6.  | Brain Computer Interface and Neural Networks for Robotics Applications                    | C-Lecture                                  | WEC      | March, 2023    | WEC and PEC       | Dr. Hamid Nazir Gilani<br>Assistant Professor, Department of Mechatronics Engineering, Air University Islamabad | 0.5               |

Dr. Shaukat Ali

Chairperson

Department of Mechatronics Engineering