

115
Telangana Social Welfare Residential
Degree College for Women,
Mancherial

Department of Physics

ACADEMIC YEAR

2020-2021

From : 13.02.2021 to 29.02.2021

Duration : 30 Hours.

Time : 5:10 to 7:10 pm

course co-ordinator : Rizwana Begum

Resource person : 1. Rizwana Begum
Lect in physics
TSWRDC(W) Mancherial
2. K. Padma
Lect in physics
TSWRDC(W) Mancherial

course code : PHY 301

Date - 09-02-2021

DEPARTMENT OF PHYSICS

Permission letter

To

The principal

TSWRDC(W),

Mancherial,

Madam.

Sub: Permission to start certificate course in our college.....Req.Reg.

Anent to the subject cited, we the department of PHYSICS would like to begin a certificate course on "PHYSICS PORTION OF GENERAL SCIENCE" for the academic year 2020-21 for students gain the knowledge of higher education and competitive exams.

Kindly grant us permission to proceed

Thank you Madam,

Yours sincerely

Department of Physics

Rizwana Begum 

K.Padma


PRINCIPAL
TSWRDC(W), MANCHERIAL

Date: 09-02-2021

RIZWANA

BEGUM,

Head of the

Department,

Department of


Physics.


CIRCULAR

All the students are hereby informed that, we the department of Physics are planning to start a certificate course on "Physics portion of general science" for the period of 30 hours, during zero hours ~~4~~ 5:10 to 6:10 pm on all working days.

Hence interested students can enroll their names with the Department of Physics and utilize the opportunity to its best.

Incharge

Rizwana Begum - 


PRINCIPAL

PRINCIPAL
TGSWRDC(W), MANCHERIA
Dist: Mancherial

Telangana social welfare Residential Degree

U8 College for women, mancherial

Add on course: physics portion of general science (2020-2021)

Course Syllabus:

- Units and Dimensions
- Work, Energy and power
- Gravitation
- Surface Tension
- Viscosity
- Elasticity
- Simple Harmonic Motion
- Waves
- Heat and Thermodynamics
- Light
- Static Electricity
- Current Electricity
- Magnetism
- Atomic and Nuclear Physics
- Radioactivity
- Nuclear fission and fusion
- Electromagnetism

Reference books:

Mechanics - DS Mathoor


Electricity & magnetism - DC Thyal

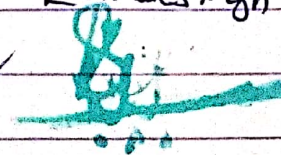
Solid state devices & Electronics - Kamal Singh

Fundamentals of Atomic & molecular

Spectroscopy - Pampal Sharma

Department of physics

Rizwana Begum - 




PRINCIPAL
TSWRDC(W), MANCHERIAL

Telangana social welfare Residential Degree college
for women Mancherla
add on course : physics portion of general science⁰⁹ (2020-2021)

OBJECTIVES :

- General Science is the study of life, earth, and Physical sciences. It includes chemistry, biology, Physics, space science and Technology etc.
- General science plays an important role in preparation for competitive examinations. This pursuit of knowledge that covers truths of fundamental laws.
- This add on course / certificate course deals with physics part of General science for competitive Exams.
- The aim and objectives of this course is to acquire knowledge conceptual understanding, and skills to solve problems and make students ready to attempt any competitive exam.

Department of Physics
Rizwana Begum - (B)


PRINCIPAL
TSWRDC(W), MANCHERIAL

GENERAL SCIENCE MCQS

1. What are the unit for measuring intensity of light?
A) Candela B) Light year C) Meter D) Mole
2. Which of the following is not a system of units?
A) MKS B) SI C) CGC d) deebieal
3. The rate of the doing work is called _____?
A) Force B) Acceleration C) Power D) Displacement
4. Unit of energy?
A) Force B) Acceleration C) Power D) Displacement
5. The earth's atmosphere is hold by the _____?
A) Wind B) Clouds C) Earth's magnetic field D) Grating
6. Raindrops are spherical in shape because of _____?
A) Capillary B) Surface tension to gravity C) Downward motion
D) Acceleration
7. The friction in a flowing fluid is called _____?
A) Density B) Surface C) Viscosity D) None of the above
8. With the rise of the temperature, the viscosity of liquid?
A) Increases B) Decreases C) Remains unchanged
D) May be increases or decreases depending on nature of liquid
9. In the hysteresis cycle the value of H needed to the make the intensity of magnetization zero is called _____?
A) Relativity B) Coercive force C) Lorentz force D) Eddy current
10. Electric current originates from which part of an atom?
A) Nucleus B) Entire atom acting as a unit C) Positively charged protons
D) Negatively charged e-
11. A horse -shoe magnet is an example of _____?

A) Natural magnet B) Artificial magnet

C) Neither natural nor artificial D) None

12. If the radius of Bohr's first orbit is a_0 , what is the radius of the n th orbit?

A) na_0 B) a_0/n C) n^2a_0 D) a_0/n^2

13. The atomic number is not changed by which type of radioactive decay?

A) Beta B) Gamma C) Alpha D) None

14. Which of the following elements is readily available in ordinary water?

A) Cesium B) Thorium C) Deuterium D) Astatine

15. A liquid has only

A) Shear modulus B) Young's modulus C) Bulk modulus

D) All of the above

16. The property of a body by virtue of which it tends to regain its original size and shape when the applied force is removed is known as _____?

A) Elasticity B) Plasticity C) Viscosity D) Rigidity

17. With propagation of longitudinal waves through a medium the quantity transmitted is _____?

A) Matter B) Energy C) Energy and matter D) None

18. In which process heat absorbed or released by a system is zero?

A) Isobaric process B) Isothermic process C) Adiabatic process

D) None

19. Focal length of plane mirror is _____?

A) At infinity B) Zero C) Negative D) Positive

20. What is the unit of current?

A) Ampere B) Volt C) Ampere/volt D) Ampere m^2

Telangana social welfare residential degree college
 for women, mancherial
 Add on course: physics portion of general science (2020-21)

List of students:

S.No	Name of the student	Group	YEAR	Initials
1	Angala Lavanya	MPC	III	A. Lavanya
2	Bachu Keertana	MPC	III	B. Keertana
3	Borkut Aparna	MPC	III	B. Aparna
4	Borkut Vandana	MPC	III	B. Vandana
5	Chindam Archana	MPC	III	C. Archana
6	Debba Shravya	MPC	III	D. Shravya
7	Durgam Mabeendra	MPC	III	D. Mabeendra
8	Gogarla Anusha	MPC	III	G. Anusha
9	JPPa SandhyaRani	MPC	III	J. Sandhya
10	Jadav Swapna	MPC	III	J. Swapna
11	Jadi Mamatha	MPC	III	J. Mamatha
12	Jadi pravalika	MPC	III	J. Pravalika
13	Jummioti Archana	MPC	III	J. Archana
14	Jummioti Anjali	MPC	III	J. Anjali
15	Katela Sridevi	MPC	III	K. Sridevi
16	Katterla Soujanya	MPC	III	K. Soujanya
17	Komakula Silekha	MPC	III	K. Silekha
18	Konda Sravani	MPC	III	K. Sravani
19	Lenduguri Anusha	MPC	III	L. Anusha
20	Muthe Mounika	MPC	III	M. Mounika
21	Nalla Soujanya	MPC	III	N. Soujanya
22	Pallem Rajeshwari	MPC	III	P. Rajeshwari
23	PASikanti Soumya Sri	MPC	III	P. Soumya
24	Poosam Shirisha	MPC	III	P. Shirisha
25	Racharla Soumya	MPC	III	R. Soumya
26	Ramagiri Mounika	MPC	III	R. Mounika
27	Sani Teepula Mounika	MPC	III	T. Mounika
28	Thoka Ravali	MPC	III	T. Ravali
29	Vollala Pravalika	MPC	III	V. Pravalika
30	Ravatenki sammakka	MPC	II	R. Sammakka

Rizwana Begum -

PRINCIPAL
 TSWRDCW, MANCHERIAL

Telangana social welfare residential degree college
for women, mancherhal.

Telangana Social Welfare Residential Degree
for women Mancherhal

Add on course & physics portion of general science (3000)

Add On Course on Physics portion of general science
2020-21

Sl No	Group Year	HT No	Student Name	13/10/20	14/10/20	15/10/20	16/10/20	17/10/20	18/10/20	19/10/20	20/10/20	21/10/20	22/10/20	23/10/20	24/10/20	25/10/20	26/10/20	27/10/20	28/10/20	29/10/20	30/10/20	Signature
1	MPC-III ¹²	635-19-4001	B. Lavanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Lavanya
2	MPC-III	635-19-4002	B. Keerthana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Keerthana
3	MPC-III	4005	B. Aparna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Aparna
4	MPC-III	4004	B. Vandana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Vandana
5	MPC-III	4005	Ch. Archana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	Ch. Archana
		4006	D. Sangeetha	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
6	"	4007	D. Shrayya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	D. Shrayya
7	"	4008	D. Mabeendra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	D. Mabeendra
8	"	4009	G. Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	G. Anusha
9	"	4010	T. Sandhya Rani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Sandhya Rani
10	"	4012	T. Swapna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Swapna
11	"	4013	T. Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Pravalika
12	"	4014	T. Pragya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Pragya
13	"	4015	T. Archana	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Archana
14	"	4016	T. Anjali	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	T. Anjali
15	"	4018	K. Sridevi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	K. Sridevi
16	"	4019	K. Soujanya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	K. Soujanya
17	"	4020	K. Silekha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	K. Silekha
18	"	4021	K. Savari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	K. Savari
19	"	4022	L. Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	L. Anusha
20	"	4023	M. Moumika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M. Moumika
21	"	4024	N. Soujanya	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
22	"	4025	P. Rajeshwari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Rajeshwari
23	"	4026	P. Saumyasri	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Saumyasri
24	"	4028	P. Shrishta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Shrishta
25	"	4029	Rachata Soumya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	R. Soumya
26	"	4030	R. Moumika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	R. Moumika
27	"	4033	T. Moumika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Moumika
28	"	4034	T. Ravali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Ravali
29	"	4035	V. Pravalika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	V. Pravalika
30	"	635-20-4026	R. Samraksha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	R. Samraksha

Rizwana Begum -

PRINCIPAL
TSWRDCWJ, MANCHERHAL

Rizwana Begum

PRINCIPAL
TSWRDCWJ, MANCHERHAL

Telangana social welfare residential degree college
for women, Mancherial.

Add on course: physics portion of general science (2020-21)
Evaluation

S.No	Group & year	H.T NO	Student Name	Marks	Signature
1	MPC-III yr	635-19-4001	A. Lavanya	18	A. Lavanya
2	MPC-III	635-19-4002	B. Keerthana	18	B. Keerthana
3	MPC-III	4003	B. Aparna	17	B. Aparna
4	MPC-III	4004	B. Vandana	17	B. Vandana
5	MPC-III	4005	CH. Archana	18	C. Archana
6	MPC-III	4007	D. Shrayya	18	D. Shrayya
7	MPC-III	4008	D. Maheendra	17	D. Maheendra
8	MPC-III	4009	G. Anusha	18	G. Anusha
9	MPC-III	4010	I. Sandhyaarani	18	I. Sandhyaarani
10	MPC-III	4012	J. Swapna	18	J. Swapna
11	MPC-III	4013	J. Pravalika	14	J. Pravalika
12	MPC-III	4014	J. Priyanka	16	J. Priyanka
13	MPC-III	4015	J. Archana	16	J. Archana
14	MPC-III	4016	J. Anjali	19	J. Anjali
15	MPC-III	4018	K. Sridevi	19	K. Sridevi
16	MPC-III	4019	K. Soujanya	19	K. Soujanya
17	MPC-III	4020	K. Srilekha	19	K. Srilekha
18	MPC-III	4021	K. Sravani	16	K. Sravani
19	MPC-III	4022	L. Anusha	17	L. Anusha
20	MPC-III	4023	M. Mounika	17	M. Mounika
21	MPC-III	4024	N. Soujanya	16	N. Soujanya
22	MPC-III	4025	P. Rajeshwari	19	P. Rajeshwari
23	MPC-III	4026	P. Soumyasri	19	P. Soumyasri
24	MPC-III	4028	P. Shirisha	18	P. Shirisha
25	MPC-III	4029	R. Soumya	18	R. Soumya
26	MPC-III	4030	R. Mounika	20	R. Mounika
27	MPC-III	4033	T. Mounika	18	T. Mounika
28	MPC-III	4034	T. Raval	17	T. Raval
29	MPC-III	4035	V. Pravalika	18	V. Pravalika
30	MPC-II	635-20-4026	R. Samrakka	17	R. Samrakka
	Rizwana Begum -				

PRINCIPAL
TSWRDG(W), MANCHERIAL

-21) Add on course: physics portion of general science (2020-21)

Student feedback



S.No	Group year	H.T.No	Student Name	Student feedback
1	MPC-III Yr	635-19-4001	A. Lavanya	Very help full for competitive exams
2		635-19-4002	B. Keerthana	Knowledge full help
3		4003	B. Aparna	help Full for competitive exams
4		4004	B. Vandana	help full for higher education
5		4005	CH. Archana	To gain knowledge
6		4007	D. Shrayya	use full for higher education
7		4008	D. Maheendra	To acquire knowledge
8		4009	G. Anusha	Knowledge full help
9		4010	T. Sandhya Rani	helpfull for competitive exams
10		4012	J. Swapna	To acquire knowledge
11		4013	J. Pravalika	To gain knowledge
12		4014	J. Priyanka	help full for higher studies
13		4015	J. Archana	To acquire knowledge
14		4016	J. Anjali	help full for higher education
15		4018	K. Sridevi	Usefull for higher education
16		4019	K. Soujanya	To Gain knowledge
17		4020	K. Silekha	helpfull for competitive exams
18		4021	K. Sravani	to acquire knowledge
19		4022	L. Anusha	To acquire knowledge
20		4023	M. Mounika	To Gain knowledge
21		4024	N. Soujanya	Very helpful for competitive exams
22		4025	P. Rajeshwari	helpful for higher education
23		4026	P. Soumyasri	To acquire knowledge
24		4028	P. Shrisisha	helpfull for competitive exams
25		4029	R. Soumya	To Gain knowledge
26		4030	R. Mounika	To acquire knowledge
27		4033	T. Mounika	help full for higher education
28		4034	T. Ravi	knowledge full help
29		4035	V. Pravalika	usefull for higher education
30		635-20-4026	R. Samrakka	help full for higher education
			Rizwana Begum - (B)	

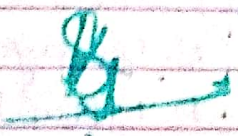
PRINCIPAL
TSWRDC(W), MANCHERIAL

Relangana social welfare residential degree college
for women, Mancherial
16
-Add on course: physics portion of general science (annual)
Report of the course

Department of physics, of TSWRDC(W), Mancherial has conducted a certificate course on "Physics portion of General Science - for Competitive Exams". The duration of the course is 30 mths which was started on 13th Feb, 2021 and ended on 29th Feb, 21. The total no of students registered for this course were 30. The course was taught under the supervision of Rizwana Begum and K. Padma. The purpose of organizing this course was to make the students prepared for any competitive exam with the knowledge of General science, which was given by this course.

After completing this course students had attended an Exam for 50 marks. All were performed well and certificates were distributed to the students, who qualified the exam by the principal Dr. CH. Saritha Subhashini. No. of students qualified this course are 27.

Faculty of physics dept.
Rizwana Begum (H.O.D) - 
K. Padma (Faculty) - 


PRINCIPAL
'SWRDC(W), MANCHERIA'

Telangana Social Welfare Residential Degree College
for Women, Mancherial

Add on course : Physics portion of General Science (2020-21)



CONDUCTION OF CLASSES

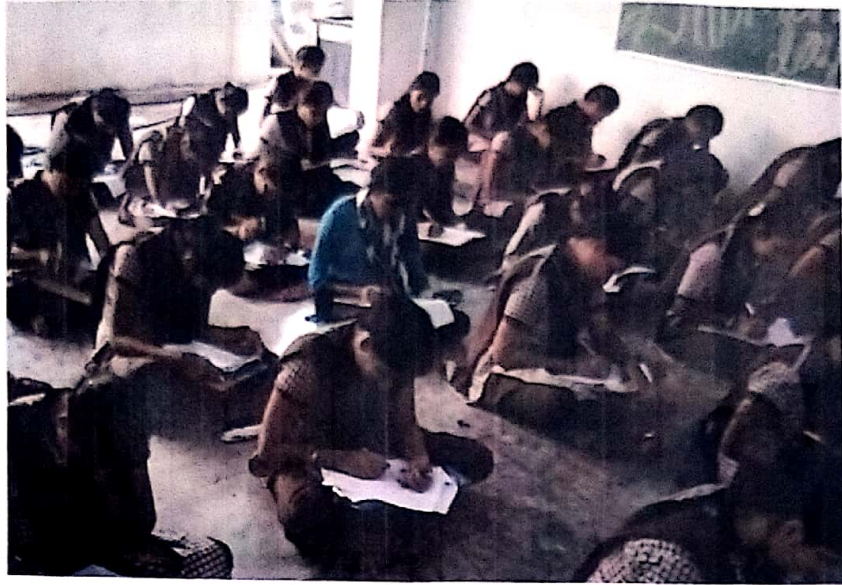
Rizwana Begum
K. Padma Ray


PRINCIPAL
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Telangana Social Welfare Residential Degree
College for Women, Mancherla.

18

Add on course : Physics portion of general science (2020-21)



CONDUCTION OF EXAM

Rizwana Begum - Dy
K. Padma - Dy


PRINCIPAL
TSWRDC(W), MANCHERLA

Telangana Social Welfare Residential Degree
College for women, Mancherla
Add on course: physics portion of general science (2020-21)



Closing ceremony

Rizwana Begum - B

K. Padma Reddy

PRINCIPAL

TSWRDC(W), MANCHERLA

2020-21

39

Telangana Social Welfare Residential
Degree College for Women (635)

Mancherial, Dist: Mancherial

Department of Botany

Certificate Course 2020-21

On

"Organic Manures"

From 08-3-2021 to 24-3-2021

COURSE CODE - BOT 502

DURATION - 30 HOURS

NO. OF STUDENTS : 30



PRINCIPAL
TSWRDC(W), MANCHERIAL

2020-21

TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(635), MANCHERIAL, DIST: MANCHERIAL.

PERMISSION LETTER
CERTIFICATE COURSE - BOT 502

Mancherial

To
The principal
TSWRDC (W) MNCL
Mancherial

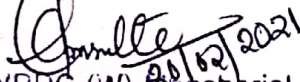
Sub: Grant permission for conducting Certificate Course on Organic Manures for the academic year 2020-2021 by the Department of Botany, req-reg;

With reference to the subject cited above, the Department of Botany intended to conduct a certificate course is from Organic Manures from Date:08-03-2021 with a duration of 30 hrs. This certificate course is a part of experiential learning which may develop skills and enhance the knowledge which can be applied for improving agricultural practices.

Hence, I request you to grant me permission to start the certificate course.

Thank You Madam

Yours Sincerely


TSWRDC (W) Mancherial
Department of Botany
Department of Botany.




PRINCIPAL
TSWRDC (W)
MANCHERIAL


2020-21

CIRCULAR FOR INVITING APPLICATION/ENROLMENT INTO CERTIFICATE
COURSE, DEPARTMENT OF BOTANY
TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(635), MANCHERIAL, DIST: MANCHERIAL.

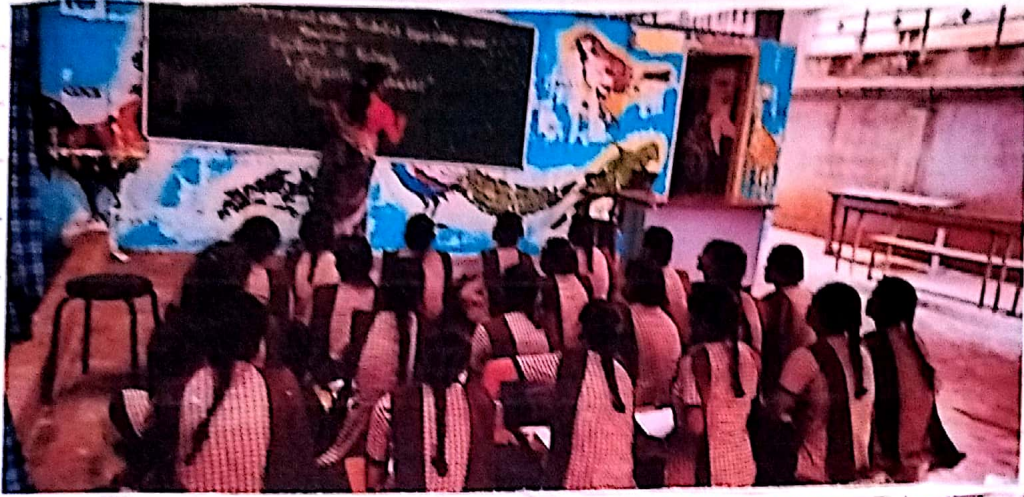
Date:20-02-2021

All the students of BZC I, II & III Yr. are informed that, Department of Botany is going to conduct certificate course on Organic Manures with a duration of 30 hrs. Interested students may enroll their names on or within 04-03-2021. The start date of certificate course is 08-03-2021.


20/02/2021
Department of Botany.
TSWRDC (W) Mancherial
Department of Botany

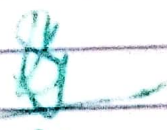

PRINCIPAL
TSWRDC (W)
MANCHERIAL

Telangana Social Welfare Residential Degree
College for women (635) Mancherla
Department of Botany
Certificate Course on Organic Manures
Inaugural Ceremony



Gmsulle

TSWRDC (W) Mancherla
Department of Botany



PRINCIPAL
TSWRDC(W), MANGHERIAL

Telangana Social Welfare Residential Degree
College for Women (635) Mancherhal?

2020-2021

Certificate Course on "Organic Manures"
By

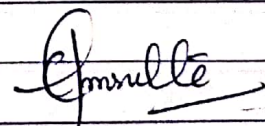
Department of Botany

Aims :

To develop knowledge and skills in
preparation of organic manures and its
usage for improving the crop production

Objectives :

The course is aimed to teach production and
application of different compost and biofertilizers
along with certification process and marketing of
organically cultivated agricultural products to
promote self-employment and income generation.



TSWRDC (W) Mancherhal
Department of Botany



PRINCIPAL
TSWRDC(W), MANCHERIAL

2020-21

**TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(635) MANCHERIAL, DIST: MANCHERIAL**

**DEPARTMENT OF BOTANY
ORGANIC MANURES SYLLABUS
COURSE DURATION – 30 Hrs.**

UNIT-1: Organic Manure and their Importance 6 hours

• Classification and importance of organic manures, properties and methods of preparation of bulky manures. • Green/leaf manuring. • Transformation reactions of organic manures in soil and importance of C:N ratio in rate of decomposition

UNIT-2 Integrated Nutrient Management 6 hours


• Integrated nutrient management. • Chemical fertilizers: classification, composition and properties of major nitrogenous, phosphatic, potassic fertilizers, secondary & micronutrient fertilizers, • Complex fertilizers, nano-fertilizers, Soil amendments, Fertilizer Storage, Fertilizer Control Order

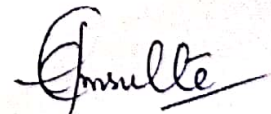
UNIT-3 Role of nutrients in plants and Mechanism 8 hours

• History of soil fertility and plant nutrition. • Criteria of essentiality. Role, deficiency and toxicity symptoms of essential plant nutrients, • Mechanisms of nutrient transport to plants, factors affecting nutrient availability to plants. • Chemistry of soil nitrogen, phosphorus, potassium, calcium, magnesium, sulphur and micronutrients

UNIT-4 Method Fertilizer Application 8 hours

• Soil fertility evaluation, Soil testing. • Critical levels of different nutrients in soil. • Forms of nutrients in soil, plant analysis, rapid plant tissue tests. Indicator plants. • Methods of fertilizer recommendations to crops. • Factor influencing nutrient use efficiency (NUE), • Methods of application under rainfed and irrigated conditions


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Department of Botany**

2020-2021

TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(635), MANCHERIAL, DIST: MANCHERIAL.
DEPARTMENT OF BOTANY
EXAMINATION ON CERTIFICATE COURSE
ORGANIC MANURES

MARKS:25 MARKS

DURATION:1 HOUR

NAME OF THE STUDENT:

HALL TICKET NUMBER:

COUSE/GROUP & YEAR:

I. MULTIPLE CHOICE TYPE QUESTIONS:

1. In NPK, P Stands for.....

- A. Phosphorus b.Potassium c.Palladium d.Plumbum

2. Use of the earthworms in manure preparation is called.....

- A. Green composting b.Dry composting
B. Vemi composting d.Worm composting

3. The family plants are used mostly for green manure...

- A. Malvaceae b. Fabaceae c. Asteraceae d .Rutaceae

4. Decomposition of organic material forming a brown substance is called?

- A. Humidification b.Desertification c.Purification d.Nitrification

5. Use of green plant tissue as manure is called?

- A.Plant manure b.Green manure c.red manure d.Black manure

6. This machine helps in mixing of manure and provides oxygen to the manure...

- A.Oximeter b.Areometer c.aerotiller d.Oxygenometer

7. Phosphate Mobilizing microorganism

- A.Fraturia ausintia b.E.Coli c.Yeast d.Spirogyra

8. Nitrogen Fixing microorganisms are.....

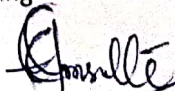
- A. Rhizobium b.Streptomyces c.Diplococcus d.Rhodospirillum


9. During organic manure preparation,Compost must be cured for...

- A. 15 Days B. 20 Days C.25 Days D.10 Days

10.The process through which compost or waste material is transformed to manure?

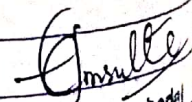
- A. A.Composting B.Dumping C.Pitting D.Burning



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Telangana Social Welfare Residential Degree College for Women (635) ⁵⁴ **CERTIFICATE COURSE - 2020-21**
Student Evaluation on Organic Manure

S.No	Hall	Ticket No	Name of the student	marks
01	635-19	3001	Akudari Jhansi	24
02		3002	Banda swetha	22
03		3003	Bude mamatha	25
04		3004	Dasari supriya	23
05		3005	Duguta vardhini	22
06		3006	Duggam Mamatha	22
07		3008	Etikyala Hemalatha	23
08		3009	Garla sravanthi	22
09		3010	Garavandula kavya	24
10		3011	Erone Nayasri	24
11		3012	Gularath Ashwini	23
12		3015	kota Rajeshwari	22
13		3016	kummare sridevi	22
14		3017	Maddela Mounika	23
15		3019	Nikadi Mounika	22
16		3020	Parsha shireesha	21
17		3021	Pogula Lavanya	24
18		3022	sundilla prashanthi	21
19		3023	Ramtenki sushmitha	23
20		3024	Ramtenki swarnjali	23
21		3025	Rathnam Mounika	21
22		3026	Routhu prathysha	22
23		3027	kondagarla Sampathi	24
24		3029	Amula shireesha	23
25		3030	Mudumadugula swathi	20
26		3031	Thara de Ajitha	22
27		3032	Thallapalli Anusha	22
28		3033	Thatikonda Thiriveni	21
29		3035	Tone chireesha	23
30		3036	vairagade srilatha	24


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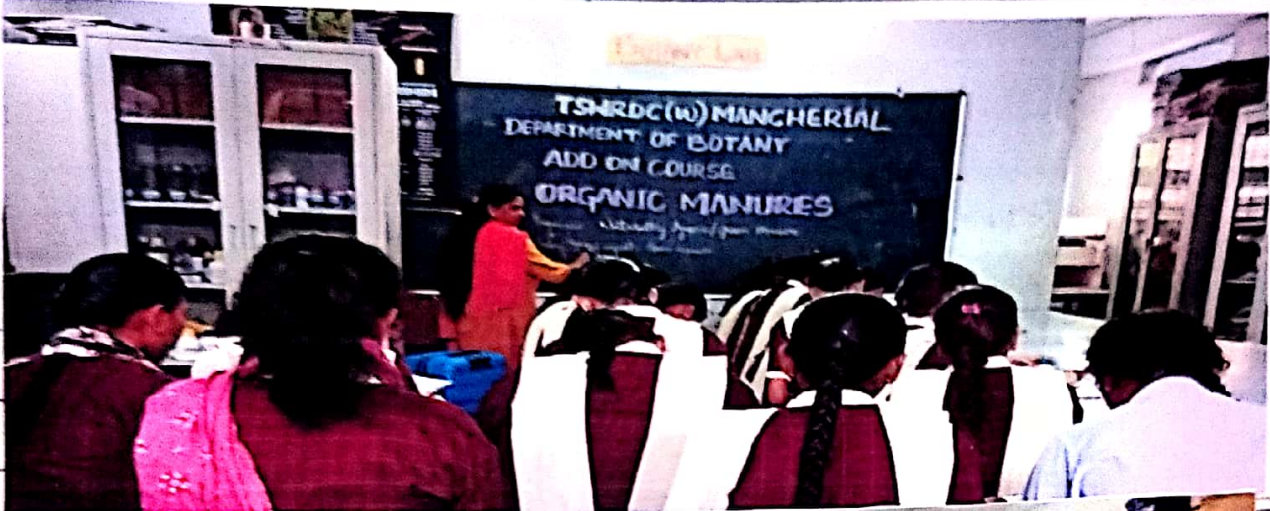

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Conducting classes.

55

Classes on Organic Manures
Certificate Course



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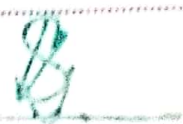


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College Road, Mancherial, Dist : Mancherial - 504 208

CERTIFICATE OF COMPLETION

This Certificate is presented to Kum **DURGAM MAMATHA** of
Class **BZC-III** Year **2020-21** for Successfully Completing the Certificate Course
in **"ORGANIC MANURES"** from **8/3/2021** to **24/3/21**
..... organised by the Department of **BOTANY**


Coordinator
TSWRDC (W) Mancherial
Department of Botany


Principal
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CERTIFICATE OF COMPLETION

This Certificate is presented to Kum **ETIKYALA HEMALATHA** of
Class **BZC-III** Year **2020-21** for Successfully Completing the Certificate Course
in **"ORGANIC MANURES"** from **8/3/2021** to **24/3/2021**
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TSWRDC (W) Mancherial
Department of Botany


Principal
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CERTIFICATE OF COMPLETION

This Certificate is presented to Kum. **GONE NAVYASRI** of
Class **BZC-III** Year **2020-21** for Successfully Completing the Certificate Course
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CERTIFICATE OF COMPLETION

This Certificate is presented to Kum. **GUGLAVATH ASHWINI**
Class **BZC-III** Year **2020-21** for Successfully Completing the Certificate Course
in **"ORGANIC MANURES"** from **8/3/2021** to **24/3/21**
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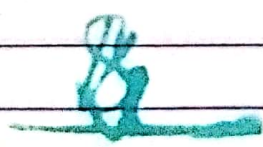
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Telangana Social Welfare Residential Degree College For women. (635) Mancherial

Department of Botany
Certificate Distribution photos
Organic Manures



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Department of Botany

Certificate Course - Organic manures 2020-2021

Closing Ceremony

53

* We hope you enjoyed the add on course by attending all the classes.

* Thank you all for making programme success and also thank you for coming to our add on course.

* We have come a long way since the last time we were all together.

* Before, we all head out, I would like to thank everyone who should interest in attending add on course.



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No	Roll Number	Name of the student	Group	Student Feedback	Signature
01	3001	Dhruvan Chavasi	B2c III yr	Learned to use bio-waste for organic manures production	A. Thonis
02	3002	Bamla Sushra	B2c III yr	Useful. This organic manures knowledge in our daily life	Banda Sushra
03	3002	Bande Mamatha	B2c III yr	Learned about organic manures	B. Mamatha
04	3004	Darshi Supriya	B2c III yr	Useful for organic farming	D. Supriya
05	3005	Digula Vardhini	B2c III yr	Useful for chemical free organic farming	D. Vardhini
06	3006	Durgan Mamatha	B2c III yr	By using organic manures and very useful for organic farming	K. Harshada
07	3008	Ethiyala Hemalatha	B2c III yr	Organic manures helps to maintain soil fertility	G. Sravanthi
08	3009	Grifa Saurabh	B2c III yr	Learned to use bio-waste for organic manures production	G. Karva
09	3010	Govandula Kavya	B2c III yr	Learned organic manures types and importance to develop them	G. Naganani
10	3011	Gone Dhanraj	B2c III yr	Useful for organic farming	G. Anusua
11	3012	Guglawthi Dhanani	B2c III yr	Informative course useful in daily life	T. Rajitha
12	3015	Gunugunt Rajitha	B2c III yr	Organic manures helps to maintain soil fertility	T. Sridhi
13	3016	Kalyanapu Sindhu	B2c III yr	Learned organic manures types and importance and to develop them	M. Mounika
14	3017	Maddala Mounika	B2c III yr	Useful for chemical free organic farming	N. Mounika
15	3019	Masani Mounika	B2c III yr	Useful for chemical free organic farming	P. Shwetha
16	3020	Partha Shreevika	B2c III yr	Useful for chemical free organic farming	P. Sushmita
17	3021	Pogula Lavanya	B2c III yr	Useful for chemical free organic farming	P. Lavanya
18	3022	Sundella Prashanth	B2c III yr	Useful for chemical free organic farming	T. Sushmita
9	3023	Ramrathi Sushmita	B2c III yr	By using organic manures, reduce soil pollution	R. Sushmita
10	3024	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
11	3025	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
12	3026	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
13	3028	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
14	3029	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
15	3030	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
16	3031	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
17	3032	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
18	3033	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
19	3034	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
20	3035	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita
21	3036	Ramrathi Sushmita	B2c III yr	Useful for organic manures helps to maintain soil fertility	R. Sushmita

2020-2021

TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(635), MANCHERIAL, DIST: MANCHERIAL.

SUMMARY REPORT
CERTIFICATE COURSE ON ORGANIC MANURES
DEPARTMENT OF BOTANY

OBJECTIVES OF THE COURSE:

To develop knowledge and skills in preparation of organic manures and its usage for improving the crop production.

STUDENTS ENROLLMENT:

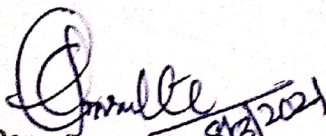
Total 28 Students from BZC III Yr. have Enrolled Into this Course.


STUDENTS PROGRESS:

With the above main objective this certificate course was started with a duration period of 30 hrs. - Total 28 Students from BZC III Yr. have enrolled into this course and successfully completed the course along with Field visits to understand the Organic Manure farming practices. Students have undergone an objective type exam with 25 Marks. All the Students have taken their examination and passed the examination. Grades are given to the students according to the marks they secured.

OUTCOMES OF THE COURSE:

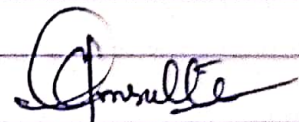
Students have developed knowledge about Organic Manure, their benefits and their eco-friendly properties. This knowledge can be used in an applicative manner for getting chemical free products.


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Report by the Coordinator
Report on Certificate course "Organic manures"

Telangana Social Welfare Residential Degree College for Women
(63th) Mancherial, Dist: Mancherial. The Department of Botany
M. Annamma (HOD, Lect in Botany) have initiated a Certificate
course on "Organic manures" for the Academic Year 2020-21.
Total 29/30 students were enrolled into this course and they
have developed knowledge about organic manures, their benefits-
eco-friendly properties. This knowledge can be used to develop
chemical-free vegetables at their home and they can
promote organic farming to their parents or farmers.



HOD, Dept. of Botany

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