



*Certificate Course
on*

ADVANCEMENT IN MANUFACTURING TECHNOLOGY

FROM 23rd October 2017 to 27th October 2017



ORGANIZED BY

DEPARTMENT OF MECHANICAL ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,

(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,

ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, NewDelhi)

Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

AVANTHI EDUCATIONAL SOCIETY

Avanthi Educational Society under the Leadership of Sri M. Srinivasa Rao garu as chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution and with the innovative ideas of our advisory board.

Today, Avanthi Educational Society is proud to have a strength of over 16000 students with 15 institutions under its ambit. It is the path of glory towards the success during the last 19 years. The institution has been adjudged many times as the second best educational institutions in the twin cities and 16th best in all over India through the impartial survey made by the renowned magazine "India Today".

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level. The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipments. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.



It is very near to Narsipatnam. Frequent bus facilities are available both from and to Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is

available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering department was started in the year 2005 with intake strength of 60 seats, this was increased to 120 students in 2012 and this was increased to 180 students in 2013. The department has well qualified and trained faculty members. It has well equipped laboratories and workshops and includes a CAD/CAM laboratory where students are imparted training in advanced production techniques and design and analysis of machine elements.

The department of Mechanical Engineering has been contributing its humble share of the Mechanical Engineering graduates for national needs. Several of the graduates who have passed out of this department are occupying responsible positions in various Engineering Industries like Hindustan Shipyard Limited, Renault Nissan, Varun Motors, Tata Consultancy Services, HP and IBM and holding responsible positions in the premier educational institutes in and outside India.

ABOUT WORKSHOP

Manufacturing of components have become an important part in reference to the product development in industries for the service of mankind. The knowledge of manufacturing processes is highly essential for all engineers & technocrats for familiarizing themselves with modern concepts of manufacturing technologies. The basic need is to provide theoretical & practical knowledge of manufacturing process

CHIEF PATRON

Smt .M.Gnaneswari
President ,
Avanathi Educational Society

PATRON

Dr. C P V N J Mohan Rao
Principal,
Avanathi Institute Of Engineering And Technology

CHAIRMAN

Sri. V. Harikiran
Head of the Department
Mechanical Engineering

to the entire individual associated with the concerned domain of engineering. Therefore, an attempt has been made through the course to present both theoretical and practical knowledge on advance manufacturing techniques which can caters the general needs of the engineers and technocrats associated in the country. The initiative is advances in modelling, simulation, experimental techniques along with optimization techniques all of which are merging in creating the ability to design and manufacturing process more rapid and at lower cost than traditional approach.

TOPICS TO BE COVERED

- Fundamental knowledge of principle and physics involved in advance welding and joining process.
- Thermal and structural finite element modelling of welded structures. Principles and physics involved in additive manufacturing (3D printing) process
- Finite element analysis and modelling of laser based manufacturing process.
- Fundamental knowledge and principles associated with micro forming and micro machining process.
- Different types of unconventional machining process Laser, Abrasive , Water jet and so on
- Hands on session on different (FE software based simulation) on different advanced forming/welding techniques

For Registration, please contact Mr. A.N.S.Surya Prakash, Assistant Professor, Department of Mechanical Engineering.



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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Date: 16/10/2017

We are happy to inform you that, Department of Mechanical Engineering, AIET is organizing six day certificate course on "Advancement in Manufacturing Technology" from 23rd October, 2017 to 27th October, 2017 in Physical mode for all II B. Tech and III B. Tech students. Interested candidates are directed to enrol above course on or before 22/10/2017. For further details contact Course Coordinator Mr. A. N. S. Surya Prakash, Assistant Professor, Mechanical Engineering.

Resource Person Details:

1. Sri Santosh Kumar,
Advanced & Product Planning Section Manager,
Product Planning Department,
NISSAN.
2. Sri CH. Anil Kumar,
Assistant Professor,
Department of Mechanical Engineering,
GITAM College,
Rushikonda, Visakhapatnam.
3. Sri S. Chaitanya,
Assistant Manager,
Wheels India,
Chennai.


V. Harikiran

HOD of Mechanical Engineering Department

Copy to: Principal, AIET

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam - 531113.



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DEPARTMENT OF MECHANICAL ENGINEERING

Advancement in Manufacturing Technology

23rd October 2017 to 27th October 2017

Syllabus of the Workshop:

Chapter-1

- Fundamental knowledge of principle and physics involved in advance welding and joining process.

Chapter-2

- Thermal and structural finite element modelling of welded structures. Principles and physics involved in additive manufacturing (3D printing) process

Chapter-3

- Finite element analysis and modelling of laser-based manufacturing process.

Chapter-4

- Fundamental knowledge and principles associated with micro forming and micro machining process.

Chapter-5

- Different types of unconventional machining process Laser, Abrasive, Water jet and so on

Chapter-6

- Hands on session on different (FE software-based simulation) on different advanced forming/welding techniques

EXPECTED OUTCOMES

- This workshop will provide insight on manufacturing industries in practical work
- It will strengthen participants skills in selection to perform various engineering operations with high precision results.
- Workshop will help to understand in the multidisciplinary areas such as Railways, automobile, rocket science to use which type of manufacturing machines and process has to be used.


COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam - 531113.



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DEPARTMENT OF MECHANICAL ENGINEERING

Advancement in Manufacturing Technology

23rd October 2017 to 27th October 2017

Program Schedule

DAY-1 (23/10/2017)

9.00 AM to 11.00 AM - Introduction & Physics of Welding

11.00 AM to 11.15 AM – Tea Break

11.15 AM to 1.15 PM – Weld ability aspect of titanium alloy using laser heat source

1.15 PM to 2.15 PM – Lunch Break

2.15 PM to 4.15 PM – Mechanical joining & Joining by Forming (Hands-on training)

DAY-2 (24/10/2017)

9.00 AM to 11.00 AM – Numerical & Experimental Thermo-Mechanical Analysis of Plate Forming by Laser Line Heating

11.00 AM to 11.15 AM – Tea Break

11.15 AM to 1.15 PM - Modelling & Monitoring of Laser based manufacturing technology

1.15 PM to 2.15 PM – Lunch Break

2.15 PM to 4.15 PM – Controlled atmosphere laser welding process & development of a suitable heat source model for simulation of laser-based manufacturing process

DAY-3 (25/10/2017)

9.00 AM to 11.00 AM - Micro-forming

11.00 AM to 11.15 AM – Tea Break

11.15 AM to 1.15 PM – Magnetorheological finishing process

1.15 PM to 2.15 PM – Lunch Break

2.15 PM to 4.15 PM – magnetic field assisted finishing of prosthetic implants

DAY-4 (26/10/2017)

9.00 AM to 11.00 AM - Introduction to Wire-Arc Additive manufacturing

11.00 AM to 11.15 AM – Tea Break

11.15 AM to 1.15 PM – Redefining construction with 3D printable building materials

1.15 PM to 2.15 PM – Lunch Break

2.15 PM to 4.15 PM - Problem Discussion & Hands on Session

DAY-5 (27/10/2017)

9.00 AM to 11.00 AM – Genetic Algorithm for Real Parameters: RGA

11.00 AM to 11.15 AM – Tea Break

11.15 AM to 1.15 PM - Diamond Turning (Hands on Training)


1.15 PM to 2.15 PM – Lunch Break

2.15 PM to 4.15 PM - Valediction/Feedback Session


COORDINATOR


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DEPARTMENT OF MECHANICAL ENGINEERING
Advancement in Manufacturing Technology
From 23-10-2017 to 27-10-2017
STUDENTS ATTENDANCE LISTS

S.NO	ROLL NUMBER	NAME OF THE STUDENT	23.10.2017	24.10.2017	25.10.2017	26.10.2017	27.10.2017
1	15811A0301	ADDALA JAGADISH VARMA	✓	✓	✓	✗	✓
2	15811A0302	ADDANKI PAVAN SAI VAMSI KRISHNAMACHARYULU	✓	✓	✓	✓	✓
3	15811A0303	ADI SUDHEERKUMAR	✓	✗	✓	✓	✓
4	15811A0306	AMALAKANTI DURGA MANIKANTHA	✓	✓	✓	✓	✓
5	15811A0308	ANAKAPALLI HARIKRISHNA	✓	✓	✓	✓	✓
6	15811A0310	ANUPOJU RAJESH	✓	✓	✗	✓	✓
7	15811A0312	BADIGANTLA SAI KUMAR	✓	✓	✓	✓	✓
8	15811A0313	BATTI NAVEEN	✓	✓	✓	✓	✓
9	15811A0314	BERA SAI KALYAN	✓	✓	✓	✓	✓
10	15811A0315	BHAVIRISETTI TEJA	✓	✓	✓	✓	✓
11	15811A0316	BHEEMARAJU KASI	✓	✓	✓	✓	✓
12	15811A0317	BOBBARI KIRAN KISHORE	✓	✗	✓	✓	✓
13	15811A0319	BODDETI NANI BABU	✓	✓	✓	✓	✓
14	15811A0320	BOLISSETTY JAYADEEP	✓	✓	✓	✓	✗
15	15811A0321	BOREDDY NARENDRA REDDY	✓	✓	✓	✓	✓
16	15811A0322	BUDDHA ROHITH KRISHNA RAJKUMAR	✗	✓	✓	✓	✓
17	15811A0325	CHINTA EKATMA AKHIL	✓	✓	✓	✓	✓
18	15811A0327	DODDI POLARAJU	✓	✓	✓	✓	✓
19	15811A0328	DODDI RAJA SEKHAR	✓	✓	✓	✗	✓
20	15811A0330	DRAKSHARAPU NARENDRA	✓	✓	✓	✓	✓
21	15811A0331	DULAM VARAHALA KUMAR	✓	✓	✓	✓	✓
22	15811A0333	EDALADA SAINATH	✓	✓	✓	✓	✓
23	15811A0335	ETAMSETTI CHIRANJEEVI	✓	✓	✗	✓	✓
24	15811A0337	GALI SAMUEL CHRISTOPHER	✓	✓	✓	✓	✓
25	15811A0339	GATREDDI HARISH	✓	✓	✓	✓	✓
26	15811A0340	GIDUTURI MOHANA VENKATA SIVA KUMAR	✓	✓	✓	✓	✓
27	15811A0341	GOLLU CHAITANYA KUMAR	✓	✓	✓	✓	✗
28	15811A0342	GONNABATHULA KANNAJI	✓	✓	✓	✓	✓
29	15811A0345	GORLE NANI	✓	✓	✓	✓	✓

30	15811A0346	GORLE SAI KUMAR	✓	✓	✓	✓	✗
31	15811A0347	GUDLA FEROSE KUMAR	✓	✓	✓	✓	✓
32	15811A0348	GURRALA MOHAN	✓	✗	✓	✓	✓
33	15811A0350	JALAPALA SHIVA	✓	✓	✓	✓	✓
34	15811A0352	K YASWANTH KUMAR	✓	✓	✗	✓	✓
35	15811A0353	KADIYALA NAGENDRA KUMAR	✓	✓	✓	✓	✓
36	15811A0354	KAJA CHANDRAMOULI	✗	✓	✓	✓	✓
37	15811A0355	KALIGATLA SAI CHANDU	✓	✓	✓	✓	✓
38	15811A0357	KAMIREDDI SAI KRISHNA RAJU	✓	✓	✓	✗	✓
39	15811A0359	KANDIKUPPA THARUN KUMAR	✓	✓	✓	✓	✓
40	15811A0360	KANITHI AJAY	✓	✓	✓	✓	✓
41	15811A0361	KANNAM NILESH	✓	✗	✓	✓	✓
42	15811A0362	KARANAM RAMOJI	✓	✓	✓	✓	✓
43	15811A0363	KARRI BHASKAR	✓	✓	✓	✓	✗
44	15811A0364	KARRI SRAVAN KUMAR	✓	✓	✓	✓	✓
45	15811A0365	KATROJU RUPESH	✓	✓	✓	✓	✓
46	15811A0366	KATTAMURI SAI VENKATA RAMANA	✓	✓	✗	✓	✓
47	15811A0369	KADIMI SAI SUNITHA	✓	✓	✓	✓	✗
48	15811A0370	REDDY POOJA	✓	✓	✓	✓	✓
49	15811A0371	KOTLA RAMASIVA	✗	✓	✓	✓	✓
50	15811A0373	KOTTE THARUN	✓	✓	✓	✓	✓
51	15811A0374	KUSALAPUDI KASU BABU	✓	✓	✓	✗	✓
52	15811A0376	MALLA POORNA CHANDRASEKHAR	✓	✓	✓	✓	✓
53	15811A0377	MAMIDANNA SANDEEP	✓	✓	✓	✓	✓
54	15811A0378	MANGA VINAY SANTOSH	✓	✓	✓	✓	✓
55	15811A0379	MANJEETI NAVEEN	✓	✓	✓	✓	✗
56	15811A0382	MILARU SUBHASH	✓	✗	✓	✓	✓
57	15811A0383	MOHAMMAD BHASEER	✗	✓	✓	✓	✓
58	15811A0384	MOLUGU SMPREETH	✓	✓	✓	✓	✓
59	15811A0385	MUDDA PAVAN SAI	✓	✓	✓	✓	✓
60	15811A0387	MUKALA KARUN RAVI TEJA	✓	✓	✓	✓	✗
61	15811A0389	NAGUDASARI SASI VADAN	✓	✓	✓	✓	✓
62	15811A0390	NOTLA ANIL KUMAR	✓	✓	✓	✓	✓
63	15811A0391	BODDU NAVEEN	✓	✓	✗	✓	✓
64	15811A0394	PALLAM NARENDRA SAI KUMAR	✓	✓	✓	✓	✓
65	15811A0395	PAPPALA SRINIVASARAO	✓	✓	✓	✓	✓
66	15811A0396	PEDDINTI PREM KUMAR	✓	✓	✓	✗	✓
67	15811A0397	PEELA JAGADEESH	✓	✓	✓	✓	✓
68	15811A0399	PENTA SRIKANTH	✗	✓	✓	✓	✓
69	15811A03A1	PETHAKAMSETTY HEMANTH HARSHA VARDHAN	✓	✗	✓	✓	✓
70	15811A03A2	PILLA VINOD KUMAR	✓	✓	✓	✓	✓
71	15811A03A3	POLA SURESH	✓	✓	✓	✓	✓
72	15811A03A6	POLINA VINAYKUMAR	✓	✓	✓	✓	✗

73	15811A03A7	PRATHIPATI LAXMANA RAO	X	✓	✓	✓	✓
74	15811A03A8	PULAVARTHI MURTHY BABU	✓	✓	✓	✓	✓
75	15811A03B1	RACHAPATHI GOPI	✓	✓	✓	✓	✓
76	15811A03B2	RAJANA DURGAPRASAD	✓	✓	✓	X	✓
77	15811A03B3	RATNALA VIKAS	✓	X	✓	✓	✓
78	15811A03B4	REDDYPALLI DILIP VAMSI	✓	✓	✓	✓	✓
79	15811A03B5	REKAPALLI MADHU	✓	✓	X	✓	✓
80	15811A03B8	SAI JAGANNADHA SAHU	✓	✓	✓	✓	✓
81	15811A03B9	SANAPATHI SAI KUMAR	✓	✓	✓	✓	X
82	15811A03C0	SARAGADAM JAYA KRISHNA	✓	✓	✓	✓	✓
83	15811A03C2	SENAPATHI VENKATESH	✓	X	✓	✓	✓
84	15811A03C3	SIDDA VARAPRASAD RAO	✓	✓	✓	✓	✓
85	15811A03C5	SURISSETTI PRAMOD KUMAR	✓	✓	✓	X	✓
86	15811A03C6	SURISSETTI SUDHEER KUMAR	✓	✓	✓	✓	✓
87	15811A03C7	SURLA MURALI	X	✓	✓	✓	✓
88	15811A03C9	TERAPALLI MURALI KRISHNA	✓	✓	✓	✓	✓
89	15811A03D0	NAKKA VIJAYA SAI SHANKAR NAIDU	✓	✓	✓	X	✓
90	15811A03D1	THATTA ARAVIND KUMAR	✓	✓	✓	✓	✓
91	15811A03D3	UGGINA PRADEEP KUMAR	✓	✓	✓	✓	✓
92	15811A03D4	VARRE APPALA SATYA DURGAPRASAD	✓	✓	✓	✓	✓
93	15811A03D5	VARRI CHARAN KUMAR	X	✓	✓	✓	✓
94	15811A03D6	VASA SAI KUMAR	✓	✓	✓	✓	✓
95	15811A03D7	VEGI RAMU	✓	✓	X	✓	✓
96	15811A03D9	VENTURI RAM PRASAD	✓	✓	✓	✓	✓
97	15811A03E0	VIYYAPU ASHOK SAI	✓	✓	✓	✓	✓
98	15811A03E1	YELLAPU YESWANTH	✓	✓	✓	✓	X
99	16815A0301	PEDIREDLA HEMA NEERAJA	✓	X	✓	✓	✓
100	16815A0302	ATTUMURI VARAPRASAD	✓	✓	X	✓	✓
101	16815A0303	BANTUPALLI SRI HARSHA	✓	✓	✓	✓	✓
102	16815A0305	BYLAPUDI SEKHAR	X	✓	✓	✓	✓
103	16815A0306	CHINTALA ASHOK KUMAR	✓	✓	✓	✓	X
104	16815A0307	CHINTHALA POTHURAJU	✓	✓	✓	✓	✓
105	16815A0308	EEGALA VENKATESH	✓	✓	✓	✓	✓
106	16815A0309	GARIKINA SOMESWARA RAO	✓	✓	✓	✓	✓
107	16815A0310	GIDUTHURI GIREESUBABU	X	✓	✓	✓	✓
108	16815A0312	GOLLU SWAMY	✓	✓	✓	✓	✓
109	16815A0313	JOMMALA MAHESH	✓	✓	✓	✓	X
110	16815A0314	KALLEMPUDI KISHORE	✓	✓	✓	✓	✓
111	16815A0316	KARANAM CHANDRA MOULI	✓	X	✓	✓	✓
112	16815A0317	KARANAM RAVI TEJA	✓	✓	X	✓	✓
113	16815A0319	KONATHALA CHAITANYA	✓	✓	✓	✓	X
114	16815A0320	KORADA UDAY KUMAR	✓	✓	✓	✓	✓
115	16815A0321	KORUPROLU YESU RAJU	✓	✓	✓	✓	✓
116	16815A0322	KOSETTY DURGA PRASAD	X	✓	✓	✓	✓
117	16815A0323	KOSIREDDI GANGADHAR	✓	✓	✓	X	✓

73	15811A03A7	PRATHIPATI LAXMANA RAO	✗	✓	✓	✓	✓
74	15811A03A8	PULAVARTHI MURTHY BABU	✓	✓	✓	✓	✓
75	15811A03B1	RACHAPATHI GOPI	✓	✓	✓	✓	✓
76	15811A03B2	RAJANA DURGAPRASAD	✓	✓	✓	✗	✓
77	15811A03B3	RATNALA VIKAS	✓	✗	✓	✓	✓
78	15811A03B4	REDDYPALLI DILIP VAMSI	✓	✓	✓	✓	✓
79	15811A03B5	REKAPALLI MADHU	✓	✓	✗	✓	✓
80	15811A03B8	SAI JAGANNADHA SAHU	✓	✓	✓	✓	✓
81	15811A03B9	SANAPATHI SAI KUMAR	✓	✓	✓	✓	✗
82	15811A03C0	SARAGADAM JAYA KRISHNA	✓	✓	✓	✓	✓
83	15811A03C2	SENAPATHI VENKATESH	✓	✗	✓	✓	✓
84	15811A03C3	SIDDA VARAPRASAD RAO	✓	✓	✓	✓	✓
85	15811A03C5	SURISETTI PRAMOD KUMAR	✓	✓	✓	✗	✓
86	15811A03C6	SURISETTI SUDHEER KUMAR	✓	✓	✓	✓	✓
87	15811A03C7	SURLA MURALI	✗	✓	✓	✓	✓
88	15811A03C9	TERAPALLI MURALI KRISHNA	✓	✓	✓	✓	✓
89	15811A03D0	NAKKA VIJAYA SAI SHANKAR NAIDU	✓	✓	✓	✗	✓
90	15811A03D1	THATTA ARAVIND KUMAR	✓	✓	✓	✓	✓
91	15811A03D3	UGGINA PRADEEP KUMAR	✓	✓	✓	✓	✓
92	15811A03D4	VARRE APPALA SATYA DURGAPRASAD	✓	✓	✓	✓	✓
93	15811A03D5	VARRI CHARAN KUMAR	✗	✓	✓	✓	✓
94	15811A03D6	VASA SAI KUMAR	✓	✓	✓	✓	✓
95	15811A03D7	VEGI RAMU	✓	✓	✗	✓	✓
96	15811A03D9	VENTURI RAM PRASAD	✓	✓	✓	✓	✓
97	15811A03E0	VIYYAPU ASHOK SAI	✓	✓	✓	✓	✓
98	15811A03E1	YELLAPU YESWANTH	✓	✓	✓	✓	✗
99	16815A0301	PEDIREDLA HEMA NEERAJA	✓	✗	✓	✓	✓
100	16815A0302	ATTUMURI VARAPRASAD	✓	✓	✗	✓	✓
101	16815A0303	BANTUPALLI SRI HARSHA	✓	✓	✓	✓	✓
102	16815A0305	BYLAPUDI SEKHAR	✗	✓	✓	✓	✓
103	16815A0306	CHINTALA ASHOK KUMAR	✓	✓	✓	✓	✗
104	16815A0307	CHINTHALA POTHURAJU	✓	✓	✓	✓	✓
105	16815A0308	EEGALA VENKATESH	✓	✓	✓	✓	✓
106	16815A0309	GARIKINA SOMESWARA RAO	✓	✓	✓	✓	✓
107	16815A0310	GIDUTHURI GIREESUBABU	✗	✓	✓	✓	✓
108	16815A0312	GOLLU SWAMY	✓	✓	✓	✓	✓
109	16815A0313	JOMMALA MAHESH	✓	✓	✓	✓	✗
110	16815A0314	KALLEMPUDI KISHORE	✓	✓	✓	✓	✓
111	16815A0316	KARANAM CHANDRA MOULI	✓	✗	✓	✓	✓
112	16815A0317	KARANAM RAVI TEJA	✓	✓	✗	✓	✓
113	16815A0319	KONATHALA CHAITANYA	✓	✓	✓	✓	✗
114	16815A0320	KORADA UDAY KUMAR	✓	✓	✓	✓	✓
115	16815A0321	KORUPROLU YESU RAJU	✓	✓	✓	✓	✓
116	16815A0322	KOSETTY DURGA PRASAD	✗	✓	✓	✓	✓
117	16815A0323	KOSIREDDI GANGADHAR	✓	✓	✓	✗	✓

118	16815A0324	KURMAPU KRISHNA RAO	✓	✓	✓	✓	✓
119	16815A0325	MALLA DHANAJI VASU	✓	✓	✓	✓	✓
120	16815A0327	MUMMIDISETTI SOMANATH GUPTA	✓	✓	✓	✓	✓
121	16815A0329	NANDAVARAPU MURALI	✓	✓	✓	✗	✓
122	16815A0331	PALLAPU SAI RUSHENDRA CHAKRAVARTHY	✓	✓	✓	✓	✓
123	16815A0332	PITANA PRUDHVI RAJ		✗			
124	16815A0333	PRASADI VENKATA DURGA VARA PRASAD	✓	✓	✓	✓	✓
125	16815A0334	PUDI JAGADEESH	✓	✓	✗	✓	✓
126	16815A0335	SAMPATH RAVINDRA VARMA BODDU	✓	✓	✓	✓	✓
127	16815A0336	SANAPATI THARAKESWARARAO	✓	✓	✓	✓	✗
128	16815A0337	SARAGADAM DAMODAR RAO	✓	✓	✓	✓	✓
129	16815A0338	SIYADRI DARAMAHESH	✓	✗	✓	✓	✓
130	16815A0339	TAMARANA KUMAR	✓	✓	✓	✓	✓
131	16815A0340	YELLAPU NAGENDRA BABU	✓	✓	✓	✗	✗
132	16815A0341	KOLLI DURGA ADI NARAYANA	✓	✓	✓	✓	✓
133	16811A0301	AKOJU DURGA PRASAD	✓	✓	✗	✓	✓
134	16811A0302	AKULA KIRAN	✓	✓	✓	✓	✗
135	16811A0304	ALLU LAKSHMI VENKATA PRASAD	✓	✓	✓	✓	✓
136	16811A0305	ANGULARI VENKAT SUDHEER	✓	✓	✓	✓	✓
137	16811A0306	ANNEPU RAMMOHANA RAO	✗	✓	✓	✓	✓
138	16811A0308	BOBBILI PURUSHOTHAM KUMAR	✓	✓	✓	✓	✓
139	16811A0309	BODDU TARUN	✓	✓	✓	✓	✗
140	16811A0310	BOGUDU ANUMANTH SIVA SAI KISHORE	✓	✓	✓	✓	✓
141	16811A0311	BOLEM KANAKA VARAPRASAD	✓	✓	✓	✗	✓
142	16811A0314	CHINTAKAYALA MANIKANTA SWAMY	✓	✓	✓	✓	✗
143	16811A0315	DADLA KRISHNA RAO	✓	✗	✓	✓	✓
144	16811A0316	DASARI MANIKANTA RAJULU	✓	✓	✓	✓	✓
145	16811A0317	DOLA DILEEP KUMAR	✓	✓	✗	✓	✓
146	16811A0319	EERLA GANESH	✓	✓	✓	✓	✓
147	16811A0320	EYYAPU TRILOK SAI	✓	✓	✓	✓	✓
148	16811A0321	GADE SAI KUMAR	✓	✓	✓	✓	✓
149	16811A0322	GALLA YESWANTH NAGA KUMAR	✗	✓	✓	✓	✓
150	16811A0323	GANTA JOHN	✓	✓	✓	✗	✓
151	16811A0325	GAVIREDDI DATTASAI	✓	✓	✓	✓	✓
152	16811A0326	GAVVA SAI GANGADHAR	✓	✗	✓	✓	✓
153	16811A0327	GEDDAM RAMESH	✓	✓	✓	✓	✓
154	16811A0328	GORLI SAI KUMAR	✓	✓	✓	✓	✓
155	16811A0329	JANAPALA SATYA GANESH	✓	✓	✓	✓	✓

156	16811A0330	JEERU AYYAPPA	x	✓	✓	✓	✓
157	16811A0332	KANCHI SHANMUKHA TEJA	✓	✓	✓	✓	✓
158	16811A0333	KARANAM SATHISH	✓	x	✓	✓	✓
159	16811A0334	KOILADA MANIKUMAR	✓	✓	✓	✓	✓
160	16811A0335	KORUPOLU HARI KIRAN	✓	✓	✓	✓	x
161	16811A0336	KOSURU CHANDRA SEKHAR	✓	✓	✓	✓	✓
162	16811A0337	KOYYA RAVI TEJA	✓	✓	x	✓	✓
163	16811A0338	KUPPA VENKATESH	✓	✓	✓	✓	✓
164	16811A0339	LINGAM JOSHI SAI JASWANTH	✓	✓	✓	✓	✓
165	16811A0340	MALLA CHANDU	x	✓	✓	✓	✓
166	16811A0341	MALLA KUMAR	✓	✓	✓	✓	✓
167	16811A0343	MATTE VARA PRASAD	✓	✓	✓	x	✓
168	16811A0344	MEESALA SHYAM PRASAD	✓	✓	✓	✓	✓
169	16811A0345	MOHAMMED SHABZAN	✓	✓	✓	✓	x
170	16811A0346	MOPADA LIKHIL NAGA KRISHNA BABU	✓	✓	✓	✓	✓
171	16811A0347	MUPPIDI GIRI SAI VENKATA DURGA PRASAD	✓	✓	✓	✓	✓
172	16811A0348	NAGIREDDY LEELA SATYA PRASANNA	✓	x	✓	✓	✓
173	16811A0349	NAGULAPALLE SAI KUMAR	✓	✓	✓	✓	✓
174	16811A0351	NALLABELLI RAMA SEKHAR	✓	✓	✓	x	✓
175	16811A0352	NALLALA CHARAN	✓	✓	✓	✓	✓
176	16811A0353	NAMMINA SOMESH	✓	✓	x	✓	✓
177	16811A0354	NEERUKONDA PRABHU DEVA	✓	✓	✓	✓	✓
178	16811A0355	NETHINTI THARUN KUMAR	x	✓	✓	✓	✓
179	16811A0356	PACHIKORA AYYAPPA	✓	✓	✓	✓	✓
180	16811A0357	PAILA PAVAN KUMAR	✓	✓	✓	✓	✓
181	16811A0358	PAKKURTHI BALAJI	✓	✓	✓	x	✓
182	16811A0359	PALLA GANESH	✓	✓	✓	✓	✓
183	16811A0360	PALLA VENKATESH	✓	✓	✓	✓	x
184	16811A0361	PANDRANKI TEJESWARA RAO	✓	✓	✓	✓	✓
185	16811A0363	PEELA ARUN KUMAR	✓	x	✓	✓	✓
186	16811A0364	PENTAKOTA PHANI KUMAR	✓	✓	✓	✓	✓
187	16811A0365	PERLA HEMANTH KUMAR	✓	✓	✓	✓	✓
188	16811A0366	PETLA PAVAN KUMAR	✓	✓	✓	✓	✓
189	16811A0367	POLIREDDI VISHNU VARAHALA NAIDU	✓	✓	✓	✓	✓
190	16811A0369	POTTI PRATAP	✓	✓	✓	✓	✓
191	16811A0370	POTTI SOMESWARA RAO	x	✓	✓	✓	✓
192	16811A0371	RAPETI AVINASH	✓	✓	✓	✓	✓
193	16811A0372	RAVADA RAJARAO	✓	x	✓	x	x
194	16811A0373	RITHVIK RANJAN	✓	✓	✓	✓	✓
195	16811A0374	RUNKU RAMBABU	✓	✓	x	✓	✓
196	16811A0375	SARAGADAM GANESH	✓	✓	✓	✓	✓
197	16811A0376	SENAPATHI HEMANTH KUMAR	✓	✓	✓	✓	✓
198	16811A0377	SHAIK MANSOOR	✓	✓	✓	✓	✓
199	16811A0378	SOORA SAI PAVAN	x	✓	✓	✓	✓
200	16811A0379	SOWBANDI MOHAN SATYA SAI	✓	✓	✓	✓	✓
201	16811A0380	SURISETTI VIJAYA SIVA	✓	✓	x	✓	x

202	16811A0381	TALARI MAHESH	✗	✓	✓	✓	✓
203	16811A0382	TAMARANA RAVITEJA	✓	✓	✓	✓	✓
204	16811A0383	THATIKONDA NAGA SAI KIRAN	✓	✓	✓	✗	✓
205	16811A0384	THOKADA SRINU VASU	✓	✓	✗	✓	✓
206	16811A0385	UDATHA GUNA SUBRAMANYAM	✓	✓	✓	✓	✓
207	16811A0386	VAKADA NAGA RAJU	✓	✓	✓	✓	✓
208	16811A0387	VANGAPANDU JAGAN SAI	✓	✓	✗	✓	✓
209	16811A0388	VEGI HAREESH	✓	✓	✓	✓	✓
210	16811A0389	venu SAI KRISHNA	✓	✓	✓	✓	✓
211	16811A0390	VINDULA KALYAN KUMAR	✓	✓	✓	✓	✓
212	16811A0391	VOLLU HANISH	✓	✓	✓	✓	✓
213	16811A0392	VYBOINA ASHOK KUMAR	✓	✗	✓	✓	✗
214	16811A0393	YALAMANCHILI VENKATA PRUDHVI	✓	✓	✓	✓	✓
215	16811A0394	YARRAMSETTI HEMANTH SAI PRASAD	✗	✓	✓	✓	✓
216	16811A0395	YEDURU HARISH	✓	✓	✗	✓	✓
217	16811A0396	YELLAPU VIJAY KUMAR	✓	✓	✓	✓	✓
218	16811A0397	INDALA PRASAD	✓	✓	✓	✓	✓
219	16811A0398	JALLI VENKATESH	✓	✗	✓	✓	✗
220	17815A0301	ALLA MEGHANA SANTHI	✓	✓	✓	✓	✓
221	17815A0302	ANGA RAJESH	✓	✓	✓	✓	✓
222	17815A0304	ARJILLI RAJASEKHAR	✗	✓	✓	✗	✓
223	17815A0305	BALLA RAHUL	✓	✓	✓	✓	✓
224	17815A0306	BONDALA HARISH KUMAR	✓	✓	✓	✓	✓
225	17815A0307	CH BHAVANI	✓	✓	✓	✓	✓
226	17815A0308	CH YESWANTH DURGA CHELLA RAO	✓	✓	✓	✓	✗
227	17815A0310	CHINTAKAYALA VENKATA VARAHA SATYA PRAKASH	✓	✗	✓	✓	✓
228	17815A0311	DAKARAPU DURGA PRASAD	✓	✓	✓	✗	✓
229	17815A0312	DANIMIREDDI ASHOK	✓	✓	✓	✓	✓
230	17815A0314	DUPPATLA VINAY	✗	✓	✓	✓	✓
231	17815A0315	GORLI PAWAN KUMAR	✓	✓	✓	✓	✓
232	17815A0317	JAYACHANDRA NAVEEN KUMAR	✓	✓	✓	✗	✓
233	17815A0318	KADIYAM PRAVEEN KUMAR	✓	✓	✓	✓	✓
234	17815A0320	KAMBAM BHASKAR REDDY	✗	✓	✓	✓	✓
235	17815A0321	KANDRAKOTA KRANTHI KUMAR	✓	✓	✓	✓	✓
236	17815A0322	KANDREGULA SURESH	✓	✗	✓	✓	✓
237	17815A0323	KANDREGULA THANUJ	✓	✓	✓	✓	✓
238	17815A0324	KANNAM SATYA VENKATA SAI	✓	✓	✓	✗	✓
239	17815A0326	KARRI VENKATESH	✓	✓	✓	✓	✓
240	17815A0327	KINTADA VENKATESH	✗	✓	✓	✓	✓

241	17815A0328	KONA HARI VAMSI RAM	✗	✓	✓	✓	✓
242	17815A0329	KONDA MANIKANTA	✓	✓	✓	✓	
243	17815A0330	KRISHNA BANDI	✓	✓	✓	✓	✗
244	17815A0332	MAJJI HEMA SATYA SAI	✓	✓	✓	✓	✓
245	17815A0333	MALLA JAYA PRADEEP CHANDRA	✓	✓	✓	✗	✓
246	17815A0334	MAMIDI SHYAM	✓	✓	✓	✓	✓
247	17815A0335	MANGALAGIRI SHANMUKA SURYA SAI	✓	✓	✓	✓	✓
248	17815A0336	MARISSETTI ARIVINDA MOULI	✓	✗	✓	✓	✓
249	17815A0338	MYLAVARAPU SUMANTH	✓	✓	✓	✓	✓
250	17815A0339	NAKKA APPALARAJU	✓	✓	✓	✓	✓
251	17815A0340	NAKKA HARI KRISHNA	✓	✓	✓	✓	✓
252	17815A0341	NELLURI SAI	✗	✓	✓	✓	✗
253	17815A0342	PAILA JEEVAN KUMAR	✓	✓	✓	✓	✓
254	17815A0343	PALIPINI GANESH	✓	✓	✓	✓	✓
255	17815A0345	PAPPU BALA GANAPATHY	✓	✓	✓	✓	✓
256	17815A0346	PEDAPATI NAVEEN	✓	✓	✗	✓	✓
257	17815A0347	PEDAPATI VENKATACHARI	✓	✓	✓	✓	✓
258	17815A0348	PITTA KOTESWARA RAO	✓	✓	✓	✓	✓
259	17815A0349	POLARAPU RAJU	✓	✓	✓	✓	✓
260	17815A0351	RAYI MANI KANTA	✓	✓	✓	✓	✓
261	17815A0352	REDDI APPALANAIDU	✓	✓	✗	✓	✓
262	17815A0353	REDDI GOPAL	✗	✓	✓	✓	✓
263	17815A0354	REDDY GOVINDARAO	✓	✓	✓	✓	✓
264	17815A0355	S KARTHIK KUMAR	✓	✓	✓	✓	✓
265	17815A0357	SAMBARU BHARGAVRAM	✓	✓	✓	✓	✗
266	17815A0358	SARAGADAM JAYA KRISHNA MURTHY	✓	✓	✓	✓	✓
267	17815A0359	SARAGADAM SATHEESH	✓	✓	✓	✓	✓
268	17815A0360	SEERAM RAM KUMAR	✓	✓	✓	✓	✗
269	17815A0361	SUDIKONDA MANIKANTA	✓	✓	✓	✓	✓
270	17815A0363	THUTTA DURGA PRASAD	✗	✓	✓	✓	✓
271	17815A0364	VANTAKULA SIVA KUMAR	✓	✓	✓	✓	✓
272	17815A0365	VJAYAKUMAR BEHARA	✓	✓	✓	✓	✓
273	17815A0367	ADARI DURGA PRASANTH	✓	✓	✓	✓	✓
274	17815A0368	SONTENA BRAHMAJI	✓	✗	✓	✓	✓


COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam - 531113.



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Permanently Affiliated to JNT University Kakinada,
ACCREDITED BY NAAC and Recognized under 2(f) & 12 (b) by UGC, New Delhi)
Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Mrs _____ of _____
_____ has participated in the Certificate Course entitled
on “**Advancement in Manufacturing Technology**” during from 23rd October 2017 to 27th
October 2017 in Department of Mechanical Engineering.

Coordinator

HOD

Principal



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

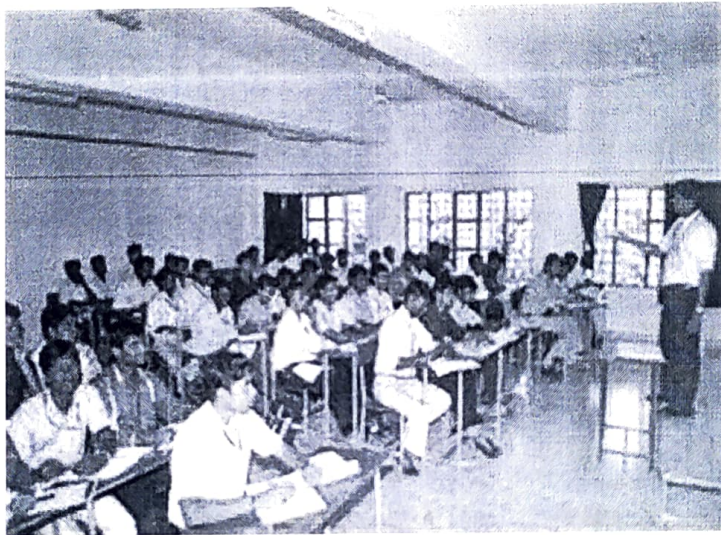
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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

DEPARTMENT OF MECHANICAL ENGINEERING

A 5-Day Workshop on

Advancements in Manufacturing Technology

Dated on - 23rd October 2017 to 27th October 2017




COORDINATOR


HOD

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam-531113.



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Tamaram, Makavarapalem, Narsipatnam (RD), Visakhapatnam-531113

Department of Mechanical Engineering

Dt: 29/10/2017

BRIEF REPORT

Department of Mechanical Engineering, Avanthi Institute of Engineering and Technology had organized a certificate course on “ADVANCEMENT IN MANUFACTURING TECHNOLOGY” from 23rd Oct 2017 to 27th Oct 2017

We had Mr. Santosh Kumar, Advanced & Product Planning Section Manager from NISSAN as the speaker gave a proper definition and explained the need for manufacturing process provide theoretical & practical knowledge, he extensively explained the plus points of this technology. One of the major advantage is easier, faster and more effective communication.

We had CH. Anil Kumar, Assistant Professor, Mechanical Engineering Department from LENDI College, He explained about Thermal & Structural finite element modelling of welded structure principles and additive manufacturing process. He gave the limitations Often large costs involved with using the latest technology (especially for small businesses) increased risk of job cut, They are generally used for Nano Technology, 3D printing.

We had S. Chaitanya, Assistant Manager from Wheels India, He discussed some of the topics during the course, the different types of Unconventional machining process Laser, Abrasive jet, Water jet. The Process of Advanced Forming/Welding Techniques also explained. He concluded the course with feature of utilised by mechanical engineer in industries.


Coordinator


Head of the Department

Head of the Department
Department of Mechanical Engg.
Avanthi Institute of Engg. & Tech.,
Makavarapalem, Visakhapatnam - 531113.