

About the Institution

Malla Reddy Engineering College (Autonomous) is one of the reputed engineering colleges in Hyderabad, Telangana. MREC (A) is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal (M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. A. Ramaswami Reddy, Director, MREC (A)** and **Dr.S.Sudhakar Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.

Advisory Committee

Chief Patrons: Sri. Ch. Malla Reddy, Minister-Telangana State-India.
Founder Chairman
Malla Reddy Group of Institutions

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Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI

Co-Patrons: Dr.A.RamaSwami Reddy
Director, MREC (A)
Dr.S.Sudhakar Reddy
Principal, MREC (A)

Convener: Dr. Yogesh Madaria
HOD ME

Coordinator: Mr.Sarvana Bhavan
Professor, ME

Resource Person 1: Dr Nithin Kumar
Assistant professor
2: Dr. Siva Prasad D
Associate professor

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Dr.T.Ramachandran, Professor, ME.
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Dr.Shaik Hussain, Professor., ME
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Dr.A. Panj Praveen, Assoc. Prof., ME
Mr. A. Saravan Bhavan, Asst.Prof., ME
Mr. A.Rajendar Asst.Prof., ME



A One-Month Skill development Course (Value added Course)

On

"NUMERICAL ANALYSIS OF FLUID FLOW USING FLUENT SOFTWARE"

(17th AUG to 25th SEP, 2020)



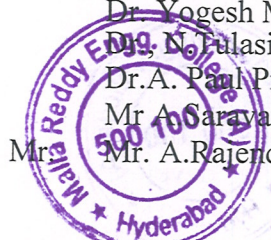
Organized by
Department of

Mechanical Engineering

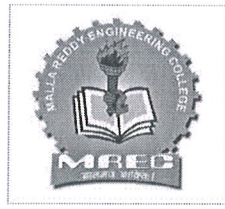
MALLA REDDY ENGINEERING COLLEGE

(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Reaccredited by NAAC with 'A' Grade (II Cycle)
Maisammaguda (H), Gundlapochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India.



Received
PRINCIPAL
Malla Reddy Engineering College
(Autonomous)
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500 100



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100
www.mrec.ac.in

Department of Mechanical Engineering

CIRCULAR

Date: 12/08/2020

All the students are hereby informed that Value Added Course on “**Numerical Analysis of Fluid flow using FLUENT Software**” on date **17-08-2020 to 25-9-2020**, is being organized by the mechanical engineering department. The resource person for the course is “Dr. Pola venkata gopal krishna, Y.Gajalappa”.

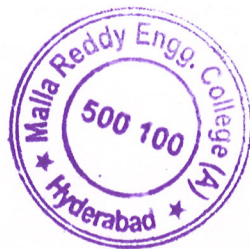
Students are advised to register their names to the programme coordinator “Mr.Srinivasa Rajneesh”, on or before 16/08/2020 and utilize this opportunity to enhance their skills by attending the programme.


The detailed schedule of the programme will be displayed in the notice board.

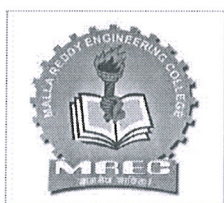

Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.




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DEPARTMENT OF MECHANICAL ENGINEERING

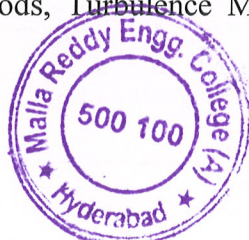
ACADEMIC YEAR: 2020-21

SYLLABUS

Value added course name: “Numerical Analysis of Fluid flow using FLUENT Software”

Value added course Instructor : Dr. Nithin Kumar, Dr. Siva Prasad D

- What is CFD? Applications of CFD & Uses of CFD, The Mathematics of CFD, Fundamentals of Fluid Mechanics equation of state, CFD Methodology, Introduction to ANSYS Fluent, Planning Your CFD Analysis with Fluent
- Graphical User Interface (GUI), Menu Bar & Toolbars, The Navigation Pane, Task Pages, The Console, Boundary Conditions, Fluent in Workbench, Solid Modeling Fundamentals, Creating a Fluent Fluid Flow Analysis System in ANSYS Workbench, Creating the Geometry in ANSYS Design Modeler, Meshing the Geometry in the ANSYS Meshing Application, Setting Up the CFD Simulation in ANSYS Fluent, Displaying Results in ANSYS Fluent and CFD-Post.
- Duplicating the Fluent-Based Fluid Flow Analysis System, Changing the Geometry in ANSYS DesignModeler, Updating the Mesh in the ANSYS Meshing Application, Calculating a New Solution in ANSYS Fluent, Comparing the Results of Both Systems in CFD-Post, Transonic Flow– Externally Compressible, Problem Description, Turbulence Models
- Mesh & General Settings, Models & Materials, Boundary Conditions, Operating Conditions, Solution & Post processing, Simulation Physics & Boundary Conditions, Set Boundary Conditions, Set Operating Conditions, Set Solution Methods, Turbulence Model in Fluent, Problem Specification



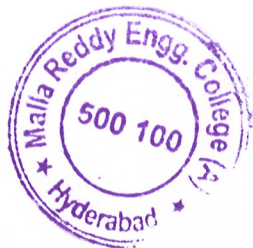
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Preliminary Analysis Geometry Mesh Mesh Refinement, Physics Setup
Numerical Solution Numerical Results Verification & Validation

- Modeling Periodic Flow and Heat Transfer, Introduction Problem Description
Mesh General Settings, Models Materials Cell Zone Conditions Periodic
Conditions Boundary Conditions Solution Post processing, Modeling
Radiation and Natural Convection.
- Introduction Problem Description, Reading and Checking the Mesh
Specifying Solver and Analysis Type Specifying the Models, Defining the
Materials Specifying Boundary Conditions Obtaining the Solution Post
processing, Comparing the Contour Plots after Varying Radiating Surfaces
S2S Definition, Solution, and Post processing with Partial enclosure.
- Turbulent Flow in a Compact Heat Exchanger, introduction Prerequisites
Problem Description Setup and Solution.


Coordinator


HOD-ME




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**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

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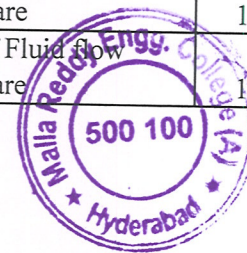
Department of Mechanical Engineering

Sl. No	Name of the Student	Roll No	Details of Value Added Course	Duration	
				Start date	End date
1	G NINITHA	18J41A0316	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
2	GODISHALA SANTHOSH	18J41A0317	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
3	GORLA ADARSH YADAV	18J41A0318	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
4	HANMANAGARI SAINATH REDDY	18J41A0319	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
5	JAMPAREDDY VENKATA SAI KIRAN REDDY	18J41A0320	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
6	KALA SAI SINDHU	18J41A0321	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
7	KANCHARANA CHARAN RAJU	18J41A0322	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
8	KASARLA AJAY	18J41A0323	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
9	KOTA SANKETH	18J41A0324	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
10	KUMMARI THIRUMALA	18J41A0325	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
11	KURAPATI AKHILESH	18J41A0326	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
12	LAVUDYA SUNIL	18J41A0327	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
13	MAHARAJU HRUTHIK	18J41A0328	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020



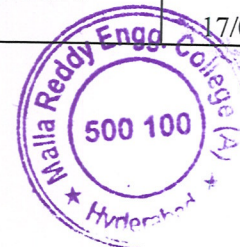
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14	MANNE THARUN	18J41A0329	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
15	METLA SIDDHANTH	18J41A0330	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
16	MITTAPELLI SUMANTH	18J41A0331	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
17	POLAKI JOTHISH KUMAR	18J41A0345	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
18	POLISETTI DATTU	18J41A0346	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
19	RACHARLA SRIRAM GANESH	18J41A0347	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
20	RATHOD KARTHIK	18J41A0348	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
21	SANGISETTI PRANAY TEJA	18J41A0349	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
22	SHAIK ALTHAF	18J41A0350	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
23	SHRIRAM P IYER	18J41A0351	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
24	SYED IMRAN	18J41A0352	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
25	THAGIREDDY ARAVIND REDDY	18J41A0353	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
26	ANGARAPU SATISH	18J41A0365	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
27	ANUMULA SAI RATHAN REDDY	18J41A0366	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
28	ARRABALANOLLA RAJESH	18J41A0368	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
29	B Karthik Deshmukh	18J41A0369	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
30	BAWASKAR RUTHIKA PRALHAD	18J41A0370	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020



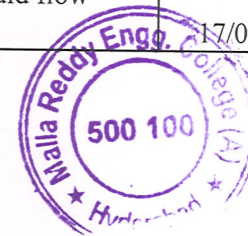
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31	CHINDULURI VASANTH KRISHNA	18J41A0372	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
32	D SHIVAM	18J41A0373	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
33	DANETI DILEESH UPENDRA KARTEEK	18J41A0374	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
34	DARSHANAM KARTHIK	18J41A0375	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
35	DESABATHULA MANOJ	18J41A0376	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
36	DRAKSHARAM VENKATA SUDHEER KUMAR	18J41A0377	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
37	G SAI KARTHIK	18J41A0379	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
38	G SAI SHIVA	18J41A0380	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
39	JAI PAVAN SUBBA RAJU V	18J41A0381	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
40	JALADANKI PRANAY SEKHAR	18J41A0382	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
41	JAM VIJAY	18J41A0383	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
42	POTHARABOINA VINAY YADAV	18J41A03A9	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
43	PRANAY PADAMWAR	18J41A03B0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
44	S PREM CHAND	18J41A03B1	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
45	SANYEM REVANTH GOUD	18J41A03B2	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
46	SARA KRISHNA GOUD	18J41A03B3	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
47	THOGARU SHOURY PHANY	18J41A03B4	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020



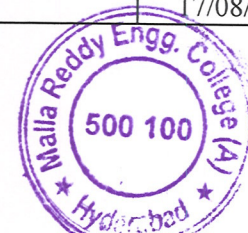
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48	U DIVYASRI BHARGAVI	18J41A03B5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
49	VEMULA RAHUL	18J41A03B8	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
50	VIJAYAGIRI VISHNU	18J41A03B9	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
51	VISHNU V P	18J41A03C0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
52	A RAVI SETTY	18J41A03C1	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
53	ADEPU SAI ANVESH	18J41A03C2	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
54	ADIGOPPULA SAITEJA	18J41A03C3	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
55	AJAY KAPPALA	18J41A03C4	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
56	ATHKURI ANIL	18J41A03C5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
57	BADUKOLU ABHILASH	18J41A03C6	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
58	BOLLI VENKATESH	18J41A03C7	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
59	CHALLA AKSHAY	18J41A03C9	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
60	CHEEKATIMAMILLA HARSHITH	18J41A03D0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
61	CHOHAN NARENDAR SINGH	18J41A03D1	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
62	DASAMANTHARAO UHITH SAI	18J41A03D2	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
63	KONKATI SRINATH	18J41A03E4	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
64	KOTHA AJAY REDDY	18J41A03E5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020



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65	KOTHA SAI NIKHIL	18J41A03E6	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
66	KUCHALLA VAMSHI	18J41A03E7	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
67	KULKARNI AKSHAY	18J41A03E8	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
68	UPPALAPATI G S M PRAKASH	18J41A03H5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
69	V DEVI VARA PRASAD	18J41A03H6	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
70	VADLA RANJEETH KUMAR	18J41A03H7	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
71	VANGAPATI VENKATA SIVA	18J41A03H8	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
72	VANKA NIKHIL RAO	18J41A03H9	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
73	VEMULA PAVAN	18J41A03J0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
74	EMMANDI DIMPLE TARUN	18J41A03K4	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
75	ESLAVATH VINAYAK	18J41A03K5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
76	GAJARLA SAIKRISHNA	18J41A03K6	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
77	GAKKA ALEKYA	18J41A03K7	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
78	GAYAPU VISHNU VARDHANREDDY	18J41A03K8	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
79	GUDLA RHEMA ANGEL	18J41A03L0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
80	GUNDAPUNENI SAIKUMAR	18J41A03L1	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
81	JINNARAM KALYAN KUMAR	18J41A03L2	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020



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82	KADIYALA SAI RAM	18J41A03L4	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
83	KALLEM YASHWANTH REDDY	18J41A03L5	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
84	VATTIKULA UMAMAHESH	18J41A03P6	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
85	VEMAVARAPU ABHINAV	18J41A03P7	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
86	Y NIKHIL	18J41A03P8	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
87	YALUGURI SAI SWAROOPA	18J41A03P9	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
88	YELIGETI AKHIL	18J41A03Q0	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
89	MAHESHWARAM SRIJA	19J45A0320	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
90	MATLA ABHINAV	19J45A0321	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
91	NADIKATTU SAIBRAHMA REDDY	19J45A0322	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
92	NASHETTY ANUSREE	19J45A0323	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
93	PANTHULU RAMCHANDAR	19J45A0324	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020
94	SHEIK SAJJAD AHMED	19J45A0325	Numerical Analysis of Fluid flow using FLUENT Software	17/08/2020	25/09/2020

Chakravarthy
HOD



Ramesh
PRINCIPAL

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Telangana State – 500100

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DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR: 2020-21

A SUMMARY REPORT

Value added course name: Numerical Analysis of Fluid flow using FLUENT Software

Value added course Instructor: Dr. Nithin Kumar, Dr. Siva Prasad D

Course Summary:

On the first week of the sessions (i.e 17-08-2020) Dr. Nithin Kumar,, delivered a lecture on the What is CFD? Applications of CFD & Uses of CFD, The Mathematics of CFD, Fundamentals of Fluid Mechanics equation of state, CFD Methodology, Introduction to ANSYS Fluent, Planning Your CFD Analysis with Fluent Graphical User Interface (GUI), Menu Bar & Toolbars, The Navigation Pane, Task Pages, The Console , Boundary Conditions , Fluent in Workbench , Solid Modeling Fundamentals.

During the second week of the sessions (i.e 24-08-2020) Dr. Siva Prasad D, has introduced the Creating a Fluent Fluid Flow Analysis System in ANSYS Workbench, Creating the Geometry in ANSYS Design Modeler, Meshing the Geometry in the ANSYS Meshing Application, Setting Up the CFD Simulation in ANSYS Fluent, Displaying Results in ANSYS Fluent and CFD-Post.

During the third week of the sessions (i.e 1-09-2020) Dr. Nithin Kumar, has explained and make practical sessions Transonic Flow–Externally Compressible, Problem Description, Turbulence Models Mesh & General Settings, Models & Materials, Boundary Conditions, Operating Conditions, Solution & Post processing, Simulation Physics & Boundary Conditions, Set Boundary Conditions, Set Operating Conditions, Set Solution Methods, Turbulence Model in Fluent, Problem Specification.



Ravi
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During the fourth week of the sessions (i.e 7-09-2020), Dr. D Siva Prasad has conducted the practical sessions in the laboratory related to the concepts of Preliminary Analysis Geometry Mesh Mesh Refinement, Physics Setup Numerical Solution Numerical Results Verification & Validation


During the fifth week of the sessions (i.e 14-09-2020), Dr. Nithin Kumar has conducted the practical sessions in the laboratory, by explaining the concepts of applying Introduction Problem Description, Reading and Checking the Mesh Specifying Solver and Analysis Type Specifying the Models, Defining the Materials Specifying Boundary Conditions Obtaining the Solution.

During the sixth week of the sessions (i.e 21-09-2020), Dr. D Siva Prasad has conducted the practical sessions in the laboratory, by explaining the concepts of inserting processing, Comparing the Contour Plots after Varying Radiating Surfaces S2S Definition, Solution, and Post processing with Partial enclosure. Turbulent Flow in a Compact Heat Exchanger, introduction Prerequisites Problem Description Setup and Solution.


Coordinator


HOD-ME




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Department of Mechanical Engineering

Sl. No	Name of the Student	Roll No	Details of Value Added Course	Course Completion
1	G NINITHA	18J41A0316	Numerical Analysis of Fluid flow using FLUENT Software	Yes
2	GODISHALA SANTHOSH	18J41A0317	Numerical Analysis of Fluid flow using FLUENT Software	Yes
3	GORLA ADARSH YADAV	18J41A0318	Numerical Analysis of Fluid flow using FLUENT Software	Yes
4	HANMANAGARI SAINATH REDDY	18J41A0319	Numerical Analysis of Fluid flow using FLUENT Software	Yes
5	JAMPAREDDY VENKATA SAI KIRAN REDDY	18J41A0320	Numerical Analysis of Fluid flow using FLUENT Software	Yes
6	KALA SAI SINDHU	18J41A0321	Numerical Analysis of Fluid flow using FLUENT Software	Yes
7	KANCHARANA CHARAN RAJU	18J41A0322	Numerical Analysis of Fluid flow using FLUENT Software	Yes
8	KASARLA AJAY	18J41A0323	Numerical Analysis of Fluid flow using FLUENT Software	Yes
9	KOTA SANKETH	18J41A0324	Numerical Analysis of Fluid flow using FLUENT Software	Yes
10	KUMMARI THIRUMALA	18J41A0325	Numerical Analysis of Fluid flow using FLUENT Software	No
11	KURAPATI AKHILESH	18J41A0326	Numerical Analysis of Fluid flow using FLUENT Software	Yes
12	LAVUDYA SUNIL	18J41A0327	Numerical Analysis of Fluid flow using FLUENT Software	Yes
13	MAHARAJU HRUTHIK	18J41A0328	Numerical Analysis of Fluid flow using FLUENT Software	Yes
14	MANNE THARUN	18J41A0329	Numerical Analysis of Fluid flow using FLUENT Software	Yes



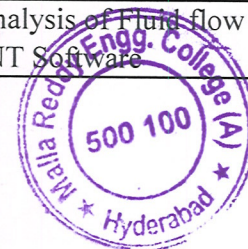
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15	METLA SIDDHANTH	18J41A0330	Numerical Analysis of Fluid flow using FLUENT Software	Yes
16	MITTAPELLI SUMANTH	18J41A0331	Numerical Analysis of Fluid flow using FLUENT Software	Yes
17	POLAKI JOTHISH KUMAR	18J41A0345	Numerical Analysis of Fluid flow using FLUENT Software	Yes
18	POLISETTI DATTU	18J41A0346	Numerical Analysis of Fluid flow using FLUENT Software	Yes
19	RACHARLA SRIRAM GANESH	18J41A0347	Numerical Analysis of Fluid flow using FLUENT Software	Yes
20	RATHOD KARTHIK	18J41A0348	Numerical Analysis of Fluid flow using FLUENT Software	Yes
21	SANGISETTI PRANAY TEJA	18J41A0349	Numerical Analysis of Fluid flow using FLUENT Software	Yes
22	SHAIK ALTHAF	18J41A0350	Numerical Analysis of Fluid flow using FLUENT Software	No
23	SHRIRAM P IYER	18J41A0351	Numerical Analysis of Fluid flow using FLUENT Software	Yes
24	SYED IMRAN	18J41A0352	Numerical Analysis of Fluid flow using FLUENT Software	Yes
25	THAGIREDDY ARAVIND REDDY	18J41A0353	Numerical Analysis of Fluid flow using FLUENT Software	Yes
26	ANGARAPU SATISH	18J41A0365	Numerical Analysis of Fluid flow using FLUENT Software	Yes
27	ANUMULA SAI RATHAN REDDY	18J41A0366	Numerical Analysis of Fluid flow using FLUENT Software	Yes
28	ARRABALANOLLA RAJESH	18J41A0368	Numerical Analysis of Fluid flow using FLUENT Software	Yes
29	B Karthik Deshmukh	18J41A0369	Numerical Analysis of Fluid flow using FLUENT Software	Yes
30	BAWASKAR RUTHIKA PRALHAD	18J41A0370	Numerical Analysis of Fluid flow using FLUENT Software	Yes
31	CHINDULURI VASANTH KRISHNA	18J41A0372	Numerical Analysis of Fluid flow using FLUENT Software	Yes



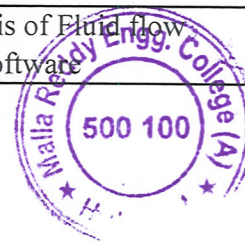
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Kannally, Sec'bad-500

32	D SHIVAM	18J41A0373	Numerical Analysis of Fluid flow using FLUENT Software	Yes
33	DANETI DILEESH UPENDRA KARTEEK	18J41A0374	Numerical Analysis of Fluid flow using FLUENT Software	Yes
34	DARSHANAM KARTHIK	18J41A0375	Numerical Analysis of Fluid flow using FLUENT Software	Yes
35	DESABATHULA MANOJ	18J41A0376	Numerical Analysis of Fluid flow using FLUENT Software	Yes
36	DRAKSHARAM VENKATA SUDHEER KUMAR	18J41A0377	Numerical Analysis of Fluid flow using FLUENT Software	Yes
37	G SAI KARTHIK	18J41A0379	Numerical Analysis of Fluid flow using FLUENT Software	Yes
38	G SAI SHIVA	18J41A0380	Numerical Analysis of Fluid flow using FLUENT Software	Yes
39	JAI PAVAN SUBBA RAJU V	18J41A0381	Numerical Analysis of Fluid flow using FLUENT Software	Yes
40	JALADANKI PRANAY SEKHAR	18J41A0382	Numerical Analysis of Fluid flow using FLUENT Software	Yes
41	JAM VIJAY	18J41A0383	Numerical Analysis of Fluid flow using FLUENT Software	Yes
42	POTHARABOINA VINAY YADAV	18J41A03A9	Numerical Analysis of Fluid flow using FLUENT Software	Yes
43	PRANAY PADAMWAR	18J41A03B0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
44	S PREM CHAND	18J41A03B1	Numerical Analysis of Fluid flow using FLUENT Software	Yes
45	SANYEM REVANTH GOUD	18J41A03B2	Numerical Analysis of Fluid flow using FLUENT Software	Yes
46	SARA KRISHNA GOUD	18J41A03B3	Numerical Analysis of Fluid flow using FLUENT Software	Yes
47	THOGARU SHOURY PHANY	18J41A03B4	Numerical Analysis of Fluid flow using FLUENT Software	No
48	U DIVYASRI BHARGAVI	18J41A03B5	Numerical Analysis of Fluid flow using FLUENT Software	Yes



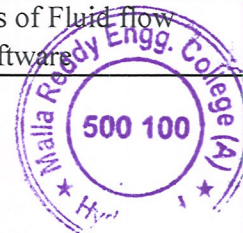
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Hyderabad, Sec'bad-5

49	VEMULA RAHUL	18J41A03B8	Numerical Analysis of Fluid flow using FLUENT Software	Yes
50	VIJAYAGIRI VISHNU	18J41A03B9	Numerical Analysis of Fluid flow using FLUENT Software	No
51	VISHNU V P	18J41A03C0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
52	A RAVI SETTY	18J41A03C1	Numerical Analysis of Fluid flow using FLUENT Software	Yes
53	ADEPU SAI ANVESH	18J41A03C2	Numerical Analysis of Fluid flow using FLUENT Software	Yes
54	ADIGOPPULA SAITEJA	18J41A03C3	Numerical Analysis of Fluid flow using FLUENT Software	Yes
55	AJAY KAPPALA	18J41A03C4	Numerical Analysis of Fluid flow using FLUENT Software	Yes
56	ATHKURI ANIL	18J41A03C5	Numerical Analysis of Fluid flow using FLUENT Software	Yes
57	BADUKOLU ABHILASH	18J41A03C6	Numerical Analysis of Fluid flow using FLUENT Software	Yes
58	BOLLI VENKATESH	18J41A03C7	Numerical Analysis of Fluid flow using FLUENT Software	Yes
59	CHALLA AKSHAY	18J41A03C9	Numerical Analysis of Fluid flow using FLUENT Software	Yes
60	CHEEKATIMAMILLA HARSHITH	18J41A03D0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
61	CHOHAN NARENDAR SINGH	18J41A03D1	Numerical Analysis of Fluid flow using FLUENT Software	Yes
62	DASAMANTHARAO UHITH SAI	18J41A03D2	Numerical Analysis of Fluid flow using FLUENT Software	Yes
63	KONKATI SRINATH	18J41A03E4	Numerical Analysis of Fluid flow using FLUENT Software	Yes
64	KOTHA AJAY REDDY	18J41A03E5	Numerical Analysis of Fluid flow using FLUENT Software	Yes
65	KOTHA SAI NIKHIL	18J41A03E6	Numerical Analysis of Fluid flow using FLUENT Software	Yes



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66	KUCHALLA VAMSHI	18J41A03E7	Numerical Analysis of Fluid flow using FLUENT Software	Yes
67	KULKARNI AKSHAY	18J41A03E8	Numerical Analysis of Fluid flow using FLUENT Software	Yes
68	UPPALAPATI G S M PRAKASH	18J41A03H5	Numerical Analysis of Fluid flow using FLUENT Software	Yes
69	V DEVI VARA PRASAD	18J41A03H6	Numerical Analysis of Fluid flow using FLUENT Software	Yes
70	VADLA RANJEETH KUMAR	18J41A03H7	Numerical Analysis of Fluid flow using FLUENT Software	Yes
71	VANGAPATI VENKATA SIVA	18J41A03H8	Numerical Analysis of Fluid flow using FLUENT Software	Yes
72	VANKA NIKHIL RAO	18J41A03H9	Numerical Analysis of Fluid flow using FLUENT Software	Yes
73	VEMULA PAVAN	18J41A03J0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
74	EMMANDI DIMPLE TARUN	18J41A03K4	Numerical Analysis of Fluid flow using FLUENT Software	Yes
75	ESLAVATH VINAYAK	18J41A03K5	Numerical Analysis of Fluid flow using FLUENT Software	Yes
76	GAJARLA SAIKRISHNA	18J41A03K6	Numerical Analysis of Fluid flow using FLUENT Software	Yes
77	GAKKA ALEKYA	18J41A03K7	Numerical Analysis of Fluid flow using FLUENT Software	No
78	GAYAPU VISHNU VARDHANREDDY	18J41A03K8	Numerical Analysis of Fluid flow using FLUENT Software	Yes
79	GUDLA RHEMA ANGEL	18J41A03L0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
80	GUNDAPUNENI SAIKUMAR	18J41A03L1	Numerical Analysis of Fluid flow using FLUENT Software	No
81	JINNARAM KALYAN KUMAR	18J41A03L2	Numerical Analysis of Fluid flow using FLUENT Software	Yes
82	KADIYALA SAI RAM	18J41A03L4	Numerical Analysis of Fluid flow using FLUENT Software	Yes



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83	KALLEM YASHWANTH REDDY	18J41A03L5	Numerical Analysis of Fluid flow using FLUENT Software	Yes
84	VATTIKULA UMAMAHESH	18J41A03P6	Numerical Analysis of Fluid flow using FLUENT Software	Yes
85	VEMAVARAPU ABHINAV	18J41A03P7	Numerical Analysis of Fluid flow using FLUENT Software	Yes
86	Y NIKHIL	18J41A03P8	Numerical Analysis of Fluid flow using FLUENT Software	Yes
87	YALUGURI SAI SWAROOPA	18J41A03P9	Numerical Analysis of Fluid flow using FLUENT Software	Yes
88	YELIGETI AKHIL	18J41A03Q0	Numerical Analysis of Fluid flow using FLUENT Software	Yes
89	MAHESHWARAM SRIJA	19J45A0320	Numerical Analysis of Fluid flow using FLUENT Software	Yes
90	MATLA ABHINAV	19J45A0321	Numerical Analysis of Fluid flow using FLUENT Software	Yes
91	NADIKATTU SAIBRAHMA REDDY	19J45A0322	Numerical Analysis of Fluid flow using FLUENT Software	Yes
92	NASHETTY ANUSREE	19J45A0323	Numerical Analysis of Fluid flow using FLUENT Software	Yes
93	PANTHULU RAMCHANDAR	19J45A0324	Numerical Analysis of Fluid flow using FLUENT Software	Yes
94	SHEIK SAJJAD AHMED	19J45A0325	Numerical Analysis of Fluid flow using FLUENT Software	Yes

Z. Madhav
HOD



R. Srinivas
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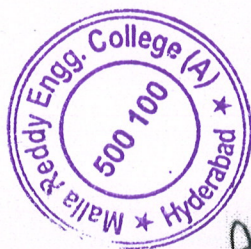
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Certificate

Department of Mechanical Engineering

This is to certify that Mr. Ms. G NINITHA bearing Roll Number 18J41A0316 has successfully completed Value Added Course in Numerical Analysis of Fluid flow using FLUENT Software conducted by the Department of Mechanical Engineering from 17/08/2020 to 25/09/2020.



Coordinator

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Certificate

Department of Mechanical Engineering

This is to certify that Mr. Ms. GODISHALA SANTHOSH bearing Roll Number 18J41A0317 has successfully completed Value Added Course in Numerical Analysis of Fluid flow using FLUENT Software conducted by the Department of Mechanical Engineering from 17/08/2020 to 25/09/2020.



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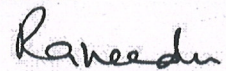
This is to certify that Mr. Ms. GORLA ADARSH YADAV bearing
Roll Number 18J41A0318 has successfully completed Value Added Course
in Numerical Analysis of Fluid flow using FLUENT Software
conducted by the Department of Mechanical Engineering from 17/08/2020
to 25/09/2020.



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Certificate

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This is to certify that Mr. Ms. HANMANAGARI SAINATH REDDY bearing Roll Number 18J41A0319 has successfully completed Value Added Course in Numerical Analysis of Fluid flow using FLUENT Software conducted by the Department of Mechanical Engineering from 17/08/2020 to 25/09/2020.



Coordinator

HOD

Raneedu
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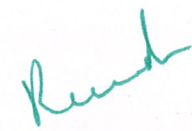
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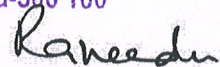
This is to certify that Mr. Ms. JAMPAREDDY VENKATA SAI
KIRAN REDDY bearing Roll Number 18J41A0320 has successfully
completed Value Added Course in Numerical Analysis of Fluid flow
using FLUENT Software conducted by the Department of Mechanical
Engineering from 17/08/2020 to 25/09/2020.


Coordinator




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