

ACTIVITY PROFORMA
GOVERNMENT COLLEGE FOR WOMEN(A)
GUNTUR

2017-18

DEPARTMENT OF PHYSICS

Name of the Activity	::	Celebration of Dr. A. B. J. Abdul Kalam's Birthday
Date	::	16/10/2017
Period	::	2.30 pm -4 pm
Activity done	::	Students delivered their knowledge about Dr. Kalam
Students Present	::	II B.Sc. Students
No.of students Present	::	65





DEPARTMENT OF PHYSICS

Name of the Activity	::	INVITED LECTURE
Date	::	13/10/2017
Period	::	2 PM-4 PM
Topic	::	Nano materials & Nano Science
Resource Person	::	Dr. J. Nischal Kiran, Associate Professor in Physics, VFSTR UNIVERSITY ,Vadlamudi, Guntur
Students Present	::	III B.Sc Students
Brief Description	::	Dr. J. Nischal Kiran, Associate Professor in Physics, VFSTR UNIVERSITY is a very experienced in teaching Nano Science for B.Tech Students. He taught the topic in a very interesting mode. Students listened the lesson very curiously and clarified their doubts.

Profile of the Guest Lecturer

1	Name	::	Dr J. Nischal Kiran
2	Designation	::	Associate Professor in Physics, VFSTR University,Vadlamudi, Guntur
3	Qualifications	::	M.Sc.,M.Phil.,Ph.D.
4	Teaching Experience	::	22 Years
5	No. of Publications	::	8
6	Conference Presentations	::	12
7	Workshops/ Seminars attended	::	35
8	Additional achievements	::	15 times Best Teacher awardee at University level
		::	Coordinator for Dept. of S & H ,VFSTRU
		::	Co-ordinator for Department/University level Inspecting bodies as NBA, NAAC, ISO, UGC, AICTE etc.
		::	Member of BOS, BOA, and BOR at VFSTRU, Guntur





GOVERNMENT COLLEGE FOR WOMEN(AUTONOMOUS),GUNTUR.

DEPARTMENT OF PHYSICS

(ENERGY CLUB)

ENERGY CONSERVATION DAY

19-12-2017.

TIME :: 10 AM -12 NOON

BRIEF REPORT::

ENERGY CONSERVATION WEEK WAS OBSERVED FROM

14-12-2017 TO 20-12-17 BY APSDCL .

As a part of this programme a rally was conducted.

The students of government college for women,Guntur

Participated in this programme under the guidance of

department of physics(energy club) on 19-12-2017

from 10 am to 12 noon. All the staff members of

department of physics participated in this programme







Class room seminars

Name of the Department	::	DEPARTMENT OF PHYSICS
Date	::	24/10/2017
Time	::	11 am to 12 noon
Type of Activity	::	Student Seminar
Name of the Student	::	A.Poojitha mani, III B.Sc.M.P.Cs\
Guided by	::	Dr. N. Manjula Bharathi
Participants	::	III B.Sc Students (M.P.C &M.P.Comp)
Topic	::	Problems in X ray diffraction

The students of III B.Sc of both the groups interested to understand the problem and the way of solving the problem.

The peer team solved easily similar type of problems.



Name of the Department :: DEPARTMENT OF PHYSICS
 Date :: 24/10/2017
 Time :: 11 am to 12 noon
 Type of Activity :: Student Seminar
 Name of the Student :: B. Vanaja, III B.Sc.M.P.Cs
 Guided by :: Dr. N. Manjula Bharathi
 Participants :: III B.Sc Students
 (M.P.C &M.P.Comp)
 Topic :: Problems in X ray diffraction

The students of III B.Sc of both the groups interested to understand the problem and the way of solving the problem.
 The peer team solved easily similar type of problem



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 24/10/2017

Time :: 11 am to 12 noon

Type of Activity :: Student Seminar

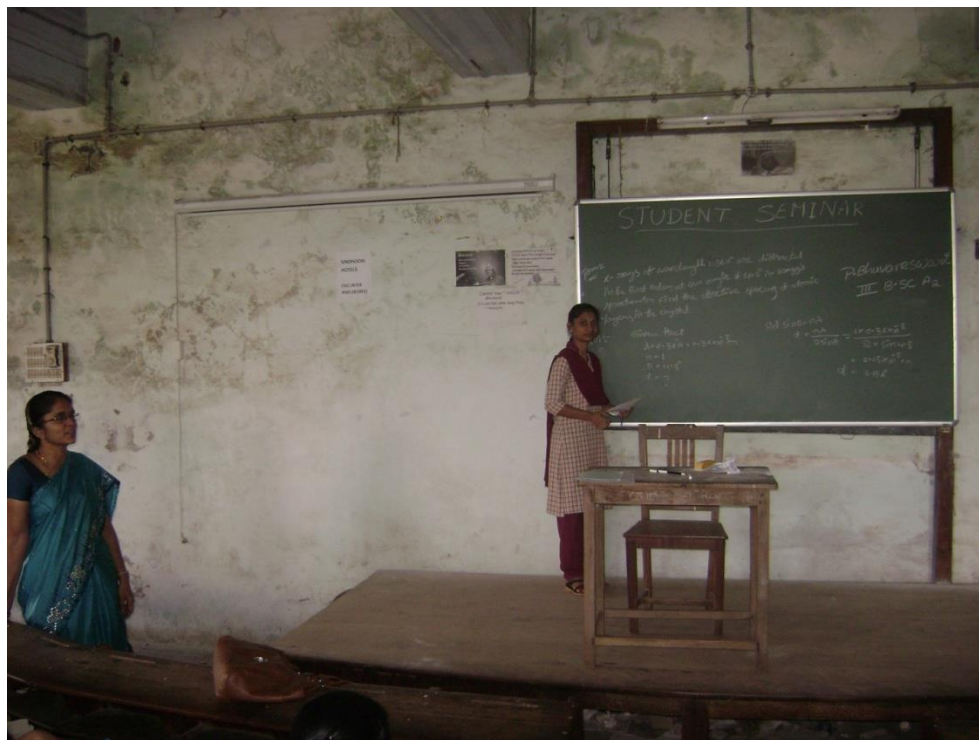
Name of the Student :: P.Bhuvaneswari, III B.Sc.M.P.Cs

Guided by :: Dr. N. Manjula Bharathi

Participants :: III B.Sc Students
(M.P.C &M.P.Comp)

Topic :: Problems in X ray diffraction

The students of III B.Sc of both the groups interested to understand the problem and the way of solving the problem.
The peer team solved easily similar type of problems.



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 18/11/2017

Time :: 11 am to 12 noon

Type of Activity :: Student Seminar

Name of the Student :: Y.ASWANI, III B.Sc.M.P.C.

Guided by :: Dr. N. Manjula Bharathi

Participants :: III B.Sc Students
(M.P.C &M.P.Comp)

Topic :: Experimental illustrations of
Consequences of Uncertainty Principle-
Diffraction by a single slit

Description in brief :: The student explained the consequence of uncertainty principle by using single slit diffraction with a neat diagram. The peer team listened the topic carefully and interestingly and cleared their doubts.



PROFORMA OF ACTIVITY

Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 18/11/2017

Time :: 11 am to 12 noon

Type of Activity :: Student Seminar

Name of the Student :: Akhila Talath, III B.Sc.M.P.C.

Guided by :: Dr. N. Manjula Bharathi

Participants :: III B.Sc Students
(M.P.C &M.P.Comp)

Topic :: Experimental illustrations of
Consequences of Uncertainty Principle-Determination
of position of a particle by gamma ray microscope

Description in brief :: The student explained the consequence of uncertainty principle in the process of determination of position of a particle by using gamma ray microscope with a neat diagram. The peer team listened the topic carefully and interestingly and cleared their doubts.



PROFORMA OF ACTIVITY

Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 20-12-17

Time :: 10-11pm

Type of Activity :: Quiz Competition

Participants :: II B.Sc Students
(M.P.C &M.P.Comp)

Conducted by :: SK.JUBEDA ,Dept. of Physics,
GCW(A),Guntur

Description In brief :: A quiz was conducted among the students of II B.Sc . We divided the students into four groups. We observed a huge response from the students. They answered sharply. Prize was announced for the winner team.

Result :: Group A has scored 14 Marks ,Group B has scored 11 ½ Marks and Group C has secured 12 ½ marks and Group D has scored 2 marks. Quiz master has got 08 marks. So finally Group A has won the Quiz Competition .



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 29.12.17

Time :: 3.10-4.00pm

Type of Activity :: Group Discussion

Topic :: Matrix methods in paraxial optics

Participants :: II B.Sc Students
(M.P.C &M.P.Comp)

Conducted by :: SK.JUBEDA, Dept. of Physics.

Description in brief :: group discussion was arranged among the students of II B.Sc on the topic Matrix methods in paraxial optics '. We observed a huge response from the students. They shared their views freely.



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 15.12.17

Time :: 3.10-4.00pm

Type of Activity :: Student Seminar

Topic :: Ruby Laser

Presented by :: B.Shyama Deepica,IIB.Sc M.P.C

Participants :: II B.Sc Students
(M.P.C &M.P.Comp)

Conducted by :: SK.JUBEDA,Dept. of Physics.

Description in brief :: B. Shyam Deepica, has presented a seminar on Ruby Laser. She has explained in detail the construction and working of the Ruby Laser.



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 19.12.17

Time :: 2.20-3.10pm

Type of Activity :: Student Seminar

Topic :: Fiber optic communication system

Presented by :: K. Radha Krishnaveni,
II B.Sc ,M.P.Cs

Participants :: II B.Sc Students
(M.P.C &M.P.Comp)

Conducted by :: SK.JUBEDA, Dept. of Physics.

Description in brief :: K.Radha Krishnaveni, has presented a seminar on Fiber optic communication system. she has explained in detail the essential parts of Fiber optic communication system.



Name of the Department :: **DEPARTMENT OF PHYSICS**

Date :: **03.01.18**

Time :: **10.00-11.00am**

Type of Activity :: **Student Seminar**

Topic :: **Cosine Law**

Presented by :: **Ch.Latha,IIB.Sc ,m.p.cs**

Participants :: **II B.Sc Students**
(M.P.C &M.P.Comp)

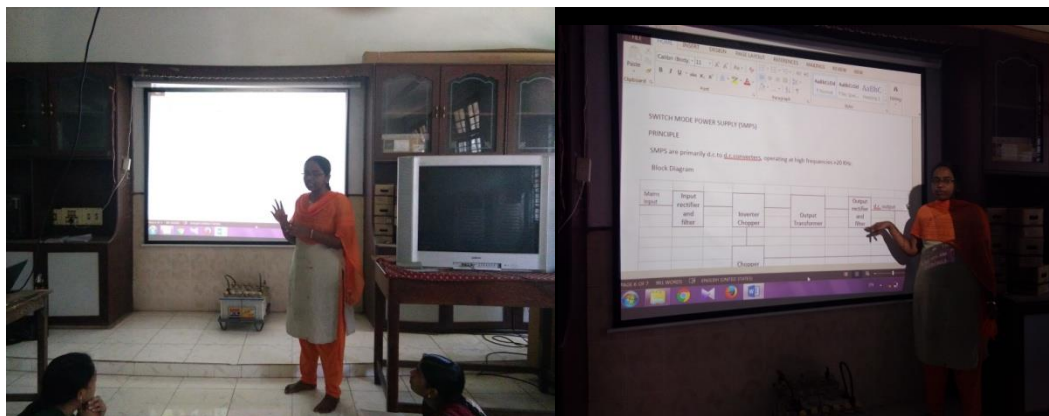
Conducted by :: **SK.JUBEDA, Dept. of Physics.**

Description in brief :: Ch. Latha , has presented a seminar on Cosine Law. she has explained in detail the interference of light by a plane wave ,obliquely incident on a thin film due to reflected light.



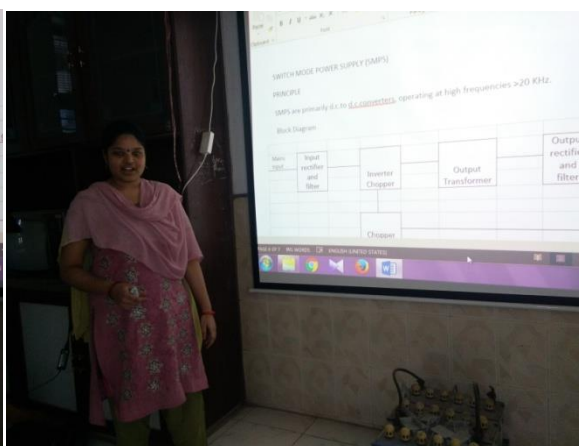
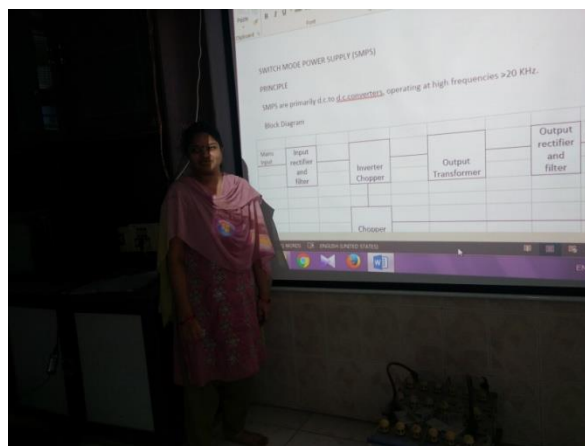
DEPARTMENT OF PHYSICS

1	Name of the Activity	::	Class room Seminar
2	Date	::	25/1/2018
3	Period	::	4.00 -4.30PM
4	Topic	::	SMPS – construction and working
5	Name of the student	::	B.Pravallika, III B.Sc M.PC
6	Students Present	::	III B.Sc Students
7	Brief Description of Topic	::	B.Pravallika of III B.Sc(MPC) gave a seminar on SMPS using LCD Projector. She explained the construction and working of SMPS and its applications.



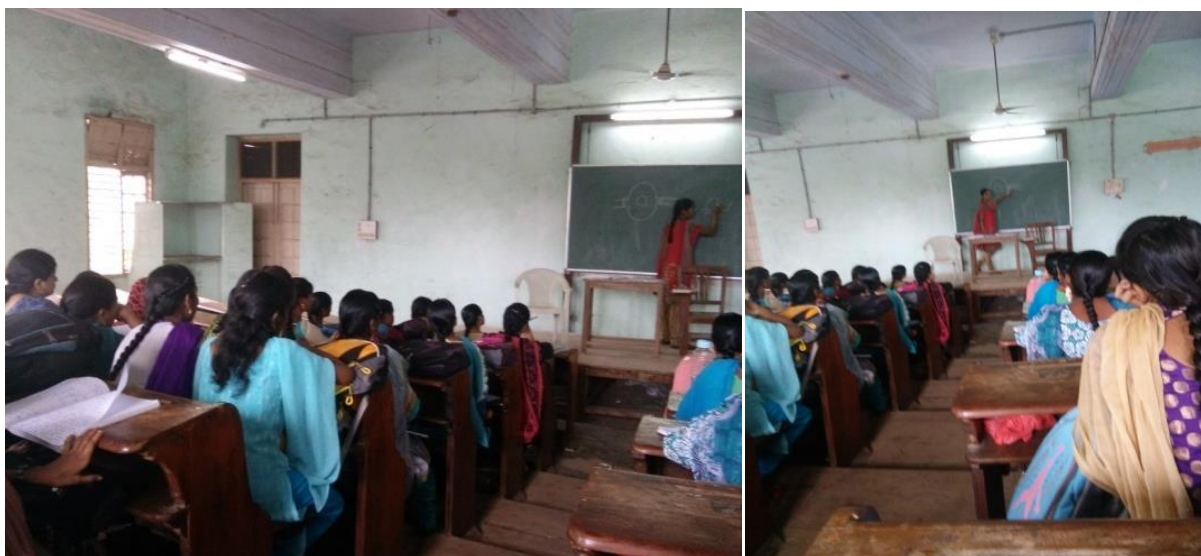
DEPARTMENT OF PHYSICS

1	Name of the Activity	::	Class room Seminar
2	Date	::	29/1/2018
3	Period	::	4.00 -4.30PM
4	Topic	::	SMPS – construction and working
5	Name of the student	::	B.Pujitha Mani, III B.Sc M.PCs
6	Students Present	::	III B.Sc Students
7	Brief Description of Topic	::	B.Pujitha Mani of III B.Sc(MPCs) gave a seminar on SMPS using LCD Projector. She explained the construction and working of SMPS and its applications.



DEPARTMENT OF PHYSICS

1	Name of the Activity	::	Class room Seminar
2	Date	::	6/10/2017
3	Period	::	4.00 -4.30PM
4	Topic	::	SMPS – construction and working
5	Name of the student	::	B.Purna Kavitha, III B.Sc M.PC
6	Students Present	::	III B.Sc Students
7	Brief Description of Topic	::	B.Purna kavitha of III B.Sc(MPC) gave a seminar on Betatron Principle and working
8	No. of Students Attended	::	



DEPARTMENT OF PHYSICS

1	Name of the Activity	::	NATIONAL SCIENCE DAY
2	Date	::	28/02/2018
3	Period	::	10AM. -12 NOON
4	Programmes organised	::	Power point presentation and Elocution Competition
5	Names of the Judges	::	Sri. G.V. Bhaskar, Lecturer in Maths, Smt. Santhi Sridevi, Lecturer in English, Smt. Sandya Rani, Lecturer in Botany
6	Students Present	::	Students of Degree Three years of A1, A2, A3 sections
7	Brief Description of Topic	::	Student Presented the PPTs relating to the topic "Science and Technology for the sustainable future". The students also participated In the Elocution Competition very interestingly. Cash prizes were announced for the first three places, as Rs 200/- , 150/-,100/- successively. Consolation prizes were given to the participants
8	Winners of the Elocution Competition	::	1. Ch. MAMATHA II BSc MSCs 2. B. Pravallika III BSc MPC 3. Y. SRIVALLI I BSc MPC



