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

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

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

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FYP Co-ordinator Chairperson