

SRI MAHAYOGI LAKSHMAMMA GOVERNMENT DEGREE COLLEGE



(Affiliated to Rayalaseema University, Kurnool.)

Near Hanumapuram, Adoni Road, YEMMIGANUR-518 360
Kurnool District, Andhra Pradesh.

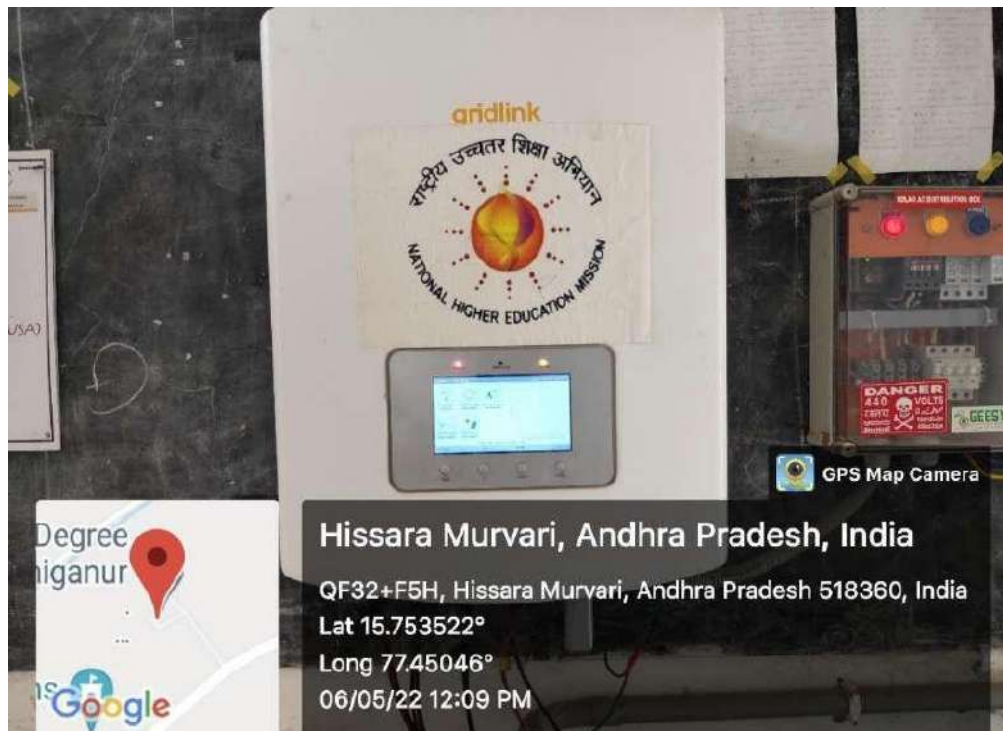
e-mail: yemmiganur.gdc@gmail.com website: www.gdcyemmiganur.ac.in



7.1.2 – 1. Alternate sources of energy and energy conservation measures

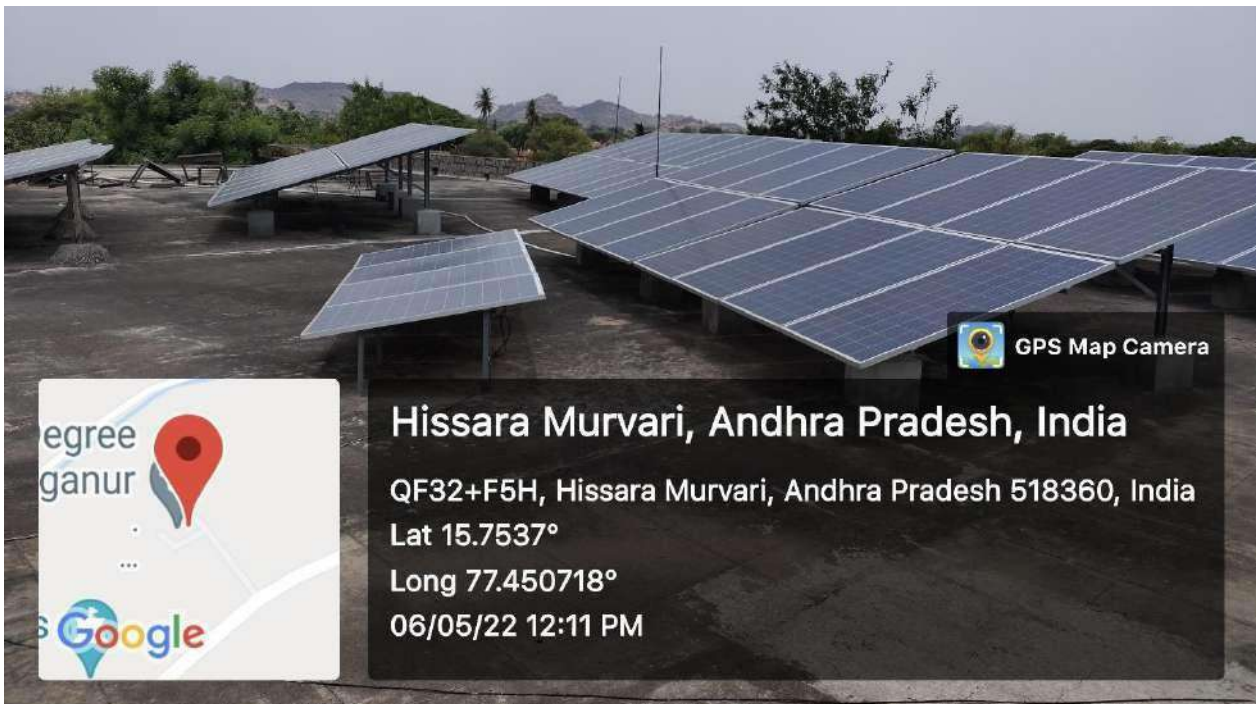


Solar Energy sending to Power Grid.





Solar Panels on the roof of Old Building



Solar Panels on the roof of Old Building



Hissara Murvari, Andhra Pradesh, India

QF32+F5H, Hissara Murvari, Andhra Pradesh 518360, India

Lat 15.753714°

Long 77.450701°

06/05/22 12:11 PM

Solar Panels on the roof of Old Building



Hissara Murvari, Andhra Pradesh, India

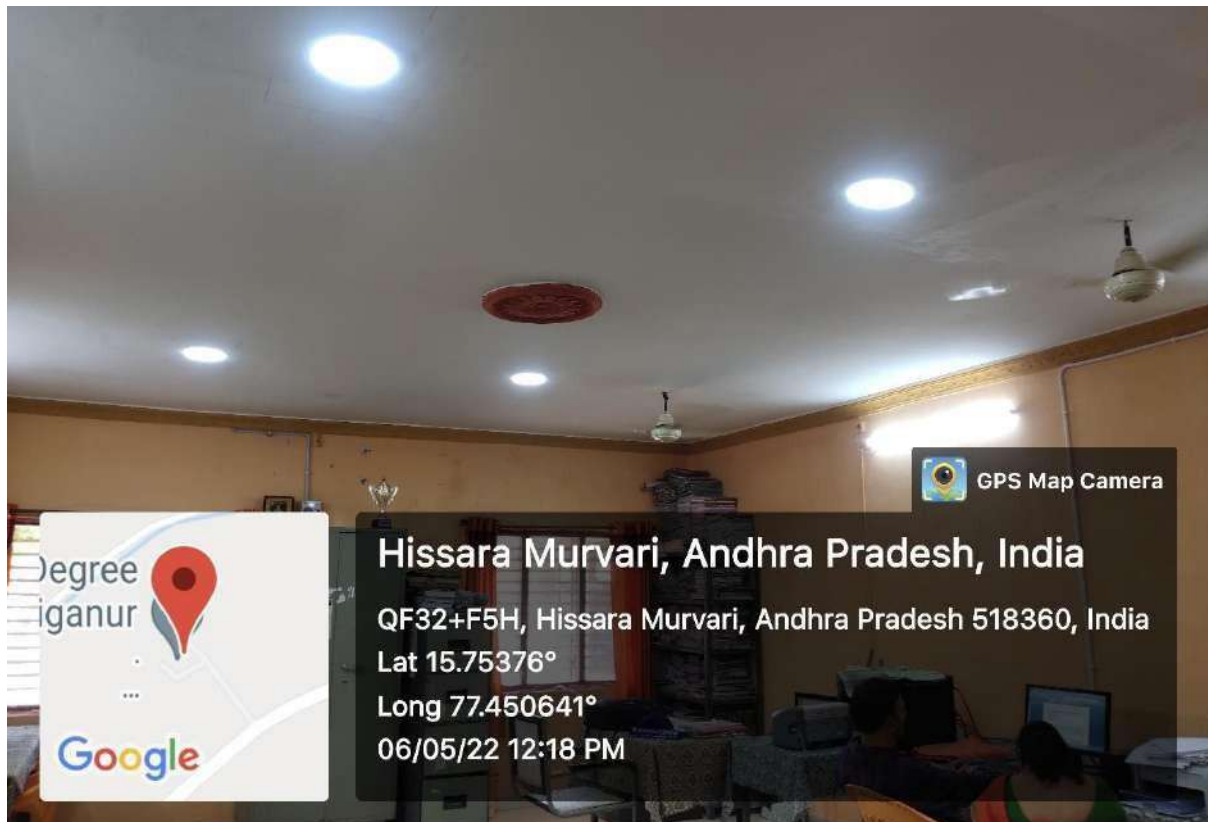
QF32+F5H, Hissara Murvari, Andhra Pradesh 518360, India

Lat 15.753696°

Long 77.450531°

06/05/22 12:12 PM

Solar Power switching to Power Grid.



Usage of LED lights to conserve electricity in Botany Staff Room



Usage of LED lights to conserve electricity in ELL Lab



Usage of LED lights to conserve electricity in JKC Lab



Usage of LED lights to conserve electricity in Computer Lab

**REPORTS FORM E.R.O. ELECTRICITY DEPARTMENT
ON
ENERGY GENERATED THROUGH SOLAR PANELS**

Academic Year 2018 to 2020

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : , , ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Jun-18	KVH	4511	6458	1947	0	3	0	0
Jul-18	KVH	6458	150	147	3	82	79	0
Aug-18	KVH	150	872	722	82	446	364	0
Sep-18	KVH	872	2257	1385	446	678	232	0
Oct-18	KVH	2257	3593	1336	678	1013	335	0
Nov-18	KVH	3593	5039	1446	1013	1254	241	0
Dec-18	KVH	5039	6124	1085	1254	1662	408	0
Jan-19	KVH	6124	7417	1293	1662	1911	249	0
Feb-19	KVH	7417	9252	1835	1911	2036	125	0
Mar-19	KVH	9252	10710	1458	2036	2806	770	0

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : , , ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Apr-19	KVH	10710	12057	1347	2806	4370	1564	-217
May-19	KVH	12057	13187	1130	4370	5732	1362	-232
Jun-19	KVH	13187	14269	1082	5732	7486	1754	-672
Jul-19	KVH	14269	15280	1011	7486	9852	2366	-1355
Jul-19	KVH	15280	16460	1180	9852	9893	41	0
Aug-19	KVH	16460	19254	2794	9893	9943	50	0
Sep-19	KVH	19254	21913	2659	9943	9943	0	0
Oct-19	KVH	21913	23971	2058	9943	10656	713	0
Nov-19	KVH	23971	25050	1079	10656	12024	1368	-289
Dec-19	KVH	25050	26123	1073	12024	13312	1288	-215
Jan-20	KVH	26123	27120	997	13312	14821	1509	-512
Feb-20	KVH	27120	28342	1222	14821	16507	1686	-464
Mar-20	KVH	28342	29653	1311	16507	18142	1635	-324

K. Mahabaleswari Bashe
PRINCIPAL
SRI MAHAYOGI LAKSHMAMMA
GOVT. DEGREE COLLEGE
YEMMIGANUR - 518360.
Kurnool (Dist.) A.P.



Asst. Accounts Officer
Asst. Accounts Officer
ERO/Yemmignaur

**REPORTS FORM E.R.O. ELECTRICITY DEPARTMENT
ON
ENERGY GENERATED THROUGH SOLAR PANELS**

Academic Year 2020 to 2022

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : , , ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Apr-20	KVH	29653	31051	1398	18142	20447	2305	-907
May-20	KVH	31051	32050	999	20447	22758	2311	-1312
Jun-20	KVH	32050	32992	942	22758	24100	1342	-400
Jul-20	KVH	32992	33978	986	24100	25017	917	0
Aug-20	KVH	33978	34760	782	25017	25470	453	0
Sep-20	KVH	34760	35445	685	25470	26609	1139	-454
Oct-20	KVH	35445	36627	1182	26609	28317	1708	-526
Nov-20	KVH	36627	37736	1109	28317	29716	1399	-290
Dec-20	KVH	37736	38725	989	29716	31349	1633	-644
Jan-21	KVH	38725	39679	954	31349	33095	1746	-792
Feb-21	KVH	39679	40673	994	33095	34730	1635	-641
Mar-21	KVH	40673	41443	770	34730	36220	1490	-720

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : , , ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Apr-21	KVH	41443	44178	2735	36220	36298	78	0
May-21	KVH	44178	47507	3329	36298	36298	0	0
Jun-21	KVH	47507	49908	2401	36298	36298	0	0
Jul-21	KVH	49908	51703	1795	36298	36298	0	0
Aug-21	KVH	51703	53619	1916	36298	36298	0	0
Sep-21	KVH	53619	54669	1050	36298	36310	12	0
Oct-21	KVH	54669	55557	888	36310	37305	995	-107
Nov-21	KVH	55557	56442	885	37305	37819	514	0
Dec-21	KVH	56442	57589	1147	37819	37957	138	0
Jan-22	KVH	57589	58712	1123	37957	37957	0	0
Feb-22	KVH	58712	59921	1209	37957	37957	0	0
Mar-22	KVH	59921	61243	1222	37957	37957	0	0

S. Lakshmaiah
PRINCIPAL
SRI MAHAYOGI LAKSHMAMMA
GOVT. DEGREE COLLEGE
YEMMIGANUR - 518360.
Kurnool (Dist.) A.P.



S. Lakshmaiah
Asst. Accounts Officer
ERO/Yemmiganur

**REPORTS FORM E.R.O. ELECTRICITY DEPARTMENT
ON
ENERGY GENERATED THROUGH SOLAR PANELS**

Academic Year 2022 to 2023

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : ,, ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Apr-22	KVH	61243	63569	2326	37957	37957	0	0
Ma-22	KVH	63569	65388	1819	37957	38285	328	0
Jun-22	KVH	65388	67519	2131	38285	38285	0	0
Jul-22	KVH	67519	68738	1219	38285	38915	630	0
Aug-22	KVH	68738	69701	963	38915	39185	270	0
Sep-22	KVH	69701	70504	803	39185	40948	1763	-960
Oct-22	KVH	70504	71408	904	40948	41921	973	-69
Nov-22	KVH	71408	73227	1819	41921	41921	0	0
Dec-22	KVH	73227	75540	2313	41921	41921	0	0
Jan-23	KVH	75540	77562	2022	41921	41921	0	0
Feb-23	KVH	77562	79460	1898	41921	41921	0	0
Mar-23	KVH	79460	81791	2331	41921	41921	0	0

USCNO : 8131311000097 NAME : MAHAYOGI DEGREE COLLEGE

ADDRESS : ,, ,HANUMAPURAM,

SECTION :: PEDDAKADUBURU , DISTRIBUTION ::HANUMAPURAM

MONTH	TYPE	OPRDG-IMP	CLRDG-IMP	IMP UNITS	OPRDG-EXP	CLRDG-EXP	EXP UNITS	NET UNITS
Apr-23	KVH	81791	83855	2064	41921	41921	0	0
May-23	KVH	83855	85681	1826	41921	42204	283	0
Jun-23	KVH	85681	86263	582	42204	43534	1330	-748
Jul-23	KVH	86263	87311	1048	43534	44569	1035	0
Aug-23	KVH	87311	88406	1095	44569	45383	814	0

X. orahadooli Redha
PRINCIPAL
SRI MAHAYOGI LAKSHMAMMA
GOVT. DEGREE COLLEGE
YEMMIGANUR - 518360.
Kurnool (Dist.) A.P.



A. A. G. Srinivasulu 12/9/23
Asst. Accounts Officer
ERO/Yemmiganur

SRI MAHAYOGI LAKSHMAMMA GOVERNMENT DEGREE COLLEGE



(Affiliated to Rayalaseema University, Kurnool.)

Near Hanumapuram, Adoni Road, YEMMIGANUR-518 360

Kurnool District, Andhra Pradesh.

e-mail: yemmiganur.gdc@gmail.com website: www.gdcyemmiganur.ac.in



7.1.2 – 2. Management of the various types of degradable and non-degradable wastes

Waste management is one of the prime concerns of the institution. This institution has a permanent mechanism for eliminating or minimizing the wastage on the campus, be it of time, power, paper or water. However, where wastage is inevitable and unavoidable, it is managed quite effectively. It is either deposited safely or recycled successfully for the benefit of nature and community. Vermicompost unit is there to convert the biodegradable waste into vermicompost, the manure generated through this unit is utilized for the campus flora.

Solid Waste Management:

The main Solid wastes on the campus include wastepaper, litter and disposables. The biodegradable waste is shifted to the Vermicompost and Compost pit and the manure is used for development of Botanical gardens and plantations in the campus. The non-degradable wastes are separated into recyclable and disposable ones.

Liquid Waste Management:

The waste water generated by RO Plant is being channelized to plantations. The college is situated in a low lying area with elevated roads with a small hill habitat. To absorb the rain water, there constructed two rainwater harvesting pits at pivotal points in the college. This water helps to raise the level of ground water table for the bore-wells in the college and surrounding areas as well.

E-waste Management:

The electronic waste is set apart for reuse, resale, recycling or disposal.



Vermicompost unit in the campus

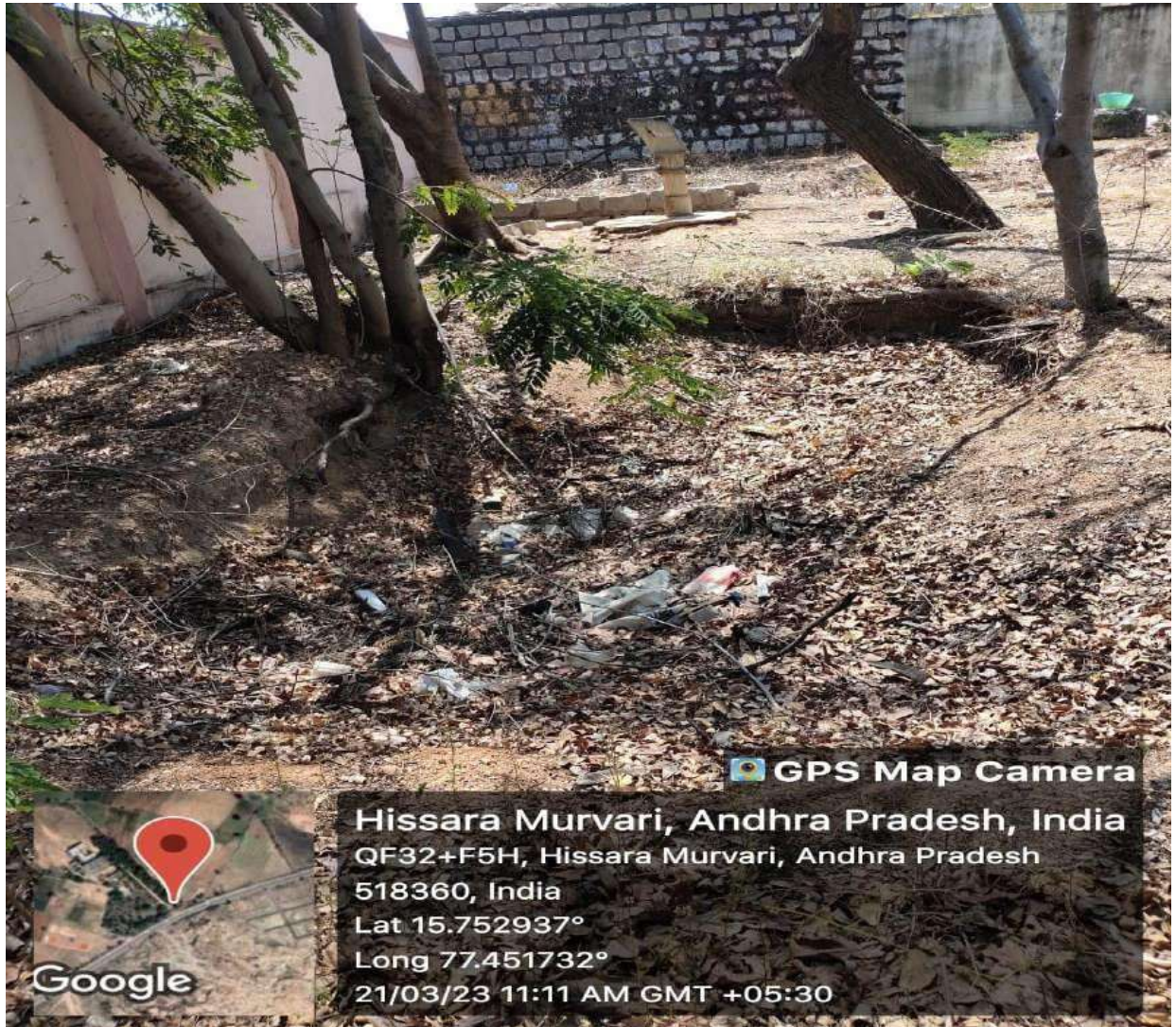


Vermicompost unit in the campus

7.1.2 – 2. Management of the various types of degradable and non-degradable wastes



Degradable waste collection pit



Degradable waste collection pit



Removal of non-degradable waste by litting fire.



Removal of non-degradable waste by litting fire

SRI MAHAYOGI LAKSHMAMMA GOVERNMENT DEGREE COLLEGE



(Affiliated to Rayalaseema University, Kurnool.)

Near Hanumapuram, Adoni Road, YEMMIGANUR-518 360

Kurnool District, Andhra Pradesh.

e-mail: yemmiganur.gdc@gmail.com website: www.gdcyemmiganur.ac.in



7.1.2 – 3. Water Conservation

Rain water harvesting structures

The institution has a built in roof water harvesting and flood water management through percolation pits. These pits are useful for garden watering as an alternative to fresh water. There are several other benefits such as providing back up source of water, reducing erosion of ground, flooding around the building and raising the water table. The main advantage of these percolation pits is that it requires low upfront capital investment and they are easy to maintain.

The college is situated in a low lying area with elevated roads and with a small size natural hill habitat. As such, every drop of water running down the uplands is likely to flow into the college ground. Especially, during the rainy season, a lot of rain water floods the campus from all directions. To hold and absorb this running water, there constructed two rainwater harvesting pits at pivotal points in the college. This water helps to raise the level of water table for the bore-wells in the college and surrounding areas.

Roof Water Harvesting:

This provides an opportunity to harvest a lot of rain water flowing down the roofs. The roof tops were made to slope towards one direction where all the rain water is made to collect and flow down. This water is brought down through pipe lines and it is channelized to plantations. The Chemistry department so utilizes the roof water as distilled water for some of its lab purposes.

7.1.2 – 3. Water Conservation

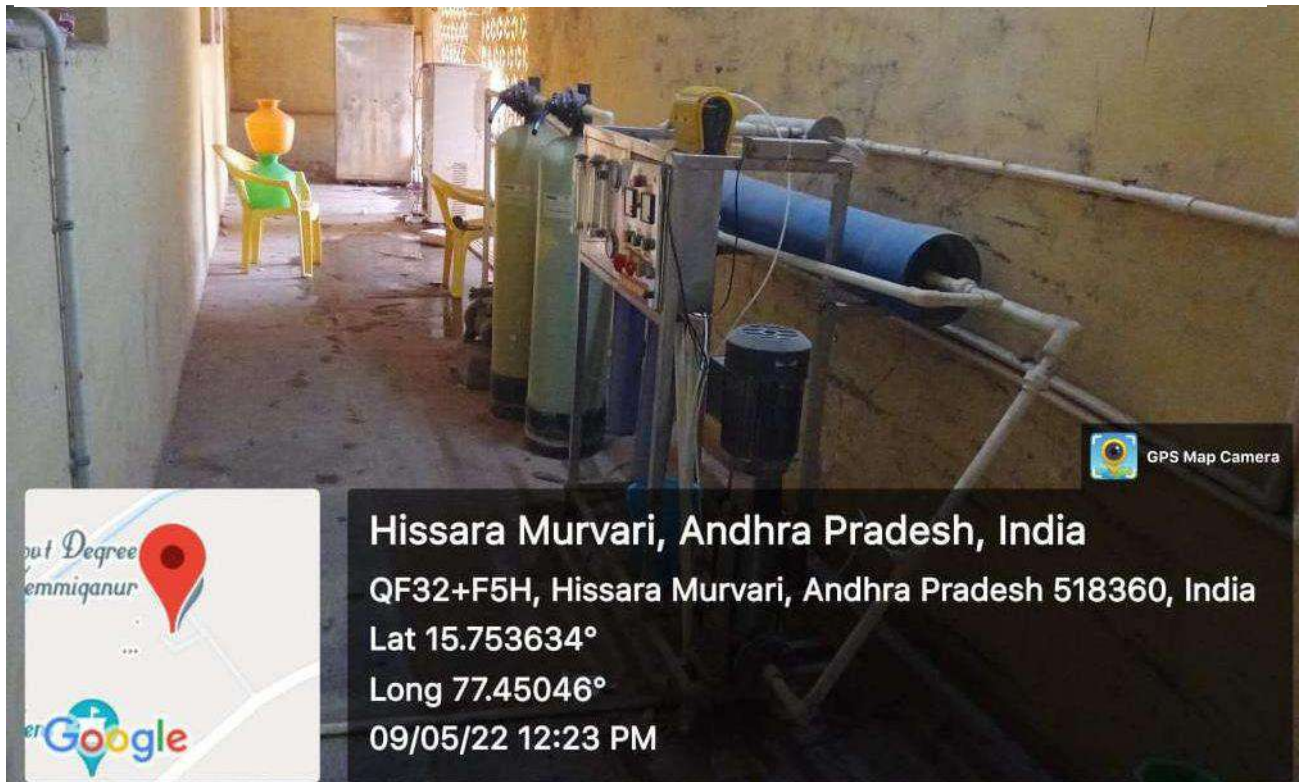


Runoff of Rain water is channelized to Water Harvesting Pits



GPS Map Camera
Hissara Murvari, Andhra Pradesh, India
QF32+F5H, Hissara Murvari, Andhra Pradesh
518360, India
Lat 15.752812°
Long 77.451524°
18/03/23 01:51 PM GMT +05:30

Water Harvesting Pit



GPS Map Camera
Hissara Murvari, Andhra Pradesh, India
QF32+F5H, Hissara Murvari, Andhra Pradesh 518360, India
Lat 15.753634°
Long 77.45046°
09/05/22 12:23 PM

R.O. Water Plant in the campus



Waste water generated through R.O. plant is channelized to plantations



channel to plantations



Roof water also channelized to Fish pond near Department of Zoology.

SRI MAHAYOGI LAKSHMAMMA GOVERNMENT DEGREE COLLEGE



(Affiliated to Rayalaseema University, Kurnool.)

Near Hanumapuram, Adoni Road, YEMMIGANUR-518 360
Kurnool District, Andhra Pradesh.

e-mail: yemmiganur.gdc@gmail.com website: www.gdcyemmiganur.ac.in



7.1.2 – 4. Green Campus Initiatives

A group of twenty five students from B.A., B.Com. & B.Sc., have come forward voluntarily and formed a group named SML Green Corps. They have taken the task of maintaining the College Garden such as land making, planting, watering, pruning, cleaning etc. They proved ones crave for greenery and eco friendly environment in the campus. The Principal of the College, IQAC, Dept. of Botany have recognized this tune-up for greenery and the said students were bestowed with the prizes of appreciation.

**Medicinal Plant Garden and Collection of Seeds:
An initiative taken up by the Dept. of Botany and SML Green Corps in the
year 2020-2021**



SML GREEN CORPS AT THEIR MISSION



PLANTATION BY SML GREEN CORPS



SEED COLLECTION BY SML GREEN CORPS



PLANTATION BY SML GREEN CORPS



The SML Green corps, the Department of Botany, the Departments of Physical Education and NSS have jointly undertaken cleaning of the campus and plantation on Campus.



PLANTATION BY SML GREEN CORPS



CLEAN AND GREEN BY SML GREEN CORPS

SRI MAHAYOGI LAKSHMAMMA GOVERNMENT DEGREE COLLEGE



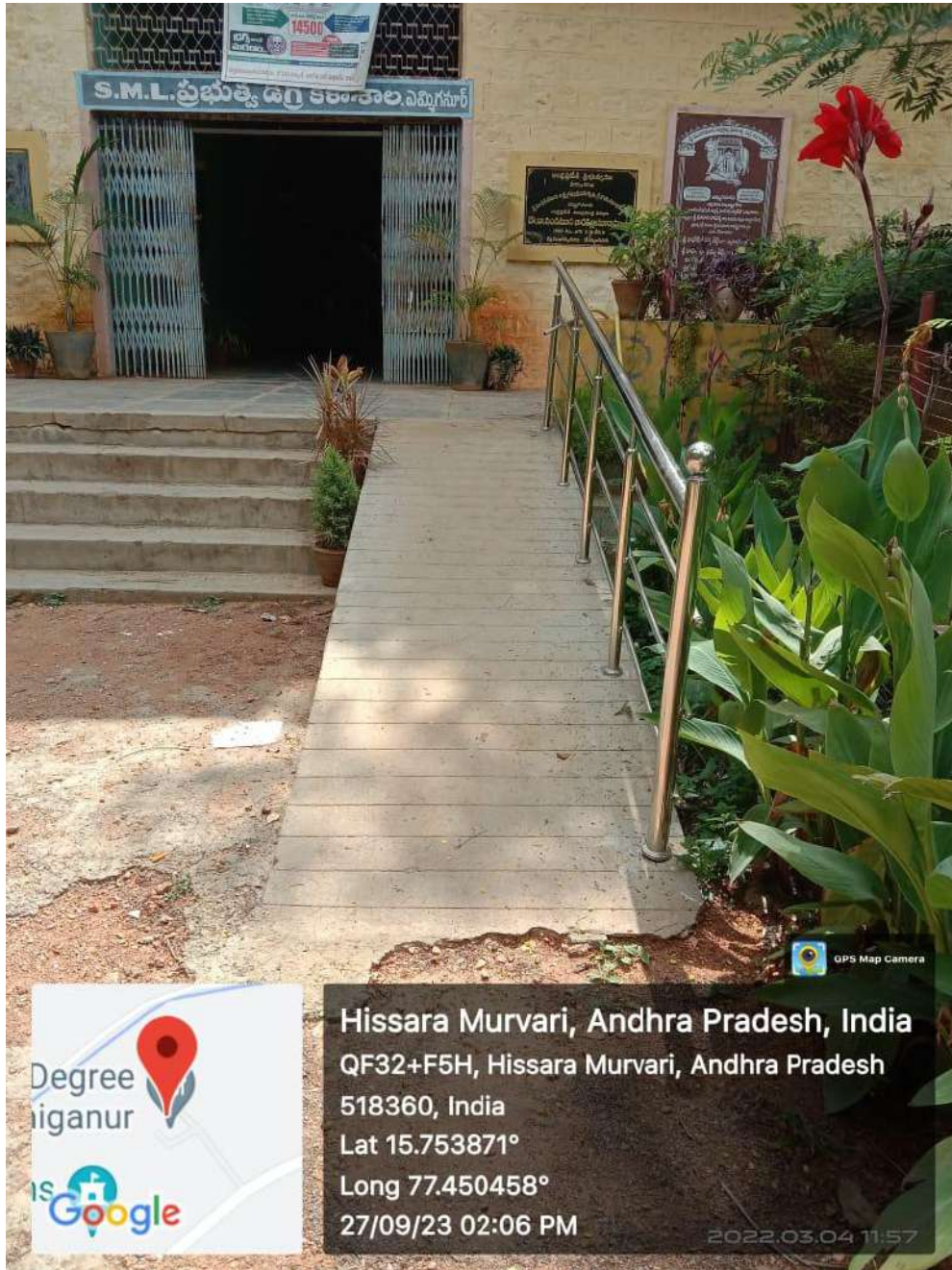
(Affiliated to Rayalaseema University, Kurnool.)

Near Hanumapuram, Adoni Road, YEMMIGANUR-518 360
Kurnool District, Andhra Pradesh.

e-mail: yemmiganur.gdc@gmail.com website: www.gdcyemmiganur.ac.in



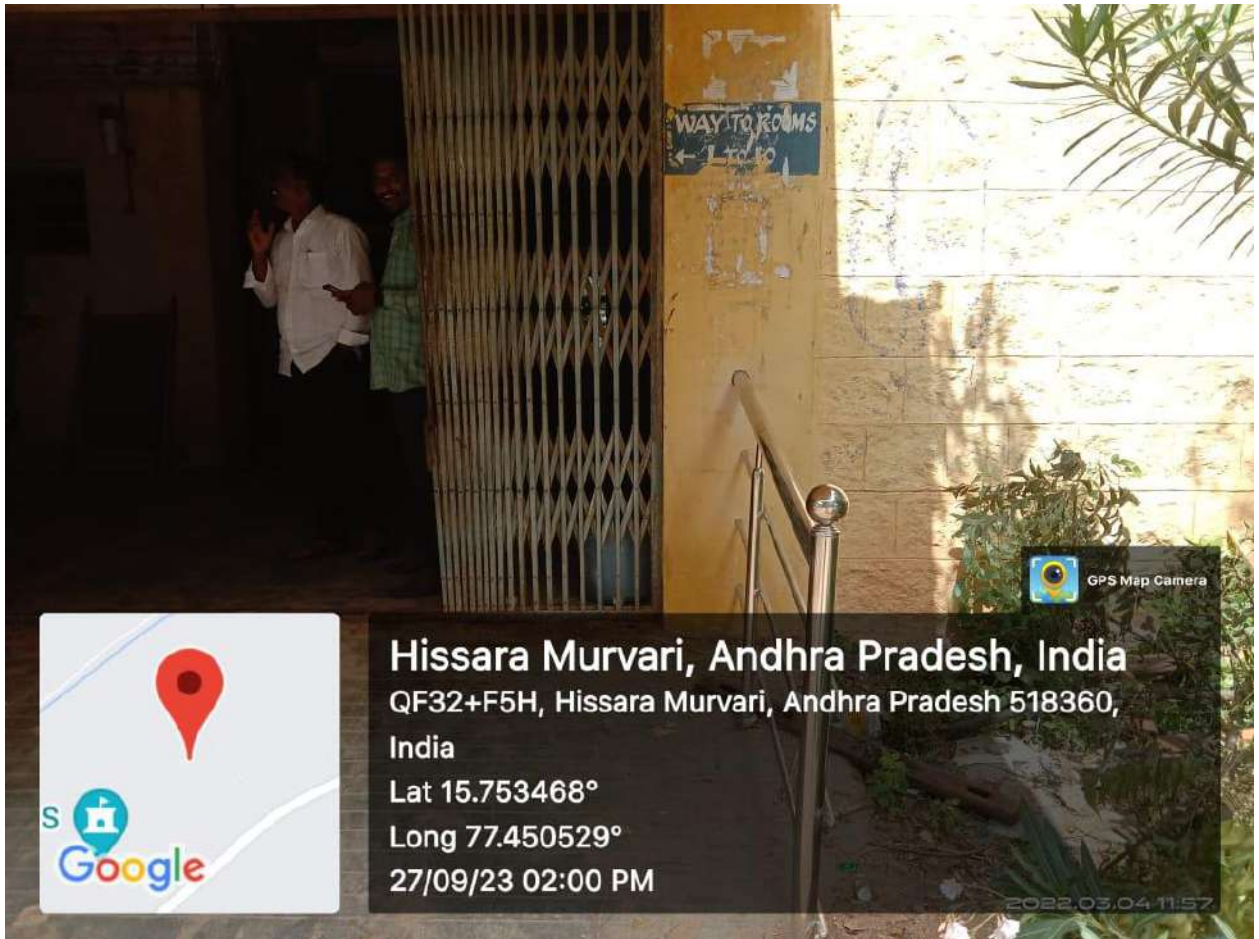
7.1.2 – 5. Disabled-friendly, barrier free environment



Hissara Murvari, Andhra Pradesh, India
QF32+F5H, Hissara Murvari, Andhra Pradesh
518360, India
Lat 15.753871°
Long 77.450458°
27/09/23 02:06 PM

2022.03.04 11:57

Railing in front of the Old building



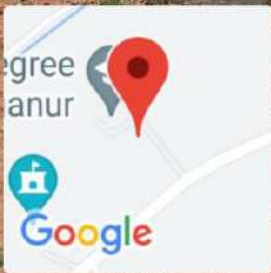
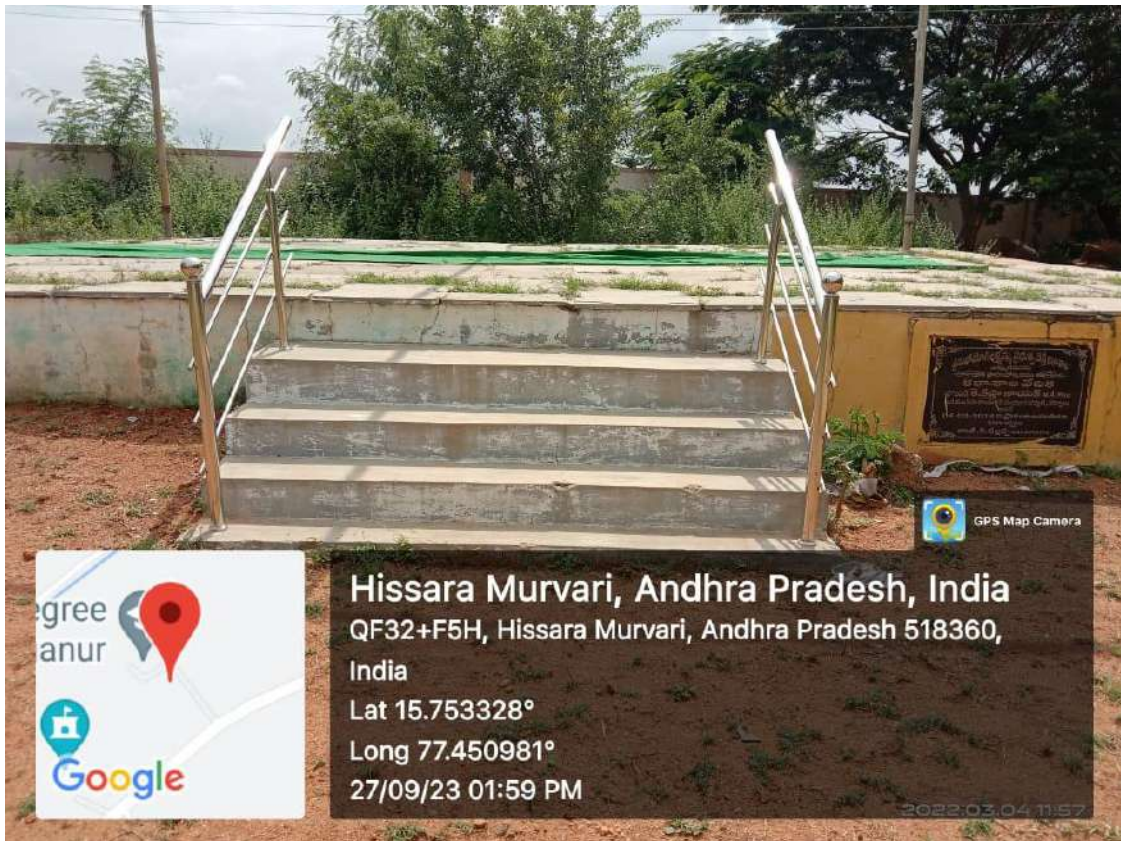
Railing at the back side of the Old building



Railing infront of the AD building



Railing infront of the Principal Chamber



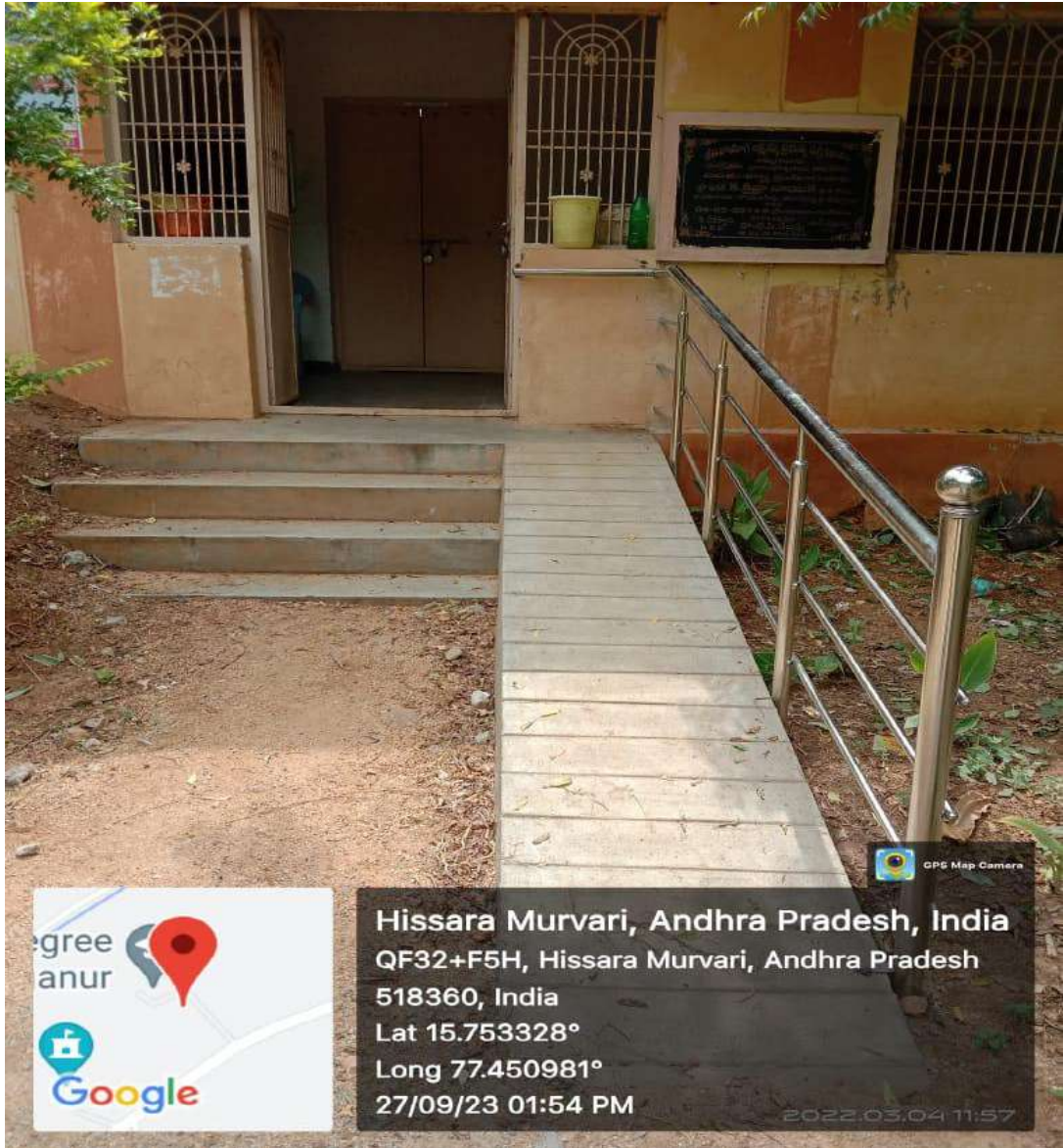
Hissara Murvari, Andhra Pradesh, India
QF32+F5H, Hissara Murvari, Andhra Pradesh 518360,
India
Lat 15.753328°
Long 77.450981°
27/09/23 01:59 PM



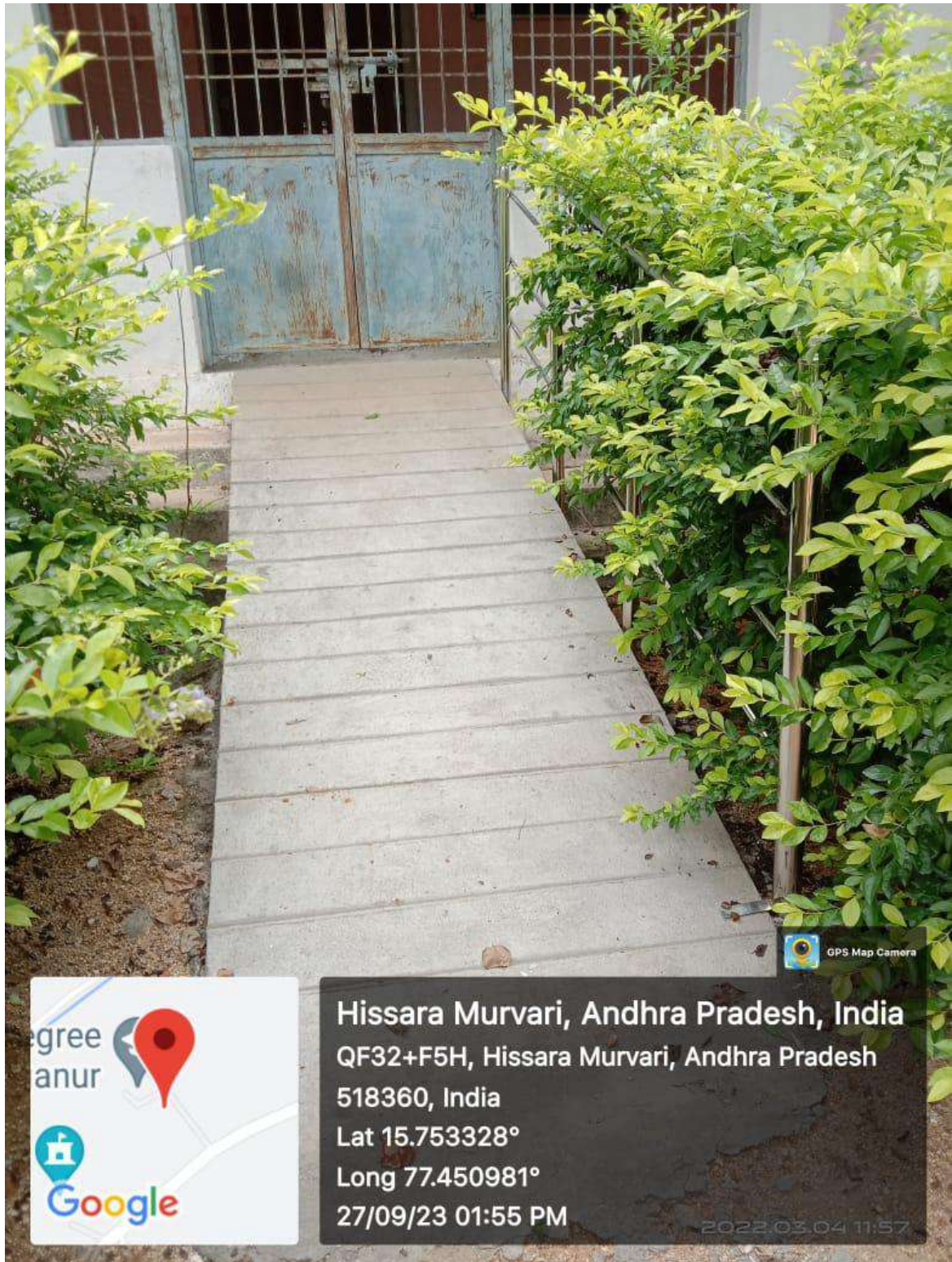
Railing near the open stage.



Railing in front of the Chemistry Department



Railing in front of the Zoology Department



Railing in front of the Physics Department