

FIELD VISIT (2021-2022) 17

CENTRAL WATER COMMISSION.

Incharge, Department of Physics M. Kithose Kumar
ch. Sreenivas Head of the department, Mathematics (Went)
visited the central water commission, Maunehal
situated at old Garimella Village beside
Godavari river on 11/4/22

The Junior received warmly
along with A.D.F. and displayed us many
instruments, their utility.

Some of the instruments shown to us were:
Ordinary Rain Gauge, Self Rotating Rain
Gauge, Evaporator, Anemometer, current
meter, Eco sounder, Trough compass and
Maxima Minima Thermometer & pH meter.
maintained by Indian Meteorological
Department.

* ordinary Rain Gauge is conventional
instrument of measuring rainfall
whereas SRRG, automatically gives a
graph of rainfall every hour.

* Evaporator gives R.F. of amount of
water evaporated if there is any
receiver around.

* Anemometer measures speed of wind
whereas current meter measures speed of
water.

* Eco sounder gives depth of sea.

Heavy Rainfall recorded in July \rightarrow 5.9cm, August \rightarrow 5.8 cm

mean slope of river - 0.00038

This year cumulative rainfall - 2555.8
+ 0.7)

River Bed is sandy.

The following students were participated

S.No	Name of the student	class year	H.T. NO.	Signature
1	D. Rohitha	3rd year	052-21-4111	D. Rohitha
2	N. Nagarani	3rd year	052-21-4121	N. Nagarani
3	K. Santhosh	2nd year MPC	052-22-4008	K. Santhosh
4	Ch. Sunil	2nd year B2C	052223205	G. Jayanth
5	D. Raju	2nd year MPC	052224105	[Signature]
6	G. Jayanth	2nd year MPC	052224004	[Signature]
7	D. Dayahar	2nd year MPC	052224104	[Signature]
8	B. Saipramod	2nd year MPC	052-22-4101	B. Saipramod
9	D. Sai	2nd year MPC	052-22-4009	D. Sai
10	B. Shekhar	2nd year MPC	052-22-4103	[Signature]
11	S. Sai Pam	II Year MPC	052-22-4011	[Signature]



GOVERNMENT OF INDIA
CENTRAL WATER COMMISSION
SALIENT FEATURES OF H.O. SITE

1. NAME	MANCHERAL
2. CODE	140007
3. DISTRICT	MANCHERAL
4. STATE	ANDHRA PRADESH
5. PIN CODE	505001
6. SECTION OFFICE	MANCHERAL
7. SUB-DIVISIONAL OFFICE	MANCHERAL
8. DIVISIONAL OFFICE	HYDRABAD
9. CIRCLE OFFICE	HYDRABAD
10. REGIONAL OFFICE	HYDRABAD
11. MAIN RIVER NAME	CRATNA
12. LATITUDE	16° 52' N
13. LONGITUDE	79° 00' E
14. ALTITUDE ABOVE M.S.L.	17250 FT
15. CATCHMENT AREA	127000 HA
16. ZERO OF GAUGE	124.310 MTP
17. BANK	EAST BANK
18. CATEGORY OF SITE	A B C D
19. DATE OF FIRST OBSERVATION	
20. TYPE OF WATER QUALITY STATION	GENERAL
21. MODE OF OBSERVATION - BY HAND/ BY BOAT/ BY CULVERT	
22. HWL WITH DATE	124.310 MTP
23. CORRESPONDING RAINFALL	38200 MM
24. LENGTH OF RIVER	127000 HA
25. WIDTH OF THE RIVER AT GAGE	124.310 MTP
26. MANCHERAL DATE	124.310 MTP



HEAD OFFICE
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Govt. Degree College,
MANCHERAL

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