|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Signals & Systems 5EC1A** | | | | | | | | | | | | | | **POs**  **COs** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | | **1** | **M** | **M** | **M** | **L** | **L** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | | **2** | **M** | **M** | **M** | **M** | **L** | **-** | **-** | **-** | **-** | **-** | **-** | **L** | | **3** | **M** | **L** | **L** | **L** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | | **4** | **L** | **L** | **L** | **L** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | **-** | | **Telecommunication Engineering 5EC3A** | | | | | | | | | | | | | | | **POs**  **COs** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | | | **1** | **M** | **L** | **L** | **L** | **-** | **L** | **L** | **-** | **-** | **-** | **-** | **M** | | | **2** | **M** | **L** | **L** | **L** | **-** | **L** | **L** | **-** | **-** | **-** | **-** | **M** | | | **3** | **H** | **M** | **L** | **L** | **-** | **M** | **L** | **-** | **L** | **L** | **L** | **H** | | | | | | | | | | | | | | |
| **Analog Communication5EC4A** | | | | | | | | | | | | |
| **POs**  **Cos** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| **1** | **M** | **L** | **L** | **L** | **L** | **M** | **M** | **L** | **L** | **H** | **L** | **H** |
| **2** | **H** | **H** | **L** | **H** | **M** | **M** | **H** | **M** | **L** | **H** | **L** | **H** |
| **3** | **H** | **H** | **L** | **M** | **L** | **L** | **L** | **M** | **L** | **H** | **L** | **M** |
| **4** | **M** | **L** | **L** | **M** | **L** | **M** | **M** | **M** | **L** | **H** | **L** | **H** |
|  | | | | | | | | | | | | |
| **Microwave Engg.-1 5EC5A** | | | | | | | | | | | | |
| **POs**  **COs** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| **1** | **H** | **H** | **L** | **M** | **H** | **M** | **M** | **L** | **L** | **L** | **L** | **L** |
| **2** | **M** | **H** | **L** | **M** | **L** | **L** | **L** | **L** | **L** | **L** | **L** | **L** |
| **3** | **H** | **M** | **L** | **M** | **H** | **M** | **H** | **M** | **L** | **H** | **L** | **H** |
| **4** | **H** | **L** | **L** | **L** | **H** | **M** | **H** | **M** | **L** | **M** | **L** | **M** |
| |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Biomedical Instrumentation (5EC6.1A)** | | | | | | | | | | | | | | **POs**  **COs** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | | **1** | **2** | **2** | **-** | **-** | **-** | **1** | **-** | **-** | **-** | **-** | **-** | **2** | | **2** | **2** | **2** | **-** | **-** | **-** | **1** | **-** | **-** | **-** | **-** | **1** | **2** | | **3** | **1** | **2** | **-** | **-** | **-** | **1** | **-** | **-** | **-** | **-** | **-** | **2** | | | | | | | | | | | | | |