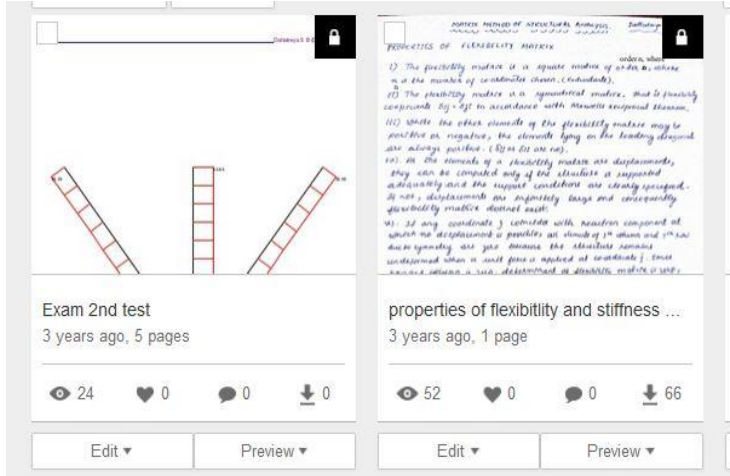



CRITERION 5	Faculty Information and Contributions	200
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### 5.5. Innovations by the Faculty in Teaching and Learning :

Sl. No.	Pedagogical Methods	Activities
01.	<p><u>Method</u> : <b>FLIPPED CLASSROOM</b></p> <p><u>Faculty</u> : Mr. Dattatreya S. Bhasari Assistant Professor</p> <p><u>Sem/Class</u> : 7<sup>th</sup> Sem</p> <p><u>Course/Course Code</u>: Matrix Method of Structural Analysis / 10 CV751</p>	<p>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.</p> 
02.	<p><u>Method</u> : <b>ON-SITE TEACHING</b></p> <p><u>Faculty</u> : Dr. Karthika B. S., Mr. Rabinandan J. and Mr. Bhuvan Kumar V. S. Assistant Professor</p> <p><u>Sem/Class</u> : 4<sup>th</sup> Sem and 6<sup>th</sup> SEM</p> <p><u>Course/Course Code</u>: Basic Surveying / 17 CV34 and Construction Management and Entrepreneurship / 15CV61</p>	<p>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.</p> 
03.	<p><u>Method</u> : <b>CASE STUDY DEMONSTRATION</b></p> <p><u>Faculty</u> : Mr. Sreenivasa V. Assistant Professor</p>	<p>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.</p>

	<p><u>Sem/Class</u> : 6<sup>th</sup> Sem</p> <p><u>Course/Course Code</u>: Geo Technical Engineering - II / 10 CV64 and Geo Technical Engineering Lab – 10CVL67</p>	
04.	<p><u>Method</u> : <b>GOOGLE CLASS ROOM</b></p> <p><u>Faculty</u> : Mr. Sreenivasa V. Assistant Professor</p> <p><u>Sem/Class</u> : 4<sup>th</sup> Sem</p> <p><u>Course/Course Code</u>: Basic Geo Technical Engineering / 17CV45</p>	<p>Creating a google classroom using google app. Students are made to join as members of the google class room. Notes materials, Assignments, Quiz questions are posted in the app. Students can participate in the quiz by registering through app sign in and evaluation will be done.</p> <p>Google classroom: Sample Quiz Google form</p> 
05.	<p><u>Method</u> : <b>SEMINAR ASSIGNMENTS</b></p> <p><u>Faculty</u> : Dr. C. G. Hemamalini Professor</p> <p><u>Sem/Class</u> : 7<sup>th</sup> Sem</p> <p><u>Course/Course Code</u>: Municipal and Industrial Wastewater Engineering / 15CV71</p>	<p>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.</p>



The students will be shown the NPTEL Video on the lecture topics of the resource persons from IITs, NITK, etc.

Method : NPTEL VIDEO CLASS  
ROOM

Faculty : Dr. C. G. Hemamalini  
Professor

Sem/Class : 7<sup>th</sup> Sem

Course/Course Code: Municipal and  
Industrial Wastewater Engineering /  
15CV71

06.



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.

Method : DEMONSTRATION  
THROUGH WORKING MODELS

Faculty : Dr. C. G. Hemamalini  
Professor

Sem/Class : 3<sup>rd</sup> Sem

Course/Course Code: Fluid Mechanics /  
17CV33

07.

