

1.3.4 List of Students undergone their Community postings & Field visit

II YEAR STUDENTS LIST (2020-2021)

S.NO	NAME OF THE STUDENT	HALLTICKET NO	YEAR
1	ANJU KUMARI	19N101008001	II YEAR
2	ANKU KUMARI	19N101008002	II YEAR
3	ANSHU KUMARI.A	19N101008003	II YEAR
4	ANSHU KUMARI.S	19N101008004	II YEAR
5	B.INDIRA KARUNASREE	19N101008005	II YEAR
6	D.RESHMA	19N101008006	II YEAR
7	DEEPMALA RAJ	19N101008007	II YEAR
8	FIRDAUS PARVEEN	19N101008008	II YEAR
9	G.VANI	19N101008009	II YEAR
10	HEMARANI	19N101008011	II YEAR
11	ISHIKA BANEERJE	19N101008012	II YEAR
12	JEENA ALPHONSA JOSEPH	19N101008013	II YEAR
13	JEEVA JYOTI.J	19N101008014	II YEAR
14	JUHI SINGH	19N101008015	II YEAR
15	JYOTI KUMARI	19N101008016	II YEAR
16	KAMINI KUMARI	19N101008017	II YEAR
17	KAVITHA.P	19N101008018	II YEAR
18	KEERTHIGA.P	19N101008019	II YEAR
19	KHUSBHOO KUMARI	19N101008020	II YEAR
20	MANTASHA JAMIL	19N101008021	II YEAR
21	MONIKA PATEL	19N101008022	II YEAR
22	NAYDU KUMARI	19N101008023	II YEAR
23	NEELAM KUMARI	19N101008024	II YEAR
24	NEHA KUMARI.A	19N101008025	II YEAR
25	NEHA KUMARI.D	19N101008026	II YEAR
26	NEHA KUMARI.R	19N101008027	II YEAR
27	NEHA PRAVEEN	19N101008028	II YEAR
28	NIKKI KUMARI	19N101008029	II YEAR
29	N.MADHURI	19N101008030	II YEAR
30	NISHA KUMARI	19N101008031	II YEAR
31	NUTAN KUMARI	19N101008032	II YEAR
32	PALLAVI KUMARI	19N101008033	II YEAR
33	PALLABI CHATTERJEE	19N101008034	II YEAR
34	P.REKHA	19N101008035	II YEAR
35	PRITEE KUMARI	19N101008036	II YEAR
36	PRIYANKA RAJ	19N101008037	II YEAR
37	PUJA KUMARI.R	19N101008038	II YEAR
38	PUJA KUMARI.D	19N101008039	II YEAR

39	RABINA KUMARI	19N101008040	II YEAR
40	RASHMI KUMARI	19N101008041	II YEAR
41	RESHMI KUMARI	19N101008042	II YEAR
42	RINKU KUMARI	19N101008043	II YEAR
43	RUBINA KHATOON	19N101008044	II YEAR
44	RUPA KUMARI	19N101008045	II YEAR
45	RUPA RASHMI	19N101008046	II YEAR
46	SALINI KUMARI	19N101008047	II YEAR
47	SAMIKSHA KUMARI	19N101008048	II YEAR
48	SAPNA TUDDU	19N101008049	II YEAR
49	SHABHINA KHATOON	19N101008050	II YEAR
50	SHIVANI KUMARI	19N101008051	II YEAR
51	SHURUTI SHREYA	19N101008052	II YEAR
52	SHWATI KUMARI	19N101008053	II YEAR
53	SHWETA KUMARI	19N101008054	II YEAR
54	SONALI KUMARI	19N101008055	II YEAR
55	SONI KUMARI	19N101008056	II YEAR
56	SONU PRIYA	19N101008057	II YEAR
57	SUPRIYA KUMARI	19N101008058	II YEAR
58	THANUSHYA.P	19N101008059	II YEAR
59	USHMITHA BHATTACHARJEE	19N101008060	II YEAR
60	VARSHA KUMARI	19N101008061	II YEAR
61	VISHAKHA JAISWAL	19N101008062	II YEAR
62	Y.VEENA	19N101008063	II YEAR

Edna Pweenie.
IQAC Coordinator

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SRINIVASA EDUCATIONAL ACADEMY

38 YEARS
OF EXCELLENCE
IN EDUCATION
1984-2022



**SRI VENKATESWARA
COLLEGE OF NURSING**

Code - SVCC

Field Visit

SVCON

Recognized by Govt. A.P., and APNMC, Vijayawada
Accredited with 'A' Grade by NAAC, Bengaluru
Approved by Indian Nursing Council, New Delhi
Affiliated to Dr. N.T.R University of Health Sciences, Vijayawada.



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Ph No. +91 7729999174 | Website: www.svcon.org | Email: svcon.rvs@gmail.com

Field visit – MILK DAIRY(HERITAGE)



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ASSIGNMENT ON FIELD VISIT

Submitted TO

Mrs. M. Kavitha mam
Msc nursing, lecturer
SVCON
Chittoor.

Submitted on

21/09/2021

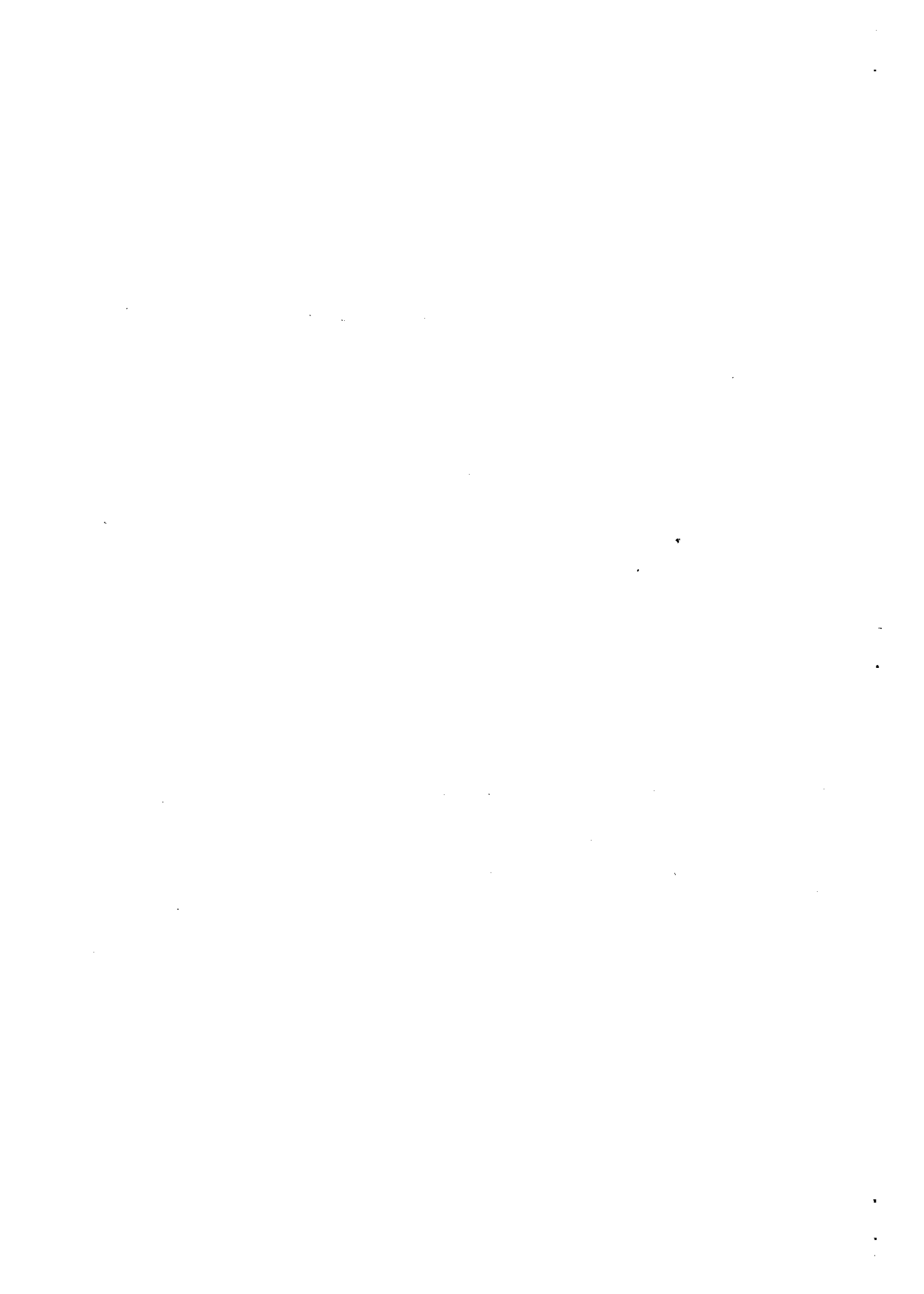
Submitted by

Pallabi chateji
II year Bsc(n)
SVCON
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M. Kavitha
24/9/21

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INTRODUCTION

My self pallabi chaterji from II year Bsc nursing so, As a part of community health nursing we went for the field trip of Mangalam water treatment plant, Traupathi, Ap on 29/09/2021, It's taken time 2 hrs to reach Traupathi from Sri Venkateswara college of nursing, Rvs nagar, chittoor.

Water purification -

Purification of water is of great importance in community medicine. It may be considered under two headings.

- 1, purification of water on a large scale -
 - i, Storage
 - ii, Filtration
 - iii, Disinfection
- 2, purification of water on a small scale -
 - i, Boiling
 - ii, chemical disinfection
 - iii, filtration
 - iv, Multi-stage reverse osmosis purification of water

Safe and wholesome water -

- a, free from pathogenic agents
- b, free from harmful chemical substances

c. pleasant to the taste, i.e., free from colour and odour: and

d. Usable for domestic purposes.

water requirement -

→ The basic physiological requirements for drinking water have been estimated at about 2 litres per head per day. This is just for survival.

→ But from the standpoint of public health and improvement of the quality of life, water should be provided in adequate volume.

→ A daily supply of 150-200 litres of water supply per capita is considered as an adequate supply to meet the needs for all urban domestic purposes.

→ In India 40 litres of water supply per capita per day was the set target to be achieved in rural areas.

Uses of water -

1, Domestic use: at domestic front, water is required for drinking, cooking, washing and bathing, flushing of toilets, gardening etc.

2, public purposes: cleaning streets, recreational purposes like swimming pools, public fountains and ornamental ponds, flood protection and

public parks.

3, Industrial purpose: for processing and cooling

4, Agricultural purpose: Irrigation

5, power production from hydropower and steam power.

Sources of water supply -

1, Rain

2, Surface water

Impounding reservoirs

Rivers and streams

Tanks, ponds and lakes

3, Ground water

Shallow wells

Deep wells

Springs.

FIELD TRIP ON WATER PURIFICATION PLANT

FILTER HOUSE

Filtration plant (31-50 MLD)

- a, filter house filtering area - 320 sqm
- b, clarifloculator
- c, flocculation zone
- d, wash water tank
- e, stilling chamber
- f, flash mixer
- g, chemical house

Mechanical Equipment -

- a, Air blowers
Capacity - 2.2 HP
Make - ~~frimer~~
- b, wash water tank pumps
Capacity - 1-10 HP - 1-750 HP
make - KPIBOKAE
- c, clarifloculator - pumps
Capacity - 1-3 HP, 4-1 HP
make - KPIBOKAE
- d, flush mixer pumps
Capacity - 1 HP
make - frimer

laboratory equipments

- 1, PH → provide hydrogen activity
- 2, TDS → total dissolved solids
- 3, EC → Electrolytic conductivity
- 4, T → Turbidity
- 5, RC → Residual chlorine

PHYSICAL AND CHEMICAL PARAMETERS OF DRINKING WATER

SNo	CHARACTERISTIC	ACCEPTABLE	CAUSE OF REJECTION
1	Turbidity	1	10
2	Colour	5	
3	Taste and odour	un objectional	un objectional
4	pH	7.0 to 8.5	< 6.5 or > 8.2
5	Total dissolved Solids (mg/l)	500	2000
6	Total hardness as CaCO ₃ (mg/l)	200	600
7	Chlorides (as Cl) (mg/l)	200	3000
8	Sulphate (as SO ₄) (mg/l)	200	400
9	Fluoride (as F) (mg/l)	1.0	1.5
10	Nitrate (as NO ₃) (mg/l)	4.5	45
11	Calcium (as Ca) (mg/l)	75	200
12	Magnesium (as Mg) (mg/l)	5:30	150
13	Iron (as Fe) (mg/l)	0.1	1.0

14	Manganese (as mn) (mg/l)	0.05	0.5
15	Copper (as cu) (mg/l)	0.05	1.5
16,	Aluminium (as Al) (mg/l)	0.3	0.2
17,	Alkalinity (mg/l)	200	600
18,	Residual chlorine (mg/l)	0.2	71.0
19,	Zinc (as zn) (mg/l)	5.0	15.0
20,	phenolic (mg/l)	0.001	0.002
21,	Anionic detergent (mg/l) MBAs)	0.2	1.0
22,	Mineral oil (mg/l)	0.01	0.03

Toxic material

23,	Arsenic (as As) (mg/l)	0.01	0.05
24,	Cadmium as (d) (mg/l)	0.01	0.01
25,	Cyanides as (N) (mg/l)	0.05	0.05
26,	Chromium as hexavalent (Cr) (mg/l)	0.05	0.05
27,	Lead (as pb) (mg/l)	0.05	0.05
28,	Selenium (as se) (mg/l)	0.61	0.01
29,	Mercury (total as Hg) (mg/l)	0.001	0.001

30.	poly nuclear aromatic hydrocarbon (PAH)	0.2	0.2
31.	pesticide (total mg/l)	Absent	-



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