



MONTHLY REPORT ON ONLINE LEARNING

CLASS : XII A

DATE FROM 01 July 2021 TO 31 July 2021

Students of Class **XII A** attended online classes through the Hangouts Meet app as per the Time Table circulated and were provided the following worksheets, videos and online academic materials to enhance the learning outcome.

Subject & Subject Teacher	Topics Covered	Link / Assignments Uploaded On Google Classroom	Assessment Taken(Yes/No) (Quiz/Graded Test/Viva/Google Form/Group Discussion)	Mode Of Teaching & Additional Links Video/PPT Provided To Supplement The Teaching
ENGLISH Ms. Rachna S	1. Enemy by Pearl S. Buck 2. Indigo by Louis Fischer 3. Activity- PPT Presentation- with references to great characters like Sudha Chandran, Deepa Malik, Mansi Joshi	https://classroom.google.com/c/MzMxMDc5ODYzNDg5/m/MzcxMTQ4MTkzMTIw/details https://classroom.google.com/c/MzMxMDc5ODYzNDg5/m/MzcyMDA2NTc5MDQx/details -----	Class interaction and group discussion to gauge the comprehension level of the students. A debate was held on the topic Patriotism Vs Professional ethics. The chapter is a chunk of history that was a very important part of India's struggle for independence and it proved to be a turning	Extrapolatory questions were discussed as worksheets to give the students extra practice related to the chapter . Explanation and discussion on the history of the Civil disobedience movement. A PPT related to the topic was also shared in the class to ease the comprehension level

	<p>who shed fear and their inhibitions to emerge as winners. Choose a character and present his life's journey accompanied with a group discussion.</p>		<p>point in Mahatma Gandhi's contribution for the same.</p> <p>Students made a very lively presentation, made good PPTs and spoke at length about the ways in which their subject overcame fear and emerged as a winner.</p>	<p>https://www.slideshare.net/Jude3/indigo-176050221</p> <p>Learning outcomes- Since the spoken word wasn't a prepared text, students learnt to overcome their hitch and spoke freely. Some even included videos and interviews to give it a distinct flavour and uniqueness.</p>
<p>PHYSICS Ms Swati Chawla</p>	<p>Unit-2: Current Electricity continued Potentiometer & its applications, NCERT exercise.</p> <p>Unit-3: Magnetic Effects of current & Magnetism Magnetic field & magnetic force, Lorentz force, Motion of a charged particle in magnetic field, velocity selector Boit- Servat law and its applications. Ampere-circuital law and its applications</p>	<p>https://classroom.google.com/c/MzI2Njk1MTEyMDQz/a/Mzc0ODA4MjUxOTU5/details</p> <p>https://classroom.google.com/c/MzI2Njk1MTEyMDQz/a/MzY5MDk4NzYzMjYy/details</p>	<p>UT-2 will be on 26th August. Questions from assignments and back exercise were solved.</p> <p>Students were asked to solve numericals(shared on present screen option) within a given time frame. The answers of the same were checked by randomly asking students to show their solutions.</p> <p>Oral question and answer sessions were carried out to check the understanding of the concepts taught.</p>	<p>Case studies bank of first three units were uploaded https://classroom.google.com/c/MzI2Njk1MTEyMDQz/m/Mzc0NDYwNTY1NjAw/details</p> <p>https://classroom.google.com/c/MzI2Njk1MTEyMDQz/m/Mzc0NDYwNDk2NDEx/details</p> <p>https://classroom.google.com/c/MzI2Njk1MTEyMDQz/m/Mzc0NDYwNTY1NTI5/details</p> <p>Term wise Syllabus was shared on Google Classroom .</p> <p>https://classroom.google.com/c/MzI2Njk1MTEyMDQz/m/Mzc0NDYyODc5MTky/details</p> <p>Meter Bridge experiment was explained using olabs https://classroom.google.com/c/MzI2Njk1MTEyMDQz/m/MzY5MDk4NzYzMjYy/details</p>

CHEMISTRY Ms. Vibha Jain	Solution-Colligative Properties Lowering in Vapour Pressure, Depression in freezing point, Elevation in boiling point. Osmotic Pressure Electrochemistry- Electrochemical cell and Electrolytic cell. Nernst Equation, Equilibrium constant, Gibbs free energy. Molar conductivity, cell constant, Faraday's law of electrolysis .	https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/MzY4OTMwMjU3MzMw/details https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/MzczNzg5NjgzMDY1/details	UT-2 will be taken in 2 August. All numericals in between the text solved unsolved and questions from back exercise we discussed during the chapters.	To understand the topic more comprehensively YouTube videos were shown. https://youtu.be/1VEICP7_GF https://youtu.be/NlwHkecDgNQ https://youtu.be/5JSbWHHkiM
COMPUTER SC. Ms. Meetu T	SQL commands Group by Order by Foreign Key Relation Algebra Union, Intersection, Minus, Cartesian	Assignments related to the topic uploaded in classroom	Round II assessment done and scores released. SQL commands related to the topic done in class	Notes & NCERT chapter uploaded in Google Classroom.
MATHEMATICS Mr. Sanjay Dua	Continuity and differentiability. Derivative, by chain rule. derivative of Inverse trigonometric functions, implicit form, use of logarithm, parametric form, second order derivatives. AOD: tangents and normals; increasing and decreasing functions.	Assignment on relation and function and inverse trigonometric functions will be uploaded on google classroom.	oral assessment during online classes is conducted for revision.	<ul style="list-style-type: none"> Sharing of microsoft white board, teaching through pen tablet, and sharing the soft copy of assignment on laptop.

	Case studies on inverse trigonometry			
ARTIFICIAL INTELLIGENCE Ms. Sheetal Sharma	Ch-1 Random Forest Regressor	Assignment Python Programming Gold Price Predictor Model	MIT Inventor- Personal Image Classifier	https://classroom.google.com/c/Mzl2Njk1MTEyMDQz/a/MzczNDgyNjM4NjA2/details