**University of Engineering & Technology, Taxila**

**Department of Electrical Engineering**

**MSc / PhD TIMETABLE**

**Semester Spring-2021 (w.e.f: 26-04-2021)**

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| **Time/Day** | **Monday** | **Tuesday** | **Wednesday** | | **Thursday** | **Friday** | |
| 3:00 P.M.  To  6:00 P.M | EE-5120  Special Topics in Power | EE-5204  VLSI Design |  |  | EE-5201  Semiconductor Materials and Technology | EE-5001  Research Methodology | EE-6003  Research Methodology |
|  | EE-5102  Electrical Machine Modeling | EE-5104  Renewable Energy Systems | | EE-5314  Machine Learning |  | |
|  |  |  | | EE-5403  Linear Multivariable Control | EE-5315  Special Topics in Digital Techniques | EE-6304  Digital Image and Video Processing |
|  | | | | | | | |
| 6:00 P.M.  To  9:00 P.M | EE-5105  Power System Operation |  | EE-5301 Digital Signal Processing | EE-6303  Advanced Digital Speech Processing | EE-5209  VLSI Testing and Verification |  | |
|  |  |  | | EE-5404  Optimal Control |  | |

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| **S. No.** | **Course Code** | **Entry** | **Course Name** | **Teacher Name** | **Specialization** | **Type** | **Classroom No.** |
|  | EE-5102 | 2018 Onwards | Electrical Machine Modeling | Engr. Dr. Munira Batool | Power | **CORE** |  |
|  | EE-5104 | 2018 Onwards | Renewable Energy Systems | Prof. Dr. Salman Amin | Power | **CORE** |  |
|  | EE-5105 | 2018 Onwards | Power System Operation | Dr. Faisal Nadeem | Power | **Elective** |  |
|  |  |  |  |  |  |  |  |
|  | EE-5001 / EE-6003 | 2018 Onwards | Research Methodology | Prof. Dr. Aftab Ahmad | **Compulsory** for all MSc Students | **Elective** for all **PhD** students |  |
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|  | EE-5201 | 2018 Onwards | Semiconductor Materials and Technology | Prof. Dr. Shabbir Majeed | Electronics | **CORE** |  |
|  | EE-5204 | 2018 Onwards | VLSI Design | Engr. Dr. Waqar Ahmad  (Computer Engg. Deptt.) | Electronics | **CORE** |  |
|  | EE-5209 | 2018 Onwards | VLSI Testing and Verification | Prof. Dr. Iram Baig | Electronics | **Elective** |  |
|  | | | | | | | |
|  | EE-5301 | 2018 Onwards | Digital Signal Processing | Prof. Dr. M. Obaid Ullah | Digital Techniques | **CORE** |  |
| EE-6303 | 2018 Onwards | Advanced Digital Speech Processing | Digital Techniques | **Elective (PhD**) |  |
|  | EE-5314 | 2018 Onwards | Machine Learning | Dr. Syed M. Anwar  (Software Engg. Deptt.) | Digital Techniques | **Elective** |  |
|  | EE-5315 | 2018 Onwards | Special Topics in DT | Prof. Dr. Gulistan Raja | Digital Techniques | **Elective** |  |
| EE-6304 | 2018 Onwards | Digital Image and Video Processing | Digital Techniques | **Elective (PhD**) |  |
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|  | EE-5403 | 2018 Onwards | Linear Multivariable Control | Engr. Dr. Inam Ul Hassan Shaikh | Control | **CORE** |  |
|  | EE-5404 | 2018 Onwards | Optimal Control | Engr. Dr. Ahsan Ali | Control | **CORE** |  |



***(Prof. Dr. Muhammad Obaid Ullah)***

**Director PGS, EED**

**(Prof. Dr. Aftab Ahmad)**

**Chairman EED**

Copy to:

1. The Dean, Faculty of Electronics and Electrical Engineering.
2. The Director, (ASR & TD), UET, Taxila.
3. The Chairman CPED
4. All Concerned Faculty Members.
5. The Secretary to Vice-Chancellor.
6. Concerned File.

***Notes for Students:***

1. MSc course codes start with digit 5.
2. PhD course codes start with digit 6.
3. An MS course is offered if **at least 05 students** are registered in that course.
4. Apart from the Specialization Core Courses, the course of **Research Methodology** is a compulsory course for all the specializations and treated as a pre-requisite for Research Thesis.
5. With prior permission from Chairman EED, **an MS student** can take / opt the **elective course(s) from other than his/her Specialization Elective Courses**.
6. If **a PhD student** wants to take the **elective course(s) other than his/her Specialization Elective Courses**, a permission from the Chairman will be required to opt that/those course(s).
7. With prior permission from Chairman EED, **an MS student can take / opt PhD course(s)** as an elective.
8. All applications to the chairman EED must be routed through **advisor of concerned specialization**.
9. Instead of using course codes mentioned in this time table, students from **entries 2017 or before** are required to use course codes as per their prospectus.

Email IDs of Teacher teaching courses in S-21 Semester

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| --- | --- |
| **Teacher Name** | **Specialization** |
| Engr. Dr. Munira Batool | [munira.batool@uettaxila.edu.pk](mailto:munira.batool@uettaxila.edu.pk) |
| Prof. Dr. Salman Amin | [salman.amin@uettaxila.edu.pk](mailto:salman.amin@uettaxila.edu.pk) |
| Dr. Faisal Nadeem | [faisal.nadeem@uettaxila.edu.pk](mailto:faisal.nadeem@uettaxila.edu.pk) |
|  |  |
| Prof. Dr. Aftab Ahmad | [**aftab.ahmad@uettaxila.edu.pk**](mailto:aftab.ahmad@uettaxila.edu.pk) |
|  | |
| Prof. Dr. Shabbir Majeed | [shabbir.majeed@uettaxila.edu.pk](mailto:shabbir.majeed@uettaxila.edu.pk) |
| Engr. Dr. Waqar Ahmad  (Computer Engg. Deptt.) | [waqar.ahmad@uettaxila.edu.pk](mailto:waqar.ahmad@uettaxila.edu.pk) |
| Prof. Dr. Iram Baig | [iram.baig@uettaxila.edu.pk](mailto:iram.baig@uettaxila.edu.pk) |
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| Prof. Dr. M. Obaid Ullah | [obaid.ullah@uettaxila.edu.pk](mailto:obaid.ullah@uettaxila.edu.pk) |
| Prof. Dr. M. Obaid Ullah |
| Dr. Syed M. Anwar  (Software Engg. Deptt.) | [s.anwar@uettaxila.edu.pk](mailto:s.anwar@uettaxila.edu.pk) |
| Prof. Dr. Gulistan Raja | [gulistan.raja@uettaxila.edu.pk](mailto:gulistan.raja@uettaxila.edu.pk) |
| Prof. Dr. Gulistan Raja |
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| Engr. Dr. Inam Ul Hassan Shaikh | [inam.hassan@uettaxila.edu.pk](mailto:inam.hassan@uettaxila.edu.pk) |
| Engr. Dr. Ahsan Ali | [ahsan.ali@uettaxila.edu.pk](mailto:ahsan.ali@uettaxila.edu.pk) |
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