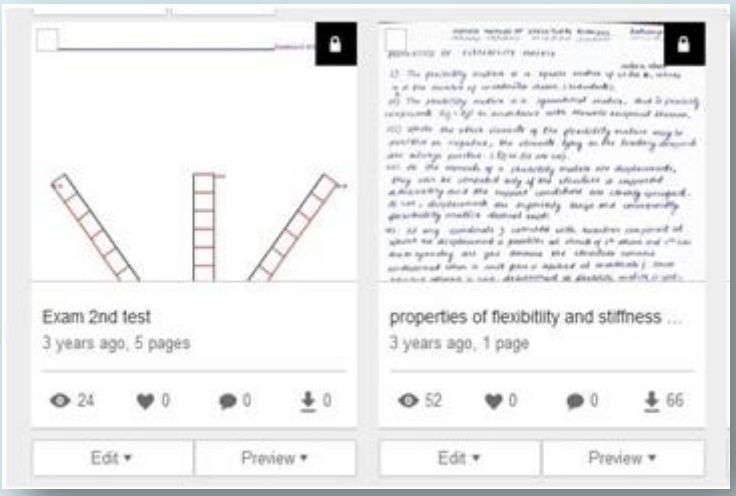
INNOVATIONS BY THE FACULTY IN TEACHING AND LEARNING :

In addition to the chalk and board method of teaching the faculty adopt various methods of teaching such as flipped classroom, on site teaching, case study demonstration, google class room, seminar assignments, National Programme on Technology Enhanced Learning (NPTEL) video class room, demonstration through working models and flipgrid assignment. The details have shown in Table below :

Table: Innovations by the Faculty in Teaching and Learning

Sl. No.	Pedagogical Methods	Activities
01.	Method : **FLIPPED CLASSROOM** Faculty : Mr. Dattatreya S. Bhasari Assistant Professor Sem/Class : 7th Sem Course/Course Code: Matrix Method of Structural Analysis / 10 CV751	Study material is made available in online mode through website to the students prior to teaching. Additional tests are conducted and solutions are made available online for self verification. 
02.	Method : **ON-SITE TEACHING** Faculty : Dr. Karthika B. S., Mr. Rabinandan J. and Mr. Bhuvan Kumar V. S. Assistant Professor Sem/Class : 4th Sem and 6th Sem Course/Course Code: Basic Surveying / 17 CV34 and Construction Management	Students are taken to the ongoing construction project sites/construction materials vendor shops for practical demonstration of surveying, various construction stages, to gather information about the market values of the various constructional materials etc.

	and Entrepreneurship / 15CV61	
03.	Method : **CASE STUDY DEMONSTRATION** Faculty : Mr. Sreenivasa V. Assistant Professor Sem/Class : 6th Sem Course/Course Code: Geo Technical Engineering - II / 10 CV64 and Geo Technical Engineering Lab – 10CVL67	Students are given a case study to conduct the investigation such as to conduct bearing capacity, static cone penetration test, rapid moisture test, etc. Reports are made to generate by the students after investigation. 
04.	Method : **SEMINAR ASSIGNMENTS** Faculty : Dr. C. G. Hemamalini Professor Sem/Class : 7th Sem Course/Course Code: Municipal and Industrial Wastewater Engineering / 15CV71	The students will be given the assignment topics and made them to present seminar in the class room and submit the report in assignment write up. 

05.	Method : **NPTEL VIDEO CLASS ROOM** Faculty : Dr. C. G. Hemamalini Professor Sem/Class : 7th Sem Course/Course Code: Municipal and Industrial Wastewater Engineering / 15CV71	The students will be shown the NPTEL Video on the lecture topics of the resource persons from IITs, NITK, etc. 
06.	Method : **DEMONSTRATION THROUGH WORKING MODELS** Faculty : Dr. C. G. Hemamalini Professor Sem/Class : 3rd Sem Course/Course Code: Fluid Mechanics / 17CV33	The students of second year were taken to FM lab to explain about the principles of working of pressure measuring devices namely piezometer, differential manometer and pressure gauge and discharge measuring devices namely Venturimeter and Orifice meter. Also, they were shown different types of notches and orifice. 

07.	Method : **FLIPGRID ASSIGNMENT** Faculty : Dr. C. G. Hemamalini Professor Sem/Class : 4th Sem Course/Course Code: Applied Hydraulics / 17CV43	4th semester B Sec students (2018-19) have given the model making event as assignment for the course Applied Hydraulics (17CV43). An online account in the flipgrid is created and added the students to post their model videos. Also they presented their models in the lab. Following link is for public access in our college website. **https://flipgrid.com/caa1ca54**