## **BHEEMA INSTITUTE OF TECHNOLOGY & SCIENCE**



(Sponsered by Bheema Educational Society)
(Approved by AICTE & Affiliated to JNTUA ,Anantapuramu)
Alur Road,ADONI-518301.(Kurnool Dist.)A.P.

CELL:7660011179, 7660011189

e-mail: <a href="mailto:principal.2k@jntua.ac.in">principal.2k@jntua.ac.in</a> www.bitsadoni.ac.in

3.2.1: Institution has created an Ecosystem for innovations and has initiatives for creations and transfer of knowledge.

| S. No. | Name of Eco system Projects   | URL                  |
|--------|---|----------------------|
| 1      | Automatic Room Light Control and Visitor Count  |                      |
| 2      | Solar Highway Lighting System with Auto Turn-Off on Day Time  |                      |
| 3      | Implementation Of Solar Inverter for Home, Garden,<br>Street Light Application                      |                      |
| 4      | Solar Based E-Uniform for Soldiers  |                      |
| 5      | Fault Detecting In 3phase Transmission Line (L-G Fault)   | <u>View document</u> |
| 6      | Forest Fire Alerting System   |                      |
| 7      | Face Detection Door Lock  |                      |
| 8      | Electronic Notice Board   |                      |
| 9      | Bomb Defusing Robotic Arm   |                      |
| 10     | Forest Fire Detecting and Fire Extinguisher   |                      |
| 11     | "Manually Operated Eco-Friendly Road Cleaner"   |                      |
| 12     | "Eco Friendly Floor Cleaner"  |                      |
| 13     | Fabrication Of Solar Car  |                      |
| 14     | Traffic Clearance in Emergency for Ambulance and Fire Engines                                       |                      |
| 15     | Automatic Ventilation of Vehicle Interior Using Micro Controllers-( Arm-7)                          |                      |
| 16     | Automatic Plant Irrigation System   |                      |
| 17     | Solar Charger Using Arduino   | <u>View document</u> |
| 18     | Hand Sanitizer with Visitor Count   |                      |
| 19     | Utilization Of Plastic Waste in Manufacturing of Plastic Bricks                                     |                      |
| 20     | Effect On Compressive Strength of Concrete by<br>Replacement of Cement with Fly Ash                 |                      |
| 21     | Performance Of High Strength Concrete -Partially<br>Replacing Fine Aggregate with Manufactured Sand |                      |
| 22     | Removal Of Excess Fluoride from Portable Water  |                      |

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