

# S.K.S.D. MAHILA KALASALA UG AND PG (AUTONOMOUS), TANUKU

## Department of Physics

### Departmental Activities (2019-2020)

S.No.	Date	Conducted Through Department/Others	Nature of the Activity	Title/Topic of the Activity	Name of the Lecture involved	No.of students Participated
1	10.06.2019	Department	Lab Orientation Class	Safety Rules & Precautions	T.Rupavalli	I COMP B
2	12.06.2019	Department	Lab Orientation Class	Safety Rules & Precautions	K.Padmaja Rani	I COMP A
3	15.06.2019	Department	Lab Orientation Class	Safety Rules & Precautions	K.Venkata Lakshmi	I MPC
4	17.06.2019	Department	Lab Orientation Class	Usage of Vernier Calliperse & Screw Guage	T.Rupavalli	I COMP B
5	19.06.2019	Department	Lab Orientation Class	Usage of Vernier Calliperse & Screw Guage	K.Padmaja Rani & K.Venkata Lakshmi	I COMP A& B
6	22.06.2019	Department	Lab Orientation Class	Usage of Vernier Calliperse & Screw Guage	K.Venkata Lakshmi	I MPC
7	24.06.2019	Department	Lab Orientation Class	Usage of Travelling Microscope	T.Rupavalli	I COMP B
8	26.06.2019	Department	Lab Orientation Class	Usage of Travelling Microscope	K.Padmaja Rani	I COMP A
9	06.07.2019	Department	Lab Orientation Class	Usage of Travelling Microscope	K.Venkata Lakshmi	I MPC
10	12.07.2019	Department	Guest Lecture	Lasers	Dr.N.Krishna Mohan Lecturer in Physics A.N.R.College (A), Gudiwada	II B.SC-117
11	12.07.2019	Department	Guest Lecture	Gauss Law -Applications	V.Srinivasa Rao, Lecutere in Physics, Govt. Degree College, Ramachandrapuram	III B.SC-90
12	25.07.2019	Department	Class Room Seminar	Newton Rings	T.Rupavalli	II MPC-35
13	07.08.2019	Department	Class Room Seminar	Raman Effect	K.Venkata Lakshmi	III MPC-B
14	19.08.2019	Department	Class Room Seminar	Mechanics of Continuous Media	T.Rupavalli	I MPC-A
15	23.08.2019	Department	Quiz	Basic Theory, Formulas in Physics	T.Rupavalli	I MPC & I MPC

16	27.08.2019	Department	Class Room Seminar	Mechanics of Continuous Media	T.Rupavalli	I MPCS-A
17	06.09.2019 & 07.09.2019	S.K.S.D.M.College, Tanuku	National Seminar	Nature & Environment conservation in Ancient & Modern Indian Literature-A study	All 3 Staff Members	
18	06.09.2019	Department	Class Room Seminar	PN Junction Diode	K.Padmaja Rani	III MPCS-A
19	07.09.2019	Department	Class Room Seminar	V-I characteristics of PN Diode	K.Padmaja Rani	III PC
20	07.09.2019	Department	Class Room Seminar	Zener Diode	K.Padmaja Rani	III MPCS-B
21	11.09.2019	Department	Class Room Seminar	Gamow's Theory of Alpha-Decay	k.Venkata Lakshmi	III MPCS-B
22	13.09.2019	Department	Ozone Day Programme	Depletion of Ozone layer & Effect of Existence of your life	All 3 Staff Members	
23	25.11.2019 to 03.01.2020	Department	Add on Programme	House hold Appliances Service & usage	All 3 Staff Members	
24	04.12.2019	Department	Brain Storming	Mind Talented Questions	All 3 Staff Members	I, II, III B.SC
25	09.12.2019	Department	Group Discussion	1. Should Reservations be based on Economic Statud? 2.Plastic Pollution	All 3 Staff Members	II B.SC
26	10.12.2019	Department	Group Discussion	1. Use of Renewable Energy in India 2.Social Media Impact on Human Behaviour and Society	All 3 Staff Members	III B.SC-90
27	13.12.2019	Department	Group Discussion	1. Digital payments in India is right or wrong step 2.Degree and knowledge	K.Padmaja Rani & K.Venkata Lakshmi	I B.SC
28	18.12.2019	Department	Class Room Seminar	Adiabatic Demagnetisation	K.Padmaja Rani & K.Venkata Lakshmi	II MPCS-B
29	19.12.2019	Department	Class Room Seminar	Joule Kelvin Effect	K.Padmaja Rani & T.Rupavalli	II MPCS-B

30	21.12.2019	Department	National Level Quiz in Collaboration with DRC	Quiz	K.Padmaja Rani	
31	28.12.2019	Department	Class Room Seminar	Optical Radiation Pyrometer	K.Padmaja Rani	II MPCS-A
32	29.12.2019	Departments of Maths, Physics & Chemistry	IMPLEZ-2019	Poster Presentation	All 3 Staff Members	P.Vijaya Durga & Group
33	30.12.2019	Department	Field Trip	The Gowthami Solvents Oils Limited-Tanuku	K.Padmaja Rani	39
34	31.12.2019	Dr.B.V.Raju College, Bhimavarm	Class Room Seminar-IV	Solar Constat	K.Padmaja Rani	II MPC
35	22.01.2020	Department	Class Room Seminar- P II	Fourier Analysis Triangular Wave	T.Rupavalli	I MPCS-A
36	25.01.2020	Department	Class Room Seminar	Black Body Radiation	T.Rupavalli	II MPCS-A
37	27.01.2020	Department	Class Room Seminar	Compound Pendulum	T.Rupavalli	I COMP A
38	29.01.2020	Department	Class Room Seminar	Maxwell's Speed Distribution Law	K.Padmaja Rani	I MPCS-B
39	03.02.2020	Department	Class Room Seminar	Scattering of neutrons on Alpha-particle in three-dimensional space	K.Padmaja Rani	II MPCS-A
40	03.02.2020	Department	Books/Journal Reviews	Genius you too youth! Arise Awake & know your strength	T.Rupavalli	I MPCS-B
41	04.02.2020	Department	Book Review	Numerical simulation of space fractional Helmholtz equation arising in Seismic wave propagation, imaging & inversion	T.Rupavalli	II MPCS A & II MPC
42	05.02.2020	Department	Journal Review	Torsional Pendulum	K.Padmaja Rani	III MPC
43	05.02.2020	Department	Class Room Seminar	Think of these things Youth and vitality	K.Padmaja Rani	II MPCS-A
44	06.02.2020	Department	Book Review	Know your immune system	T.Rupavalli	II MPC

45	06.02.2020	St.Joseph's College for Women, Vizag	Online Quiz	Influence of material parameters on the performance of niobium based super conduction ratio-frequency cavities	K.Venkata Lakshmi	III MPC
46	07.02.2020	Department	Book/Journal Review	Digital Poster- Solar Energy & Quantum Mechanics	K.Padmaja Rani	I MPC
47	07.02.2020	Dr.B.V.Raju College, Bhimavaram	ASPIRE-2020 State level Symposium)	Compound Pendulum	K.Venkata Lakshmi	III MPCS
48	10.02.2020	Department	Class Room Seminar	All Optical NAND/NOR logical gates using bistable switching	T.Rupavalli	III B.SC
49	11.02.2020	Department	Book/Journal Review	Multiple vibrational Resonance & Antiresonance in a coupled Anharmonic Oscillator under Monochromatic Excitation	T.Rupavalli	I B.SC
50	14.02.2020	Department	Book/Journal Review	Study of Entropy generation in transient hydromagnetic flow of couple stress fluid due to heat & mass transfer from a radiative vertical cylinder	K.Padmaja Rani	II MPC & MPCS
51	17.02.2020	Department	Book/Journal Review	Tsallis holographic dark energy in Bianchi-I universe using hybrid expansion law with K-essence	T.Rupavalli	

52	17.02.2020	Department	Book/Journal Review	FUSION-2020 Representation of the Inverse MementumOperator in curved space	K.Padmaja Rani	I MPCS-A
53	18.02.2020	V.S.M.College, Ramachandrapuram	National Science Day Celebrations	FUSION-2020		
54	19.02.2020	V.S.M.College, Ramachandrapuram	National Science Day Celebrations	Representation of the Inverse MementumOperator in curved space		5
55	22.02.2020	V.S.M.College, Ramachandrapuram	Study Projects	Applications & Characteristics of Ferrites	K.Venkata Lakshmi	III B.SC