**List of approved FYDP projects 20 F batch**

 Dated: 02/11/2023

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| **Sr. No** | **Topic** | **Supervisor** | **Students** | **SDGs** |
| 1 | Design and implementation of a transceiver for underwater Optical Wireless Communication | Engr. Faisal Khan | 20-TE-0120-TE-0920-TE-2420-TE-60 | 9 industry innovation and infra14 life below water |
| 2 | Near Future Health Prediction with Health Monitoring System | Engr. Aziza Fazal | 20-TE-0420-TE-3320-TE-2920-TE-57 | 3 good health and well being.11 sustainable cities and communities |
| 3 | WiFi based human activity recognition system | Engr. Imran khan | 20-TE-2120-TE-5520-TE-1220-TE-13 | 9 industry innovation and infra11 sustainable cities and communities |
| 4 | IoT based WSN System to detect Forest Fire | Engr. Saima Khadim | 20-TE-5420-TE-5820-TE-5320-TE-56 | 11 sustainable cities and communities13 Climate action15 Life on land |
| 5 | Development of a frequency based device for repelling insects | Dr. Ayesha Amir | 20-TE-4320-TE-0620-TE-5220-TE-51 | 2 zero hunger3 Good health and well being15Life on land |
| 6 | DUET helper bot | Engr. Imran Alvi | 20-TE-0520-TE-0320-TE-1820-TE-2720-TE-07 | 4 quality education9 industry innovation and infra |
| 7 | Data Security through Video Steganography | Engr. Kashif Saleem | 20-TE-1420-TE-2220-TE-19 | 9 industry innovation and infra |

**Groups that have applied for Ignite funding this year**

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| Design and implementation of a transceiver for underwater Optical Wireless Communication | 20-TE-0120-TE-0920-TE-2420-TE-60 | Engr. Faisal Khan |
| Near Future Health Prediction with Health Monitoring System | 20-TE-0420-TE-3320-TE-2920-TE-57 | Engr. Aziza Fazal |
| IoT based WSN System to detect Forest Fire | 20-TE-5420-TE-5820-TE-5320-TE-56 | Engr. Saima Khadim |
| Development of a frequency based device for repelling insects | 20-TE-4320-TE-0620-TE-5220-TE-51 | Dr. Ayesha Amir |