

Date: 2nd September 2019

Subject: Schedule for Technical Training – ANSYS (VAT 76)

Attention: Students of B.Tech 5th Semester (Mechanical & Mechanical Automobile Engineering)

The students are hereby informed that the Technical Training – ANSYS will be held from 8th September to 5th October 2019 for the students of B.Tech 5th Semester (Mechanical & Mechanical Automobile Engineering).

Note: It is mandatory for all the above-mentioned students to attend the training.


Mr. Gaurav Singh
Head - CDC
Career Development Cell
DIT University, Dehradun


Registrar
DIT University, Dehradun

To:

- All Deans / Directors
 - HoDs
 - Head CDC
- } With the request to bring the above to the notice of the students

Copy to:

- Chairman
 - Chancellor
 - Vice Chancellor
 - Pro Vice Chancellor
- } For information please

Technical Training-ANSYS for B.Tech-ME & ME-AE Students

Course:-B.Tech- ME & ME-AE 3rd Year

Venue:-Chanakya Seminar Hall

Organized By- Department of Mechanical Engineering **Date:-**8th September- 5th October 2019

Duration:-40 Hrs.

Timings:-3:00 PM to 5:00 PM

Training Objective:

- The primary objective of this Ansys Mechanical Training class is to teach participants Finite Element Analysis in Ansys Mechanical Workbench.
- Thus, upon completion of this course, participants will be able to set up, solve, and diagnose their own Structural Analyses in the Ansys Mechanical Workbench.
- This is a problem-based training where the focus will be on understanding what's under the black box so as to move beyond garbage-in, garbage-out.
- Learner's practice using a common solution approach to problems involving different physics: structural mechanics, fluid dynamics and heat transfer.
- Textbook examples are solved to help understand the fundamental principles of finite-element analysis and computational fluid dynamics.
- Then these principles are applied to simulate real-world examples in the tool including a bolted rocket assembly and a wind turbine rotor.
- By working through examples in a leading simulation tool that professionals use, students learn to move beyond button pushing and start thinking like an expert.
- This training provides learners with the most flexible learning environment possible.
- It can be accessed from multiple devices which makes it easy to learn on the go.
- Trainings are pre-recorded or in slide presentation with voice-over commentary, interactive discussion boxes that foster student to student interaction, Email communication with the instructor are part of this process.

Training Overview:

- Ansys Mechanical is a finite element analysis (FEA) tool that enables you to analyze complex product architectures and solve difficult mechanical problems.



Registrar
DIT University, Dehradun

- You can use Ansys Mechanical to simulate real world behavior of components and sub-systems and customize it to test design variations quickly and accurately.

Requisite:

The program is designed for students or professionals who are:

- Having a Diploma, BE / B. Tech or equivalent in domains such as Automotive, Mechanical, EEE, ECE, Instrumentation, Mechatronics, and Aeronautics.
- Designing enthusiasts (No academic qualification mandatory)
- Working in industries such as Automotive, Auto component, Design, Manufacturing, etc.

Training Outcomes:

- The students have learnt to develop and apply new theories, concepts, and methods.
- Developed extensive knowledge and understanding of a wide range of computer modelling and simulation software.
- Have learnt to Identify, formulate, and solve engineering problems.
- Applied knowledge of mathematics, science, and engineering.
- Have learnt Design and conduct experiments, as well as to analyze and interpret data.
- Big ideas in finite-element analysis and computational fluid dynamics
- Structural mechanics simulations using ANSYS Mechanical™
- Mathematical models underlying simulations
- Building simulations of real-world applications using ANSYS software
- Verification and validation of simulations including checking against hand calculations
- Build an approach within engineering analysis and simulations like an expert



Registrar
DU University, Dehradun

Annexure - II

Value added course Details (Academic Year: 2019-20)

VAT Course Name: Ansys Training

VAT Code: VAT 76

Duration in Hours: 40

Number of Students Enrolled: 124

Number of Students Completed: 120

Deved
Shubh
Career Development Cell
DIT University, Dehradun

Grades: G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw

Student ID	Student Name	Program/Course	Year	Passing Grade
160106029	PUSHPENDRA KUMAR SAHU	BTME	3rd Year	S
170113006	SIDDHARTH PATHANIA	BTME-AE	3rd Year	S
170113032	MITHANSHU SHARMA	BTME-AE	3rd Year	S
170106036	AKSHAT JAIN	BTME	3rd Year	S
170113017	NITISH KASHYAP	BTME-AE	3rd Year	S
170106083	YUDHISHTAR CHAUHAN	BTME	3rd Year	G
170106069	ANKUR PRATAP SINGH	BTME	3rd Year	S
170106032	DHIRAJ KUMAR	BTME	3rd Year	P
170113008	RAASHI TANEJA	BTME-AE	3rd Year	S
170106012	SHIV SABLOK	BTME	3rd Year	G
170106079	SACHIN KUMAR	BTME	3rd Year	S
170106008	ABHISHEK VERMA	BTME	3rd Year	S
170106055	SHIVANSH PRATAP SINGH CHAUHAN	BTME	3rd Year	S
170106088	ALOK RANJAN SINGH	BTME	3rd Year	S
170106020	ARSH KUMAR	BTME	3rd Year	S
170106028	MOHAMMAD FAISAL	BTME	3rd Year	S
170106022	CHETAN PANDEY	BTME	3rd Year	G
170106017	AISHWARY GUPTA	BTME	3rd Year	S
170106001	ADITI MISRA	BTME	3rd Year	S
170106050	NITESH TRIPATHI	BTME	3rd Year	S
170106046	ANURAG PAL	BTME	3rd Year	G
170106062	JAYESH ARORA	BTME	3rd Year	S
170106071	DEV GOSWAMI	BTME	3rd Year	S
170113029	MANAV SIKKA	BTME-AE	3rd Year	S
170106085	SHUBHAM UPADHYAY	BTME	3rd Year	S
170106030	TARUN BHATT	BTME	3rd Year	S
170106053	ADITYA PRATAP BHANDARI	BTME	3rd Year	S
170106038	MIHIR LAKHERA	BTME	3rd Year	G
170106087	KARTIK KAUSHAL	BTME	3rd Year	S
170106010	SANSKAR SINGH NEGI	BTME	3rd Year	S
170106048	GAUTAM PUNETHA	BTME	3rd Year	S
170113012	SHIVAM KUMAR	BTME-AE	3rd Year	G
170106075	BIPIN SINGH BHAT	BTME	3rd Year	S
170106077	ANMOL TYAGI	BTME	3rd Year	S
170113003	RAJAT GUPTA	BTME-AE	3rd Year	S
170113011	HARSHIT BELWAL	BTME-AE	3rd Year	S
170106034	SAURABH SINGH RAUTELA	BTME	3rd Year	P
170106042	PRATEEK SEMWAL	BTME	3rd Year	S
170106089	SAMEER KUMAR	BTME	3rd Year	G
170106076	NISCHAY PALIWAL	BTME	3rd Year	S

Deved
Registrar
DIT University, Dehradun

170113002	SUNDARAM DHAR DWIVEDI	BTME-AE	3rd Year	S
170113013	PULKIT KULYAL	BTME-AE	3rd Year	S
170113031	RAGHAV RAINA	BTME-AE	3rd Year	G
170113021	MANGLAM RASTOGI	BTME-AE	3rd Year	S
170106082	ABHIMANYU CHOUDHARY	BTME	3rd Year	S
170113015	KUNAL SINGH	BTME-AE	3rd Year	S
170113016	MAYANK NAUDIYAL	BTME-AE	3rd Year	P
170106031	PANKAJ MANRAL	BTME	3rd Year	S
170106057	ANIRUDH RAUTELA	BTME	3rd Year	S
170106056	AADARSH CHOUDHARY .	BTME	3rd Year	G
170106064	ANUJ P.S SIKARWAR	BTME	3rd Year	S
170113023	SREJANSH SRIVASTAVA	BTME-AE	3rd Year	S
170106026	OMPRAKASH .	BTME	3rd Year	S
170106086	PURU SRIVASTAVA	BTME	3rd Year	G
170113010	VYOM RASTOGI	BTME-AE	3rd Year	S
170106021	SHASHANK BAHUGUNA	BTME	3rd Year	S
170106061	SAURABH BHATT	BTME	3rd Year	S
170106025	AKASHJYOTI BARMAN	BTME	3rd Year	S
170106035	MOHIT BHANDARI	BTME	3rd Year	S
170106040	ANSHUL RAWAT	BTME	3rd Year	S
170106070	ADBHUT TRIPATHI	BTME	3rd Year	G
170106045	DEEPAK SINGH	BTME	3rd Year	S
170113027	AKASH SINGH	BTME-AE	3rd Year	S
170106007	AKSHAT THAPLIYAL	BTME	3rd Year	S
170113025	SIDDHARTH SHRIWASTWA	BTME-AE	3rd Year	P
170106081	ADITYA PANCHAL	BTME	3rd Year	S
170106003	ROSHAN JOSHI	BTME	3rd Year	S
170106068	RAHUL GURUNG	BTME	3rd Year	S
170113007	DHEERAJ ADHIKARI	BTME-AE	3rd Year	S
170106023	HARSHIT KUMAR	BTME	3rd Year	S
170113001	VISHESH MITTAL	BTME-AE	3rd Year	S
170106049	RAHUL DESWAL	BTME	3rd Year	G
170106067	SAGAR VERMA .	BTME	3rd Year	S
170106047	AADITYA SINGH .	BTME	3rd Year	S
170106066	PIYUSH YADAV	BTME	3rd Year	S
170106029	HARISH KUMAR	BTME	3rd Year	G
170113009	AMOGH UNIYAL	BTME-AE	3rd Year	S
170106033	DEEPAK PRAJAPATI	BTME	3rd Year	S
170106019	UMANG NAGAR	BTME	3rd Year	S
170106090	SAHIL KUMAR TIWARI	BTME	3rd Year	S
170113028	SUMIT KUMAR	BTME-AE	3rd Year	S
170106078	ABHISHEK ANAND .	BTME	3rd Year	S
170106080	AVINASH KUMAR SONU	BTME	3rd Year	G
170113033	DEVANSH SHUKLA	BTME-AE	3rd Year	S
170106024	PUNIT SINGH	BTME	3rd Year	S
170106058	MANISH SINGH GARIA	BTME	3rd Year	S
170106015	ADITYA KUMAR	BTME	3rd Year	G
170113018	RAJHANS PRASAD	BTME-AE	3rd Year	S
170113020	SATYAM KUMAR	BTME-AE	3rd Year	S
170113014	ARBAZ KHAN	BTME-AE	3rd Year	S

170106002	HIMANSHI BISHT	BTME	3rd Year	S
170106044	OMAR MASOOD	BTME	3rd Year	S
170106013	PANKAJ RAWAT	BTME	3rd Year	S
170113004	HARSH KUMAR KHARWAR	BTME-AE	3rd Year	G
170113005	MAYANK RAUTELA	BTME-AE	3rd Year	S
170106073	HARSH GURURANI	BTME	3rd Year	S
170106054	GOVINDA KUMAR	BTME	3rd Year	S
170106074	MIT RITA GOSWAMI	BTME	3rd Year	G
170106063	SHUBHAM KUMAR	BTME	3rd Year	S
170106084	TANMAY ANIL KADAM	BTME	3rd Year	S
170106011	SHIVALAY SAXENA	BTME	3rd Year	S
170106043	PARAS TARAGI	BTME	3rd Year	S
170106006	SAURABH CHAND	BTME	3rd Year	S
170106052	ABHISHEK NEGI	BTME-AE	3rd Year	S
170106093	AYUSH CHAKARBORTHY	BTME	3rd Year	G
170106092	ARYAN PANDEY	BTME	3rd Year	S
170106094	NITIN BALAYAN	BTME	3rd Year	S
170106102	AAKASH KANAKHARA	BTME	3rd Year	S
180106908	MEGHA RAI	BTME	3rd Year	G
180106901	NISHANK KAUSHIK	BTME	3rd Year	S
180113901	ABHED PRASAD	BTME-AE	3rd Year	S
180106903	SANMOHAN DAS	BTME	3rd Year	S
180113902	PRAKHAR AGGARWAL	BTME-AE	3rd Year	S
180113900	HARSH TEOTIA	BTME-AE	3rd Year	S
180106905	SUDERSHAN CHAUHAN	BTME	3rd Year	S
180106904	JATIN PANDEY	BTME	3rd Year	G
180106911	RAYMON SINGH	BTME	3rd Year	S
180106900	ANKIT RANA	BTME	3rd Year	S
180106914	MADHUR PATARI	BTME	3rd Year	S
180113904	ASHISH LOHANI	BTME-AE	3rd Year	G
180106912	SANGAM RAMOLA	BTME	3rd Year	S
180106913	VIPUL KULASARI	BTME	3rd Year	S
180106915	HIMANSHU KUMAR	BTME	3rd Year	S
180106916	ABHISHEK SINGH	BTME	3rd Year	S


 Registrar
 DIT University, Dehradun