

2018-2019

No.3

Notice

01/11/2018

All the students of the college hereby informed that a "Free certificate course" in "electromagnetic theory" is conducted by the department of physics. The course will commence from 12/11/2018 to 30/11/2018. The duration of course is 15 days. The classes are held 2:30pm to 4:30pm every day. The course is open for all the streams of the college. Certificate will be awarded to the participants on successful completion of the course.

Course Name : Basic "Electromagnetic theory"
Duration : 15 days (or)
Start date : 12/11/2018
End date : 30/11/2018
Organized by : Department of Physics

Course director

Bhagyashri

Bhagyashri

Lecturer in physics

Department of Physics
T.T.W.R.C.M., UTNOOR (639)
Dist: Adilabad

[Signature]
11/11/2018

Principal
T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Syllabus:-

Properties of charge, Coulomb's law, Coulomb's force due to several point charges, force due to distribution of charges, concept of electric field lines and electric flux, Gauss law, Application of Gauss law, Conservative nature of electric field E , Translational field, Concept of electric potential relation b/w electric potential and electric field, concept of magnetic field and magnetic flux, Biot-Savart's law, force on a point charge in a magnetic field, Curl and divergence of B , Ampere's law

Schedule:-

Date

Topic

Day 1

properties of charge

Day 2

Coulomb's law

Day 3

Coulomb's force due to several point charges

Day 4

force due to distribution of charges

Day 5

concept of electric field lines and electric flux

Day 6

Gauss law

Day 7

Application of Gauss law,

Day 8

Conservative nature of electric field E

Day 9

Concept of electric potential

Day 10

Relation b/w electric potential and electric field

Day 11

concept of magnetic field and magnetic flux

Day 12

Biot Savart's law

Day 13

force on a point charge in a magnetic field

Day 14

Curl and divergence of B

Day 15

Ampere's law

Bhagyashri
Department of P
T.T.W.R.D.C.(W), Utnur,
Adilabad

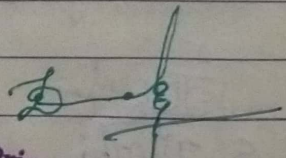
Principal
T.T.W.R. Degree College (Women)
UTTNOU - 504 311
Dist. Adilabad-T.S.

Student Attendance.

No.5

Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Group
1 A. Kasibai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
2 A. Ramatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
3 R. Manisha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-II yo
4 R. Surekha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
5 S. Poameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
6 Ch. Anitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
7 M. Ashwini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
8 N. Poameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
9 Archana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
10 Sahara	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
11 G. Saumya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
12 K. Jayasree	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
13 Srikanya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
14 Sangeetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
15 Ch. Kalinda	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
16 R. Asha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
17 R. Usha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
18 T. Subhadra	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
19 Shireesha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
20 Saraswati	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo
21 Ashwini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPC-I yo

Rhagyani
Department of Physics
T.T.W.R.D.C.(W), Utmoor
Adilabad


Principal
T.T.W.R. Degree College (Women)
UTNOUR-504 311
Dist. Adilabad-T.S.

2019-2020

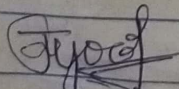
Notice

17/9/2019

Course Name: "Thermodynamics"
Duration: 17 days
Start date: 23/09/2019
End date: 11/10/2019
Organized by: Department of physics

The department of physics with encouragement of principal D. Temaji sir conducted a certificate course in "Thermodynamics" for the students of the college from 23/9/2019 to 11/10/2019 for 20 days programme. The time is 2:30pm to 4:30pm everyday. The course helped the students to improve their knowledge.

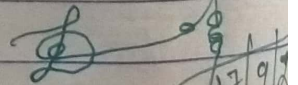
Course Organized by



S. Jyothi

DL in Physics

Department of Physics
TTWRDC, UTNOOR (639)
Dist. Adilabad



Principal

T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Syllabus

Introduction of thermodynamics, types of systems, thermodynamics properties, thermodynamic laws
 Application of thermodynamics, Types of thermodynamic process, entropy,

Schedule:-

Day/Date	Topic
Day 1	Introduction of thermodynamics
Day 2	first law of thermodynamics
Day 3	second law of thermodynamics
Day 4	third law of thermodynamics
Day 5	Heat engine, thermal efficiency of heat engine
Day 6	Refrigerator, Carnot cycle
Day 7	Cyclic process
Day 8	Isothermal and Adiabatic process
Day 9	Reversible and Irreversible process
Day 10	Entropy, physical significance
Day 11	Different processes in terms of Entropy
Day 12	Derivation of Maxwell's thermodynamic equations
Day 13	Maxwell's thermodynamic relations
Day 14	specific heat
Day 15	Joule Kelvin effect
Day 16	Joule-Thomson cooling
Day 17	Kapitza's method

Department of Physics
 T.T.W.R. Degree College (Women)
 Adilabad

Principal
 T.T.W.R. Degree College (Women)
 UTNOOR-504 311
 Dist. Adilabad-T.S.

Student Attendance

Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. A. Kasibai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2. A. Ramatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3. B. Sahasa	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4. Ch. Anitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5. G. Sowmya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6. M. Ashwini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7. N. Prameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8. R. Manisha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9. R. Surekha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10. S. Prameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11. A. Srikantha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12. A. Sangeetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13. Ch. Kalinda	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14. G. Ashwini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15. Kalijayalaxmi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16. K. Saralaxmi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17. A. Mahatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18. R. Usha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19. R. Asha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20. T. Sobhadra	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21. A. Ranjana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22. B. Mounika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23. Ch. Pallavi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24. Ch. Gangabawani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25. G. Vanitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26. G. Navaneetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27. G. Nimitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28. G. Ashwini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29. K. Mounika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30. K. Maheshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31. K. Mothibai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32. K. Ujjala	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Department of Physical Education
T.T.W.R.D.C. (W), Uttnoor
Adilabad

T.T.W.R.D.C. Degree
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Dist. Adilabad-T.S.

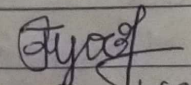
Notice

20/12/2021

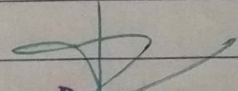
Course Name: Semiconductor electronics
start date: 28/12/2021
-End date: 21/01/2022
Duration: 21 days
Organized by: Department of physics

The department of physics conducted the certificate course in "Semiconductor electronics" for all the students of the college with the encouragement of principal B. Haritha mam. This course announced from 28/12/2021 to 21/01/2022 organized by the department of physics for 20 days programme. For this course time allotted 2:30 to 4:30 pm a has everyday.

Course organized by


S. Jyothi

DL in Physics

Department of Physics
TWRDC(W)-UTNOOR (639)
Dist: Adilabad
Principal
T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Syllabus:-

Introduction of Band theory, -forbidden energy gap
semiconductors, -types of semiconductors, Diode, P-N Junction
diode, Half-wave, -full wave and bridge rectifier,
Zener diode, P-n-P and n-p-n transistors, Current
component in transistors. CB, CE, and CC configurations
transistor as an amplifier, photo diode solar cell

Schedule:-

Day	Topic
Day 1	Introduction of Band theory
Day 2	-forbidden energy gap
Day 3	-types of semiconductors
Day 4	Intrinsic semiconductors
Day 5	Working of intrinsic semiconductors
Day 6	-Extrinsic semiconductor and types
Day 7	P-type Extrinsic semiconductor
Day 8	N-type Extrinsic semiconductor
Day 9	Diode and P-N Junction diode
Day 10	Half wave rectifier
Day 11	-full wave rectifier
Day 12	Zener diode as a voltage regulator
Day 13	Introduction to BJT
Day 14	Working of P-n-P transistor
Day 15	Working of n-p-n transistor
Day 16	current components in transistor
Day 17	CB, CE and CC configuration
Day 18	transistor as an amplifier
Day 19	photo diode
Day 20	solar cell
Day 21	Bridge rectifier

Department of Physics
T.T.W.R.D.C.(W), Uttnoor
Adilabad

Principal
T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Student Attendance

S.No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	GROUP
1	A. Kalpana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
2	A. Kavitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
3	Ch. Anjali	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
4	Ch. Anuska	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
5	Ch. Shireesha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
6	J. Kavitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
7	J. Kalpani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
8	K. Thirumala	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
9	K. Yashodha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
10	K. Sangeetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
11	K. Mamatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
12	K. Krishnaveni	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
13	K. Vanitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
14	M. Nandhini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
15	M. Jyadani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
16	M. Saritha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
17	M. Navaneetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
18	P. Aishwarya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
19	P. Akhila	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
20	P. Srilatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
21	P. Malleshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
22	P. Sumalatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
23	P. Roja	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
24	R. Shivani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
25	R. Preethi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
26	Samakka Bai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
27	T. Maheshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
28	T. Bindu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
29	A. Ranjana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
30	B. Mounika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
31	Ch. Pallavi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
32	Ch. Gangabai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II

Principal
 T.T.W.R. Degree College (W)
 UTNOOR-504 311
 Dist. Adilabad-T.S.

Notice

21/2/2022

Course Name: Quantum mechanics

Duration: 16 days

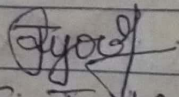
Start Date: 01/02/2022

End Date: 18/02/2022

Organized by: Department of physics

The department of physics with the encouragement of principal B. Haritha mam conducted a certificate course in Quantum mechanics for the students of the college from 01/02/2022 to 18/02/22 for 16 days programme everyday 2hrs. i.e. 2:30pm to 4:30pm time allotted for this course. This is announced by the department of physics and interested students are enrolled by.

Course organized by



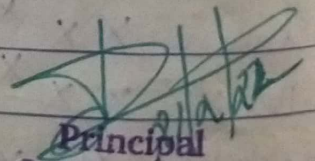
S. Jyothi

DL in Physics

Department of Physics

TTWRDC, U. NOOR (639)

Dist: Adilabad



Principal

T.T.W.R. Degree College (Women)

UTNOOR-504 311

Dist. Adilabad-T.S.

Syllabus:-

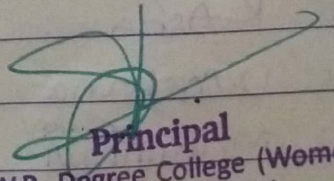
plank's law, PEE, Einstein's PEE, Compton effect
de Broglie's hypothesis, phase and group velocities
Davisson and Germer experiment, Double slit experiment
standing de Broglie waves of electron in Bohr orbits
Heisenberg's uncertainty principle, Schrodinger wave eqn.

Schedule:-

Day	Topic
Day 1	plank's law
Day 2	Photo electric effect
Day 3	Einstein photo electric eqn
Day 4	Compton effect
Day 5	Davisson and Germer experiment
Day 6	Double slit experiment
Day 7	de Broglie hypothesis
Day 8	phase and group velocities
Day 9	Heisenberg's uncertainty principle
Day 10	Schrodinger time dependent wave eqn
Day 11	Schrodinger time independent wave eqn
Day 12	wave function properties and significance
Day 13	postulates of quantum mechanics
Day 14	eigen function and eigen values
Day 15	expectation values
Day 16	Diffraction by a single slit.

(Jyoti)

Department of Physics
T.T.W.R.D.C.(W), Utnoor
Adilabad.


Principal

T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Student Attendance

S.No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	A. Kalpana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Ch. Anusha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Ch. Shireesha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	K. Sangeetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	M. Saritha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	M. Navaneetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	P. Aishwarya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	P. Malleshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	P. Srilatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	P. Roja	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	R. Shivani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	T. Bindu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	M. Jyothsna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	T. Maheshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	P. Sumalatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	J. Kalyani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	K. Thirumala	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	D. Prathibha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	J. Vanisree	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	K. Sanika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	S. Prathibha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	T. Jyothi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	S. Bijulabai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	R. Usha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	R. Asha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	V. Archana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	M. Vaishnavi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	G. Kavari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	R. Kalpana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	M. Divyabhathi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	K. Jyothsna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	P. Jyothsna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Student Attendance

Student name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Group
P. Swarna	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-II
P. Saraswati	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-II
T. Sumithra	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-II
D. Mahitha	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
A. Srinidhi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
G. Swapna	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
K. Deepika	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
K. Sindhuja	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
S. Pallavi	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
T. Anjali	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
T. Bhoomika	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
T. Sony	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
N. Sony	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
K. Poornima	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
M. Anashuyabai	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
T. Pooja	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
B. Divya	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
A. Shireesha	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
D. Poornima	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I
M. Ankitha	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	MPCS-I

Department of Studies
T.W.R.D.C. (W), Utnoor,
Adilabad

Principal
T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S

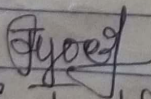
Notice

01/11/2023

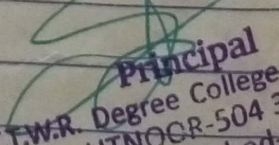
Course Name: "Electronics"
Duration: 17 days
Start date: 6/11/2023
End date: 24/11/2023
Organized by: Department of Physics

The department of physics with the encouragement of principal B. Haritha mam conducted a course in "Electronics" for the students of the college from 6/11/2023 to 24/11/2023 for 17 days programme. The time is 2:30pm to 4:30pm everyday. The course helped the students to improve their knowledge in electronics

Course organized by


S. Jyothi

Department of Physics
TTWRDC(W)-UTNOOR (639)
Dist: Adilabad


Principal
T.T.W.R. Degree College (Women)
UTNOOR-504 311
Dist. Adilabad-T.S.

Syllabus:-

Introduction of Digital electronics, Binary number system conversion of binary to decimal and vice-versa, Binary addition and subtraction, Hexadecimal number system, conversion from binary to hexadecimal and vice-versa, decimal to hexadecimal and vice-versa. Introduction of logic gates, OR, AND, NOT gates truth table, realization of these gates using discrete components, NAND, NOR as a universal gates, EX-OR gate, De Morgan's laws, verification.

Schedule

Day	Topic
Day 1	Introduction of digital electronics
Day 2	Binary number system
Day 3	conversion of binary to decimal & vice-versa
Day 4	Binary addition and subtraction
Day 5	Hexadecimal no. system, conversion of binary to hexadecimal
Day 6	Decimal to hexadecimal and vice-versa
Day 7	Introduction of logic gates
Day 8	OR and AND gates and truth tables
Day 9	NOT gate and truth table
Day 10	Realization of these gates using discrete components
Day 11	NAND as a universal gate
Day 12	NOR as a universal gates
Day 13	EXOR gate
Day 14	De Morgan's laws
Day 15	De Morgan's laws verification
Day 16	De Morgan's laws verification
Day 17	Applications

Department
T.T.W.R.D.C.(W), Unnava
Adilabad

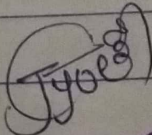
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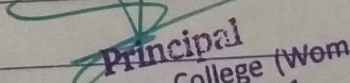
Student Attendance

S.NO	Student name	01	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	A. Kalpana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Ch. Anusha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Ch. Shireekha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	K. Sarjetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	M. Saritha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	M. Naraneetha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	P. Aishwarya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	P. Malleiswari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	P. Roja	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	P. Srilatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	R. Shivani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	T. Bindu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	M. Jaradani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	T. Maheshwari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	P. Somalatha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	J. Kalyani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	K. Thirumala	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	D. Prathiksha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	J. Vanisree	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	K. Sanika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	S. Prathibha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	T. Jyothi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	J. Bijulabai	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	R. Usha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	U. Archana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	M. Vairamavi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	G. Kavari	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	R. Kalpana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	M. Divyabharathi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	K. Jaradani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	P. Jyothilaxmi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	P. Swarna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Student Attendance

S.No	Student Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Group
33	P. Saravathi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
34	T. Sumithra	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
35	D. Mahitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-II
36	A. Srinidhi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
37	G. Swapna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
38	K. Deepika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
39	K. Sindhya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
40	S. Pallavi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
41	T. Anjali	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
42	T. Bhoomika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
43	T. Sony	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
44	N. Sony	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
45	K. Prameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
46	M. Anasuya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
47	T. Pooja	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
48	B. Divya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
49	D. Prameela	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I
50	M. Ankitha	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	MPCS-I


 Department of Phy.
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