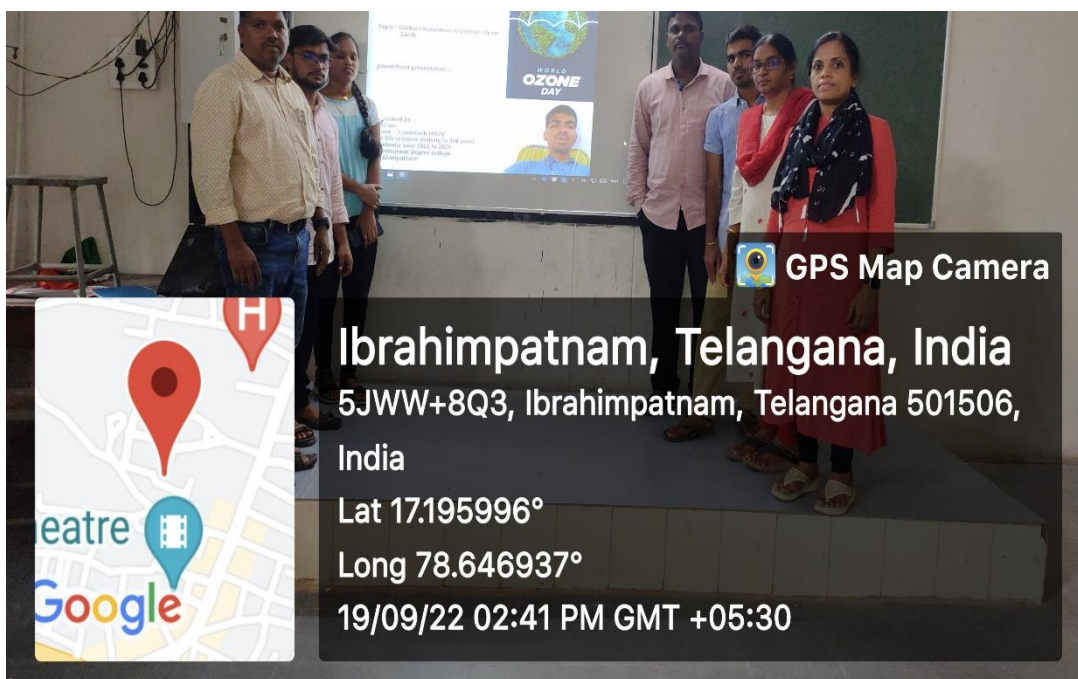




GOVERNMENT DEGREE COLLEGE- IBRAHIMPATNAM
DEPARTMENT OF PHYSICS

Innovative Best practices & Achievements 2021-22

The Department physics conducted a competition on ozone day on the theme of '**Ozone Layer Depletion and Its Protection**' on 19th September 2022 as per the instructions received from the office of the commissioner of collegiate education. The total the total number of participants was 5.





**GOVERNMENT OF TELANGANA
COMMISSIONERATE OF COLLEGIATE EDUCATION**

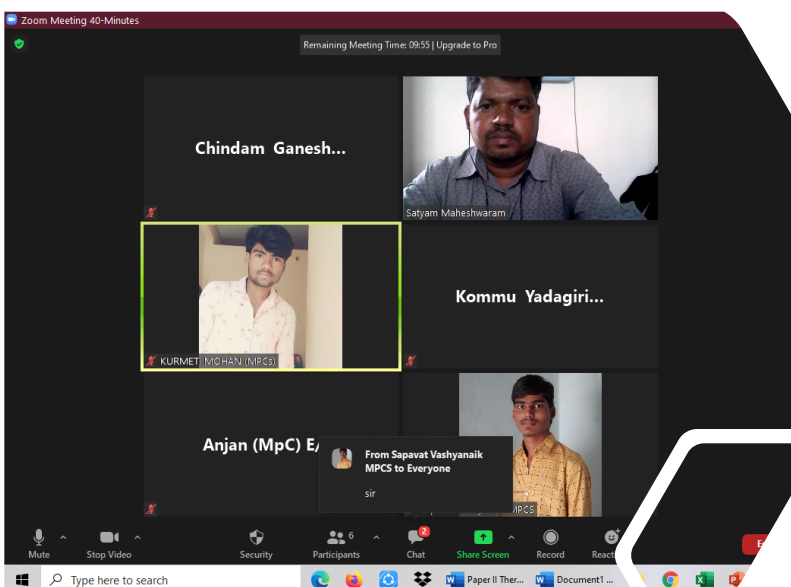
List of Winners for Competitions conducted by EPTRI in collaboration with Commissionerate of Collegiate Education, Hyderabad and Telangana State Pollution Control Board, in GDCs on the occasion of 'International Day for the Preservation of Ozone layer'

Sl.No.	Name of the District	Position	Name of the Student	Name of the GDC
44	Ranga Reddy	I	Anurag Pandey	GDC Hayathnagar
45	Ranga Reddy	II	N. Yashwanth	GDC Ibrahimpatnam
46	Ranga Reddy	III	L Somnath Reddy	GDC Ibrahimpatnam

Modern Teaching Methods:

The department of Physics has been using modern teaching methods to enable the latest technology to students and encouraging them to learn the contents in more advanced manner.

We are also proving this content as e- content in YouTube.



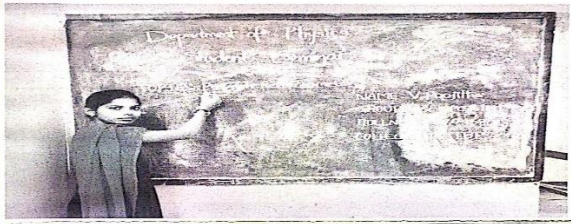
Details of E- Content or Modern Teaching Methods

Sl.No	Toipc	You tube /Gogle Drive Link
1	BCS Theory (Telugu Version)	https://youtu.be/82p4w9hVj34
2	Consepts of Electromagnetism	https://youtu.be/46QQhUSSNPA
3	Consepts of Electromagnetism(Telugu Version)	https://youtu.be/07a2Vsf2cV4
4	Electromagnetism Part 2	https://youtu.be/i8_R7chuoKY
5	Electromagnetism Part 2 (Telugu Version)	https://youtu.be/Iv8xikVzGBA
6	Charged particle behavior in E & M Fields	https://youtu.be/9ODqfEZbHa8
7	Charged particle behavior in E & M Fields(Telugu Version)	https://youtu.be/J0goq2Sg7uc
8	Properties of nucleus	https://youtu.be/U3daDkmZ_74
9	Properties of nucleus (Telugu Version)	https://youtu.be/QzxqP1VAUWU
10	Binding Energy and Properties of nuclear forces	https://youtu.be/HxLKZ3nzwls
11	Binding Energy and Properties of nuclear forces (Telugu Version)	https://youtu.be/7RTtP0YO9Tw
12	Liquid drop model of nucleus	https://youtu.be/aEhRwmLqerk
13	Liquid drop model of nucleus (Telugu Version)	https://youtu.be/d69Z6FIxzaU
14	Semi-empirical mass formula	https://youtu.be/QiUcliz39mw
15	Semi-empirical mass formula(Telugu Version)	https://youtu.be/Y-FYMIJ6f7E
16	Shell model of nucleus	https://youtu.be/V8V_uaoCcb8
17	Electromagnetism-Interaction session	https://youtu.be/IwTiYisb2mA
<u>SATYANARAYANA MAHESHWARAM</u>		
18	<u>Electromagnetic induction</u>	https://studio.youtube.com/video/f13N8-xv3ao/edit
19	<u>Magnetostatics Energy storage and Galvanometer</u>	https://studio.youtube.com/video/bVZGmfkK5f0/edit
20	<u>Problems on Magnetostatics</u>	https://studio.youtube.com/video/gHm-lcR5Kd0/edit
21	<u>Amperes law and its Applications</u>	https://studio.youtube.com/video/5z30RHByNIc/edit

STUDENT SEMINARS

The Department of Physics was conducted student seminars for the academic year 2021-22. The following students are presented the seminars.

Name: - V. poojitha
 class : Bsc CMPCD EIM7
 Topic : puissich method
 photo :



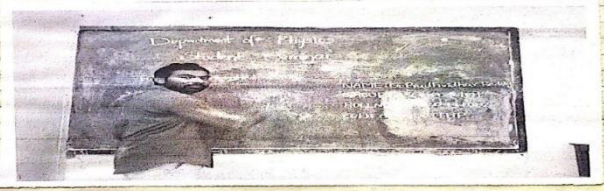
Signature of the student

s.no	roll no	Name of the student	Signature
1	203820468001	K. Bhonu Prakash	Bhonu Prakash
2	203820491001	B. Suresh	B. Suresh
3	203820468001	@ phoskar	phoskar
4	203820468017	ei kumar	ei kumar
5	203820468016	T. Premalatha	Premath
6	2038-20-441-002	G. Prudhivudha Reddy	G. Prudhivudha Reddy
7	2038-20-468-008	K. shiva	K. shiva
8	2038-20-44-1006	M. Anil	M. Anil

Department of Physics
 Govt. Degree College
 Ibrahimpatnam, R.R. Dist. T.S.

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Name : G. Prudhivudha Reddy
 class : B.sc MPC
 Topic : stretched string.
 photo



Signature of the student :-

s.no	roll no	Name of the student	sign
1	B. Suresh	B. Suresh	B. Suresh
2	203820491001	V. Pavan	V. Pavan
3	203820441007	ei kumar	ei kumar
4	203820468017	ei kumar	ei kumar
5	2038204411006	M. Anil	M. Anil
6	203820468007	K. shiva	K. shiva
7	203820468018	V. poojitha	V. poojitha
8	203820441005	M. Anitha	M. Anitha
9			
10			

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FIELD TRIP

The department of Physics & Other departments arranged a Field trip to the students on 10-06-2022. We visited Vaishnavi oil mill which is located at Bonloor. The students were exposed to the operation of machinery with power requirement, consumption of Electricity, Power loss of electricity and oil production in the factory.



SEMINARS & WORKSHOPS

Participated in online training Programme which was conducted by CSIR-NPL-New Delhi from 14th -15th March 2022.



Participated in one day national seminar which was conducted by GDC(W)-Warangal on 2nd June 2022.



Participated in FDP which was conducted by Govt. City College- Nayapul, Hyderabad from 13th to 18th September 2021.



Participated in webinar which was conducted by Govt. City College- Nayapul, Hyderabad from 13th to 18th September 2021.



Attended FDP program for Physics faculty at undergraduate level which was conducted by MG University- Nalgonda from 26th to 30th July 2022.



MAHATMA GANDHI UNIVERSITY

NALGONDA - 508 254 (TS)



One Week
**Faculty Development Program
for Physics Faculty at Undergraduate Level**

(Sponsored by the Telangana State Council of Higher Education, Telangana)

July 26 - 30, 2022

CERTIFICATE

This is to certify that Dr./Mr./Ms M. Sathyanarayana, Asst. Professor affiliated
to Govt. Degree College, Ibrahimpatnam. has participated in the
One Week Faculty Development Program (FDP) for Physics Faculty at Undergraduate Level conducted by the
Department of Physics, Mahatma Gandhi University, Nalgonda - 508254 during July 26-30, 2022.

Dr. N. Bikshamaiah
Organizing Secretary
I/c Head, Department of Physics
Mahatma Gandhi University

Prof. P. Yadagiri Reddy
Program Director
Adjunct Professor of Physics
Mahatma Gandhi University



GOVERNMENT DEGREE COLLEGE- IBRAHIMPATNAM
DEPARTMENT OF PHYSICS

Digital Teaching Methods 2021-22

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