

Rain water harvesting



GOVERNMENT DEGREE COLLEGE

Jukal Shivaaru, Narayankhed, Sangareddy Dist

Telangana State – 502286



Principal's Message

Now a days, the water has become a coveted treasure in India due to increase in demand from our ever growing population thereby decreasing our water resources. Changes in the rainfall patterns further worsen the situation and the country is experiencing both drought and flooding conditions.

If the present rate of exploitation of groundwater continues, I am sure, in near future, the existing water bodies will no longer be able to supply water to meet the needs of the population. This inevitable situation is going to have a furious impact on environment and economy of the nation.

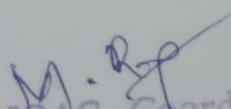
Therefore, every individual has to realize the situation and rise to the occasion and put maximum efforts to conserve every drop of water for the sustainable development of future generations and is the need of the hour.

The Government College Narayankhed has always been in forefront in shouldering the responsibilities of national interests. We appreciate the warnings of the experts saying that if the World War III is going to happen, it would be for water only since almost all the countries are facing the crisis and exceeded the threshold level of exploitation of groundwater.

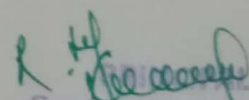
Therefore, in order to be a responsible organization, the College has been creating awareness among the public and our own students on this aspect. Accordingly, 02 Rainwater Harvesting Pits have been dug in the campus for preservation of rainwater. Our efforts bear fruit and the water table level in the campus has become shallower considerably, as our "Green Audit Report" says. I thank and congratulate our NCC and NSS wings and all the staff involved in this sanctified ritual.

Let us shoulder and share the responsibility to provide and preserve fearless, uncontaminated and plentiful water bodies for the sustainable development of our future generations, thereby protect the entire ecosystem.

"When you conserve water, you conserve life"


M. R. P.
IQAC - Coordinator
Govt. Degree College
NARAYANKHED

Mithun Kumar Rathod


Mithun Kumar Rathod
Govt. Degree College

**RAIN WATER HARVESTING PITS
(TWO IN THE COLLEGE CAMPUS)**



1. RAIN HARVESTING PITS IN THE COLLEGE CAMPUS

Introduction:

A recharge pit allows the rainwater to replenish groundwater by recharging the underground aquifers. It can be built to recharge a bore well or just to help the water infiltration in an area.

College has installed 2 rain harvesting pits in the college campus during the month of January 2022.

- 1) Right side of the campus
- 2) Left side of the campus

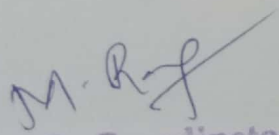
The common Procedure to construct the pit involves a 5 stage Process:

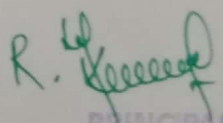
Stage 1: Digging a pit with required dimensions

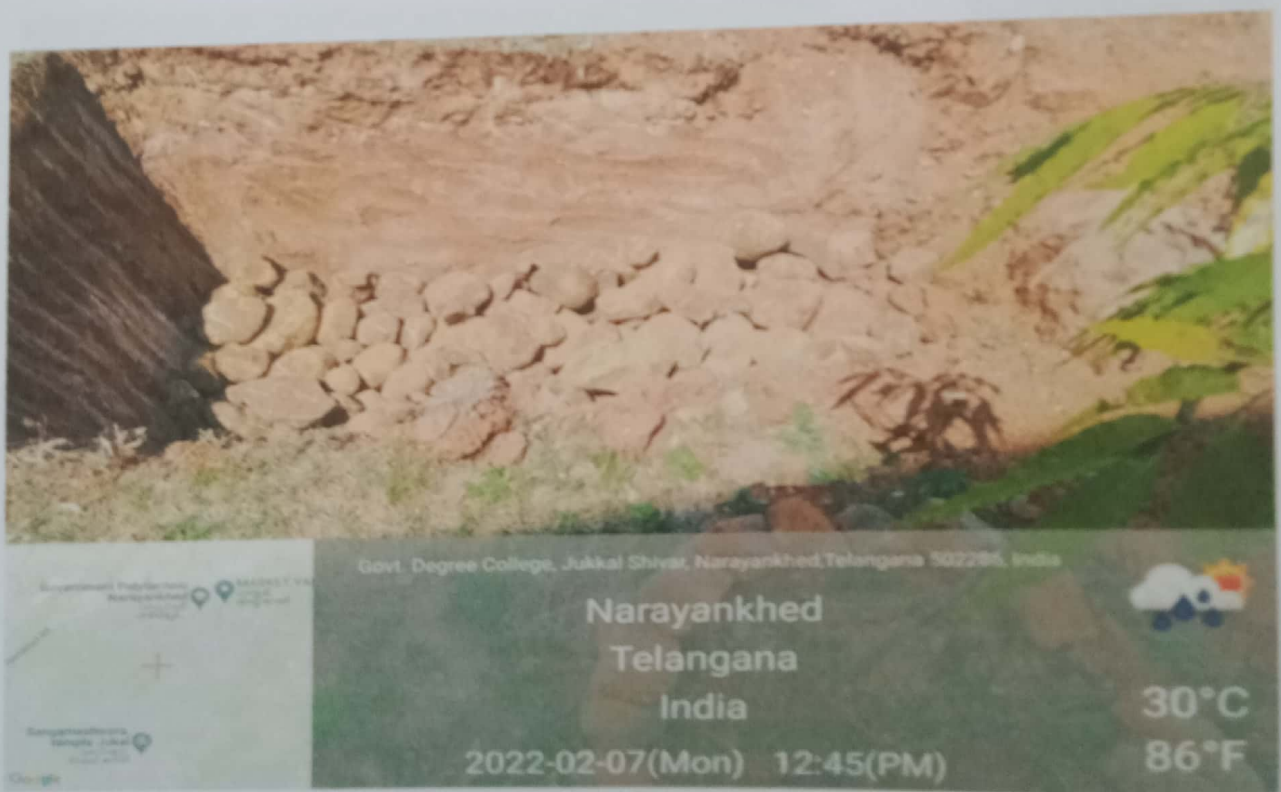
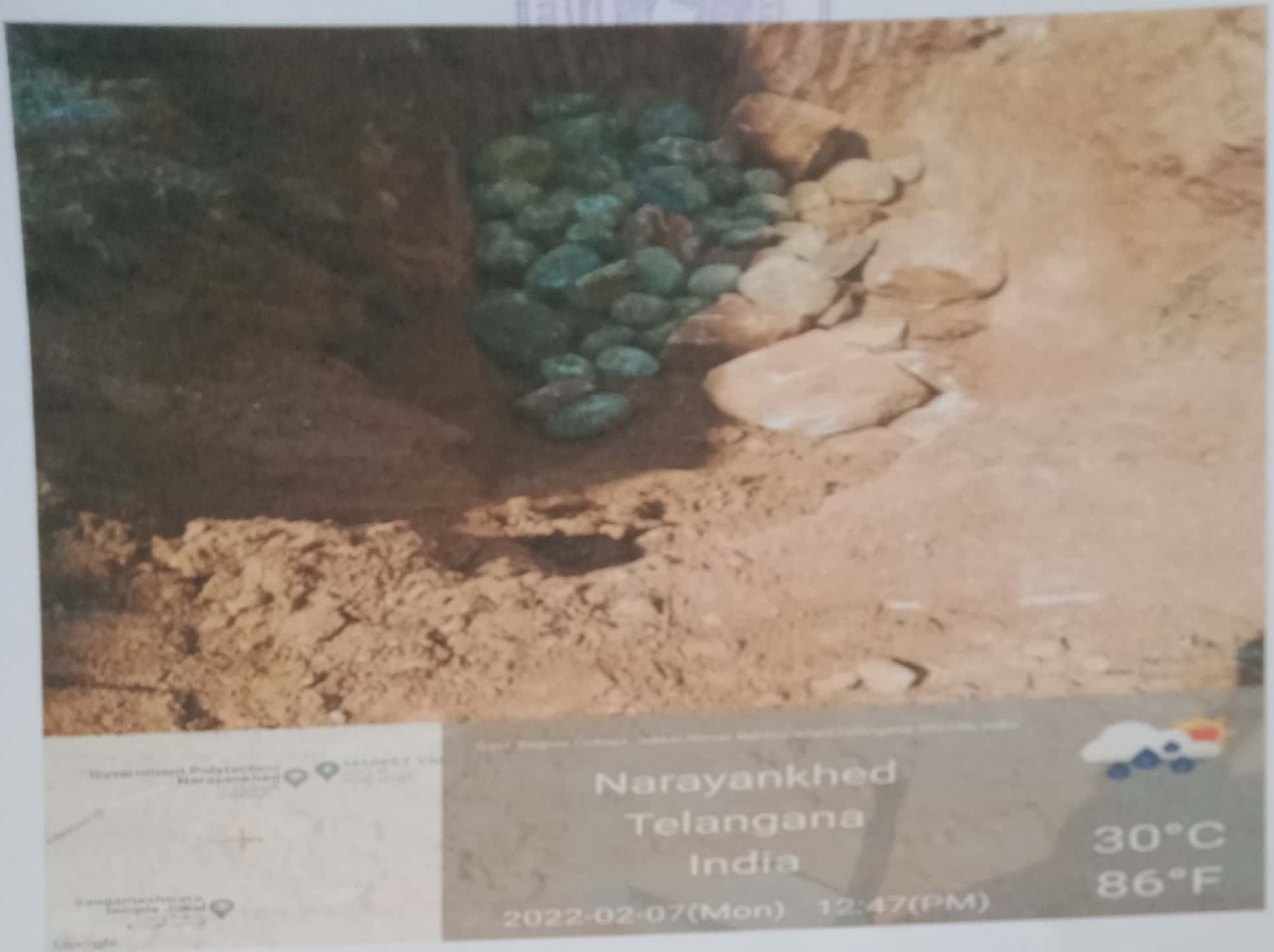
Stage 2: Filling the 6/8th of the pit with black stone which does not absorb any water.

Stage 3: Constructing Cement Brick wall around the pit

Stage 4: Filling up the remaining 1/4th of the pit with 30mm metal stone


IQAC - Coordinator
Govt. Degree College
NARAYANKHED

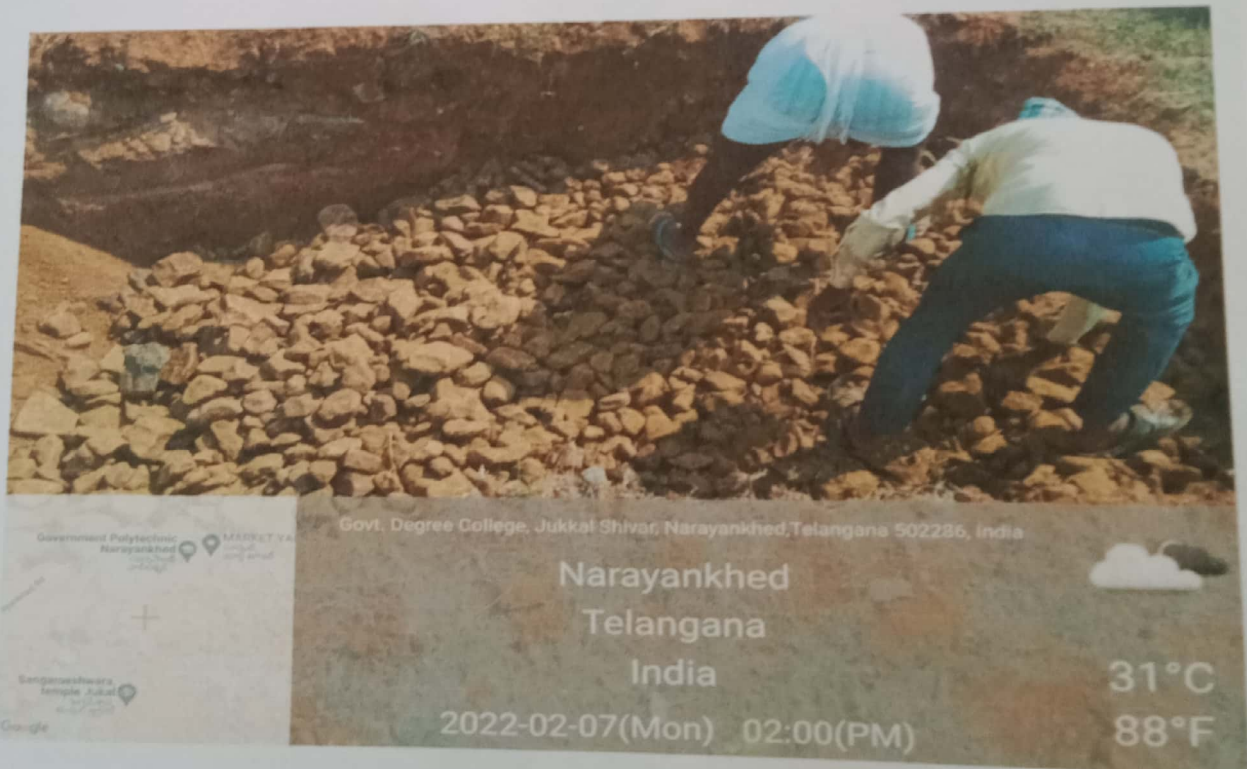

PRINCIPAL
Govt Degree College
NARAYANKHED
Sangareddy, Dist: 502286



Covering of the Pit with Stones

M. Roy

R. H. [Signature]
Govt Degree College



Covering of the Pit with Stones

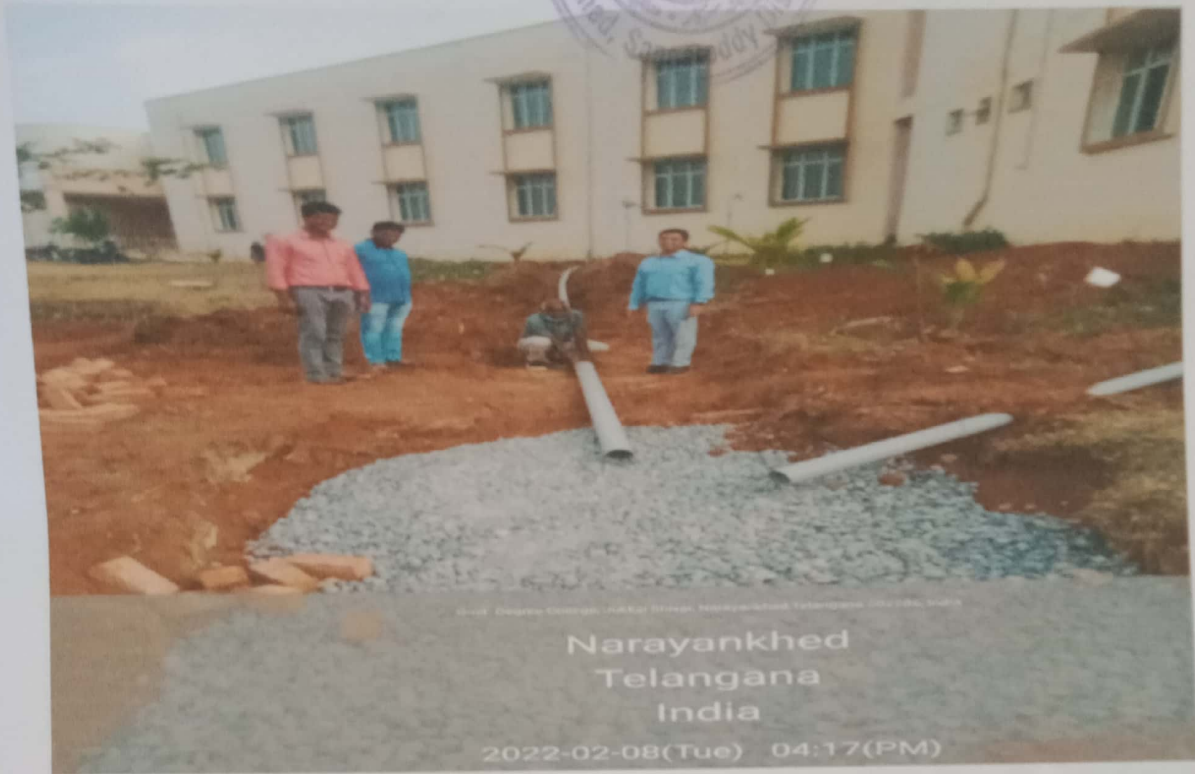
M. R...
IQAC - Coordinator
Govt. Degree College
NARAYANKHED

R. H. ...
Govt Degree College
NARAYANKHED
Sangareddy, Dist: 502286



M. R. J.
IOAC - Coordinator
Govt. Degree College
NARAYANKHED

R. J. J.
Govt Degree College
Sangareddy, Dist: 502286

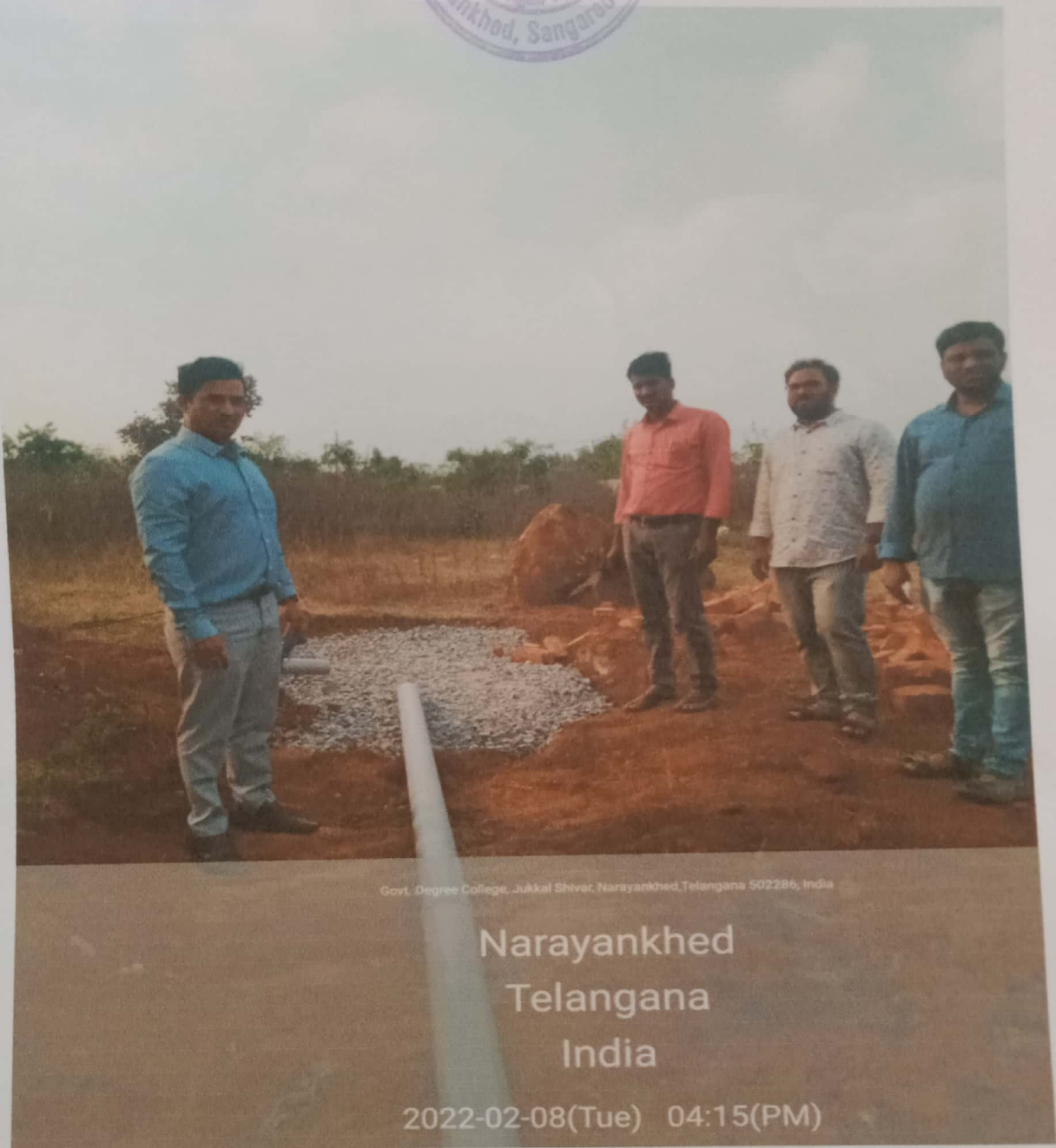
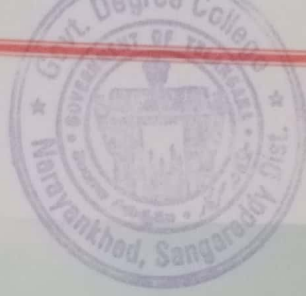


Inspection of Principal & Other staff at Rain Harvesting Pit



M. Raj
IOAC - Coordinator
Govt. Degree College
NARAYANKHED

R. V. Srinivas
Govt. Degree College
NARAYANKHED



M. Raj
IQAC - Coordinator
Govt. Degree College
NARAYANKHED

R. H. Kumar
PRINCIPAL
Govt Degree College
NARAYANKHED
Sangareddy, Dist- 502286



Government Polytechnic Narayankhed

Govt. Degree College, Sangareddy, Telangana 502286, India

Narayankhed
Telangana
India

2022-02-09(Wed) 01:39(PM)

31°C
88°F



Government Polytechnic Narayankhed

Govt. Degree College, Sangareddy, Telangana 502286, India

Narayankhed
Telangana
India

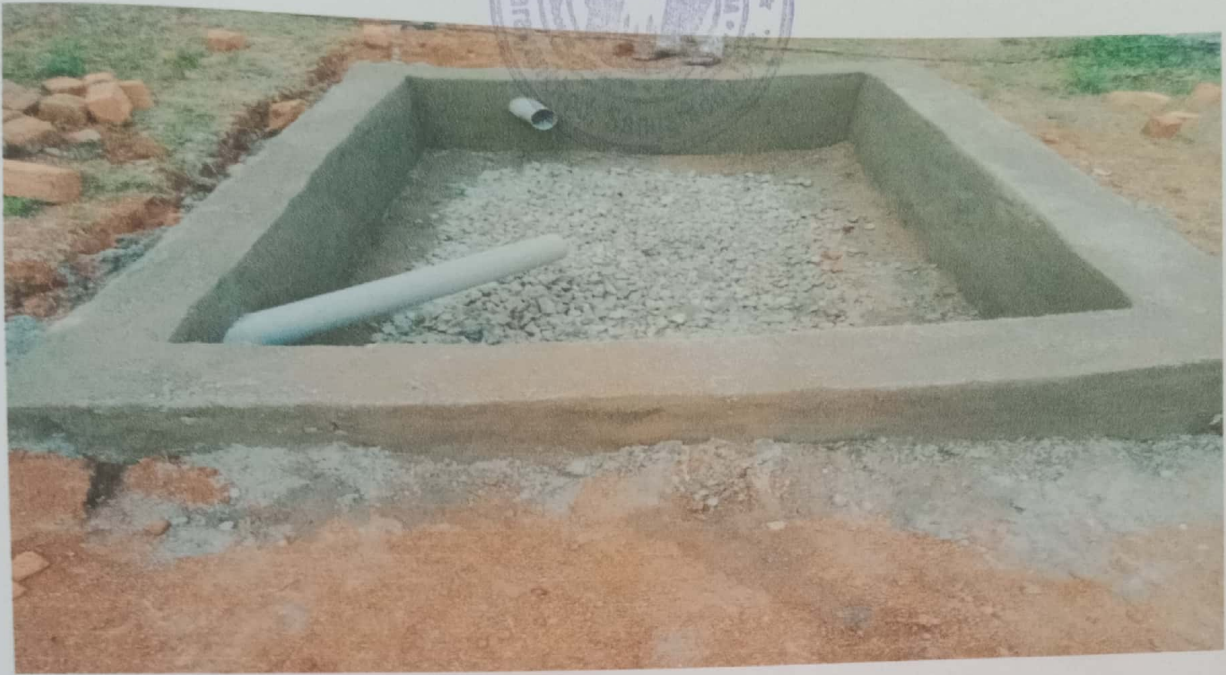
2022-02-09(Wed) 12:57(PM)

30°C
86°F

Constructing wall around the pit with Cement Bricks

M. Raf
 IQAC - Coordinator
 Govt. Degree College
 NARAYANKHED

R. H. Prakash
 Govt Degree College
 NARAYANKHED
 Sangareddy, Dist: 502286



Final Stage of Rain Harvesting Pit - 1



Final Stage of Rain Harvesting Pit - 2

M. Raj
IQAC - Coordinator
Govt. Degree College
NARAYANKHED

R. Sreedhar
PRINCIPAL
Govt Degree College
NARAYANKHED
Sangareddy, Dist: 502286