



S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



SGA GOVT. DEGREE COLLEGE ,Yellamanchili

Department of Physics

Add-on Course

**TOPIC : HOUSE WIRING AND REPAIRING
OF ELECTRIC FAN AND MIXIE**





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S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILI

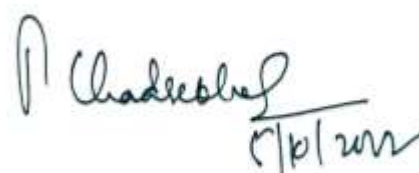
DEPARTMENT OF PHYSICS

DEPARTMENTAL MEETING

Minutes of the meeting

The faculty of department of PHYSICS met on 05-10-21 and discussed the following matters

1. Resolve to start an add-on course in the Department of PHYSICS
2. To submit a letter to the principal for getting the permission to start an add-on course.
3. To prepare syllabus to the add-on course
4. To start the students with a minimum of 30 students.
5. To conduct ~~5~~ week add-on course ~~30~~ teaching hours.
6. Permission to utilize the PHYSICS laboratory to conduct practicals for this add-on course.
7. Permission to conduct the add-on course by the Physics Faculty.
8. Continuing the add-on course for the next three years.


Principal

**Principal
S.G.A.Govt.Degree College
YELLAMANCHILI - 531 055
Visakhapatnam District.**



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PERMISSION LETTER TO START ADD-ON COURSE

FROM

DATE : 05-10-2021,

DEPARTMENT OF PHYSICS ,
SGA GOVT. DEGREE COLLEGE,
YELLAMANCHILI.

TO

THE PRINCIPAL,
SGA GOVT.DEGREE COLLEGE,
YELLAMANCHILI.

SUB : Permission to start an add-on course and permission to nominate the
PHYSICS faculty as a faculty for that add-on course - regarding

REF: Resolution copy of the Department of PHYSICS.

Respected sir,

As per the resolution of the Department of PHYSICS, we are very much interested to start an add-on course with a title "HOUSE WIRING AND REPAIRING OF ELECTRIC FAN AND MIXIE" for the students. So, we are requesting you to give permission to start that add-on course and also permit us to act as the faculty for the add-on course.

Thanking you sir.

SIGNATURE OF THE PRINCIPAL

Principal

S.G.A.Govt.Degree College
YELLAMANCHILI - 531055
(P. CHANDRASEKHAR SIR)
Visakhapatnam District.

SIGNATURE OF THE FACULTY

(SRI P.S. JAGGARAO)

Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055



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DEPARTMENT OF PHYSICS

SYLLABUS

ADD-ON COURSE IN "HOUSE WIRING AND REPAIRING OF ELECTRIC FAN AND MIXIE"

UNIT-1

House Wiring :

Concept of electricity, A.C. fundamentals, different types of A.C wave forms, Basics of House wiring –Single and three phase power, watt meter principle and working, series and parallel connections, star and delta connections ,working of fuse and MCB, electric tester working, electric shock, first aid for electric shock, earthing mechanism.

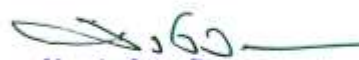
UNIT-2

Electric Fan :

Introduction to motors, induction and synchronous motors, parts and working of a fan, types of fans-ceiling fan, table fan and exhaust fan, working of fan capacitor, troubleshooting of fan.

Electric Mixie :

Parts and working of a mixie, troubleshooting of mixie.


**Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055**



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S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILLI

Department of Physics

Enrolled students for the Add-on course

Topic:- House wiring, repairing of fan and mixer

	Student Name	Year	Group	REGD.NO
1.	BADDI LEEA VATHI	3 rd BSC	MPC	719135405001 B.leeavathi
2.	BHIMPALLI CHINNARI	3 rd BSC	MPC	719135405002 B.Chinnari
3.	DADSETTI SATYA DURGA	3 rd BSC	MPC	719135405003 D.satyadurga
4.	DHULI VASU	3 rd BSC	MPC	719135405004 DVASU
5.	GAMPARAI GANESH	3 rd BSC	MPC	719135405005 G.Ganesh
6.	GARA SIRISHA RANI	3 rd BSC	MPC	719135405006 G.Sirisharani
7.	GORLA HARIBABU	3 rd BSC	MPC	719135405007 G.haribabu
8.	KADARI MAHESH	3 rd BSC	MPC	719135405008 K.mahesh
9.	KARE APPALARAJU	3 rd BSC	MPC	719135405009 K.Appalaraju
10.	KODA CHINNARI	3 rd BSC	MPC	719135405010 K.Chinnari
11.	KODA PRASADU	3 rd BSC	MPC	719135405011 K.prasadu
12.	KOLAGANI POORNA SAI	3 rd BSC	MPC	719135405012 K.purna sai
13.	KOLLI ANITHA	3 rd BSC	MPC	719135405013 K.anitha
14.	KOLLI SIVA SAI SANKER	3 rd BSC	MPC	719135405014 K.s.s.sankar
15.	KOMMIRELLI KARTHIK	3 rd BSC	MPC	719135405015 K.karthik
16.	KONDAPALLI VISALAKSHI	3 rd BSC	MPC	719135405016 K.Visalakshi
17.	KOTA SURYAMANI	3 rd BSC	MPC	719135405017 K.suryamani
18.	KUNCHALA SYAMALA	3 rd BSC	MPC	719135405018 K.syamala
19.	MAJJI KANTHAM	3 rd BSC	MPC	719135405019 M.kantham
20.	MYLAPALLI SUJATHA	3 rd BSC	MPC	719135405021 M.sujatha
21.	NAAMALA NOOKESH	3 rd BSC	MPC	719135405022 N.Nookesh
22.	NAGIRETTI ANURADHA	3 rd BSC	MPC	719135405023 N.anuradha
23.	ND DHANALAKSHMI	3 rd BSC	MPC	719135405024 N.dhanalakshmi
24.	NARRI ARAVIND	3 rd BSC	MPC	719135405025 N.aravind
25.	PALLA MADHAVI	3 rd BSC	MPC	719135405026 P.madhavi
26.	PALLELA PAVANI	3 rd BSC	MPC	719135405027 P.pavani
27.	PIKKI MADHAVA	3 rd BSC	MPC	719135405028 P.madhava
28.	PIKKI NARASIGA RAO	3 rd BSC	MPC	719135405029 P.narasigarao
29.	PINAPATHRUNI GANGA BHAVANI	3 rd BSC	MPC	719135405030 P.gangabhavani
30.	POCHINA PRIYANKA	3 rd BSC	MPC	719135405031 P.priyanka
31.	SAMBAVARAPU VIJALAKSHMI	3 rd BSC	MPC	719135405032 S.vijalakshmi
32.	SANA LAKSHMI DEVI	3 rd BSC	MPC	719135405033 S.lakshmi
33.	SANAPATHI SWETHARANI	3 rd BSC	MPC	719135405034 S.swetharani
34.	SENNAMSETTI LEEA SANKARA RAO	3 rd BSC	MPC	719135405035 S.l.sankara rao
35.	SUNDARAPU MANJUSREE	3 rd BSC	MPC	719135405036 S.manjusree
36.	TUMMALA SAIKUMAR	3 rd BSC	MPC	719135405037 T.sai
37.	UPPALAPU CHITTI JYOTHI	3 rd BSC	MPC	719135405038 U.jyothi
38.	VASUPALLI KASIRAO	3 rd BSC	MPC	719135405039 V.kasirao
39.	VASUPALLI RAJESH	3 rd BSC	MPC	719135405040 V.rajesh
40.	VUDI PRASAD	3 rd BSC	MPC	719135405041 V.prasad
41.	VUMMIDI TATAJI	3 rd BSC	MPC	719135405042 V.tataji
42.	YRLISETTI TATAJI	3 rd BSC	MPC	719135405043 Y.tataji
43.	YELLAMANCHILI LAYA	3 rd BSC	MPC	719135405044 Y.laya
44.	YERIPALLI LATHA	3 rd BSC	MPC	719135405045 Y.latha
45.	YERIPALLI APPALARAJU	3 rd BSC	MPC	719135405046 Y.appalaraju
46.	ADARI SIVA SRAVANI	3 rd BSC	MPCS	719135405047 A.sivasravani



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47.	AYINAPARTHI LAHARI ASWINI	3 rd BSC	MPCS	719135405049	A. Lahari Aswini
48.	BALIBOYINA SAI LEELA	3 rd BSC	MPCS	719135405050	P. Sallaleela
49.	BEJAWADA SRINIVASA RAO	3 rd BSC	MPCS	719135405051	R. Srinivas Rao
50.	GANIREDDY BHAGYA LAXMI	3 rd BSC	MPCS	719135405052	G. Bhagya Laxmi
51.	KALLA SIRISHA	3 rd BSC	MPCS	719135405053	K. Sirisha
52.	KARRI ANUSHA	3 rd BSC	MPCS	719135405056	K. Anusha
53.	KOLAGANI ANURADHA	3 rd BSC	MPCS	719135405057	K. Anuradha
54.	KOTNI GEETHA	3 rd BSC	MPCS	719135405058	K. Geetha
55.	MANABALA SURYAKALA	3 rd BSC	MPCS	719135405060	M. Suryakala
56.	MERIGI VENKATESWARLU	3 rd BSC	MPCS	719135405062	M. Venkateswarlu
57.	MOKINA SAI MANIKANTA	3 rd BSC	MPCS	719135405064	M. Sainath/Bandra
58.	OYIBOINA DHANA LAKSHMI	3 rd BSC	MPCS	719135405065	O. Dhana Laxmi
59.	PUTSA PAVANI	3 rd BSC	MPCS	719135405067	P. Pavani
60.	TEDLAPU LAVANYA	3 rd BSC	MPCS	719135405068	T. Lavanya
61.	THIKKADA ARUNA	3 rd BSC	MPCS	719135405069	T. Aruna
62.	UDDANDAM DHANUSH	3 rd BSC	MPCS	719135405070	U. Dhanush
63.	VEESAM BHANUPRIYA	3 rd BSC	MPCS	719135405071	V. Bhavanipriya
64.	VEESAM PAVAN KUMAR	3 rd BSC	MPCS	720135405001	V. Pavan Kumar
65.	ALAMANDA SRAVANI VIJAYA GOWRI	2 nd BSC	MPC	720135405002	A. Nagapushpa
66.	ANNAM NAGAPUSHPA	2 nd BSC	MPC	720135405003	A. Nagapushpa
67.	BAGGU BALA SUBRAHMANYAM	2 nd BSC	MPC	720135405004	B. Balakrishna
68.	BODDAPU SIVA LAKSHMI	2 nd BSC	MPC	720135405005	B. Siva Laxmi
69.	BONDI BHARATHI	2 nd BSC	MPC	720135405006	B. Bharathi
70.	CHEPALA SUBBALAKSHMI	2 nd BSC	MPC	720135405007	C. Subbalakshmi
71.	DEVARA VARA LAKSHMI	2 nd BSC	MPC	720135405008	D. Varalakshmi
72.	KALLA NAVYA	2 nd BSC	MPC	720135405009	K. Navya
73.	KANDRAKOTA SIRISHA	2 nd BSC	MPC	720135405010	K. Sirisha
74.	KARRI BHARATHI NAGA BHUVANESWARI	2 nd BSC	MPC	720135405011	K. Bhuvaneshwari
75.	KATTUMURI DEEPIKA	2 nd BSC	MPC	720135405012	K. Deepika
76.	KOVELA PAVANI TEJASRI	2 nd BSC	MPC	720135405014	K. Pavani Tejasri
77.	MALLA RAJU	2 nd BSC	MPC	720135405015	M. Raju
78.	MARISSETTY KRISHNA VENI	2 nd BSC	MPC	720135405016	M. Krishnaveni
79.	MOGILI GAYATHRI	2 nd BSC	MPC	720135405017	M. Gayathri
80.	MUTYALA VARMA	2 nd BSC	MPC	720135405018	M. Varma
81.	MYLAPILLI RAJESWARI	2 nd BSC	MPC	720135405019	M. Rajeswari
82.	NAKKAPALLI NIRANJANKUMAR	2 nd BSC	MPC	720135405020	N. Niranjan Kumar
83.	NEERUKONDA GANESHINI	2 nd BSC	MPC	720135405021	N. Ganeshini
84.	PEYYALA SRIVIDHYA	2 nd BSC	MPC	720135405022	P. Srividhya
85.	PULI DURGA VANI	2 nd BSC	MPC	720135405023	P. Durga Vani
86.	PULIGA PADMA	2 nd BSC	MPC	720135405024	P. Padma
87.	RUTHALA GANGA BHAVANI	2 nd BSC	MPC	720135405025	R. Ganga Bhavani
88.	SABBAVARAPU LEELA VATHI	2 nd BSC	MPC	720135405026	S. Leelavathi
89.	SANAPATHI UMADEVI	2 nd BSC	MPC	720135405027	S. Umadevi
90.	SURISSETTI GAYATRI	2 nd BSC	MPC	720135405028	S. Gayatri
91.	THIRUVEEDHULA LEELA VATHI	2 nd BSC	MPC	720135405029	T. Leelavathi
92.	YELLAPU LAVANYA SAI	2 nd BSC	MPC	720135405030	Y. Lavanya Sai
93.	AAVALA PAPARAYUDU	2 nd BSC	MPCS	720135405031	A. Paparayudu
94.	ADARI APARNA	2 nd BSC	MPCS	720135405033	A. Aparna
95.	ANAPARTHI SOWMYA	2 nd BSC	MPCS	720135405034	A. Sowmya
96.	ARA VIND ESARAPU	2 nd BSC	MPCS	720135405035	A. Vind Esarapu
97.	BALAJI BODDAPU	2 nd BSC	MPCS	720135405036	B. Balaji
98.	BANDARU RAMADEVI	2 nd BSC	MPCS	720135405037	B. Ramadevi
99.	DASARI BHA VANI	2 nd BSC	MPCS	720135405038	D. Bhavani
100.	DHOOLI PRASAD	2 nd BSC	MPCS	720135405039	D. Prasad
101.	DHULI NADIYA NAGALAKSHMI	2 nd BSC	MPCS	720135405040	D. Nagalakshmi
102.	GUDDATI SAMBHA VIDEVI	2 nd BSC	MPCS	720135405041	G. Sambhavi Devi
103.	JERRIPOTHULA JYOTHI	2 nd BSC	MPCS	720135405042	J. Jyothi
104.	KAKARA SATHYA	2 nd BSC	MPCS	720135405043	K. Sathya
105.	KASALA KAVITHA	2 nd BSC	MPCS	720135405043	K. Kavitha



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106.	KOILADA PRASAD	2 nd BSC	MPCS	720135405044	K. Prasad
107.	KOILADA TRIVENI	2 nd BSC	MPCS	720135405045	K. Triveni
108.	KORIBILI NAVYA	2 nd BSC	MPCS	720135405046	K. Navya
109.	KURAKULA ROHINI	2 nd BSC	MPCS	720135405047	K. Rohini
110.	MADEM VASUNDHRA	2 nd BSC	MPCS	720135405048	M. Vasundhara
111.	MALLA RAMANI	2 nd BSC	MPCS	720135405049	M. Ramani
112.	MAMIDI ASHOK	2 nd BSC	MPCS	720135405050	M. Ashok
113.	MAMIDI RUPA	2 nd BSC	MPCS	720135405051	M. Rupa
114.	MAMIDI SANDEEP	2 nd BSC	MPCS	720135405052	M. Sandeep
115.	NAGIREDDI LEELA LAKSHMI	2 nd BSC	MPCS	720135405053	N. Leela Lakshmi
116.	NANEPALLI JAHNAVI	2 nd BSC	MPCS	720135405054	N. Jahnavi
117.	NBK DURGA LAKSHMI DEVI	2 nd BSC	MPCS	720135405055	N.B.K Lakshmi Devi
118.	NEELAM SRIDEVI	2 nd BSC	MPCS	720135405056	N. Sridevi
119.	PEDAPUDI HEMA LATHA	2 nd BSC	MPCS	720135405057	P. Hemalatha
120.	POSINA SRIDEVI	2 nd BSC	MPCS	720135405058	P. Sridevi
121.	PRAGADA RAMAKRISHNA	2 nd BSC	MPCS	720135405059	P. Ramakrishna
122.	PUDI HARIKA	2 nd BSC	MPCS	720135405060	P. Harika
123.	SIDDA USHA SRI VENKATALAKSHMI	2 nd BSC	MPCS	720135405061	S.U.V. Lakshmi
124.	SIRASAPALLI GANESHRISAI	2 nd BSC	MPCS	720135405062	S. Ganeshrisai
125.	TAPPETLA PRASANNA KUMARI	2 nd BSC	MPCS	720135405063	T. Prasanna Kumari
126.	TATIPAKA PALLAVI	2 nd BSC	MPCS	720135405064	T. Pallavi
127.	TETAKALA MANIKANTA	2 nd BSC	MPCS	720135405065	T. Manikanta
128.	VANTAKULA RAMA LAKSHMI	2 nd BSC	MPCS	720135405066	V. Ramakrishna
129.	VASUPALLI SIMHADRI	2 nd BSC	MPCS	720135405067	V. Simhadri
130.	YENUKUNTI NAGA DURGA	2 nd BSC	MPCS	720135405068	Y. Naga Durga

Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055

Principal
S.G.A Govt. Degree College
YELLAMANCHILI - 531 055
Visakhapatnam District



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S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILLI

Department of Physics

Attendance of the Students

Topic:- House wiring, repairing of fan and mixer

S.no	Name	Regd.no	Attendance																	
1.	BADDI LEELAVATHI	719135405001	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	BHIMPALLI CHINNARI	719135405002	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	DADISETTI SATYA DURGA	719135405003	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	DHULI VASU	719135405004	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	GAMPARAI GANESH	719135405005	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	GARA SIRISHA RANI	719135405006	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	GORLA HARIBABU	719135405007	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	KADARI MAHESH	719135405008	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	KARE APPALARAJU	719135405009	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	KODA CHINNARI	719135405010	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	KODA PRASADU	719135405011	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	KOLAGANI POORNA SAI	719135405012	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	KOLLI ANITHA	719135405013	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	KOLLI SIVA SAI SANKER	719135405014	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	KOMMIRELLI KARTHIK	719135405015	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	KONDAPALLI VISALAKSHI	719135405016	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	KOTA SURYAMANI	719135405017	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	KUNCHALA SYAMALA	719135405018	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	MAJJI KANTHAM	719135405019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	MYLAPALLI SUJATHA	719135405021	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	NAAMALA NOOKESH	719135405022	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	NAGISETTI ANURADHA	719135405023	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	ND DHANALAKSHMI	719135405024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24.	NARRI ARAVIND	719135405025	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25.	PALLA MADHAVI	719135405026	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

B. Leela Varthi
B. Chinnari
D. Satya Durga
D. Vasu
G. Ganesh
G. Sirisharani
G. Harish Babu
K. Mahesh
K. Appalaraju
K. Chinnari
K. Prasad
K. Poornasai
K. Anitha
K. Siva Sai Sanker
K. Karthik
K. Visalakshmi
K. Suryamani
K. Syamala
M. Kantham
M. Sujatha
N. Nookesh
N. Anuradha
ND. Dhanalakshmi
N. Aravind
P. Madhavi

[illegible]



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YELLAMANCHILI - 531055, ANDHRA PRADESH



Add-on course : House wiring and repairing of Electric Fan and mixer

Time: 1 ½ hour

Max Marks: 50

SECTION -A

I. Answer any two of the following questions 2 x 10 = 20 m

1. Draw the equivalent circuit, when we convert star to delta network and express resistance values in terms of star network values?
2. What are the parts of electric fan and explain its working?
3. Explain construction and working of Watt meter?
4. Explain the construction and working of Induction motor?

SECTION -B

II. Answer any four of the following questions 4 x 5 = 20 m

1. Write the difference between single and three phase power?
2. Write a note on earthing mechanism in household wiring?
3. Write a note on working of fuse?
4. Write a note on working of fan capacitor?
5. Write a note on working of Mixie?
6. Explain about types of an electric power?

SECTION -C

III. Answer all of the following questions 5 x 2 = 10 m

1. Define ohm's law?
2. Draw the saw tooth and triangular waves?
3. Write the formulas for effective resistance in series and parallel connections?
4. Write the parts of Mixie?
5. Draw the block diagram of trouble shooting of mixie?


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055



SUMMARY REPORT

HOUSE WIRING REPAIRING OF FAN & MIXCY

The department of physics started Add- on course on "House wiring and repairing of electric fan and mixer" with 130 enrolled students. This batch comprises of III and II year students. We have conducted 24-theory hours and 6 practical hours. Conducted exam for 50 marks and issued certificates to the 121 successful students.

Our department aims to start this add on course for attaining skill to repair house hold electric appliances on their own. In addition to above they will earn pocket money for their educational needs. Some of our students got expertise in this area and earning some money. They are going for decorating houses with small electrical lamps, house wiring of new houses, repairing of gadgets etc...

Students enrolled	: 130
Successfully completed	: 121
Practical hours conducted	: 06
Theory hours conducted	: 24
Maximum marks	: 50 marks
Time allotted	: 2 hours
Certificates issued	: Issued to all the successful students.


Course Co-ordinator

**Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055**

Faculty in Physics



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S.G.A GOVT. DEGREE & P.G COLLEGE

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Yellamanchilli , Visakhapatnam Dist., A.P

Department of Physics



Add on course in House Wiring & Repairing of Fan & Mixer

CERTIFICATE

This is to Certify that Mr./Kum _____

Has Successfully completed the Add on course in House wiring and Repairing of Fan & Mixer in this college held from _____ to _____ and Awarded with _____ Grade.


Head of the Department

Principal

**Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili - 531055**



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SGA GOVT. DEGREE COLLEGE ,Yellamanchili

Department of Physics

Add-on Course

**TOPIC :STUDY AND REPAIRING OF CELL
PHONE**





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DEPARTMENT OF PHYSICS

DEPARTMENTAL MEETING

Minutes of the meeting

The faculty of department of PHYSICS met on 20-01-22 and discussed the following matters

1. Resolve to start an add-on course in the Department of PHYSICS
2. To submit a letter to the principal for getting the permission to start an add-on course.
3. To prepare syllabus to the add -on course
4. To start the course with a minimum of 30 students.
5. To conduct five week add -on course 30 teaching hours.
6. Permission to utilize the PHYSICS laboratory to conduct practicals for this add -on course.
7. Permission to conduct the add -on course by the Physics Faculty.
8. Continuing the add-on course for the next three years.


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055


Principal
S.G.A Govt. Degree College
YELLAMANCHILI - 531 055
Virekhapatnam District



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PERMISSION LETTER TO START ADD-ON COURSE

FROM

DATE :20-01-2022,

DEPARTMENT OF PHYSICS,
SGA GOVT. DEGREE COLLEGE,
YELLAMANCHILI.
TO
THE PRINCIPAL,
SGA GOVT.DEGREE COLLEGE,
YELLAMANCHILI.

SUB :Permission to start an add-on course and permission to nominate the PHYSICS faculty as a faculty for that add-on course - regarding

REF: Resolution copy of the Department of PHYSICS.

Respected sir,

As per the resolution of the Department of PHYSICS, we are very much interested to start an add-on course with a title "STUDY AND REPAIRING OF CELL PHONE" for the students. So, we are requesting you to give permission to start that add-on course and also permit us to act as the faculty for the add-on course.

Thanking you


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055


Principal
S.G.A Govt. Degree College
YELLAMANCHILI - 531 055
Vizakhapatnam District



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DEPARTMENT OF PHYSICS

SYLLABUS

ADD-ON COURSE IN "STUDY AND REPAIRING OF CELL PHONE"

UNIT-1

Basics of cell phone communication: Introduction to mobile communication- Definition of mobile communication, features of mobile communication- high capacity load balancing, Scalability, network management system, role based access control, network access control, mobile device management, roaming, redundancy, proper security using proper firewall, switching. Advantages of mobile communication-flexibility, cost effectiveness, speed, accessibility, constant connectivity.

UNIT-2

Basics of cell phone IC components: Antenna switch, Power frequency oscillator (PFO), Network IC, 26MH crystal oscillator, Voltage controller oscillator (VCO), RX filter, TX filter, read only memory (ROM), random access memory (RAM), Flash IC, Power IC, Charging IC, Real time clock (RTC)

UNIT-3

Trouble shooting of various components: Trouble shooting of phone over heating, battery hold up, response of phone is slow, phone got wet, no space for data storage, screen freezing, App crashing, bad reception of signal, trouble with Bluetooth, issues regarding charging port.


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Department of Physics
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Yellamanchili-531055



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Department of Physics

List of Students Enrolled for Add-on Course

For the Academic year 2021-22

Topic:- Study and Repairing of Cell Phone

S.No	Name	Regd.No	Class	Signature
1.	A. SURYA PRASAD	721135405001	I -B.Sc (MPC)	A.suryaprasad
2.	A. LAKSHI LAVANYA	721135405002	I -B.Sc (MPC)	A.Lakshi Lavanya
3.	B. VARSHASRI	721135405003	I -B.Sc (MPC)	B. Varsha sri
4.	B.RADHA	721135405004	I -B.Sc (MPC)	B.Radha
5.	B.BHANU	721135405005	I -B.Sc (MPC)	B. Bhanu
6.	B.KARUNA KUMAR	721135405006	I -B.Sc (MPC)	B.karuna kumar
7.	B.SIRISHA	721135405007	I -B.Sc (MPC)	B.sirisha
8.	CH.DEVI	721135405008	I -B.Sc (MPC)	CH. Devi
9.	CH.RAJYA LAKSHMI	721135405009	I -B.Sc (MPC)	Ch. Rajya Lakshmi
10.	CH.CHITTI	721135405010	I -B.Sc (MPC)	CH. CHITTI
11.	D.PRASAD	721135405011	I -B.Sc (MPC)	D. Prasad
12.	D.BALA VEERA MANI	721135405012	I -B.Sc (MPC)	D. Bala veera mani
13.	D.DIVYA RANI	721135405013	I -B.Sc (MPC)	D. Divya rani
14.	D.RUPAVATHI	721135405014	I -B.Sc (MPC)	D. Rupavathi
15.	G.NAGESWARA RAO	721135405015	I -B.Sc (MPC)	G. Nageswara Rao

16.	G.AKHIL	721135405016	I -B.Sc (MPC)	G. Akhil
17.	K.V.NAGESHWARI	721135405017	I -B.Sc (MPC)	K.V. nageswari
18.	K.NAGESH	721135405018	I -B.Sc (MPC)	K. nagesh
19.	K.PRASAD	721135405019	I -B.Sc (MPC)	K. Prasad
20.	K.VARA LAKSHMI	721135405020	I -B.Sc (MPC)	K. Varalakshmi
21.	K.D.RAVI KUMAR	721135405021	I -B.Sc (MPC)	K. D. Ravikumar
22.	K.PAVANI	721135405022	I -B.Sc (MPC)	K. pavani
23.	K.SIVA KRISHNA	721135405023	I -B.Sc (MPC)	K. siva krishna
24.	M.LOKESWARI	721135405024	I -B.Sc (MPC)	M. Lokeshwari
25.	M.NANI BABU	721135405025	I -B.Sc (MPC)	M. Nani babu
26.	M.BHARATHI	721135405026	I -B.Sc (MPC)	M. Bharathi
27.	O.PAVAN	721135405027	I -B.Sc (MPC)	O. Pavan
28.	P.GAYATHRI	721135405028	I -B.Sc (MPC)	P. Gayathri
29.	P.VAMSI KRISHNA	721135405029	I -B.Sc (MPC)	P. Vamsi krishna
30.	P.SIVA PARVATHI	721135405030	I -B.Sc (MPC)	P. siva parvathi
31.	P.RUPA DEVI	721135405031	I -B.Sc (MPC)	P. Rupa devi
32.	P.ANUSHA	721135405032	I -B.Sc (MPC)	P. Anusha
33.	P.VENKATESH	721135405033	I -B.Sc (MPC)	P. Venkatesh
34.	S.VAMSI	721135405034	I -B.Sc (MPC)	S. Vamsi
35.	S.BHAGYA LAKSHMI	721135405035	I -B.Sc (MPC)	S. Bhagyalakshmi
36.	T.SAI KUMARI	721135405036	I -B.Sc (MPC)	T. Sai kumari
37.	T.HYMA	721135405037	I -B.Sc (MPC)	T. Hyma
38.	V.HEMANTH KUMAR	721135405038	I -B.Sc (MPC)	V. Hemant kumar



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39.	V.POOJITHA	721135405039	I -B.Sc (MPCs)	V. poojitha
40.	Y.SAI KIRAN	721135405040	I -B.Sc (MPCs)	Y. Sai Kiran
41.	A.HEMANTH	721135405041	I -B.Sc (MPCs)	A. Hemanth
42.	A.KARUNA KUMARI	721135405042	I -B.Sc (MPCs)	A. karuna kumari
43.	B.DURGA	721135405043	I -B.Sc (MPCs)	B. Durga
44.	B.M.SWAMI	721135405044	I -B.Sc (MPCs)	B. M. Swami
45.	B.EESWANYA	721135405045	I -B.Sc (MPCs)	B. Eeswanya
46.	B.KRISHNA KUMAR	721135405046	I -B.Sc (MPCs)	B. Krishna Kumar
47.	CH.BHARGAVI	721135405047	I -B.Sc (MPCs)	Ch. Bhargavi
48.	D.JYOTSNA	721135405048	I -B.Sc (MPCs)	D. Jyotsna
49.	D.SIVA	721135405049	I -B.Sc (MPCs)	D. Siva
50.	D.G.S.ABHIRAM	721135405050	I -B.Sc (MPCs)	D. G. S. Abhiram
51.	E.N.VARA LAKSHMI	721135405051	I -B.Sc (MPCs)	E. N. Vara Lakshmi
52.	G.PRASANNA	721135405052	I -B.Sc (MPCs)	G. Prasanna
53.	G.SRINIVAS	721135405053	I -B.Sc (MPCs)	G. Srinivas
54.	G.SAI	721135405054	I -B.Sc (MPCs)	G. Sai
55.	LL.VARA BHAVANI	721135405055	I -B.Sc (MPCs)	L. L. Vara Bhavani
56.	K.S.GAYATHRI	721135405056	I -B.Sc (MPCs)	K. S. Gayathri
57.	K.BHAGYASRI	721135405057	I -B.Sc (MPCs)	K. Bhagyasri
58.	K.VINAY	721135405058	I -B.Sc (MPCs)	K. Vinay
59.	K.YAMINI DEVI	721135405059	I -B.Sc (MPCs)	K. Yamini Devi
60.	K.PAVANI	721135405060	I -B.Sc (MPCs)	K. Pavani
61.	L.RAJITH KUMAR	721135405061	I -B.Sc (MPCs)	L. Rajith Kumar

62.	M.M.SWAMY	721135405062	I -B.Sc (MPCs)	M. M. Swamy
63.	M.YASODHA	721135405063	I -B.Sc (MPCs)	M. Yasodha
64.	M.SAI	721135405064	I -B.Sc (MPCs)	M. Sai
65.	M.SRIKANTH	721135405065	I -B.Sc (MPCs)	M. Srikanth
66.	M.K.N.D.M.G.BHAVANI	721135405066	I -B.Sc (MPCs)	M. K. N. D. M. G. Bhavani
67.	M.SUJA	721135405067	I -B.Sc (MPCs)	M. Suja
68.	M.H.M.VANI	721135405068	I -B.Sc (MPCs)	M. H. M. Vani
69.	M.SANTOSH	721135405069	I -B.Sc (MPCs)	M. Santosh
70.	M.VENKATI	721135405070	I -B.Sc (MPCs)	M. Venkati
71.	P.HYMAVATHI	721135405071	I -B.Sc (MPCs)	P. Hymanvathi
72.	P.R.NARENDRA	721135405072	I -B.Sc (MPCs)	P. R. Narendra
73.	P.DAKSHAYANI	721135405073	I -B.Sc (MPCs)	P. Dakshayani
74.	R.NEERAJA	721135405074	I -B.Sc (MPCs)	R. Neeraja
75.	S.V.BHAVANI	721135405075	I -B.Sc (MPCs)	S. V. Bhavani
76.	S.SANDHYA VENI	721135405076	I -B.Sc (MPCs)	S. Sandhya Veni
77.	U.D.V.SANTOSH	721135405077	I -B.Sc (MPCs)	U. D. V. Santosh
78.	V.N.L.PRABHAKAR	721135405078	I -B.Sc (MPCs)	V. N. L. Prabhakar
79.	V.LOVA RAJU	721135405079	I -B.Sc (MPCs)	V. Lova Raju
80.	Y.K.D.PRASAD	721135405080	I -B.Sc (MPCs)	Y. K. D. Prasad



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Department of Physics

List of Students Enrolled for Add-on Course

For the Academic year 2021-22

Topic:- Study and Repairing of Cell Phone

S.No	Name	Regd.No	Class	Signature
81	A.S.V.GOWRI	720135405001	II B.Sc (MPC)	A.S.V.Gowri
82	A.NAGAPUSHPA	720135405002	II B.Sc (MPC)	A. Nagapushpa
83	B.BALASUBRAMANYAM	720135405003	II B.Sc (MPC)	B. Balasubramanyam
84	B.SIVALAKSHMI	720135405004	II B.Sc (MPC)	B. Siva lakshmi
85	B.BHARATHI	720135405005	II B.Sc (MPC)	B. Bhargavi
86	CH.SUBHALAXMI	720135405006	II B.Sc (MPC)	Ch. Subhalaxmi
87	D.VARALAKSHMI	720135405007	II B.Sc (MPC)	D. Varalakshmi
88	K.NAVYA	720135405008	II B.Sc (MPC)	K. Navya
89	K.SHIRISHA	720135405009	II B.Sc (MPC)	K. Shirisha
90	K.B.N.BHUVANVSHWARI	720135405010	II B.Sc (MPC)	K.B.N. BHUVAN SHWARI
91	K.DEEPIKA	720135405011	II B.Sc (MPC)	K. Deepika
92	K.PAVANI TEJASRI	720135405012	II B.Sc (MPC)	K. Pavani tejasee
93	M.SRAVANTHI	720135405013	II B.Sc (MPC)	M. Sravanthi
94	M.RAJU	720135405014	II B.Sc (MPC)	M. Raju
95	M.KRISHNAVENI	720135405015	II B.Sc (MPC)	M. Krishnaveni
96	M.GAYATHRI	720135405016	II B.Sc (MPC)	M. Gayathri
97	M.VARMA	720135405017	II B.Sc (MPC)	M. Varma
98	M.RAJESHWARI	720135405018	II B.Sc (MPC)	M. Rajeshwari
99	N.NIRANJAN KUMAR	720135405019	II B.Sc (MPC)	N. NIRANJAN kumar



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100	N.GANESHINI	720135405020	II B.Sc (MPC)	N.Ganeshini
101	P.SRIVIDYA	720135405021	II B.Sc (MPC)	P. Srividya
102	P.DURGA VANI	720135405022	II B.Sc (MPC)	P. Durga Vani
103	P.PADMA	720135405023	II B.Sc (MPC)	P. Padma
104	R.GANGABHAVANI	720135405024	II B.Sc (MPC)	R. Gangabharani
105	S.LEELAVATHI	720135405025	II B.Sc (MPC)	S. Leelavathi
106	S.UMADEVI	720135405026	II B.Sc (MPC)	S. Umadevi
107	S.GAYATHRI	720135405027	II B.Sc (MPC)	S. Gayathri
108	T.LEELAVATHI	720135405028	II B.Sc (MPC)	T. Leelavathi
109	AAVALA PAPARAYUDU	720135405030	II B.Sc (MPC)	A. Paparayudu
110	ADARI APARNA	720135405031	II B.Sc (MPCs)	A. Aparna
111	ADIKARI ARUN KUMAR	720135405032	II B.Sc (MPCs)	A. Arun Kumar
112	ANAPARTHI SOWMYA	720135405033	II B.Sc (MPCs)	A. Sowmya
113	ARAVINDE SARAPU	720135405034	II B.Sc (MPCs)	E. Aravind
114	BALAJI BODDAPU	720135405035	II B.Sc (MPCs)	B. Babji
115	BANDARU RAMADEVI	720135405036	II B.Sc (MPCs)	B. Ramadevi
116	DASARI BHAVANI	720135405037	II B.Sc (MPCs)	D. Bhavani
117	DHOLI PRASAD	720135405038	II B.Sc (MPCs)	D. Prasad
118	DHULI NADIYA NAGALAKSHM	720135405039	II B.Sc (MPCs)	D. Nagalakshmi
119	GUDDATI SAMBHAVIDEVI	720135405040	II B.Sc (MPCs)	G. Jyothi
120	JERRIPOTHULA JYOTHI	720135405041	II B.Sc (MPCs)	J. Jyothi
121	KAKARA SATHYA	720135405042	II B.Sc (MPCs)	K. Sathya
122	KASALA KAVITHA	720135405043	II B.Sc (MPCs)	K. Kavitha
123	KOILADA PRASAD	720135405044	II B.Sc (MPCs)	K. Prasad
124	KOILADA TRIVENI	720135405045	II B.Sc (MPCs)	K. Triveni



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125	KORIBILLINAVYA	720135405046	II B.Sc (MPCs)	KORIBILLINAVYA
126	KURAKULA ROHINI	720135405047	II B.Sc (MPCs)	K Rohini
127	MADAM VASUNDHARA	720135405048	II B.Sc (MPCs)	M Vasundhara
128	MALLA RAMANI	720135405049	II B.Sc (MPCs)	M. Ramani
129	MAMIDI ASHOK	720135405050	II B.Sc (MPCs)	M. Ashok
130	MAMIDI RUPA	720135405051	II B.Sc (MPCs)	M. Rupa
131	MAMIDI SANDEEP	720135405052	II B.Sc (MPCs)	M. Sandeep
132	NAGIREDDI LEELA LAKSHMI	720135405053	II B.Sc (MPCs)	N. Leela Lakshmi
133	NANEPALLI JAHNAVI	720135405054	II B.Sc (MPCs)	N. Jahnavi
134	NEELAM BALA KANAKA DUR	720135405055	II B.Sc (MPCs)	NEELAMBALA KANAKADUR
135	NEELAM SRIDEVI	720135405056	II B.Sc (MPCs)	P. Hemalatha
136	PEDAPUDI HEMA LATHA	720135405057	II B.Sc (MPCs)	P. Hema Latha
137	POSINA SRIDEVI	720135405058	II B.Sc (MPCs)	P. Sri Devi
138	PRAGADA RAMAKRISHNA	720135405059	II B.Sc (MPCs)	P. Ramakrishna
139	PUDI HARIKA	720135405060	II B.Sc (MPCs)	P. Harika
140	SIDDA USHA SRI VENKATA LA	720135405061	II B.Sc (MPCs)	SIRASAPALLIGANESARAI
141	SIRASAPALLIGANESARAI	720135405062	II B.Sc (MPCs)	S. Ganeshasai
142	TAPPETLA PRASANNA KUMAR	720135405063	II B.Sc (MPCs)	T. Prasanna Kumar
143	TATIPAKA PALLAVI	720135405064	II B.Sc (MPCs)	T. Pallavi
144	TETAKALA MANIKANTA	720135405065	II B.Sc (MPCs)	T. Manikanta
145	VANTAKULA RAMA LAKSHMI	720135405066	II B.Sc (MPCs)	V. Rama Lakshmi
146	VASUPALLI SIMHADRI	720135405067	II B.Sc (MPCs)	V. Simhadri
147	YENUKUNTI NAGA DURGA	720135405068	II B.Sc (MPCs)	Y. Naga Durga

Head of the Department
Department of Physics
S.G.A. Govt. College



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Department of Physics

Attendance of the Students

For the Academic year 2021-22

Topic:- House wiring, repairing of fan and mixer

S.No	Name	Regd.No	Attendance														
			22-1	24-1	25-1	27-1	28-1	29-1	31-1	1-2	2-2	3-2	4-2	5-2	7-2	8-2	9-2
1.	A. LAKSHI LAVANYA	721135405002	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
2.	B. VARSHASRI	721135405003	P	P	P	A	P	P	P	P	P	P	P	A	P	P	P
3.	B.RADHA	721135405004	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P
4.	B.BHANU	721135405005	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P
5.	A. SURYA PRASAD	721135405001	P	P	P	P	P	P	A	P	P	P	P	P	P	P	A
6.	B.KARUNA KUMAR	721135405006	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P
7.	B.SIRISHA	721135405007	P	P	A	P	P	P	P	P	A	P	P	P	P	P	P
8.	CH.DEVI	721135405008	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
9.	CH.RAJYA LAKSHMI	721135405009	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
10.	CH.CHITTI	721135405010	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P
11.	D.PRASAD	721135405011	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
12.	D.BALA VEERA MANI	721135405012	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P
13.	D.DIVYA RANI	721135405013	P	P	P	P	P	P	P	P	P	A	P	P	P	P	A
14.	D.RUPAVATHI	721135405014	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P
15.	G.NAGESWARA RAO	721135405015	P	P	A	A	P	P	P	P	P	P	P	P	P	P	A

A. Lakshmi Lavanya

B. Varshasri

B. Radha

B. Bhanu

A. Surya Prasad

B. Karun Kumar

B. Sirisha

Ch. Devi

Ch. Rajya Lakshmi

Ch. Chitti

D. Prasad

D. Bala Veera Mani

D. Divya Rani

D. Rupavathi

G. Nageswara Rao



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16.	G.AKHIL	721135405016	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	G. Akhil
17.	K.V.NAGESWARI	721135405017	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	K.V. Nageswari
18.	K.NAGESH	721135405018	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	K. Nagesh
19.	K.PRASAD	721135405019	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	K. Prasad
20.	K.VARA LAKSHMI	721135405020	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	K. Vara Lakshmi
21.	K.D.RAVI KUMAR	721135405021	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	K.D. Ravi Kumar
22.	K.PAVANI	721135405022	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	K. Pavani
23.	K.SIVA KRISHNA	721135405023	A	P	P	A	P	P	A	P	P	P	P	P	P	P	P	K. S. Krishna
24.	M.LOKESWARI	721135405024	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M. Lokeswari
25.	M.NANI BABU	721135405025	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	M. Nani Babu
26.	M.BHARATHI	721135405026	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	M. Bharathi
27.	O.PAVAN	721135405027	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	O. Pavan
28.	P.GAYATHRI	721135405028	A	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P. Gayathri
29.	P.VAMSI KRISHNA	721135405029	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P. Vamsi Krishna
30.	P.SIVA PARVATHI	721135405030	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P. Siva Parvathi
31.	P.RUPA DEVI	721135405031	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P. Rupa Devi
32.	P.ANUSHA	721135405032	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P. Anusha
33.	P.VENKATESH	721135405033	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P. Venkatesh
34.	S.VAMSI	721135405034	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	S. Vamsi
35.	S.BHAGYA LAKSHMI	721135405035	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	S. Bhagyalakshmi
36.	T.SAI KUMARI	721135405036	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	T. Sai Kumari
37.	T.HYMA	721135405037	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	T. Hyma
38.	V.HEMANTH KUMAR	721135405038	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	V. Hemanth Kumar



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39.	V.POOJITHA	721135405039	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	V. Poojitha
40.	Y.SAI KIRAN	721135405040	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	Y. Saikiran
41.	A.HEMANTH	721135405041	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	A. Hemanth
42.	A.KARUNA KUMARI	721135405042	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	A. Karunakumari
43.	B.DURGA	721135495043	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	B. Durga
44.	B.M.SWAMI	721135405044	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	B. M. Swami
45.	B.EESWANYA	721135405045	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	B. Eeswanya
46.	B.KRISHNA KUMAR	721135405046	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	B. Krishnakumar
47.	CH.BHARGAVI	721135405047	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	Ch. Bhargavi
48.	D.JYOTSNA	721135405048	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	D. Jyotsna
49.	D.SIVA	721135405049	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	D. Siva
50.	D.G.S.ABHI RAM	721135405050	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	D. G. S. Abhi ram
51.	E.N.VARA LAKSHMI	721135405051	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	E. N. Varalakshmi
52.	G.PRASANNA	721135405052	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	G. Prasanna
53.	G.SRINIVAS	721135405053	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	G. Srinivas
54.	G.SAI	721135405054	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	G. Sai
55.	I.L.VARA BHAVANI	721135405055	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	I. L. Varabhavani
56.	K.S.GAYATHRI	721135405056	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	K. S. Gayathri
57.	K.BHAGYASRI	721135405057	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	K. Bhagyasree
58.	K.VINAY	721135405058	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	K. Vinay
59.	K.YAMINI DEVI	721135405059	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	K. Yamini devi
60.	K.PAVANI	721135405060	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	K. Pavani
61.	L.RAJITH KUMAR	721135405061	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	L. Rajith Kumar

[illegible]

[illegible]

Head of the Department
Department of Physics



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Add-on course Topic: Study and Repairing of Cell Phone.

Time:1 ½ hour

Max Marks:50

SECTION -A

I. Answer any two of the following questions 2 x 10=20 m

1. Draw and explain Block diagram of Cell Phone.
2. Explain the Characteristics of Mobile Communication.
3. Explain about Read only Memory (RAM).
4. Explain the following
 - (i). Network IC
 - (ii). 26MHz crystal oscillator
 - (iii). Voltage controller oscillator (VCO),

SECTION -B

II. Answer any four of the following questions 4 x 5 =20 m

1. Write the differences between RAM and ROM
2. Write a note on Network Management.
3. Write the advantages of Mobile Communication.
4. Write a note on trouble shooting of issues regarding charging port
5. Write a note on Real time Clock (RTC)
6. Explain about trouble shooting of phone over heating.

SECTION -C

III. Answer all of the following questions 5 x 2=10 m

1. Define is Mobile ?
2. What is Communication ?
3. Write a short note on antenna switch.
4. Write the parts of Cell Phone.
5. What is App crashing.


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055



SUMMARY REPORT

STUDY AND REPAIRING OF CELL PHONE

The department of physics started Add- on course on "Study and Repairing of Cell Phone" with 147 enrolled students. This batch comprises of I and II year students. We have conducted 24 theory hours and 6 practical hours. Conducted exam for 50 marks and issued certificates to the 132 successful students.

Our department aims to start this add on course for attaining skill to repair Cell Phone and resolve the various trouble shooting issues of Cell Phone on their own. In addition to above they will earn pocket money for their educational needs. Some of our students got expertise in this area and earning some money. They are going for doing part time job in local Cell Phone repairing centers and do some help to neighbors in repairing of phones .

Students enrolled:	147
Successfully completed:	132
Practical hours conducted:	6
Theory hours conducted :	24
Maximum marks :	50 marks
Time allotted :	2 hours
Certificates issued :	Issued to all the successful students.


Head of the Department
Department of Physics
S.G.A. Govt. Degree College
Yellamanchili-531055

Course Co-ordinator

Faculty in Physics



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Yellamanchili Visakhapatnam Andhra Pradesh



CERTIFICATE OF APPRECIATION

This certificate is awarded to Sri/ Kum _____
of I and II B.Sc (MPC / MPCs) on completion of Add on Course in "STUDY AND
REPAIRING OF CELL PHONE" , organised by Department of Physics for the Academic year
2021-22.

Course co-ordinator
HOD ,Department of Chemistry

Principal