



Koneru Lakshmaiah Education Foundation

(Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Campus: Green Fields, Vaddeswaram - 522 502, Guntur District, Andhra Pradesh, INDIA.

Phone No. 0863 - 23999999; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 -2577715, Fax: +91-866-2577717.

Water conservation work at Musunuru Mandal

Date: 19th Dec 2019

Under Jal shakti Abhiyan

Students and Staff participated:

S. No	Name of the Faculty/Student	Id Number	Department
1	Mr. P.Sai Vijay	5387	SVR
2	Mr. Kone Venkatesh	4864	Civil
3	M. Sri Hari	160020070	Civil
4	M. Sai Ramgoud	160020075	Civil
5	V. Vamsi	160020115	Civil
6	Md. Khaza Nawaz	182022018	Civil



Under the KLEF – SVR activity Musunuru was selected for water conservation activity conducted from July 19 to Dec – 19 Every Tuesday

Artificial groundwater recharge is a process of induced replenishment of the groundwater via the assist of human activities. It's far the planned, human activity of increasing the quantity of groundwater available via works designed to grow the natural replacement or percolation of surface water into the groundwater aquifers, resulting in a corresponding increase in the amount of groundwater available for the concept. In an area like Musunuru Mandal in Andhra Pradesh, there is a need for recharge of groundwater identified by Jal Shakti Abhiyan. This study explains the demand and consumption of water and estimates the water budget in Musunuru village. In this study, the major source of water for agriculture is rainfall or bore wells (tube wells). To identify the water demand in the village and suggesting the best practice approach to reduce the risk of Musunuru with an experimental study on groundwater recharge techniques. Among all the recharge techniques this study chooses the low budget soak pit method with materials like a reused plastic drum and locally available construction materials in Musunuru. By using this proposed low budget soak pit method 85% of groundwater recharge contributes.

1. Piezometers are placed in boreholes to monitor the pressure or depth of groundwater. checking piezo meter along with M.Tech Students

2. soak pit construction
3. Verifying Rain gauge (Measures the rain fall) at MRO office, Musunuru
4. Related article in newspaper



ఇంకుడు గుంతలు తవ్వాలి

ముసునూరు : జలశక్తి అభియాన్ కార్యక్రమంలో భాగంగా శుక్రవారం ముసునూరు మండలంలో గుంటూరు జిల్లా తాడేపల్లి మండలంకు చెందిన కెఎల్ యూనివర్సిటీ అధ్యాపకులు, విద్యార్థులు పర్యటించారు. ఈ సందర్భంగా అసిస్టెంట్ ప్రొఫెసర్ వెంకటేష్ మాట్లాడుతూ భవిష్యత్ తరాల వారికి భూగర్భజలాల అందించేందుకు ప్రతిఒక్కరూ ఇంకుడు గుంతలు, పంట గుంతలు తవ్వాలని సూచించారు. వీరితో పాటు ఉపాధిహామి సిబ్బంది ఇ.సి జె.జయ ప్రసాద్ , తదితరులు పాల్గొన్నారు.

Project Coordinator
M. Padmavathy

Project Head
Mr. P. Sai Vijay.

Signature of the Student Dean