

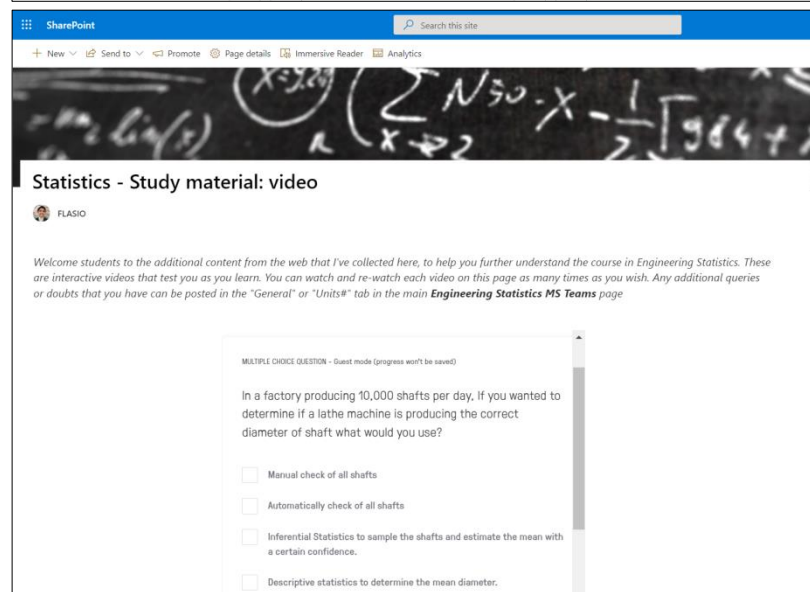
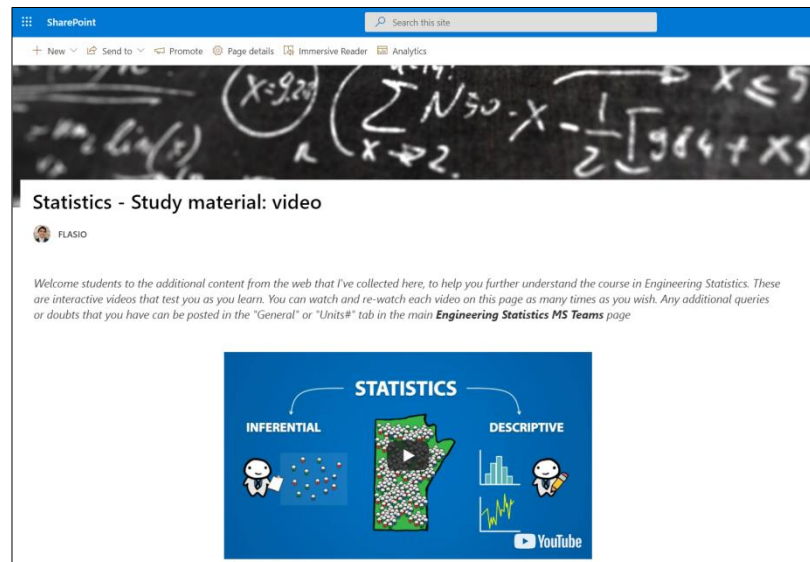


Content beyond Syllabus / Innovation in Teaching

Course : ME 5.1 Engineering Statistics
Class : TE Mechanical, Semester V
Course Instructor : Flasio Colaço

The following are the list of innovative teaching methods and content taught that is beyond the scope of the syllabus, during the course of the semester.

1. Development of in-house online website recourse with interactive videos sourced from credible websites. These videos have been designed with questions embedded within them as the video plays. After a certain section of the video is viewed by the student a question on the same will pop up on the students screen. The student can then test his/her understanding of the topic with feedback provided (pre-programmed) to the student on his answer. This keeps the student engaged in the video lecture by making it interactive rather than just a monotonous playback.






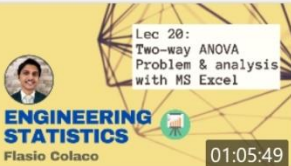
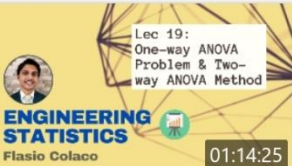
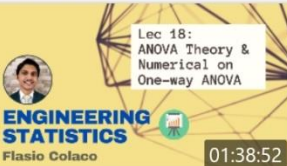
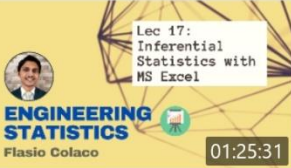
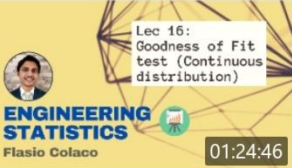
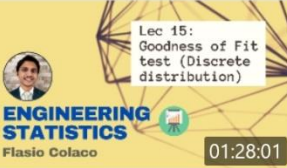
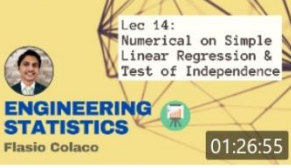
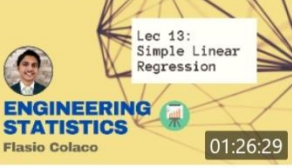


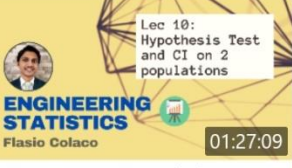

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Department of Mechanical Engineering

2. Video lecture series prepared from the online lectures and provided to students in an easily assessable format on Microsoft Streams. All classes taken online were recorded and made available to students to access them whenever then needed to revise topics. This along with class notes provided on the website and MS teams made it very convenient for students to access all study material in one place without having to refer to many reference books. This was particularly helpful in the lockdowns due to the Covid-19 pandemic.

← **ME 5.1 Engineering Statistics Lecture Videos** ⋮
ME 5.1 Engineering Statistics / General

 **ME 5.1 Engineering Statistics**
20 videos | 7 followers

 ENGINEERING STATISTICS Flasio Colaco 01:05:49 ES Lec 20: 2-Way ANOVA prob... 17 0	 ENGINEERING STATISTICS Flasio Colaco 01:14:25 ES Lec 19: One-Way ANOVA pr... 16 0	 ENGINEERING STATISTICS Flasio Colaco 01:38:52 ES Lec 18: ANOVA theory and ... 29 0
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