

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.

Dakshina Kannada Karnataka, India.



Department of Mechanical Engineering

CERTIFICATION COURSE

On

“ANSYS for FEA”

FOR THE ACADEMIC YEAR

2018-19



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri - 574 225

Phone: 08258-262725 Fax: 08258-262726

DEPARTMENT OF MECHANICAL ENGINEERING

Date:

CIRCULAR

All the students are hereby informed that there is a certification course on about **ANSYS for FEA** which is scheduled from 09.07.2018 to 13.07.2018, which is conducted by Mr. Kiran C H & Mr. Thrivikram P, AIET, Dept of mechanical engineering, moodbidri. Interested students kindly register your names on or before 05.07.2018.


Head of the Department:
Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 28/6/2018

APPROVAL LETTER

To,

The Principal,
AIET, Moodbidri

Respected Sir,

Sub: - Approval for Organizing the Students Certification/Training Program on "Ansys for Finite Element Analysis"-Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a **Five day's** Student Training Program/ hands on workshop on **"Ansys for Finite Element Analysis"** from **09th July 2018** to **"13th July 2018"**.

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.


Coordinator:

Mr. Hemanth S


Head of the Department:

Dept. of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOOBBIDRI - 574 225


Principal:
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOOBBIDRI - 574 225, D.K

Place: AIET, Moodbidri.



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DEPARTMENT OF MECHANICAL ENGINEERING

Ansys for Finite Element Analysis -- ATTENDANCE REPORT-2018-19

SLN	USN	NAME(Caps Only)	09-07		10-07		11-07		12-07		13-07	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1.	4AL14ME062	NIKHIL P	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2.	4AL14ME074	RAJATH RAJ U.K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3.	4AL14ME110	ASWAGHOSH B S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4.	4AL14ME738	VAISHNAV V R	A	✓	✓	✓	✓	✓	✓	✓	A	✓
5.	4AL15ME001	ABHINAV ANILKUMAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6.	4AL15ME003	ABHISHEK R MORE	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
7.	4AL15ME009	AKAHAY BABU G K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8.	4AL15ME012	AKSHAY P	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
9.	4AL15ME019	ASHIK SANTHOSH	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
10.	4AL15ME020	ASHRITH KUMAR J	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
11.	4AL15ME021	ATHULKRISHNAN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
12.	4AL15ME027	CHETANKUMAR	A	✓	✓	✓	✓	A	✓	✓	✓	✓
13.	4AL15ME030	DARSHAN KRISHNA D	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
14.	4AL15ME039	JYOTHI A	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
15.	4AL15ME043	KIRANKUMAR S R	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
16.	4AL15ME077	YASH RAJ SHETTY	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
17.	4AL15ME088	VIDYASHEESH PATEL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18.	4AL15ME098	POOJARY LIKHITH	✓	✓	A	✓	✓	✓	A	✓	✓	✓
19.	4AL15ME099	SHETTY YASH	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
20.	4AL15ME102	SHRAVAN	✓	A	✓	✓	✓	✓	✓	✓	A	✓
21.	4AL15ME730	NIDESH SHETTY	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
22.	4AL15ME721	PAVAN S	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
23.	4AL15ME727	SAURAV MANIKANTAN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓

Coordinator

g.m.s



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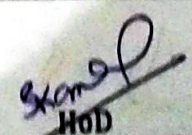
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DEPARTMENT OF MECHANICAL ENGINEERING

24.	4AL15ME733	SUJEETH M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25.	4AL16ME003	ABHISHEK H SHETTY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26.	4AL16ME006	AKHIL MOHAN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27.	4AL16ME007	ANIL KUMAR	✓	A	✓	✓	✓	✓	✓	✓	A	✓	✓
28.	4AL16ME009	BAVINI	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
29.	4AL16ME010	BLESSON XAVIER	A	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
30.	4AL16ME011	CHANDRASHEKAR K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31.	4AL16ME012	CHETHAN N	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
32.	4AL16ME013	CHINMAYA G A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33.	4AL16ME014	CHIRAG POOJARI	✓	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
34.	4AL16ME015	MOOLYA DIVYARAJ R	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
35.	4AL16ME016	GANESH V K	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
36.	4AL16ME017	HARIKRISHNA RAJU	✓	A	✓	✓	✓	✓	✓	A	✓	✓	✓
37.	4AL16ME018	S A HITHESH RAJ	✓	✓	A	✓	A	✓	✓	✓	✓	✓	✓
38.	4AL16ME019	KARTHIK S MENDON	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
39.	4AL16ME020	KEVIN JOSEPH LOBO	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40.	4AL16ME021	KIRAN KUMAR	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
41.	4AL16ME022	KISHORE KUMAR A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
42.	4AL16ME028	MANOJGOWDA K N	✓	✓	✓	A	✓	✓	✓	✓	✓	A	✓
43.	4AL16ME029	MANOJ KUMAR D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
44.	4AL16ME031	MERVIN LAWRENCE D' A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
45.	4AL16ME032	MOHAMMAD FAIZ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
46.	4AL16ME033	MOOSA NIZAMUDDIN	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
47.	4AL16ME035	NAGASUNDAR K S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


Coordinator


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48.	4AL16ME036	NAVEEN A	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
49.	4AL16ME038	NAVEEN H R	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
50.	4AL16ME040	NIKHIL H S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
51.	4AL16ME043	PARTHASARATHY D J	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
52.	4AL16ME044	POOJARI PRASHANT S	A	✓	✓	✓	✓	✓	✓	✓	A	✓
53.	4AL16ME045	POOJARY HITEN UMESH	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
54.	4AL16ME048	PRASHANTH NAIK K	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
55.	4AL16ME049	PUJEETH KULAL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
56.	4AL16ME051	RAJATH RAI	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
57.	4AL16ME052	RAKESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
58.	4AL16ME053	RAKESH A	✓	A	✓	✓	✓	✓	✓	✓	A	✓
59.	4AL16ME054	RAKESH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60.	4AL16ME057	RAKSHITH	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
61.	4AL16ME059	RAKSHITH KOTAIN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
62.	4AL16ME060	RAKSHITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
63.	4AL16ME061	RAVI NIMBONI	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
64.	4AL16ME063	S NIKHILESH	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
65.	4AL16ME064	SACHIN B U	✓	✓	✓	✓	A	✓	✓	✓	✓	A
66.	4AL16ME065	SAGAR M	A	✓	A	✓	✓	✓	✓	✓	A	✓
67.	4AL16ME066	SANJAY S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
68.	4AL16ME067	SANTHOSH G B	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
69.	4AL16ME068	SANTHOSH C	✓	A	✓	✓	✓	✓	✓	✓	✓	A
70.	4AL16ME069	SHAIK MOHAMAD S	✓	✓	✓	✓	✓	✓	✓	✓	A	✓
71.	4AL16ME070	SHETTY ADIT ARVIND	✓	✓	✓	✓	✓	✓	✓	✓	✓	A

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72.	4AL16ME072	SHETTY GAURAV R	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
73.	4AL16ME073	SHETTY MANOJ M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
74.	4AL16ME074	SHETTY PRANAY R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
75.	4AL16ME076	SHETTY ROHITH J	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
76.	4AL16ME077	SHIKHAR V RAJ JAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
77.	4AL16ME078	SHIVAKUMAR KATARAKI	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
78.	4AL16ME080	SOHAN POOJARI S S	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
79.	4AL16ME081	SONAL TOMY	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80.	4AL16ME082	SOUFIA N SHAIKH	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
81.	4AL16ME084	SUDHEERA	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
82.	4AL17ME080	TAJUDDIN H I	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
83.	4AL17ME081	DHAXITH THACHERY	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
84.	4AL17ME083	VEENA V	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
85.	4AL17ME084	VIGNESH K R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
86.	4AL17ME085	VIGNESH PS	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
87.	4AL17ME086	VIKAS SK	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
88.	4AL17ME087	VINEETH.R.SHETTY	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
89.	4AL17ME088	VINODRAJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
90.	4AL17ME089	VIRESH B SIRIMANI	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
91.	4AL17ME090	VISHAL S	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓	✓
92.	4AL17ME092	CHANDRIKA M	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
93.	4AL17ME093	ASHA N B	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	A
94.	4AL17ME700	AMARA N S	✓	✓	✓	A	✓	✓	✓	✓	A	✓	✓	✓
95.	4AL17ME701	ASHISH S SHETTY	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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96.	4AL17ME702	KEERTHINATH B M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
97.	4AL17ME703	PAVAN R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
98.	4AL17ME704	SHANKAR U BHIMARANI	✓	✓	✓	✓	A	✓	✓	✓	✓	✓	✓
99.	4AL17ME705	SHRIDHAR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
100.	4AL17ME706	VARUN S	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
101.	4AL18ME400	ANAND N B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
102.	4AL18ME401	ANIL KUMAR S	✓	✓	✓	✓	✓	A	✓	✓	✓	✓	✓
103.	4AL18ME402	ASHISH PINTO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
104.	4AL18ME403	MALLIKARJUN G	✓	A	✓	✓	✓	✓	✓	✓	✓	✓	✓
105.	4AL18ME404	MARDANALI G NADAF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
106.	4AL18ME405	PAVANKUMAR.S	✓	✓	✓	✓	✓	✓	✓	✓	A	✓	✓
107.	4AL18ME406	SACHIN	✓	✓	✓	✓	✓	✓	✓	A	✓	✓	✓
108.	4AL18ME407	SANGANABASU GUDOOR	✓	✓	A	✓	✓	✓	✓	✓	✓	✓	✓
109.	4AL18ME408	SOUJANYA HM	✓	✓	✓	✓	✓	✓	A	✓	✓	✓	✓
110.	4AL18ME409	SUBRAHMANYA. V. BHAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Coordinator

HoD



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Ansys for Finite Element Analysis course				
SLN	USN	NAME(Caps Only)	Marks scored	
			Max Marks[20]	Qualified
1.	4AL14ME062	NIKHIL P	20	0
2.	4AL14ME074	RAJATH RAJ U.K	20	0
3.	4AL14ME110	ASWAGHOSH B S	20	0
4.	4AL14ME738	VAISHNAV V R	20	0
5.	4AL15ME001	ABHINAV ANILKUMAR	20	0
6.	4AL15ME003	ABHISHEK R MORE	20	0
7.	4AL15ME009	AKAHAY BABU G K	20	0
8.	4AL15ME012	AKSHAY P	20	0
9.	4AL15ME019	ASHIK SANTHOSH	20	0
10.	4AL15ME020	ASHRITH KUMAR J	20	0
11.	4AL15ME021	ATHULKRISHNAN	20	0
12.	4AL15ME027	CHETANKUMAR	20	0
13.	4AL15ME030	DARSHAN KRISHNA D	20	0
14.	4AL15ME039	JYOTHI A	20	0
15.	4AL15ME043	KIRANKUMAR S R	20	0
16.	4AL15ME077	YASH RAJ SHETTY	20	0
17.	4AL15ME088	VIDYASHEESH PATEL	20	0
18.	4AL15ME098	POOJARY LIKHITH	20	0
19.	4AL15ME099	SHETTY YASH	20	0
20.	4AL15ME102	SHRAVAN	20	0
21.	4AL15ME730	NIDESH SHETTY	20	0
22.	4AL15ME721	PAVAN S	20	0
23.	4AL15ME727	SAURAV MANIKANTAN	20	0

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24.	4AL15ME733	SUJEETH M	20	0
25.	4AL16ME003	ABHISHEK H SHETTY	20	0
26.	4AL16ME006	AKHIL MOHAN	20	0
27.	4AL16ME007	ANIL KUMAR	20	0
28.	4AL16ME009	BAVINI	20	0
29.	4AL16ME010	BLESSON XAVIER	20	0
30.	4AL16ME011	CHANDRASHEKAR K	20	0
31.	4AL16ME012	CHETHAN N	20	0
32.	4AL16ME013	CHINMAYA G A	20	0
33.	4AL16ME014	CHIRAG POOJARI	20	0
34.	4AL16ME015	MOOLYA DIVYARAJ R	20	0
35.	4AL16ME016	GANESH V K	20	0
36.	4AL16ME017	HARIKRISHNA RAJU	20	0
37.	4AL16ME018	S A HITHESH RAJ	20	0
38.	4AL16ME019	KARTHIK S MENDON	20	0
39.	4AL16ME020	KEVIN JOSEPH LOBO	20	0
40.	4AL16ME021	KIRAN KUMAR	20	0
41.	4AL16ME022	KISHORE KUMAR A	20	0
42.	4AL16ME028	MANOJGOWDA K N	20	0
43.	4AL16ME029	MANOJ KUMAR D	20	0
44.	4AL16ME031	MERVIN LAWRENCE D' A	20	0
45.	4AL16ME032	MOHAMMAD FAIZ	20	0
46.	4AL16ME033	MOOSA NIZAMUDDIN	20	0
47.	4AL16ME035	NAGASUNDAR K S	20	0
48.	4AL16ME036	NAVEEN A	20	0

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49.	4AL16ME038	NAVEEN H R	20	0
50.	4AL16ME040	NIKHIL H S	20	0
51.	4AL16ME043	PARTHASARATHY D J	20	0
52.	4AL16ME044	POOJARI PRASHANT S	20	0
53.	4AL16ME045	POOJARY HITEN UMESH	20	0
54.	4AL16ME048	PRASHANTH NAIK K	20	0
55.	4AL16ME049	PUJEETH KULAL	20	0
56.	4AL16ME051	RAJATH RAI	20	0
57.	4AL16ME052	RAKESH	20	0
58.	4AL16ME053	RAKESH A	20	0
59.	4AL16ME054	RAKESH R	20	0
60.	4AL16ME057	RAKSHITH	20	0
61.	4AL16ME059	RAKSHITH KOTAIN	20	0
62.	4AL16ME060	RAKSHITH R	20	0
63.	4AL16ME061	RAVI NIMBONI	20	0
64.	4AL16ME063	S NIKHILESH	20	0
65.	4AL16ME064	SACHIN B U	20	0
66.	4AL16ME065	SAGAR M	20	0
67.	4AL16ME066	SANJAY S	20	0
68.	4AL16ME067	SANTHOSH G B	20	0
69.	4AL16ME068	SANTHOSH C	20	0
70.	4AL16ME069	SHAIK MOHAMAD S	20	0
71.	4AL16ME070	SHETTY ADIT ARVIND	20	0
72.	4AL16ME072	SHETTY GAURAV R	20	0
73.	4AL16ME073	SHETTY MANOJ M	20	0

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74.	4AL16ME074	SHETTY PRANAY R	20	0
75.	4AL16ME076	SHETTY ROHITH J	20	0
76.	4AL16ME077	SHIKHAR V RAJ JAIN	20	0
77.	4AL16ME078	SHIVAKUMAR KATARAKI	20	0
78.	4AL16ME080	SOHAN POOJARI S S	20	0
79.	4AL16ME081	SONAL TOMY	20	0
80.	4AL16ME082	SOUFIA N SHAIKH	20	0
81.	4AL16ME084	SUDHEERA	20	0
82.	4AL17ME080	TAJUDDIN H I	20	0
83.	4AL17ME081	DHAXITH THACHERY	20	0
84.	4AL17ME083	VEENA V	20	0
85.	4AL17ME084	VIGNESH K R	20	0
86.	4AL17ME085	VIGNESH PS	20	0
87.	4AL17ME086	VIKAS SK	20	0
88.	4AL17ME087	VINEETH.R.SHETTY	20	0
89.	4AL17ME088	VINODRAJ	20	0
90.	4AL17ME089	VIRESH B SIRIMANI	20	0
91.	4AL17ME090	VISHAL S	20	0
92.	4AL17ME092	CHANDRIKA M	20	0
93.	4AL17ME093	ASHA N B	20	0
94.	4AL17ME700	AMARA N S	20	0
95.	4AL17ME701	ASHISH S SHETTY	20	0
96.	4AL17ME702	KEERTHINATH B M	20	0
97.	4AL17ME703	PAVAN R	20	0
98.	4AL17ME704	SHANKAR U BHIMARANI	20	0

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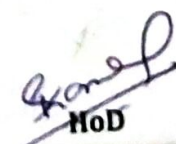
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99.	4AL17ME705	SHRIDHAR	20	0
100.	4AL17ME706	VARUN S	20	0
101.	4AL18ME400	ANAND N B	20	0
102.	4AL18ME401	ANIL KUMAR S	20	0
103.	4AL18ME402	ASHISH PINTO	20	0
104.	4AL18ME403	MALLIKARJUN G	20	0
105.	4AL18ME404	MARDANALI G NADAF	20	0
106.	4AL18ME405	PAVANKUMAR.S	20	0
107.	4AL18ME406	SACHIN	20	0
108.	4AL18ME407	SANGANABASU GUDOOOR	20	0
109.	4AL18ME408	SOUJANYA HM	20	0
110.	4AL18ME409	SUBRAHMANYA. V. BHAT	20	0


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HoD



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DEPARTMENT OF MECHANICAL ENGINEERING

FEEDBACK FORM

Five days Students Training Program
On

"Ansys for Finite Element Analysis"

For the following areas, please indicate your rating from 1 to 5:

1=strongly Disagree 2=Disagree 3=neither agree nor disagree 4=Agree 5=strongly Agree

SN	Topics	1	2	3	4	5
A.	Content					
1	Understood the basics of Ansys					✓
2	Understood the fundamental of FEA					✓
3	Able to apply the mathematical techniques for the problems at the hand.					✓
4	Understood the fundamentals of materials to apply real time problem					✓
5	Able to do practical and real time application				✓	
B	Presentation					
6	Instructor's knowledge				✓	
7	Instructor's presentation style				✓	
8	Instructor covered material clearly					✓
9	Instructor responded well to questions					✓
10	Instructor facilitated interactions among participants well					✓
C. How could this workshop be improved? — NIL —						
D. Any other comments or suggestions? — NIL —						
E. Overall, how would you rate this workshop?						
☐	Poor	☐	Good			
☐	Neither Good Nor Poor	☒	Excellent			



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DEPARTMENT OF MECHANICAL ENGINEERING

Quiz on Ansys for Finite Element Analysis Course

1. Finite element method formulation of the problem results in a system of
 - a. algebraic equations
 - b. logical equations
 - c. Arthimatic equations
 - d. flow equations
2. FEM gives accurate representation of
 - a. real geometry
 - b. complex geometry
 - c. real and complex geometry
 - d. constant geometry
3. Finite element method is also called
 - a. infinite element analysis
 - b. frequency element analysis
 - c. finite element analysis
 - d. partial element analysis
4. Numerical algorithms are based on
 - a. FEM and FDTD
 - b. FEM and IFEM
 - c. TD and FD
 - d. FEM and FD
5. To solve the FEM problem, it subdivides a large problem into smaller, simpler parts that are called
 - a. finite elements
 - b. infinite elements
 - c. dynamic elements
 - d. static elements
6. In finite element analysis, a solid is modelled with infinite degrees of freedom
 - a. True
 - b. False
7. Shape functions are
 - a. Exponential functions
 - b. Dynamic functions
 - c. Interpolating polynomials
 - d. None of the above
8. the stress tensor for plane stress condition is a ----- matrix
 - a. Two by two
 - b. Three by three
 - c. Four by four
 - d. Six by six
9. Each node of a one -dimensional frame element has ----- degress of freedom
 - a)Two ; b) three; C) four; d) None of the above
10. Linear static structural analysis means -----
 - a. Shape functions are linear
 - b. Deflection is a linear function
 - c. There is no deformation
 - d. Stresses are elastic
11. Flexibility matrix approach is used in
 - a. Displacement method
 - b. Stress method
 - c. Force method
 - d. Mixed method
12. Displacement method of FEM for structural analysis gives
 - a. Stiffness matrix
 - b. Flexibility matrix
 - c. Conductance matrix
 - d. Mixed matrix
13. Hybrid methods is best suited for problems with prescribed
 - a. Displacements
 - b. Forces
 - c. Stresses
 - d. Temperature
14. Displacement method is based on minimum
 - a. Potential energy
 - b. Strain energy
 - c. Complementary stain energy



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Quiz on Ansys for Finite Element Analysis Course

- d. Work done
- 15. The solution by FEM is
 - a. Always exact
 - b. Mostly approximate
 - c. Sometimes exact
 - d. Never exact
- 16. Discrete analysis cover
 - a. All 2-D trusses and frames
 - b. All 3D trusses an frames
 - c. All 2D and 3D trusses and frames
 - d. No trusses only frames
- 17. variation principle is the basis for
 - a. Displacement method
 - b. Weighted residual
 - c. Finite difference method
 - d. Finite volume method
- 18. Primary variable in FEM structural analysis is
 - a. Displacement
 - b. Force
 - c. Stress
 - d. Strain
- 19. FEM is a generalization of
 - a. Rayleigh ritz method
 - b. Weighted residual method
 - c. Finite difference method
 - d. Finite volume method
- 20. One possible load in structural analysis is the specified
 - a. Nodal temperature
 - b. Stress in and element
 - c. Heat flow
 - d. Strain in an element



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DEPARTMENT OF MECHANICAL ENGINEERING

Report on Ansys for Finite Element Analysis

The department of ME conducted a Five Days hands on students training program for the students of ME from 09-07-2018 to 13-07-2018 on "Ansys for Finite Element Analysis" at AIET Moodbidri.

Mr. Kiran C H & Mr. Thrivikram P, Department of Mechanical Engineering AIET, Moodbidri delivered a comprehensive and in depth information about the Fundamentals Ansys for Finite Element Analysis, Techniques, Applications. Participants have enthusiastically participated and learnt the application building.

Photo

