

EK BHARAT SHRESHTHA BHARAT  
CENTRE FOR ENGINEERING EDUCATION RESEARCH &  
CENTRE FOR INNOVATION & ENTREPRENEURSHIP  
MHRD's INSTITUTION INNOVATION CELL



## “Swachhatha Action Plan-2019”



The banner features logos for CMR, Unnat Bharat Abhiyan, the Government of India, and the Swachh Bharat Mission. The text reads: Ministry of Human Resources Development, Govt. of India; “Swachhatha Action Plan-2019” Under Unnat Bharat Abhiyan; Organized by Centre for Engineering Education Research; In Association with Mahatma Gandhi National Council of Rural Education, Department of Higher Education & MHRD; CMR COLLEGE OF ENGINEERING & TECHNOLOGY (UGC Autonomous).

CMRCET has been doing commendable work in rural areas of Medchal District and has successfully established Centers of Excellence for the improvement and enrichment of science and engineering knowledge – Alternative Energy Appliances for Rural India (AAERI), Low Cost Housing (LCH), Water and Environment Technology (WET), Soil and Material Testing (SMT), Center for Internet of Things (IOT). The activities of AAERI, LCH, WET, IOT and SMT carry out multidisciplinary research projects using integrated technologies with the prime aspiration of bringing “Science to the Society”. The functions of these centers mainly focus on the development, management and conservation of natural resources, environment and ecology. UBA provides us a dream opportunity to channelize our energy with measurable outcomes.

CMRCET will work through the network of available units in the Institute and also try to collaborate with various stakeholders. We have requested all faculty members to make sure that 5-10% of all B.Tech project should be done with focus on inclusive rural development. Similarly, M.Tech and Ph.D pursuing students are encouraged for inclusive technology.

**CMRCET wants to adopt five villages around the campus to improve the quality of life of rural areas. These are the villages to be adopted:**

1. Ravalkole
2. Pudur
3. Kistapur
4. Rajbollaram

---

## 5. Yallampet

### CMRCET will address the following issues in the adopted five villages :

- Organic farming
- Energy resources
- Drinking water quality
- Solid Waste management
- Literacy improvement programmes
- Women Empowerment
- Health Welfare
- Skill development



#### 1) Ravalkole (Photos & List of the Problems ):

- Roads are not constructed properly
- There is no proper shade in school, students were sitting outside and studying
- Sewage and drainage problem
- Water get clogged during rainy season
- Dust pollution due to heavy trucks and lorries
- Most of the houses collapsed due to heavy rainfall
- Less job opportunities resulting in unemployment
- Educational quality is upto mark as there are no higher educational institutes
- Transportation problem
- No proper place to dump garbage(no sanitation)
- Street lights do not work during night time.
- Before painting and after painting Building.



#### 2)Pudur(Photos & List of the Problems)

Irrigation facilities are immensely outdated, Irregular shelter constructions were also cited as reasons for thieves breaking in,Lack of water management system





### 3)Kistapur(Photos & List of the Problems)

- Roads are not constructed properly
- There is no proper shade in school, students were sitting outside and studying
- Sewage and drainage problem
- Water get clogged during rainy season



### 4)Rajbollaram(Photos & List of the Problems)

A gas pipeline passes near the village .There is a threat of gas leakage. But no safety measures were taken. A gas leakage alarm was not set in the village.



### 5)Yellampet(Photos & List of the Problems)

They don't have proper drainage system, The people in the village dumping waste beside their houses, There are no public toilets, There is no proper public transport, There is no proper equipment for cattle cleaning.



---

The above problems are identified in the adopted villages and they have been undertaken by CEER,CMRCET.

Interaction with the sarpanches of the villages was held to find out the root cause and the plan of action.

