

Department: Mechanical Engineering; Term: Spring Semester, 2021

Name of the Programme: B.Tech in Mechanical Engineering

Course title: Computer-Aided Engineering; Course Code: ME316; L-T-P-Cr: 1-0-2-5

Sl. No.	Course module	Delivery mode	URL link of content	Duration (Minutes)	No. of participants
Uploaded Course Plan			https://classroom.google.com/c/MjY1NDEzMDg2NjY2/p/MjcwNDU1MjA0MDc5/details	NA	NA
1	An introduction	Live lecture - 1	https://drive.google.com/file/d/1MKn8eEmzYu0TWInn61cPIB9kXayiG26h/view?usp=sharing	53	42
2	Introduction to FEM	Live lecture - 2	https://drive.google.com/file/d/1gN4_pfbnqjxMvG68HB4gxiXoNMBvvEmY/view?usp=sharing	40	40
3	Tutorial class on Auto CAD	Live lecture - 3	https://drive.google.com/file/d/10AEjl2d7OyHt68oX7ArCOY3G0SVQLIXP/view?usp=sharing	26	40
4	Tutorial class on Solid Edge	Live lecture - 4	https://drive.google.com/file/d/159ZR47QbfNwKf2gCjlmQlclhwBV6-m6/view?usp=sharing	34	42
5	Introduction to FEM	Live lecture - 5	https://drive.google.com/file/d/1WcoBlyFHpmOD8jvCURZsP8fJ9dmo69YE/view?usp=sharing	52	43
6	Need and applications of FEM	Live lecture - 6	https://drive.google.com/file/d/1S06TYGjfvTgCu_vLJlollmOgpv5WshCz/view?usp=sharing	44	40
7	Tutorial class presented by students	Live lecture - 7	https://drive.google.com/file/d/1UUHRXFH92VZBkF6lQ-EITL4hZrxAw5GO/view?usp=sharing	45	32
8	Tutorial class on SOLIDWORKS	Live lecture - 8	https://drive.google.com/file/d/11cucXoQqXDo3Bv4v8iN7MBtYbupUXo37/view?usp=sharing	52	46
9	Advantages and different approach of FEM	Live lecture - 9	https://drive.google.com/file/d/1smG5-i3bV5sCtmEm3-EMfBc8nRxuw_s1/view?usp=sharing	41	41
10	Test-I presented by students_1	Live lecture - 10	https://drive.google.com/file/d/11sAh_CWk0xeuf4bn5MuOs2cEpOnS1Rdx/view?usp=sharing	114	44

	Uploaded class note introduction to FEM		https://classroom.google.com/c/MjY1NDEzMDg2NjY2/p/MjkyNzY5MjcZnzcZ/details	NA	NA
11	Test-I_presented by students_2	Live lecture - 11	https://drive.google.com/file/d/1lVWBYZVrn77pBWSiagA_685jBwjJxxhX/view?usp=sharing	52	44
12	Theory on direct formulation and problem solving	Live lecture - 12	https://drive.google.com/file/d/1vBFy-5K49CvU-EfayKblw8rb8CLDBguQ/view?usp=sharing	54	39
13	Test-I_presented by students_3	Live lecture - 13	https://drive.google.com/file/d/13YtKOrgT4gIXLTwGx7FIh_E681Ros4Xk/view?usp=sharing	106	24
	Uploaded class note direct FE formulation		https://drive.google.com/file/d/1qpohiVggDcOfVOZUq_d-s_I5uc8p8gf/view?usp=sharing	NA	NA
14	Test-I_presented by students_4	Live lecture - 14	https://drive.google.com/file/d/1G4WDwr41fHxzCUFLamLLa4w3yGCNqDiu/view?usp=sharing	115	32
15	Test-I_presented by students_5	Live lecture - 15	https://drive.google.com/file/d/132GXd-VbuvkU1EqekH0mBRqYsSSdWbso/view?usp=sharing	119	29
16	Tutorial class on ANSYS	Live lecture - 16	https://drive.google.com/file/d/1RpeGZmptY-nMVb8LdeGaXNcT_iuiNi1/view?usp=sharing	49	49
17	Test-II_presented by students_1	Live lecture - 17	https://drive.google.com/file/d/1iSIARK9L1WmIsTKJnM2qoQ-klFSKrCu8/view?usp=sharing	123	44
18	Test-II_presented by students_2	Live lecture - 18	https://drive.google.com/file/d/1hX_Fs55EKi4XeeHWtRT8GrxUDF0bNSS_/view?usp=sharing	55	38
19	Test-II_presented by students_3	Live lecture - 19	https://drive.google.com/file/d/101ydCrHOHuZzTyaHht6P6XbRXOQdr4-0/view?usp=sharing	92	38
20	Test-II_presented by students_4	Live lecture - 20	https://drive.google.com/file/d/1a8g_zV3Dxb6uOTsLayBZ6pX9znWCtHE9/view?usp=sharing	120	48
21	Test-II_presented by students_5	Live lecture - 21	https://drive.google.com/file/d/1dnf4qEzFE2lcZhsCdwXif_GRhlvH5x/view?usp=sharing	52	35
22	Test-II_presented by students_6	Live lecture - 22	https://drive.google.com/file/d/1WJf8WzlfDsdggMD_eboRTN-a5KG4blmY/view?usp=sharing	129	49