|  |  |
| --- | --- |
|  | **Dawood University of Engineering & Technology** **Department of Telecommunication Engineering**  |

**List of FYDP topics for batch 2019-F**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Topic** | **Group members** | **Supervisor** |
|  | Optical OFDM for VLC systems | Sobia IrfanTE-56Maryam Khalid TE-58Muhammad Ghufran TE-64Arsalan Muhammad Nawaz TE-66 | Engr. Faisal Khan |
|  | Design and Analysis of Reconfigurable Mode converter for optical communication system | Majid TE-72Shayan Shaikh TE-08Jalal Khan TE-47Muhammad Suhail TE-46 | Engr. Areez Khalil |
|  | Intrusion Detection System for Software-Defined Networks using Artificial Intelligence | Kashish Devi D19/19F TE-17Muhammad Anas TE-27Muhammad Sufiyan TE-36Omer Noman TE-52 | Engr. Rizwan Iqbal |
|  | Efficient Routing Protocol for Underwater Wireless Sensor Networks | Huzaifa ibn-e-Tanvir TE-15Yousra Rehman TE-13Shama Ali TE-63Bisma Afroz Khan TE-71 | Engr. Imran Khan |
|  | 3D Holographic Display System with Gesture Controller | Adil Ahmed Siddiqui TE-69Ahnaf Abdul Nasir TE-06Bisma Zahid TE-07Nimra Shabbir Khan TE-33 | Engr. Aziza Fazal |
|  | Smart grid based on cognitive radio | Saqib Hussain TE-26Mahnoor M. Hafeez TE-32Asbah shahid TE-50Fajar Iftakhar TE-19 | Engr. Saima Khadim |
|  | Underwater image processing for species classification | Samiullah TE 34Ghulam Asghar TE-54Hritik Kumar TE-53Karimdad TE-57Abdullahi Fatah Ali TE-21 | Engr. Prem Singh |
|  | Plant disease detection and monitoring using IOT | Adiba Kamal TE-62Eman Anwaar TE-49Awais Sheikh TE-59Hasham Allahdin TE-68 | Dr. Ayesha Amir |
|  | Analysis of precise positioning and accuracy in the urban environment through GNSS/GPS | Mubashir Saddique TE-24Muhammad Noman TE-35Ghulam Murtaza Sheikh TE-67Arsalan Ahmad TE-70 | Dr. Zeeshan Memon |

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

FYP Co-ordinator Chairperson