



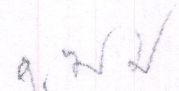
29-12-2021

**IDEATION FEST 4.0**

Ideation Fest 4.0 was organised on 01-12-2021. Total 60 teams participated in the Fest, out of which 12 teams are selected for working in the CIIE centre. The selected teams are informed to report to CIIE Centre on or before 15-01-2022.

| S.No. | Student Team   | Title   | Department |
|-------|--|---|------------|
| 1     | 18761A2141   | MILEGE ENHANCEMENT  | ASE        |
| 2     | 19765A0307<br>18761A0323                             | CHILD RESCUING SYTEM FROM BOREWELL                                | ME         |
| 3     | 18761A0386<br>19761A0384                             | AIR PURIFIER  | ME ✓       |
| 4     | 20765A0101<br>20765A0102                             | CIVIL SOLUTIONS FOR CREATING ANIMATED LAB EXPERIENCES             | CIVIL      |
| 5     | 19761A0483<br>19761A04B9                             | ULTRASONIC SENSOR BASED SOCIAL DISANCING DEVICE                   | ECE        |
| 6     | 19761A0481<br>19761A04B9<br>19761A04C0<br>19761A04C7 | SEEBACK WRIST WATCH   | ECE        |
| 7     | 207650203<br>207650206<br>207650204<br>207650201     | THIRD EYE & PROTECTIVE EYE  | EEE        |
| 8     | 18761A0238<br>18761A0251<br>18761A0248<br>18761A0243 | SMART ENERGY METER USING IOT                                      | EEE        |
| 9     | 19761A0568   | LEGACYLEAVERS SMART WALK CANE                                     | CSE        |
| 10    | 19761A05C2   | INNOVATIVE GIRLS WARNING SYSTEM FOR DRIVER                        | CSE        |
| 11    | 19761A1251   | CONVERTING PLASTIC WASTE INTO FUELS AND EXTRACTING METASL FROM IT | IT         |
| 12    | 19761A1288   | IMBALANCE REDUCTION BETWEEN DATASETS-EARLY CHILDHOOD OBESITY      | IT         |

Note: The Maximum time for completing the project is 5 months.

  
Principal

(Dr.K.Appa Rao)



### IDEATION FEST 4.0 Participants list

| S.No. | Roll number of Student Team            | Title  | Department |
|-------|--|--|------------|
| 1     | 18761A2120                             | Impellerone  | ASE        |
| 2     | 19761A2123                             | Electro magenta Cycle Engine   | ASE        |
| 3     | 18761A2123<br>18761A2108               | Thermal Electric Module  | ASE        |
| 4     | 18761A2141                             | Mileage Enhancement  | ASE        |
| 5     | 18761A2116<br>18761A2121               | Fixed Wing R.C Aircraft  | ASE        |
| 6     | 20765A2102<br>19761A05B3               | Persona  | ASE        |
| 7     | 19765A0110<br>19765A0104               | Corrosion Resistance Concrete  | Civil      |
| 8     | 19765A0120<br>19765A0105               | E-learning Platform in B.tech  | Civil      |
| 9     | 19765A0125<br>19765A0157<br>19765A0129 | Eolic vitality for generating electrical Energy                      | Civil      |
| 10    | 19765A0101<br>19765A0102               | Civil Solutions for creating animated lab Experiments                | Civil      |
| 11    | 19765A0112<br>19765A0105               | Design and Development of Alkaline water purifier.                   | Civil      |
| 12    | 19761A05H8                             | Face Detection Alarm   | CSE        |
| 13    | 19761A05C2                             | Innovative Girls Warning System For Driver                           | CSE        |
| 14    | 19761A0568                             | Legacy Leavers smart Walk Cane                                       | CSE        |
| 15    | 20761A05H4                             | Creative Thinkers Item finder using IOT                              | CSE        |
| 16    | 20761A0564                             | Smart Innovators Smart Agriculture                                   | CSE        |
| 17    | 20761A0517                             | Touch me   | CSE        |
| 18    | 20761A0512                             | Vehicle Mate Innovators  | CSE        |
| 19    | 20761A0577                             | C2C(Crop to consumer)  | CSE        |
| 20    | 20761A0564<br>20761A0575               | AI based vertical farming  | CSE        |
| 21    | 20761A0230<br>20761A0227               | Brain Disease Classification & Brain Age Estimation Using CNN        | CSE        |
| 22    | 19761A04A1<br>19761A04C2               | Vision and Radar Sensor Fusion for Advanced Driver Assistance System | ECE        |



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|----|--|--|-----|
| 23 | 19761A0483<br>19761A04B9                             | Ultrasonic sensor based social distancing device | ECE |
| 24 | 18761A04F8   | Mini signal detector (MSD)                       | ECE |
| 25 | 19761A0468   | Medicine vending machine                         | ECE |
| 26 | 19761A04D2   | Super conductor cables for power transmission    | ECE |
| 27 | 19761A0481<br>19761A04B9<br>19761A04C0<br>19761A04C7 | Seeback Wrist Watch                              | ECE |
| 28 | 19761A04D5   | Gas detector for factories                       | ECE |
| 29 | 20761A0405<br>20761A0442<br>20761A0488               | Gold Purity Detection Mobile Applications        | ECE |
| 30 | 19761A0482<br>19761A0484                             | IOT based Agriculture                            | ECE |
| 31 | 18761A5249<br>18761A5256<br>18761A5252               | Railway Track Crack Detection System Using IOT   | EEE |
| 32 | 19761A5207<br>19761A5255<br>19761A5212               | Foot Steps at Room Door Step                     | EEE |
| 33 | 20761A5203<br>20761A5206<br>20761A5204<br>20761A5201 | Third Eye and Protective Eye.                    | EEE |
| 34 | 18761A5238<br>18761A5281<br>18761A5248<br>18761A5243 | Smart Energy Matter Using IOT                    | EEE |
| 35 | 19761A0277<br>19761A0280<br>19761A0262               | U-dump Nets                                      | EEE |
| 36 | 19761A02A6<br>19761A02A8<br>19761A0299<br>20761A0215 | Water Pollution Monitoring Rc Boat               | EEE |
| 37 | 20761A0204<br>20761A0227                             | Water Fuel Generator                             | EEE |



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|----|--|---|-----|
|    | 20761A0243<br>20761A0212               |   |     |
| 38 | 18761A1020<br>18761A1001               | Energy Harvesting using Piezoelectric Sensor                      | EEE |
| 39 | 18761A04G0<br>18761A04G5               | Driver attention device   | EEE |
| 40 | 19761A1263                             | Sign Language Recognizing using ML                                | IT  |
| 41 | 19761A1251                             | Converting Plastic Waste in to Fuel and Extracting Metals from It | IT  |
| 42 | 19761A1239                             | Waste Management System   | IT  |
| 43 | 20761A1208                             | Kisan-Madhadh   | IT  |
| 44 | 19761A1289                             | Assistance to Paralytic Patient Through hand gestures using IOT   | IT  |
| 45 | 19761A1288                             | Imbalance Reduction Between Datasets- Early Childhood Obesity     | IT  |
| 46 | 19761A1276                             | Fake News Detection   | IT  |
| 47 | 18761A0379                             | Solar Based Home Automation                                       | ME  |
| 48 | 18761A0387<br>18761A0371               | Fabrication of Solar space Cooling System                         | ME  |
| 49 | 19765A0313                             | Fabrication of Oxygen sensors                                     | ME  |
| 50 | 20765A0308<br>20765A0305               | Amazon FBA  | ME  |
| 51 | 19761A03B1<br>19761A03B8<br>19761A03C1 | Plastic Waste to Fuel   | ME  |
| 52 | 19765A0307<br>18761A0323               | Child Rescuing System-From Bore well                              | ME  |
| 53 | 18761A03F7<br>18761A03B2<br>19761A0326 | Rouge Rover   | ME  |
| 54 | 18765A0386<br>18761A0384               | Air purifier  | ME  |
| 55 | 19765A0307                             | Free Way ambulance  | ME  |
| 56 | 18761A0318                             | Solar electric and Hydrogen Bike                                  | ME  |
| 57 | 19761A0314<br>19761A0391<br>19761A03A7 | Tesla Turbine   | ME  |
| 58 | 19761A0337<br>19761A0323               | Air Less Tyres  | ME  |



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| 59 | 18761A0399<br>18761A03A5<br>18761A0374               | Rough Terrain Vehicle with Rocker bogie<br>Mechnaism | ME |
| 60 | 18761A03F9<br>18761A03E5<br>18761A0329<br>18761A03B9 | Rerocketing  | ME |