Research & Development and Consultancy Cell: Research & Development and Consultancy Cell is established to promote and facilitate R&D as well as Consultancy in the technical core and interdisciplinary areas in the college. The facility with act as a catalyst in creating R&D ambience and culture as an integral part of the functioning of each department and will be one of the drivers of future growth of the College to shape itself as a technical institution of national importance.

Functions of the Cell: Research and Development Cell is headed by a senior Professor in the department who has vast experience in industry and academics. The cell is well equipped with state of art Hardware Equipment and **is recognized by ARM University and Texas Instruments. The cell is catering the needs of ECE, EEE, CSE and Mechanical Engineering department under graduate students** needs for carrying out their projects. The R&D Cell organized the various functions / activities through sub-committees with departmental coordinators and / or faculty representatives.

| S.No | Name of the equipment | Quantity | Unit price | Amount |
|------|-----------------------------------|----------|---------------|----------|
| 1 | Rasberry Pi 2 | 18 | 2842.00 | 51156.00 |
| 2 | Rasberry Pi case, Black cases | 18 | 548.00 | 9864.00 |
| 3 | 8GB SD card(Rasberry Pi NOOBS) | 18 | 416.00 | 7488.00 |
| 4 | HDMI lead | 18 | 102.00 | 1836.00 |
| 5 | Micro USB Power Supply Adapter | 18 | 194.00 | 3492.00 |
| 6 | Ethernet cable | 18 | 122.00 | 2196.00 |
| 7 | STM32 F4 Discovery | 5 | 600.00 | 3000.00 |
| 8 | Wolfson Pi Audio card | 5 | 500.00 | 2500.00 |
| 9 | Jumper wires | 5 | 50.00 | 250.00 |
| 10 | ARM Flex Net tools | | | |



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| То | PROFORMA INVOICE | GSTI | N - 29AADCE317 | | |
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| Princip | al | | PI Number :PI 20180829 Date : 29-08-2018 | | |
| Matrus | ri Engineering College 6, Opp Madannapet Market, | | | | |
| Saidab | ad, Hyderabad, Telangana 500059 | | Customer GST No: | | |
| SI. No. Description | | Qty. | Rate Amoun | | |
| | | Nos. | In Rs. | In R | |
| 1 | Texas Instruments Innovation Centre (TIIC) | | 430,000.00 | 430,000.0 | |
| 1a. | ASLK PRO Kit | 2 | | | |
| 1b. | Analog in a box | 2 | | | |
| 1c. | TI Bread Board | 2 | | | |
| 1d | Basic Robotics System Lab Kit | 4 | | | |
| 1e | Advance Robotics System Lab Kit | 1 | | | |
| 1f | Neuro Sense Band | 1 | | | |
| 1g | RSLK compatible sensors | 1 Set | | | |
| 1h | CC110L Booster pack | 2 | | | |
| 1i | TIVA TM4C123G Launch pad | 10 | | | |
| 1j | Sensor Hub Booster Pack | 2 | | | |
| 1k | Simple Link MSP432E401Y MCU Launch Pad | | | | |
| 11 | Ez430RF-2500 MSP430 Wireless Development Tools | 2 | | | |
| 1m | MSP432P401R high-precision Launch Pad | 5 | | | |
| 1n | Simple Link Wi-Fi CC3100 Booster Pack | 4 | | | |
| 10 | Simple Link CC2650 Wireless MCU Launch pad Kit | 2 | | 1, 20 | |
| 1p | MSP430F5529 USB Launch pad | 5 | | | |
| 1q | Simple Link Wi-Fi CC3200 Launch pad | 3 | 1 | | |
| 1r | MSP 430 F5969 Launch Pad | 4 | | | |
| 1s | Sensors | 1 Set | | | |
| 1t | F28379D Delfino Experimenter Kit | 1 | | | |
| 1u | F28379D Launch Pad | 2 | | | |
| | | | Total | 430,000.00 | |
| | the second secon | | GST(18%) | 77,400.00 | |
| alue in | Words Rupees: Five Lakhs Seven Thousan | | Grand Total | 507,400.00 | |
| or Ed C | and Jechnologies Fyr Ltd | Bank Acco Bank Acco Bank name Branch na IFSC Code Currency: | wunt Name: EdGate Techni wunt number: 05400201000 e: The Jammu & Kashmir I me: Indira Nagar, Bangalo : JAKA0INBANG Indian Rupee TH EDIFICE, CMH ROAD, I | 00050 Bank Limited re | |