**Üsküdar University**

**Faculty of Engineering and Natural Sciences**

**Computer Engineering Department**

**Graduation Projects**

**Fall 2019-2020**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Supervisor** | **Subject Title** | **Number of Students** | | | |
| **A**  **Category** | **B**  **Category** | **C**  **Category** | **D**  **Category** |
| **1a** | **Prof. Dr. Kayhan Erciyeş** | Bioinformatics | 2 | 3 | 3 | 2 |
| **1b** | **Prof. Dr. Kayhan Erciyeş** | Wireless Sensor Networks (Clustering and Routing WSN) |
| **1c** | **Prof. Dr. Kayhan Erciyeş** | Real-Time Systems (Real-Time Operating Systems) |
| **2a** | **Prof.Dr. Serhat ÖZEKES** | Data mining and deep learning applications | 2 | 3 | 4 | 2 |
| **2b** | **Prof.Dr. Serhat ÖZEKES** | Natural language processing applications |
| **2c** | **Prof.Dr. Serhat ÖZEKES** | Computer forensics and digital evidence extraction |
| **3a** | **Dr.Öğr. Üyesi Ümit TAŞ** | PC/Android applications for Biomedical monitoring | 2 | 3 | 3 | 2 |
| **3b** | **Dr.Öğr. Üyesi Ümit TAŞ** | Smart Home applications |
| **3c** | **Dr.Öğr. Üyesi Ümit TAŞ** | Android based Fingerprint Attendance Control |
| **3d** | **Dr.Öğr. Üyesi Ümit TAŞ** | Neural Network and Fuzzy modelling |
| **4** | **Dr.Öğr. Üyesi Ihab ELAFF** | Intelligent Robots Design and Implementation | 2 | 3 | 3 | 2 |
| **5a** | **Dr. Öğr. Üyesi E. Elif Tülay** | Biological signal analysis in Matlab | 1 | 1 | 1 | 1 |
| **5b** | **Dr. Öğr. Üyesi E. Elif Tülay** | Application of Machine Learning Techniques on Biological signals | 1 | 2 | 2 | 1 |
| **6** | **Dr.Öğr. Üyesi Burhan Pektaş** | Artifical Neural Networks | 2 | 3 | 3 | 2 |

For students whom want to register graduation project for this year, the following criteria applies:

1. Student should fill in the “Graduation Projects Preferences Form” and hand it to Research Assistant Fatma Betül Akyol.
2. “Graduation Projects Preferences Form” should contain all the projects subjects according to student preferences (Any form that don’t contain all the project subjects would not be accepted)
3. Students would be assigned to projects according to their GPA and available slot for their Category Class.
4. Four “Category Class” are available as the following:

|  |  |
| --- | --- |
| **Category Class** | **GPA Range** |
| A-Category | 3.11 – 4.00 |
| B-Category | 2.55 – 3.11 |
| C-Category | 2.07 – 2.55 |
| D-Category | 0.00 – 2.07 |

1. After **25.10.2019** students’ distribution on projects would be announced. **Any late application would be fitted in the in the first available place regardless of their GPA.**
2. There would be an opportunity for students to apply for switch their places in projects regardless of their Category until **29.10.2019**. This should be done through the “Graduation Projects Transfer Request From”.
3. Final lists would be announced after the department approval.