

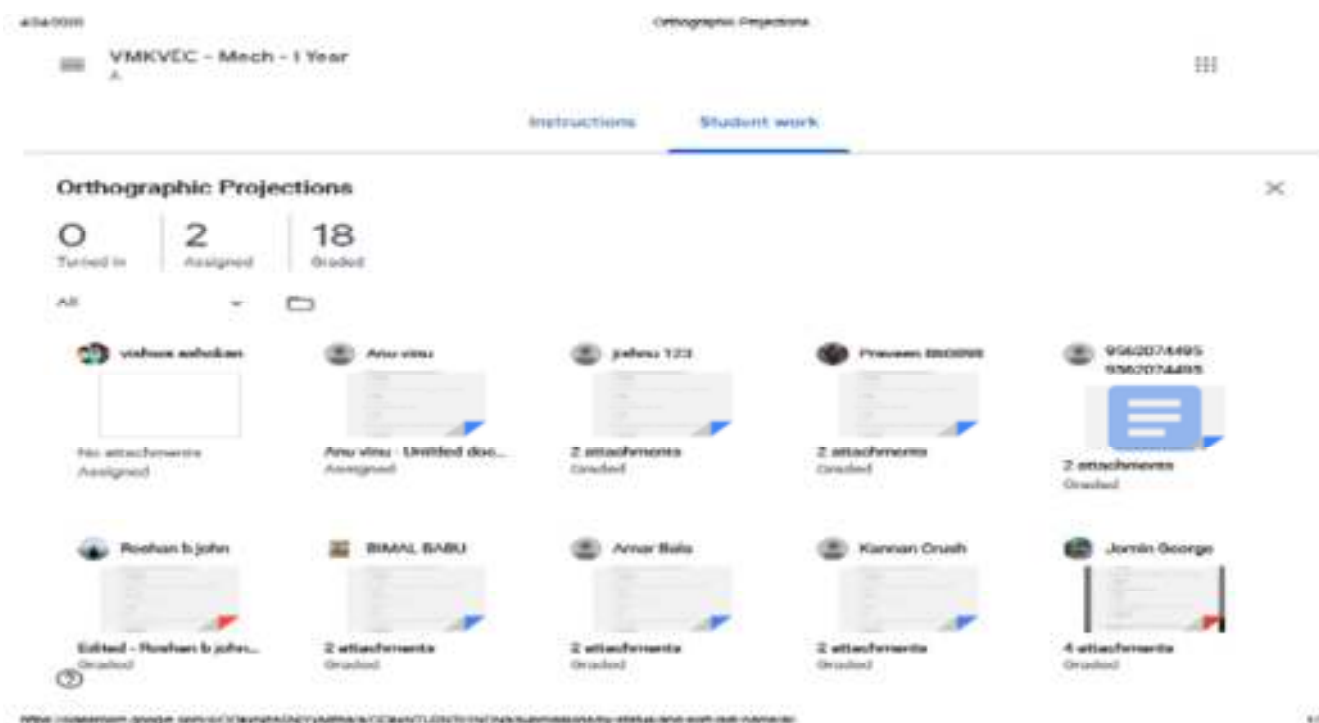
BRIEF REPORT ON ACADEMIC ACTIVITIES DURING COVID – 19

NATIONWIDE LOCKDOWN PERIOD– MAR – APR 2020

During the time when entire country is facing a difficult situation due to sudden outbreak of COVID19 pandemic nationwide lockdowns, teaching staff of Vinayaka Mission's Kirupananda Variyar Engineering College are participating actively in maintaining a constant and continuous academic connect with students using several online platforms. The online platforms are also used to have discussion with parents. The staff are also participating in online faculty development program conducted by AICTE approved institutions and universities apart from the courses they are undergoing through SWAYAM/NPTEL/NITTTR. The activities conducted are as mentioned below.

1. **Date and Time Schedules of virtual Classes are uploaded in Institution's Website.**
2. **Online Open Source Platforms Used for Virtual academic Classes, discussion and sharing of the study materials to the students and also for conducting theoretical part of Value Added Courses.**

(i) Google Classrooms



(ii) Zoom Application

GSLV Mark III

The *GSLV-III* or *Geosynchronous Satellite Launch Vehicle Mark III*, is a launch vehicle currently under development by the Indian Space Research Organization. *GSLV Mk III* is conceived and designed to make ISRO fully self reliant in launching heavier communication satellites of *INSAT-4* class, which weigh 4500 to 5000 kg. It would also enhance the capability of the country to be a competitive player in the multimillion dollar commercial launch market. The vehicle envisages multi-mission launch capability for *GTO*, *LEO*, *Polar* and intermediate circular orbits.

GSLV Mk III is designed to be a three stage vehicle, with 42.4 m tall with a lift off weight of 630 tonnes. First stage comprises two identical *S200* Large Solid Booster (*LSB*) with 200 tonnes solid propellant, that are strapped on to the second stage, the *L110* re-startable liquid stage. The third stage is the *C25* *LOX/LM2* cryo stage. The large payload fairing measures 5 m in diameter and can accommodate a payload volume of 100 cu m. Realisation of *GSLV Mk III* will help ISRO to put heavier satellites into orbit.

33/10/2019

View: Standard (Participant View)

(iii) Microsoft Teams integrated with CAMU of VMRFDU

Participants (3)

- Muthu Manojan (Host, muted)
- SARAVANAN
- Alvin James Vitor

Find, $\frac{dy}{dt}$ from I and II implementation of the aim decided by the following

$$\frac{dy}{dt} + 5y(t) = 3x(t)$$

sol: here $n=1$, hence,

$$y(t) + 5y^{(1)}(t) = 3x^{(1)}(t)$$

$$y(t) = -5y^{(1)}(t) + 3x^{(1)}(t)$$

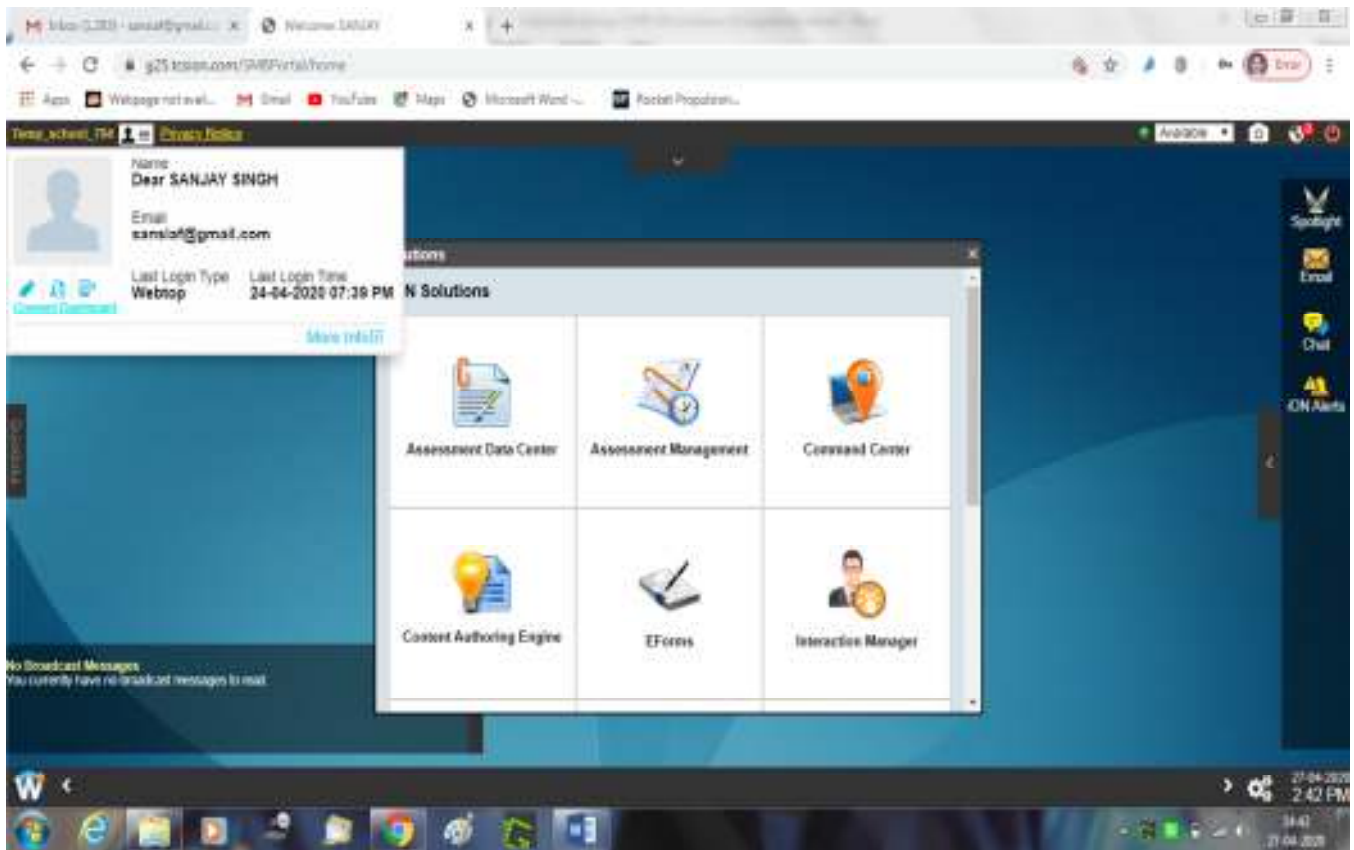
and: $a_1=5$, and $b_1=3$

Direct form-II

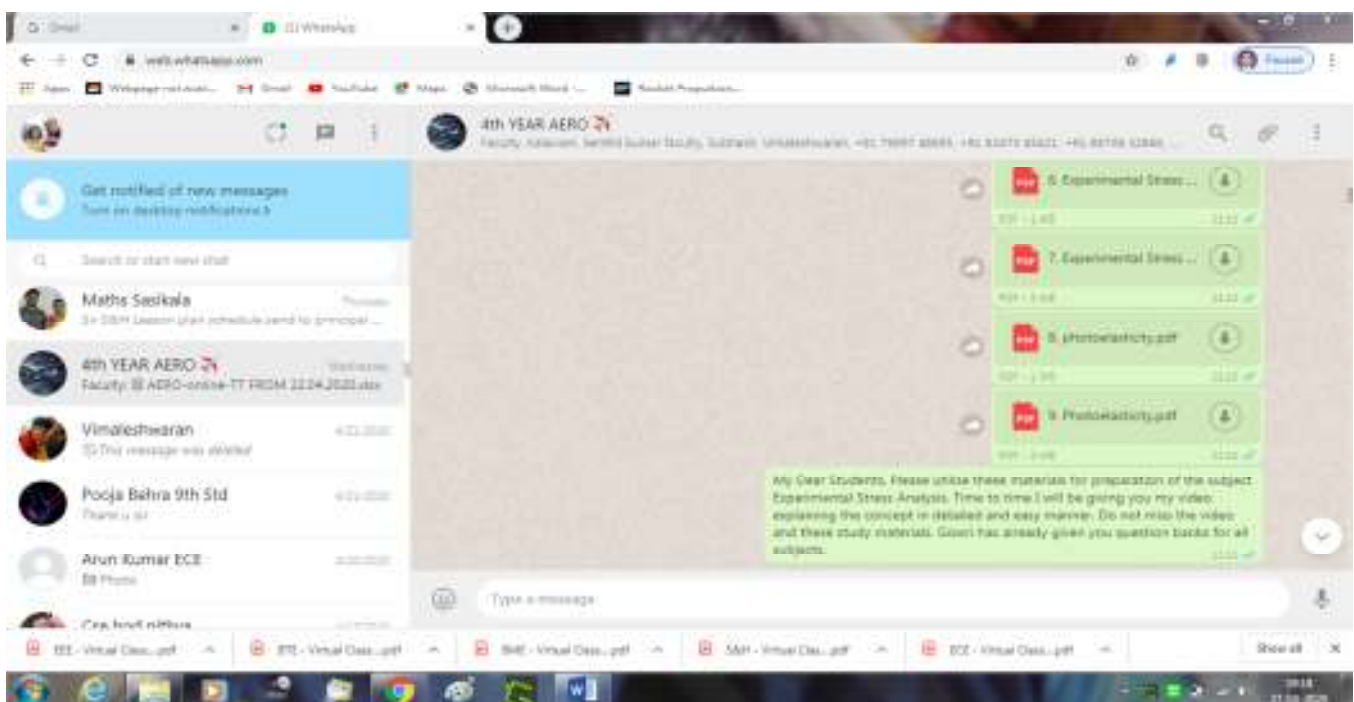
17

Click to add notes

(iv) TCS Ion for Assessment and Question Bank Preparation



(v) WhatsApp for Sharing of Study Materials



(vi) E-Mail

(vii) Personal Call

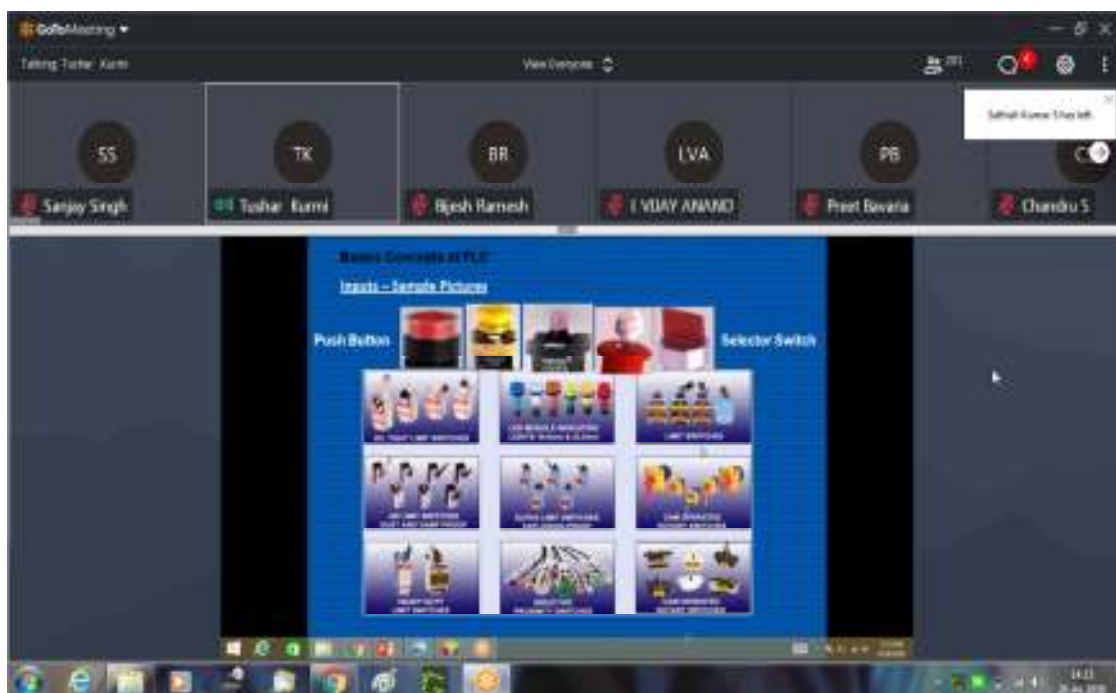
3. Study Materials / Syllabus / Question Banks and Regulations are Uploaded in Institution's Website

4. **Online Faculty Development Programme by attending webinars conducted by AICTE/ UGC Approved Institutions and Universities**

- (i) FDP on “How to conduct Online Classes for Students” conducted by Atal Incubation Centre, Pondicherry Engineering College, Puducherry.



- (ii) FDP on “Industrial Automation using IoT (Internet of Things)” conducted by MSME, Govt. of India, New Delhi.



5. Institute Innovation Cell Activities – Series of Webinars and Leadership Talk Series of MHRD Innovation Cell Attended by faculty and Students.

A2. Building Organizational Capacity, Human Resources and Incentives

- Institute should recruit staff that have a strong innovation and entrepreneurial/industrial experience , behavior and attitude, this will held in fostering the I&E agenda and culture in HEL.
- Faculty and departments of the institute have to work in coherence and cross departmental linkage and maximum utilizations internal resources and knowledge.
- Faculty and staff should be encouraged to do courses/trainings/certificates on innovations, entrepreneurship and IPR.
- To retain talent, institute shod develop academic and non-academic incentives and reward mechanism for all staff, faculty and stakeholders.
- A performance matrix should be developed and used for evaluation as part of annual performance and contribution of faculty/staff towards achieving I&E agenda should be part of matrix.