

# **DEPARTMENTAL ACTIVITIES**

**2015-16**

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

**Date**                                        :: 09-09-2015

**Time**                                        ::12 Noon To 1 PM

**Type of Activity**                        ::Group Discussion on ‘Suicide

**Tendency among students –**

**Preventive measures’**

**Participants**                                ::II &III B.Sc Students

**(M.P.C &M.P.Comp)**

**Description In brief**                    ::     A group discussion was arranged among the students of II & III B.ScStudents in the topic ‘Suicide tendency among students and Preventive measures’. We observed a huge response from the students. They shared their views freely .The problems and causes were discussed .Preventive measures are also have been discussed.





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

**Date                                        :: 14-12-2015**

**Time                                        :: 10 am-5pm**

**Type of Activity                        :: Energy conservation day  
   Celebrations**

**Participants                            :: I, II &III year Students**

**Description In brief                ::An essay writing ,Poster presentation and also power point presentation competitions were held for the students of all the years and all branches on behalf of Energy conservation day in collaboration with department of Environmental sciences .Prizes were awarded for the winners. Certificates were issued for all participants**

Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 11-09-2015

Time :: 12 Noon To 1-30 PM

Type of Activity :: Invited Lecture by Prof V.Seshubai,  
School of Physics,  
University of Hyderabad,,Hyderabad.

Topic :: Super conductivity and applications

Participants:: Nearly 120 students from II &III

B.Sc Students of M.P.C, M.P.Comp.

&C.B.Z groups. Faculty of

Physics,Chemistry& Botany have

attended the programme.

**Description In brief ::**

An Invited Lecture was given by Prof V.Seshubai, School of Physics, University of Hyderabad on Super conductivity and applications. She explained on power point the properties of super conductivity, how super conductivity occurs at low temperatures, the formation of Cooper Pairs and the perfect diamagnetic nature of super conductor resulting to Meisner effect. She has also given the information regarding the research activities going on to obtain new super conductors by doping of various materials which is actually taking place at University of Hyderabad. She has also demonstrated the Meisner effect and Levitation by dipping a specially made super conducting material in liquid Nitrogen. All the students thoroughly enjoyed the Lecture as well as Demonstration.



Brief CV of Dr. V. Seshubai

She is currently a Professor in School of Physics at University of Hyderabad.

She had studied Intermediate at JKC college and B. Sc. at AC College, Guntur and received undergrad degree from Andhra University.

She has received M.Sc. degree in 1976 and Ph. D. in 1981 in Physics both from IIT Madras.

She has carried out post-doctoral work at Technische Hochschule, Darmstadt, Germany and returned to India as Pool Officer of CSIR to work at University of Hyderabad.

She has subsequently joined the Physics faculty at University of Hyderabad in 1985.

She has so far supervised thesis work of 10 M.Phil students and 13 Ph. D. Students.

Her research work has led to over 70 papers in peer-reviewed International journals and about 80 papers in International and National Conferences/ symposia.

She is recipient of BOYSCAST fellowship in 1993, which is given by DST to selected young scientists.

She was a Visiting Scientist at University of Maryland, USA during 1993-94.

She is elected as a Fellow of Andhra Pradesh /Telangana State Akademi of Sciences.

She is a Member of AP Council for Science & Technology.

She had delivered Smt. Sita Maha Lakshmi Memorial Lecture at the Annual Convention of A.P. Akademi of Sciences, February 2008.

She is a Life Member of several scientific bodies in India.

Her research areas of Interest include :      High temperature superconductors,  
Magnetic materials & Shape memory alloys  
and Structure-Property correlations in Intermetallic compounds











Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 29-12-2015

Time :: 12 Noon To 1-30 PM

Type of Activity :: Invited Lecture by Sri V.Prasad,

Lecturer in Physics,

Sri A.B.R. Government Degree

College, Repalle..

Topic :: Langevin's theory of Paramagnetism

Participants:: III B.Sc Students of M.P.C,

M.P.Comp.

Description In brief ::



An Invited Lecture was given by Sri V.Prasad, Lecturer in Physics, Sri A.B.R. Degree College, Repalle on Langevin's theory of paramagnetism to the students of .III B.Sc Students of M.P.C,&M.P.Comp .



### CLASSROOM SEMINAR

Name of the Department : : DEPARTMENT OF PHYSICS

Date : : 28-09 -2015

Time : : 4 P.M – 5 P.M.

Type of Activity : : CLASS ROOM SEMINAR

Topic: : DEMORGAN LAWS

Guided by : : Sri S.Venkateswararao,

Department of Physics, G.C.W(A), Guntur

Presented by : : 1.Sk.Salimunnisa 2. T.Babyjyothi

3. S.Ashalatha 4.Sk. Bibi fathima

5. Sk. Habibunnisa

6. T.Pushpa

Description In brief: : The above students of III B.Sc (M.P.C)

gave a seminar presentation about Demorgan Laws in Boolean Algebra. They explained the statement and gave a proof..



Name of the Department : : DEPARTMENT OF PHYSICS

Date : : 26-09 -2015

Time : : 4 P.M – 5 P.M.

Type of Activity : : CLASS ROOM SEMINAR

Topic: Hall Effect



Guided by : Sri S.Venkateswararao,  
Department of Physics, G.C.W(A), Guntur

Presented by :: 1.H.Anusha

Description In brief: : The above student of III B.Sc (M.P.C)

gave a seminar presentation about Hall Effect Magnetism. They explained the statement and gave a proof with necessary theory.



Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 15-10-2015

Time :: 4 P.M – 5 P.M.

Type of Activity :: CLASS ROOM SEMINAR

Topic: HALL EFFECT

Guided by :: Sri S.Venkateswararao,  
Department of Physics, G.C.W(A), Guntur

Presented by :: H.ANUSHA

Description In brief: : The above student of III B.Sc (M.P.Comp)

gave a seminar presentation about Hall Effect. They explained with necessary theory and diagrams



Name of the Department : : DEPARTMENT OF PHYSICS

Date : : 17-09 -2015

Time : : 4 P.M – 5 P.M.

Type of Activity : : CLASS ROOM SEMINAR

Topic: : DEMORGAN'S LAWS

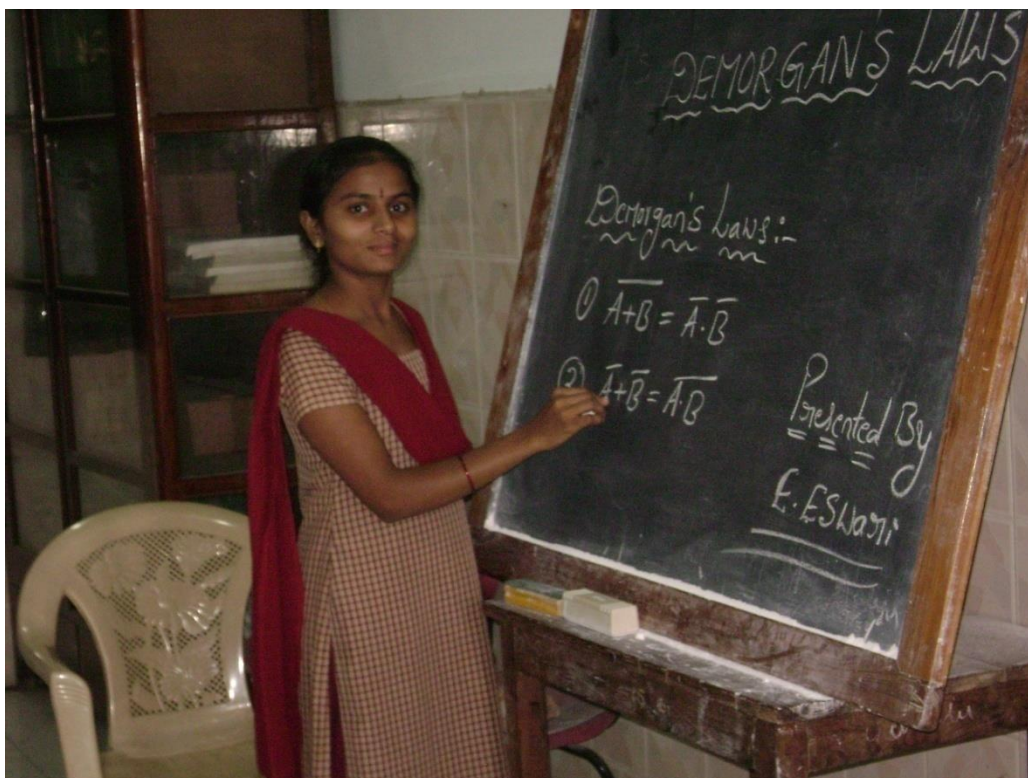
Guided by : : Sri S.Venkateswararao,

Department of Physics, G.C.W(A), Guntur

Presented by : : E.ESWARAMMA

Description In brief: : The above student of III B.Sc (M.P.Comp)

gave a seminar presentation about Demorgan's Laws. They explained with necessary theory and circuit diagrams



Name of the Department : : DEPARTMENT OF PHYSICS

Date : : 18-09-2015

Time : : 4 P.M – 5 P.M.

Type of Activity : : CLASS ROOM SEMINAR

Topic: : DEMORGAN'S LAWS

Guided by : : Sri S.Venkateswararao,

Department of Physics, G.C.W(A), Guntur

Presented by : : Sk.KHADARBEE

Description In brief: : The above student of III B.Sc (M.P.Comp)



gave a seminar presentation about Demorgan's Laws. They explained with necessary theory and circuit diagrams



### DEPARTMENT OF PHYSICS

Name of the Department :: DEPARTMENT OF PHYSICS

Date :: 08-10 -2015

Time :: 4 P.M – 5 P.M.

Type of Activity

:: CLASS ROOM SEMINAR



**Topic: :1'S COMPLIMENT& 2'S COMPLIMENT**

**Guided by**

**: :Sri S.Venkateswararao,**

**Department of Physics, G.C.W(A), Guntur**

**Presented by**

**:: N.SIREESHA**

**Description In brief: : The above student of III B.Sc (M.P.Comp)**

**gave a seminar presentation about Demorgan's Laws. They explained with necessary theory and circuit diagrams**



