

IGNITE-2019

A Three Day Residential Science Workshop for School Students 16th -18th December, 2019

DETAILS OF THE LECTURES AND THE LAB SESSIONS

DAY-1 (16TH DECEMBER 2019)		
Lecture	Title	Resource Person
1	<i>Superconductivity and it's Applications</i>	Dr.Sangeetha, Department of Physics
2	<i>Hormones- The Transformers</i>	C.Vanisree, Head, Department of Biochemistry
3	<i>Applications of Mathematics in various fields</i>	C.Sparsha, Department of Mathematics
4	<i>Physical activity on Eye & Hand coordination</i>	Mrs.Bhavani Department of Physical Education
5	<i>Goal Setting and Risk Taking Behaviour with Reflection</i>	Ms.AishaAfroz, Department of Psychology
DAY-2 (17TH DECEMBER 2019)		
Lecture	Title	Resource Person
1	<i>Basic concepts of Microbiology</i>	Mrs.Swarnalatha Department of Microbiology
2	<i>Drugs</i>	Mrs.Hymavathy, Department of Chemistry
3	<i>Basic Statistics with MS – Excel</i>	Mrs.Anitha, Head, Department of Statistics
4	<i>Aquatic ecosystem and water conservation</i>	Dr.GraceBeena Paul Head, Department of Zoology
5	<i>Basketball Ball recreational physical activity.</i>	Mrs.Bhavani Department of Physical Education
6	<i>Therapeutic Session on Relaxation Technique (Guided Imagery) for Anxiety and Stress Relief</i>	Ms.BeulahVennela Department of Psychology
DAY-3 (18TH DECEMBER 2019)		
Lecture	Title	Resource Person
1	<i>Chemistry Tambola</i>	Mrs.ArchanaJuyal and Mrs.Bharathi Department of Chemistry
2	<i>"Plant tissue system and types of stomata"</i>	Dr.AnjanaShukla, Department of Botany
DETAILS OF THE LABSESSIONS		
Title of the Project	Incharge Department and The Resource Persons	Names of the Students Allotted

<i>Detection of Common Food Adulterants by Qualitative Analysis</i>	Mrs.SyedaMeherAfreen, Ms.D.Akhila Department of Biochemistry	Himaja, Hiba, Manogna
<i>Estimation of amount of carbonate in different brands of washing soda</i>	Dr.SudhaSwaraga Department of Chemistry	Gaurav, Yeshwanth,Vennela and Prasanna
<i>Basic Computer Skills</i>	Mrs.SoumyaSree, Ms.Hepsibha Department of Computer Science	SaiAneesh, Rishwik, Salyasa and Sanjana
<i>Identification of Mitosis stages from onion root tips</i>	Mrs.Sujatha Department of Genetics	Himavarshini, Nandini, Sadhana and Shivani
<i>Isolation and observation of normal flora</i>	Ms.Rajeetha and Mrs.Sravani Department of Microbiology	Rithika, Likitha, Rahu and SaiShivani
<i>Calculation of Frequency of Electrically Maintained Tuning fork in Longitudinal and Transverse Mode. (Melde's experiment)</i>	Dr. P. Sangeetha Lakshmi Department of Physics	Akanksha, Zubiya, Franklina and Jatin
<i>Microscopic observation of histology slides of mammalian organs and study of invertebrates and vertebrates museum specimens.</i>	Dr.GraceBeena Paul, Head, Department of Zoology	Himavarshini, Nandini, Sadhana and Shivani

