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| **PROJECT TITLE** | **SMART GRANARY MONITORING SYSTEM** | |
| **PROGRAM** | **B.E. ELECTRONICS AND COMMUNICATION ENGINEERING** | |
| **PROJECT BATCH NUMBER** | **12** | |
| **BATCH MEMBERS** | **722821106063** | **KARTHICK KUMAR G** |
| **722821106093** | **NANTHA KUMAR B** |
| **722821106101** | **NISHANTHAN R** |
| **722821106118** | **RANJITH R** |
| **NAME OF THE SUPERVISOR** | **Dr. S. DHANASEKAR, M.S., Ph.D.,** | |
| **NAME OF THE SDG GOALS MAPPED** | **ZERO HUNGER,**  **RESPONSIBLE CONSUMPTION AND PRODUCTION** | |
| **MENTION THE SDG GOALS NUMBER** | **SDG 2,SDG 12** | |
| **NAME OF THE TRL LEVEL** | **PROTOTYPE SYSTEM VERIFIED** | |
| **MENTION THE TRL LEVEL** | **TRL 6** | |

POs & PSOs Mapping (Put a tick mark in the mapped PO’s & PSO’s):

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Program Outcomes** | | | | | | | | | | | **Program**  **Specific Outcomes** | |
| **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PSO1** | **PSO2** |
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Signature of the Supervisor

(Dr. S. Dhanasekar)

VENUE AND EXPENDITURE STATEMENT FOR THE PROJECT WORK

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| --- | --- |
| **Laboratory details where the**  **project is carried out** | **Project Lab, ECE** |
| **Software / Hardware details** | **Arduino UNO, DHT 22 sensor, MQ-135 Sensor, Light Sensor,**  **LCD Module, Power adaptor. Arduino IDE, V S code.** |

Details of the Component and Expenditure

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| --- | --- | --- | --- | --- |
| **S. No** | **Name of the Component** | **Qty** | **Price / Unit in (Rs.)** | **Amount (Rs.)** |
| 1. | Arduino UNO | 1 | 400 | 400 |
| 2. | LCD Display | 1 | 350 | 350 |
| 3. | DHT 22 Sensor | 1 | 175 | 175 |
| 4. | Light Sensor | 1 | 20 | 20 |
| 5. | MQ-135 Sensor | 1 | 240 | 240 |
| 6. | Buzzer | 1 | 140 | 140 |
| 7. | Power Adapter | 1 | 340 | 340 |
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Signature of the student Signature of the Supervisor

(Dr. S. Dhanasekar)