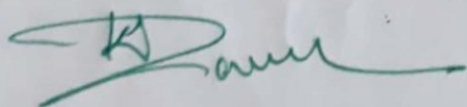


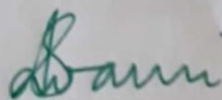
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KSN Government Degree College for Women, Anantapuram
DEPARTMENT OF PHYSICS

Department of Physics
ACTION PLAN 13-14

S.NO	NAME OF THE EVENT	TENTATIVE DATES
1	Bridge Course to I YEAR Students	June '13
2	Field Trip to District Science Museum to I YEAR Students	August '13
3	Guest Lecture to III YEAR Students - One by Each Lecturer in the Department	September '13
4	Student Seminar - Each paper atleast 2 students	October '13
5	Field Visit to INSPIRE 2019	November '13
6	Rally on World Aids Day	December '13
7	Remedial Coaching for Slow Learners	December '13
8	PG Entrance Exam Coaching	Jan '13
9	National Science Day Celebration	Feb '13
10	Quiz program in Physics	March 13
11	Down loaded VIDEOS of the Syllabus related topics	Atleast 2 videos for Each paper




Signature of the lecturer In Charge

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Date: 29-10-2013

Guest Lecture

S. Pavani,
Lecturer in Physics



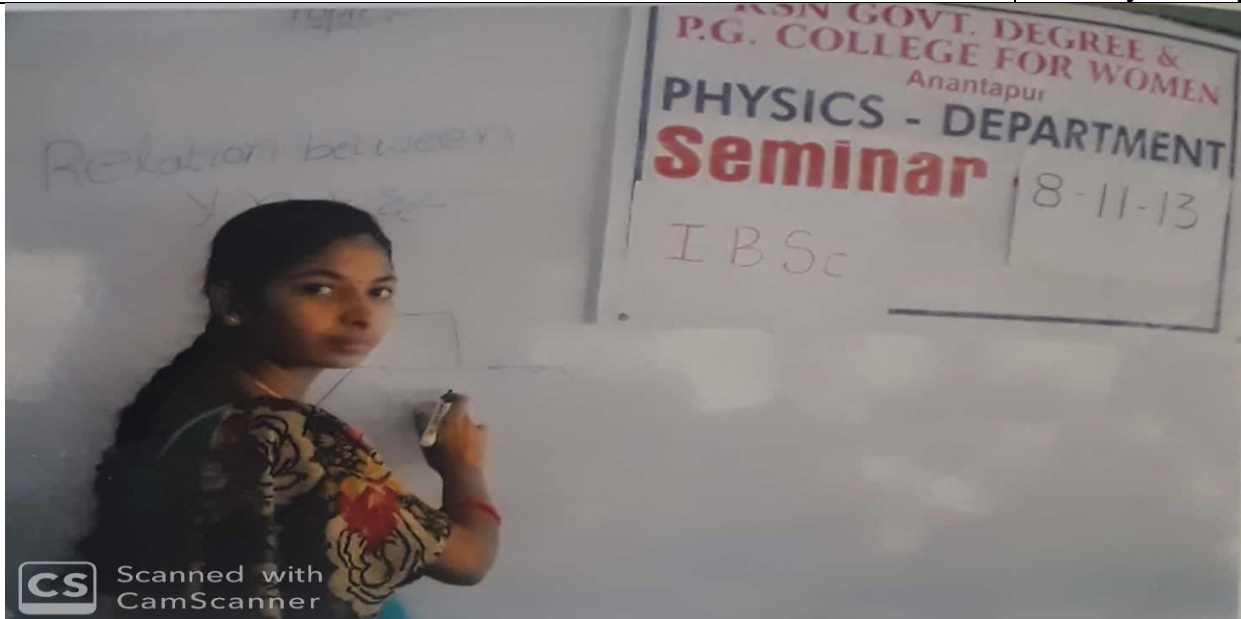
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Topic: SEMI CONDUCTOR DIODES:

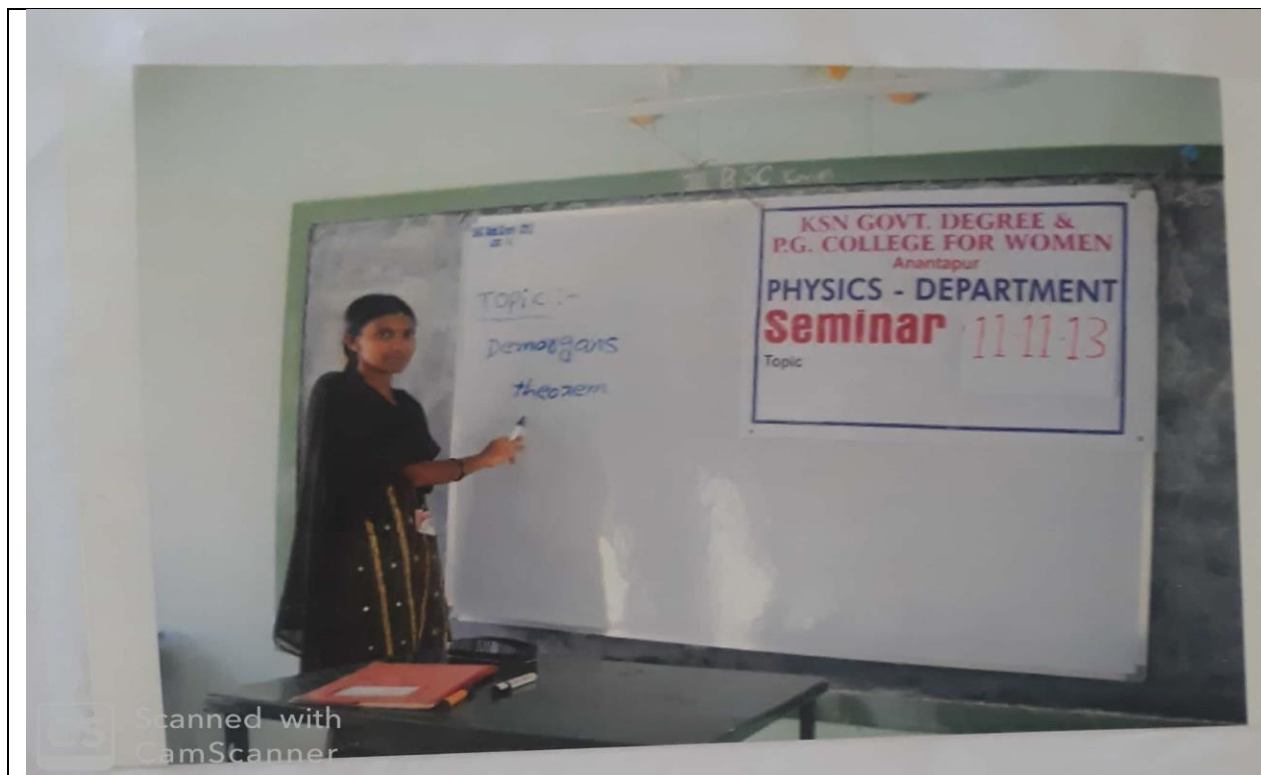
Dr. B. Sasikala, Lecturer in Physics, Govt. Arts College (Men), Ananthapuramu gave guest lecture to the students of III B.Sc., (MPCs) on the semiconductor Diodes. P-N Junction Diode is a device with wide application in electronics also called as Semiconductor Diode. It can be connected in forward bias or reverse bias. Its V-I Characteristics were also discovered. The lecture also gave a glimpse of Zener Diode, symbol, its Characteristic curve in reverse bias. Zener Diode as a Voltage Regulator. What is an IDEAL DIODE

She also introduced the concept of transistor its biasing types of transistors their working in brief their symbols forward bias and reverse bias circuits.

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08-11-13 Student Seminar – Y,N,K Relations- Y.Pranusha (I B.Sc.,(MPCs)	T. Syamala – Guest Faculty in Physics
	
11-11-13 Student Seminar – G.Sandhya – De Morgan's Theorem - IIIBSC(MPCs)	T. Syamala- Guest Faculty in Physics

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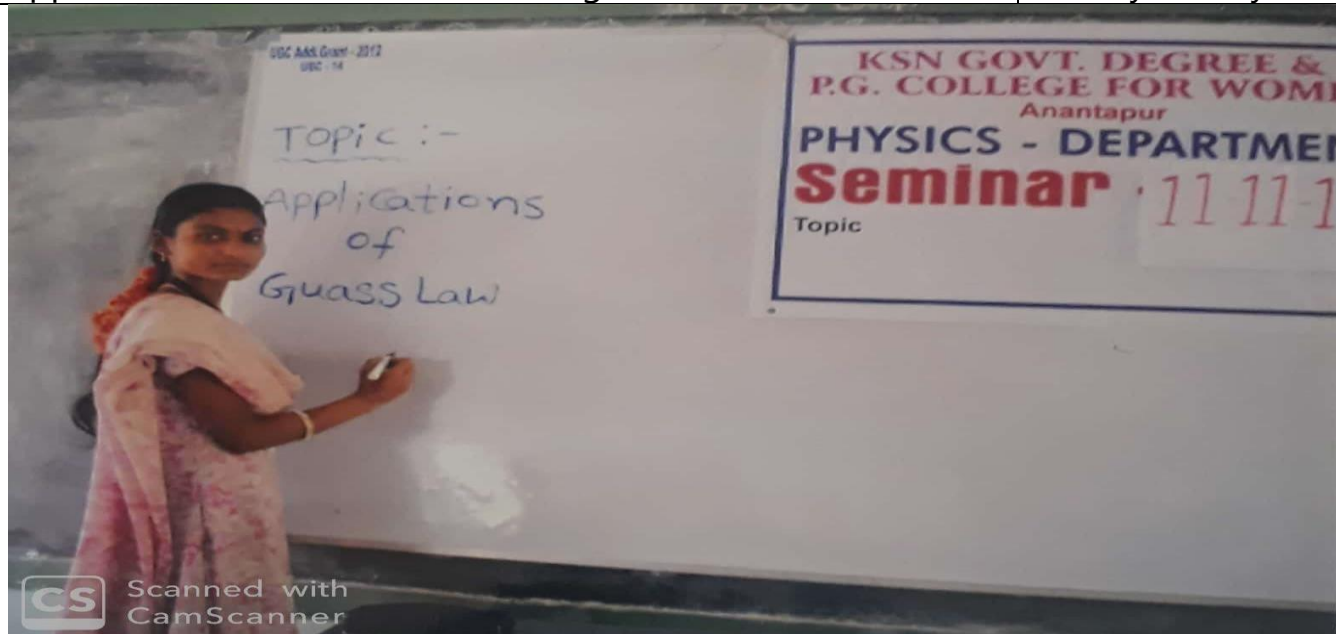
11-11-13 Student Seminar
: Capacitance Of Parallel Plates- C.Sudha IIIBSC(MPCs)

T. Syamala- Guest
Faculty in Physics



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11-11-13 Student Seminar Application Of Gauss Law - G. Nagaveni IIIBSC(MPCs)	T. Syamala- Guest Faculty in Physics
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14-11-13 Student Seminar Nuclear Reactor N.Kavitha IIIBSC(MPCs)	T. Syamala- Guest Faculty in Physics
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Class : III B.Sc.
Name : N. Kavitha.
Date : 14-11-13.

Topic : NUCLEAR REACTOR

Signature of the student : N. Kavitha.
Signature of the lecturer : [Signature]

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Date: **29-11-2013** Visit to INSPIRE 2013

S. Pavani, Lecturer in
Physics

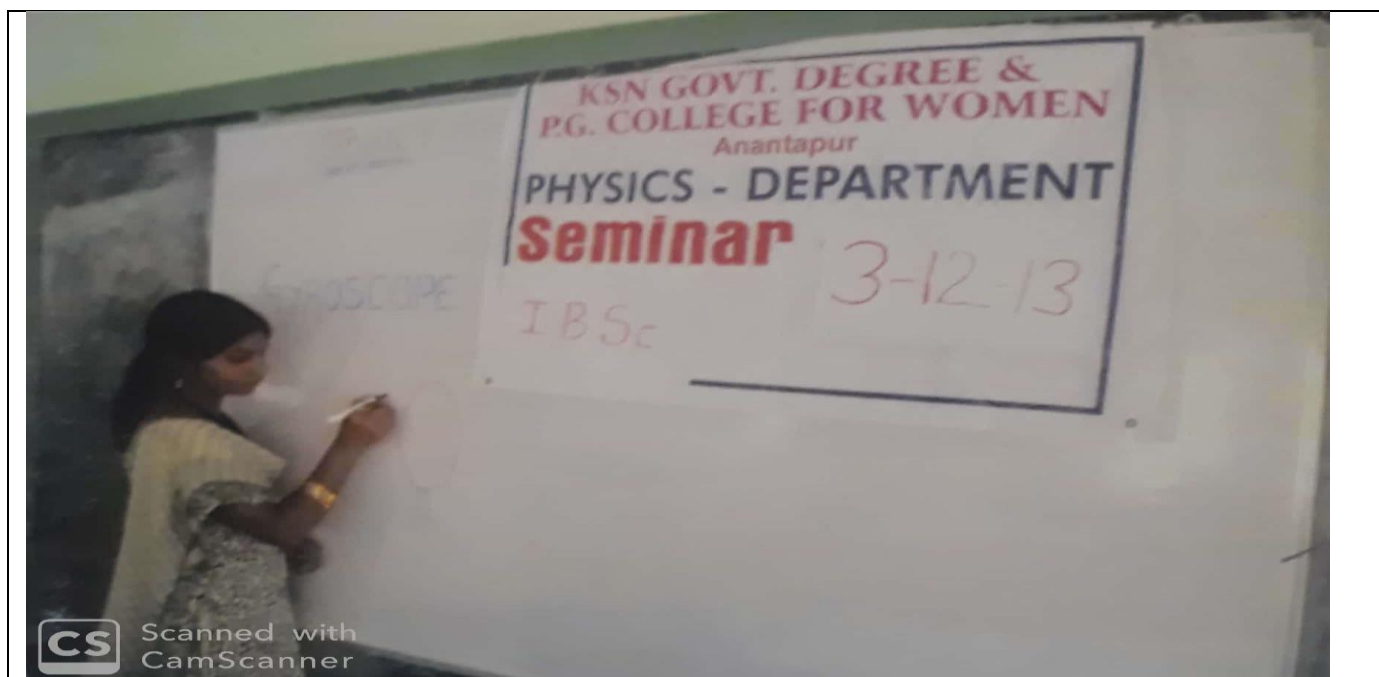


The students of II & III B.Sc (MPCs) along with S. Pavani, Lecturer in Physics visited the INSPIRE 2013 District Level Science Exhibition. The students got a good exposure on physics principles involved in various devices and daily life needs. Like Principle of Diffusion involved in watering the plants. Principle of total internal reflection involved in optical fibres, model of a dynamo Earth's Magnetic field, characteristics of a Laser, Solar and Lunar Eclipses. Motion of a Wheel, Eco friendly mosquito killer, Organic fertilizers Effect of Green House Gases on Earth's Atmospheric Temperature etc., The exhibition not only had physics related models but also the models related to Electronics, Chemistry and Biology indicating the inter link among the various sciences.

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30-11-13 Student Seminar		S. Pavani, Lecturer in Physics
Light - T.Nandini II BSC(MPCs)		
		
03-12-13 STUDENT SEMINAR		T. Syamala- Guest Faculty in Physics
Gyroscope - S.B.Geetha I BSc(MPCs)		

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04-12-13 STUDENT SEMINAR
AC-LR Circuit - S.Anitha IIIBSC(MPCs)

T. Syamala- Guest
Faculty in Physics

