



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE:12-11-2019

This is to bring to your kind notice that the department of ECE is organizing a certificate course on **Recent trends in RF Antenna Design**. The course will be held from 26-11-2019 to 30-11-2019 under the supervision of the department of ECE, the courses aim at developing responsible and quality leaders for the nation.



HoD



Principal

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VIJAYAWADA-520 008



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

Date: 20-11-2019

The meeting was conducted in the department of E.C.E.. The agenda of the meeting was to discuss about the "Certificate course" and student active participation. Resolved to conduct the following course: Recent trends in RF Antenna Design

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	M.RAMA KRISHNA	Asso. Prof	
2	S.MALLIKARJUNA RAO	Assoc. Prof	
3	Dr.K.PRASANTHI JASMINE	Professor	
4	B.SANTHI KIRAN	Asso. Prof	
5	P.BOSE BABU	Asst. Prof	
6	Dr.T.LAKSHMI NARAYANA	Assoc. prof.	
7	G.ROOPA KRISHNA CHANDRA	Asst. Prof	
8	G.RAVI	Asst. Professor	
9	P.KOTESWARA RAO	Asst. Professor	
10	Y.PAVAN KUMAR	Asst. Prof	
11	N.BUJJI BABU	Asst. prof	
12	G.VIJAYA KUMAR	Assistant professor	
13	K.APPALA RAJU	Asst. Professor	
14	K.SRINIVASA RAO	Asst. Professor	
15	M.RAMA KRISHNA	Asst. Professor	
16	CH.PRANOB KUMAR	Asst. Prof	
17	A.ABDUL AZEEM	Asst. professor	
18	MOHAMMAD BAIG	Asst. Prof	

SIGNATURE OF THE HEAD OF THE DEPARTMENT

Head of the Department
Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520

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VIJAYAWADA-520 008



SYLLABUS

Title of the Certification: Recent Trends in RF Antenna Design

Year: III

Faculty Name: N.Bujji Babu

Academic Year: 2019-2020

26/11/2019

- Basics of Antenna design parameter considerations for Antenna design
- Role of simulation in RF & Microwave
- Introduction to HFSS Tool

27/11/2019

- Introduction to Dipole Antenna and Arrays
- Hands on session on Dipole Antenna Design
- Hands on session on Dipole Antenna Array Design

28/11/2019

- Introduction to Micro-strip Patch Antenna
- Design and Modeling of Rectangular Micro-strip Antenna
- Micro-strip patch antenna design with different feeding techniques
 - i) Strip Line Fed Patch Antenna design
 - ii) Co-axial Fed Patch Antenna design
 - iii) CPW Fed Patch Antenna design

29/11/2019

- Horn Antenna Design
- UWB Antenna Design
- Introduction to Waveguides and their types

30/11/2019

- Design of Rectangular and Circular Waveguide
- Design of E-Plane, H-Plane and Magic Tee Junction using HFSS

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VIJAYAWADA-520 008

**Department: ECE****Academic Year: 2019-2020****Name of the Program : RECENT TRENDS IN RF ANTENNA DESIGN****List of Students Enrolled / Completed: 133**

SNO	STUDENT NAME
1	Md Afreen banu
2	K.Aishwarya naidu
3	P.Amala Gauthami
4	S.Anvitha
5	Gundam Bhavani
6	M.Deepika
7	N.Dhana lakshmi
8	K.Dhana Sri Divya
9	B.Durga Bhavani
10	K.Harshitha Prasanthi
11	V.Hema Latha
12	T.Hema Priya
13	N.Jyothirmai
14	S.Jyothsna
15	G.Koti Naga Pavani
16	G.Madhavi
17	M.Navyasree
18	K.Prasanna
19	D.Priyanka
20	Sk Rizwana
21	A Sai Divya


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22	T Sai Padmaja
23	Sk S Manju
24	T Siri Chandana
25	P Sri Harika
26	N Sri Nitya
27	Sk.Thasein
28	BVPSS Sreeharika
29	T Veena Madhuri
30	MVN Lakshmi
31	T Vennela Srujana
32	B Vijaya Durga
33	K Arun Kumar
34	P Bharath Kumar
35	B Chandra Babu
36	K Hari sai Lokesh
37	Ch Mohan Sundar
38	K Naga vardhan reddy
39	S Naga Venkat
40	B N V S Chandra sekhar
41	K Rahul
42	G Ramesh
43	K Ramu
44	Sai Guntur
45	B Siva Kiran
46	T Surya Teja


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47	R Thanmai Kumar
48	A V S Y N Sarma
49	Ch V V Durga Prasad
50	B V Ravi Kumar
51	V V Naga Yeswanth
52	M Vikas
53	D Vinay Kumar
54	G Bhuvana Bindu
55	A Chandana
56	Dilshad Begum
57	V Divya Sree
58	K Lavanya
59	Sk Nargees
60	A ramya Sree
61	B Jayadeep
62	K Pavan Kumar
63	M Sai Nikhil
64	K Venkatesh
65	J Vijay Kumar
66	M.Anu
67	D.Apeksha
68	Sk.Asma
69	K.Bhavagnya
70	P.Deepika
71	K.Divya


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72	V.Divya
73	M.D.Maanvitha
74	S.Fathima
75	T.Greeshma
76	G.Harshini
77	K.Hema Latha
78	P.Jyothsna
79	VKRS Ahalya
80	T.Kumari
81	G.L.Sravanthi
82	B.Manasa
83	M.Manasa
84	B.Mounika
85	P.Mounika
86	K.Munni
87	Sk.Muskan
88	P.Tejasri
89	D.Nanditha
90	G.Pavani
91	D.Prathyusha
92	A.Ramya
93	J.Sowmya
94	K.Sravanthi
95	K.Sravanthi
96	P.Sushma


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97	B.Vishnu Priya
98	O.Akhil
99	K.Akhil
100	A.Akhil
101	Ch.Arun Kumar
102	R.Charan Sai
103	K.Ganesh
104	P.Pavan Kumar
105	M.Madhusudhan Reddy
106	I Naga Brahmam
107	J.Naga Sankar
108	K.Neeraj
109	E.Pavan Kumar
110	A.Pavan Sai
111	G.Pavan Kumar
112	P.Praveen
113	K.Sanjeev
114	K.Satwik
115	PSS Vasanth
116	E.Srinu
117	Y.Tarun
118	TVGS Teja
119	KVSB Kumar
120	K. Venakataswamy
121	D.Vijaya Syam


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122	Mulla Abdul Shahina
123	A. Beersheba
124	V. Bhargavi
125	G. Mounika
126	D. Prasanna
127	T. Pushpalatha
128	V. Satyavathi
129	B. Bhanu Prakash
130	K. Pavan Kumar
131	K. Phani
132	A. Prudhvi
133	G. Siva

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'RECENT TRENDS IN RF ANTENNA DESIGN' was conducted for 3rd year ECE students from **26-11-2019 To 30-11-2019**. The program aimed at imparting the basics of Various RF Antennas and waveguide components and to develop in HFSS.


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27	Sk. Thasein	SK. Thasein
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29	T Veena Madhuri	T. Veena Madhuri
30	MVN Lakshmi	MVN Lakshmi
31	T Vennela Srujana	T. V. Srujana
32	B Vijaya Durga	B. Vijaya Durga
33	K Arun Kumar	K. Arun Kumar
34	P Bharath Kumar	P. Bharath Kumar
35	B Chandra Babu	B. Chandra Babu
36	K Hari sai Lokesh	K. Hari sai Lokesh
37	Ch Mohan Sundar	Ch. Mohan Sundar
38	K Naga vardhan reddy	K. Naga Vardhan Reddy
39	S Naga Venkat	S. Naga Venkat
40	B N V S Chandra sekhar	BNVS Chandra Sekhar
41	K Rahul	K. Rahul
42	G Ramesh	G. Ramesh
43	K Ramu	K. Ramu
44	Sai Guntur	Sai Guntur
45	B Siva Kiran	B. Siva Kiran
46	T Surya Teja	T. Surya Teja

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50	B V Ravi Kumar	B V Ravi Kumar
51	V V Naga Yeswanth	V V Naga Yeswanth
52	M Vikas	M. Vikas
53	D Vinay Kumar	D Vinay Kumar
54	G Bhuvana Bindu	G Bhuvana Bindu
55	A Chandana	A. Chandana
56	Dilshad Begum	Dilshad Begum
57	V Divya Sree	V. Divya Sree
58	K Lavanya	K. Lavanya
59	Sk Nargees	SK Nargees
60	A ramya Sree	A Ramya Sree
61	B Jayadeep	B. Jayadeep
62	K Pavan Kumar	K. Pavan Kumar
63	M Sai Nikhil	M Sai Nikhil
64	K Venkatesh	K. Venkatesh
65	J Vijay Kumar	J Vijay Kumar
66	M. Anu	M. Anu
67	D. Apeksha	D. Apeksha
68	Sk. Asma	SK. Asma
69	K. Bhavagnya	K. Bhavagnya
70	P. Deepika	P. Deepika
71	K. Divya	K. Divya

72	V.Divya	V. Divya
73	M.D.Maanvitha	md-maanvitha
74	S.Fathima	S. fathima
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77	K.Hema Latha	K. Hema
78	P.Jyothsna	P. Jyothsna
79	VKRS Ahalya	Ahalya
80	T.Kumari	T. Kumari
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83	M.Manasa	M. Manasa
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85	P.Mounika	P. Mounika
86	K.Munni	Munni K.
87	Sk.Muskan	Sk. Muskan
88	P.Tejasri	P. TEJASRI
89	D.Nanditha	D. Nanditha
90	G.Pavani	G. Pavani
91	D.Prathyusha	D. Prathyusha
92	A.Ramya	A. Ramya
93	J.Sowmya	J. Sowmya
94	K.Sravanthi	K. Sravanthi
95	K.Sravanthi	K. Sravanthi
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108	K.Neeraj	K. Neeraj
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110	A.Pavan Sai	A. Pavan Sai
111	G.Pavan Kumar	G. Pavan Kumar
112	P.Praveen	P. Praveen
113	K.Sanjeev	K. Sanjeev
114	K.Satwik	K. Satwik
115	PSS Vasanth	PSS Vasanth
116	E.Srinu	E. Srinu
117	Y.Tarun	Y. Tarun
118	TVGS Teja	TVGS Teja
119	KVSB Kumar	KVSB Kumar
120	K. Venakataswamy	K. Venakataswamy
121	D.Vijaya Syam	D. Vijaya Syam


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124	V. Bhargavi	Bhargavi
125	G. Mounika	Mounika
126	D. Prasanna	D. Prasanna
127	T. Pushpalatha	Pushpalatha
128	V. Satyavathi	V. Satyavathi
129	B. Bhanu Prakash	B. Bhanu Prakash
130	K. Pavan Kumar	K. Pavan Kumar
131	K. Phani	K. Phani
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VIJAYAWADA - 520 008

FACULTY NAME: N. BOJJI BABU

BRANCH: ECE

ACADEMIC YEAR: 2019-20

SUBJECT: Recent Trends in RF

Antenna Design

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MONTH & DATE		2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
SIGNATURE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S.NO.	REG. NO.	STUDENT NAME														
1	441	MADABATI. ANU														
2	463	DANTIMALLA. APEKSHA														
3	464	CHAIK. AGMA														
4	465	KALITARA. BHAVAGNYA														
5	466	PATNALA. DEEPTHA														
6	467	KANCHARANA. DIVYA														
7	468	VUYYURU. DIVYA														
8	469	MUTTA. DEENDY MAANVITHA														
9	470	SAYEEDA. FATHIMA														
10	471	TALLA. GREESHMA														
11	472	GANAPAVARAO. HARSHINI														
12	473	KALLAM. HEMALATHA														
13	474	POLANATI. TYOTHSNA														
14	475	VUTUKURI. KAVYATOGASUTHA														
15	476	TEKKI. KUMARI														
16	477	GATULA. LALLA SRIVANTHI														
17	478	BOYINA. MANASA														
18	479	MEDURI. MANASA														
19	480	PETHU. MOHITHA														
20	481	POTABATTULA. MOHITHA														
21	482	KANTIKAPATI. MUNNI														
22	483	SHAIK. MUSKAN TARANNOM														
23	484	PENUGUNDANAGAVENKATARA														
24	485	DASARI. NANDITHA														
25	486	GUTHU. PAVANI														
26	487	DEVI. PRATHYUSHA														
27	488	RAMYA. ARJAMPUDI														
28	489	JITHENDRI. SOUMYA														
29	490	KANCHALA. SRIVANTHI														
30	491	SRIVANTHI. KANADARTHI														
31	492	PINNINTI. CUSHNA														
32	493	BANDINI. VISHNU PRYA														
33	494	GOURI. AKHIL														
34	495	KATUNALA. AKHIL														
35	496	ADAPALA. AKHIL														
36	497	CHAKKA. ARUNKHAR														
37	498	RATULAPATI. CHARANSAT														
38	499	KANARATIGADDA. GANESH														

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FACULTY NAME: N. BOJJI BABU
ACADEMIC YEAR: 2019-20

BRANCH: ECE
SUBJECT: Recent Trends in
RF Antenna Design

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
MONTH & DATE		2019	10	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
SIGNATURE																																	
S.NO.	REG. NO.	STUDENT NAME																															
39	16H12ACV40	PERALA GIRIDHAR PRAVANK																															
40	401	MANDALAM NARAYAN REBEY																															
41	403	INASANTI NAGA BRAHMAN																															
42	404	JALAKOTI NAGASANKAR																															
43	405	AKKAT K																															
44	406	ELISETTY PAVAN KUMAR																															
45	407	ANDE PAVAN SAT																															
46	408	GUDABATI PAVAN KUMAR																															
47	409	BARASA PRAVEEN																															
48	410	SANTOSH SANTI																															
49	411	KODATI SATWIK																															
50	412	PESUPATI SITARNA SHANMUGA																															
51	413	APPALA SRINU VASANTH																															
52	414	VANDAPALLI THARUN																															
53	415	THUNDA VENKATAGOPAL																															
54	416	KODALA VENKATASRI SANTOSH DAS KUMAR																															
55	417	KEERTHI VENKATASRAMY																															
56	418	DEVARAKONDA VIRABHADR																															
57	16H12ACV43	HULLAARDI SHARINA																															
58	419	NAMBAKA PRAKASHA																															
59	420	VENKATAPALLI BHARGAVI																															
60	421	ALUMMALA MOHITHA																															
61	422	DASARI PRADHANA																															
62	423	TADIPATRI PUSHPALATHI																															
63	424	NANA PAUL SATHYANATHI																															
64	425	BORA BHANU PRAKASH																															
65	426	KODATI PAVAN KUMAR																															
66	427	KAKARA PHANI																															
67	428	ADHAPATI PRADHANA																															
68	429	CHANDLER SIVA																															
69	16H12ACV41	R. ANANTH KUMAR																															
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VIJAYAWADA-520 008

VIJ,

ACADEMIC YEAR: 2019-20

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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

VL

ACADEMIC YEAR: 2019-20

MONTH & DATE

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VIJAYAWADA - 520 008

FACULTY NAME: M. ROJJI BABU
ACADEMIC YEAR: 2017-20

BRANCH: CE
SUBJECT: Recess Treatment II
Ambera Durga

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MONTH & DATE		20	21	22	23	24	25	26	27	28	29	30	31	01	02	03
SIGNATURE																
S.NO.	REG. NO.	STUDENT NAME														
39	17H120045	SRIKANTH NARAYAN NARAYAN														
40	400	SRIKANTH NARAYAN NARAYAN														
41	401	SRIKANTH NARAYAN NARAYAN														
42	402	SRIKANTH NARAYAN NARAYAN														
43	403	SRIKANTH NARAYAN NARAYAN														
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47	407	SRIKANTH NARAYAN NARAYAN														
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FACULTY NAME: N. GUJJIBABU
ACADEMIC YEAR: 2019-20

BRANCH: ECE
SUBJECT: Recent Trends in RF
Antenna Design

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MONTH & DATE		20	21	22	23	24	25	26	27	28	29	30	31	01	02	03
SIGNATURE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S.NO.	REG. NO.	STUDENT NAME														
1	401	MOHAMMAD AFRIN BANU														
2	402	KAMIREDDY AISHWARYA NAIDU														
3	403	PUNTA AMALA GOUDHAMI														
4	404	SALI ANVITHA														
5	405	GUNDAM BHAVANI														
6	406	MORLA DEEPIKA														
7	407	NERELLA DHANA LAKSHMI														
8	408	KONIDENA DHARANI SRI DIVYA														
9	409	BATTU DURGA BHAVANI														
10	410	KANNA HARSHITHA PRASANTH														
11	411	VANKARA HEMA LATHA														
12	412	HEMA PRIYA THIRUMALASETTY														
13	413	NEELI JYOTHIRMAI														
14	415	SAMALA JYOTHSNA														
15	416	CARLAPATI KOTI NAGA PAVANI														
16	417	GURRAM MADHAVI														
17	418	MANDAPATI NAVYASREE														
18	419	KARNENA PRASANNA														
19	420	DILNA PRIYANKA														
20	421	SHAIK RIZWANA														
21	422	ADAPA SAI DIVYA														
22	423	TAMMALALA SAI PADMAJITA														
23	424	SHAIK SHABAN MANJU														
24	425	TODUSU SIRI CHANDANA														
25	426	PAGOLU SRI HARIKA														
26	427	NUNYALA SRINITHYA														
27	428	SHAIK THASEEN														
28	429	BODDENAPALLI VPS SAI SREE														
29	430	THIRUMALASETTY VEENA MADHURI														
30	431	MUKKOLU VENKATA NAGA LAKSHMI														
31	432	THIRUMALA SETTY VENNELA SRJANA														
32	433	BADDUKONDA VIJAYA DURGA														
33	434	KAMATHAM ARUN KUMAR														
34	435	PENOMAKA BHAPATHI KUMAR														
35	437	PILLA CHANDRA BABU														
36	439	KARNATI HARI SAI LOKESH														
37	441	CHIKKALA MOHANSUNDAR														
38	442	KOKI NAGA VARDHANA REDDY														

HOD SIGNATURE

HOD SIGNATURE

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: N. BUJJI BABU
ACADEMIC YEAR: 2019-20

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
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VIJAYAWADA-520 008

MOD/SIGNATURE

SAMPLE CERTIFICATE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada. An ISO 9001:2008
Certified Institution, ALC Campus, I.T.I Road, Vijayawada-520008



Dr. A P J ABDUL KALAM RESEARCH FORUM

Communication Research Group



Department of Electronics & Communication Engineering

Certificate of Course Completion

This is to certify that Mr. / Ms. S Naga Venkat of III ECE bearing Roll Number 17HP1A0443 has participated in a Five day Certificate Course on Recent Trends in RF Antenna Design at Andhra Loyola Institute of Engineering and Technology, Vijayawada from 26/11/2019 to 30/11/2019 organised by Communications Research Group.

N Bhargava

Coordinator

Head of the Department

Principal

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Certified Institution, ALC Campus, I.T.I Road, Vijayawada-520008



Dr. A P J ABDUL KALAM RESEARCH FORUM

Communication Research Group



Department of Electronics & Communication Engineering

Certificate of Course Completion

This is to certify that Mr. / Ms. MVN Lakshmi of III ECE bearing Roll Number 17HP1A0431 has participated in a Five day Certificate Course on Recent Trends in RF Antenna Design at Andhra Loyola Institute of Engineering and Technology, Vijayawada from 26/11/2019 to 30/11/2019 organised by Communications Research Group.

N. B. Babu

Coordinator

Head of the Department

Principal

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VIJAYAWADA-520 008

Proofs for the Certification Course Program -2019-20-II-ECE

PCB DESIGNS



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code	:	(0866)
College	:	2498978
Secretary	:	2476161
Principal	:	2476945
Fax	:	2498976

CIRCULAR

DATE: 18-06-2019

This is to bring to your kind notice that the certificate courses on **PCB Design** is going to be conducted by the department of Electronics and Communication Engineering of ALIET from 08-07-2019 to 12-07-2019. For more information, please contact the HoD of the department.


HoD


Principal
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
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VIJAYAWADA-520008.



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

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An ISO 9001 : 2015 Certified Institution

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA-8 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATION DETAILS

MINUTES OF MEETING

Date: 03-07-2019

The meeting was conducted in the department of ECE. The agenda of the meeting was to discuss about the "Certificate course" and student active participation. Resolved to conduct the following course: PCB Design

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	M.RAMA KRISHNA	Assoc. Prof	
2	S.MALLIKARJUNA RAO	Assoc. Prof	
3	Dr.K.PRASANTHI JASMINE	Asst. Prof	
4	B.SANTHI KIRAN	Assoc. prof	
5	P.BOSE BABU	Asst. prof	
6	T.LAKSHMI NARAYANA	Asst. prof	
7	G.ROOPA KRISHNA CHANDRA	Asst. prof	
8	G.RAVI	Asst. Professor	
9	P.KOTESWARA RAO	Asst. Professor	
10	Y.PAVAN KUMAR	Asst. Professor	
11	N.BUJJI BABU	Asst. prof	
12	G.VIJAYA KUMAR	Asst. prof.	
13	K.APPALA RAJU	Asst. Professor	
14	M.KRISHNA MOHAN	Asst. prof.	
15	K.SRINIVASA RAO	Asst. Professor	
16	M.RAMA KRISHNA	Asst. Professor	
17	K.RAMA RAO	Asst. prof	
18	CH.PRANOB KUMAR	Asst. Prof	
19	A.ABDUL AZEEM	Asst. prof	
20	MOHAMMAD BAIG	Asst. Prof	
21	S.SAI VENKATESH	Asst. prof	

SIGNATURE OF THE HEAD OF THE DEPARTMENT

Head of the Department
Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

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VIJAYAWADA-520 008



SYLLABUS

Title of the Certification: PCB Design

Year: II

Faculty Name: G.Ravi

Academic Year: 2019-2020

08/07/2019

UNIT1:

- Introduction about the P.C.B (Printed Circuit Board)
- Explanation about the terms like copper foil, Art work silk screen, solder mask etc., related to P.C.B
- Understanding the steps and processes involved in making P.C.B The processes are namely tinning drilling and etching

09/07/2019

UNIT2:

- The type of P.C.B such as single sided P.C.B, printed through hole and multilayer
- Introduction about P.C.B and proceeds to the software part Three projects and their related circuits.
- Project 1:-design and develop 5 volts regulated power supply
- Project2:- design and develop a simple 555Ic base Astable multi vibration
- Project:-3 temperature controlled fan using LM 393 comparator

10/07/2019

UNIT3:

- Explanation about the designing of P.C.B circuit in P.C.B wizard software
- The process of designing the circuit.

UNIT4:

- Developing the schematics of circuit design using industrial standard editor
- Auto routing of Circuit Design in P.C.B software practically

11/07/2019

UNIT5:

- Illustration about the printing of circuit on the P.C.B
- Demonstration of the process of printing the circuit an P.C.B's
- PCB Manufacturing process: Preparing Art work, Circuit printing, chemical etching, Soldering mask and legend printing, Drilling, Tinning and Placement of components.

12/07/2019

UNIT6:

- After completion of theoretical session, two projects namely Astable Multi vibrator and Temperature controlled Fan have to be done by the students.
- Finally soldering and testing of sample projects.


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**Department: ECE Academic Year: 2019-2020****Name of the Program : PCB Design****List of Students Enrolled / Completed: 119**

SNO	STUDENT NAME
1	PALAVAYI ANJALI
2	PAMARTHI ANUSHA
3	TEKI DEEKSHITHA SOWJANYA
4	BUDDAVARAPU GAYATHRI DEVI
5	VEERAVALLI HARSHITHA
6	NUNNA JAHNAVI
7	NALLAMOTHU KAVYA
8	TIRUMALASETTY KEERTHI
9	KAKARAPARTHI KIRAN ARSHITHA
10	KAKI KRUPAVATHI
11	DONDETI MARY SUPRIYA
12	SANISETTY MOUNIKA
13	ANGADALA NAGA KUMARI
14	PATTEM NIKITA SRI
15	NITHYA SREE RANJAN KALINTHA
16	KANDHIMALLA PRATHYUSHA REDDY
17	TAMMU PUJITHA
18	KORUKONDA RADHIKA
19	MOHAMMAD RESHMA
20	BANDARU RUPA
21	RAJARAPU SAHITHI
22	LOYA SOWMYA


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23	GOVVALA SRILEKHA
24	KATRAGADA SRUTHI
25	KANAMARLA SWATHI SWARUPA
26	MAREEDU SWETHAPRIYA
27	KOLLU UJWALA
28	KODALI VARSHA
29	INTI VIMALA REGINA
30	MUNIVELU VINEETHA
31	GURRAM YAMINI
32	CHIGURUPATI ABHINAV KUMAR
33	SHAIK AKBAR NAGA BHASHA
34	RAJULAPATI ANIL
35	SUDHANI CHANDRA BHANU
36	KANITHI CHANDRA MAHESH
37	GAGAN GUDAPATI
38	KORIPALLI HARISH
39	POTLURI KARTHIK RAM
40	MOTHUKURI KRANTHI KIRAN
41	MADASU LOKESH PRABHU KUMAR
42	CHILAKALAPUDI MOHANA KRISHNA
43	KASUKURTHI NAVEEN
44	NELLURU NEVIL
45	KODURU PVENKATA PRASAD
46	NUKALA PREM KRISHNA NAIDU
47	ADIMULAPU RUTHVIK


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48	CHINNAM SAMUEL RITCHIE
49	GARIKIPATI SATYA PRASAD
50	MANDAVA V NAGA SAI ROHITH
51	SAREDDU VENKATESH
52	SAMILETI PRABHU
53	REKAPALLI DEVI SRI
54	CHINNI SRAVANI
55	ABDUL TANVEERTAZAIN
56	GUGLOTHU TULASI
57	KATRAM SAI HARSHA VARDHAN
58	YEMINEDI SESHU BABU
59	CHODISETTY DHEERAJ
60	P VISWA TEJA
61	VULASA BHAVANI PRIYA
62	NUTHI BHUVANESWARI
63	K CHANDANA SRAVANI
64	CH DARSINI RAM
65	BENEN DEEPIKA
66	CHINNI DIVYA
67	VULLAMPARTHI DIVYA
68	J GUNA KEERTHANA
69	SK HENNA JASMINE
70	KAVYA PRANATHI BATTU
71	ARIKATLA MADHURI
72	AREPALLI MANASA


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73	MANKENA MARY PRABHA
74	PERIKALA MOUNIKA
75	TUMMA NAGA SRI SARVANI
76	CHIGURUPATI NANDINI
77	MANDEPUDI NAVYA
78	NARAM PRAVEENA
79	CHILLA RAJESWARI
80	SIDDAMREDDY RAVALI
81	P ROSHINI SREE
82	PILLI SADHVIKA REDDY
83	ANAGANI SAI DEEPTHI
84	SUDDAPALLI SAI PRIYA
85	SAI RUCHITHA MAKANI
86	BETALA SUKANYA
87	KONIKI SWATHI
88	EERLA TEJASRI
89	S V K L N SUSHMA
90	GARLAPATI V GAYATHRI
91	GIDDALURU BHANU TEJA
92	K C V VAIBHAV
93	K CHARAN NAGA SAI
94	G CHARAN TEJA
95	JAKKI DIMPU SAGAR
96	S D VINAY KUMAR
97	P D S KUMAR


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98	AKULA D SAI CHANDU
99	MIDDE GEETHABHIRAM
100	P GOAVARDHAN
101	TANNEERU HARISH
102	MOHAMMAD IMRAN
103	JANJANAM JITENDRA
104	MULE MADHAVA
105	GAYAM NAGENDRA
106	LAM NIKHIL
107	B PRUDHVIKANTH
108	SHAIK RAZAK
109	PITTALA SAI PAVAN
110	CHAMAKURI SRINIVAS
111	KALIVARAPU SUNIL
112	GOVADA TARUN VARDHAN
113	KUNCHALA TIRUMALA SAI
114	BATTU VIJAYA RATNA RAJU
115	CHILLAPALLI POOJA KOTESWARI
116	CHANDAMALA SHINY
117	VALLURUPALLI ESWAR KUMAR
118	SARAVAKOTA SRAVAN KUMAR
119	V RAJA

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'PCB Design' was conducted for 2nd year ECE students from **08-07-2019 To 12-07-2019**. The program aimed at imparting the basics of **PCB Designing and soldering** to develop a simple PCB.


PRINCIPAL
 ANDHRA LOYOLA INSTITUTE OF
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 VIJAYAWADA-520 008

Department: ECE

Academic Year: 2019-2020

Name of the Program : PCB Design

List of Students Enrolled / Completed: 119

SNO	STUDENT NAME	
1	PALAVAYI ANJALI	P. Anjali
2	PAMARTHI ANUSHA	P. Anusha
3	TEKI DEEKSHITHA SOWJANYA	T. D. Sowjanya
4	BUDDAVARAPU GAYATHRI DEVI	B. G. Devi
5	VEERAVALLI HARSHITHA	V. Harshitha
6	NUNNA JAHNAVI	N. Jahnvi
7	NALLAMOTHU KAVYA	N. K. Kavya
8	TIRUMALASETTY KEERTHI	T. Keerthi
9	KAKARAPARTHI KIRAN ARSHITHA	K. K. Arshitha
10	KAKI KRUPAVATHI	K. Krupavathi
11	DONDETI MARY SUPRIYA	D. M. Supriya
12	SANISETTY MOUNIKA	S. Mounika
13	ANGADALA NAGA KUMARI	A. N. Kumari
14	PATTEM NIKITA SRI	P. Nikita S.
15	NITHYA SREE RANJAN KALINTHA	Nithya S. R.
16	KANDHIMALLA PRATHYUSHA REDDY	K. P. Prathyusha
17	TAMMU PUJITHA	T. Pujitha
18	KORUKONDA RADHIKA	K. Radhika
19	MOHAMMAD RESHMA	B. Reshma
20	BANDARU RUPA	B. Rupa
21	RAJARAPU SAHITHI	R. Sahithi
22	LOYA SOWMYA	L. Sowmya


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23	GOVVALA SRILEKHA	G. Srilekha
24	KATRAGADA SRUTHI	K. Sruthi
25	KANAMARLA SWATHI SWARUPA	K. Swathi Swarupa
26	MAREEDU SWETHAPRIYA	M. Swathi Priya
27	KOLLU UJWALA	K. Uswala
28	KODALI VARSHA	K. Varsha
29	INTI VIMALA REGINA	I. Vimala Regina
30	MUNIVELU VINEETHA	M. Vineetha
31	GURRAM YAMINI	G. Yamini
32	CHIGURUPATI ABHINAV KUMAR	Ch. Abhinav Kumar
33	SHAIK AKBAR NAGA BHASHA	S. Akbar Naga Bhasha
34	RAJULAPATI ANIL	P. Anil
35	SUDHANI CHANDRA BHANU	S. Chandra Bhanu
36	KANITHI CHANDRA MAHESH	K. Ch. Mahesh
37	GAGAN GUDAPATI	Gagan G.
38	KORIPALLI HARISH	K. Harish
39	POTLURI KARTHIK RAM	P. Kartik Ram
40	MOTHUKURI KRANTHI KIRAN	K. Kranthi Kiran
41	MADASU LOKESH PRABHU KUMAR	M. L. P. Kumar
42	CHILAKALAPUDI MOHANA KRISHNA	Ch. M. Krishna
43	KASUKURTHI NAVEEN	K. Naveen
44	NELLURU NEVIL	N. Nevil
45	KODURU PVENKATA PRASAD	K. P. Venkata Prasad
46	NUKALA PREM KRISHNA NAIDU	N. P. K. Naidu
47	ADIMULAPU RUTHVIK	A. Ruthvik


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48	CHINNAM SAMUEL RITCHIE	<u>Ritchie</u>
49	GARIKIPATI SATYA PRASAD	G.S. Prasad
50	MANDAVA V NAGA SAI ROHITH	M. Rohith
51	SAREDDU VENKATESH	S Venkatesh
52	SAMILETI PRABHU	Prabhu
53	REKAPALLI DEVI SRI	R. D. Sri
54	CHINNI SRAVANI	Ch. Sravani
55	ABDUL TANVEERTAZAIN	Abdul Tanveer
56	GUGLOTHU TULASI	G. Tulasi
57	KATRAM SAI HARSHA VARDHAN	K. Harshavardhan
58	YEMINEDI SESHU BABU	J. Seshu
59	CHODISETTY DHEERAJ	Chitheeraj
60	P VISWA TEJA	P. V. Teja
61	VULASA BHAVANI PRIYA	V. Bhavani Priya
62	NUTHI BHUVANESWARI	N. Bhuvaneshwari
63	K CHANDANA SRAVANI	K. Chandana Sravani
64	CH DARSINI RAM	Ch. Darsini Ram
65	BENEN DEEPIKA	B. Deepika
66	CHINNI DIVYA	Ch. Divya
67	VULLAMPARTHI DIVYA	V. Divya
68	J GUNA KEERTHANA	J. Guna Keethana
69	SK HENNA JASMINE	SK. H. Jasmine
70	KAVYA PRANATHI BATTU	Kavya Pranathi B.
71	ARIKATLA MADHURI	
72	AREPALLI MANASA	A. Manasa


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73	MANKENA MARY PRABHA	M.M. Prabha
74	PERIKALA MOUNIKA	P. Mounika
75	TUMMA NAGA SRI SARVANI	T.N. Sri Sarvani
76	CHIGURUPATI NANDINI	Ch. Nandini
77	MANDEPUDI NAVYA	M. Navya
78	NARAM PRAVEENA	N. Praveena
79	CHILLA RAJESWARI	Ch. Rajeswari
80	SIDDAMREDDY RAVALI	S. Raval
81	P ROSHINI SREE	P. Roshini Sree
82	PILLI SADHVIKA REDDY	P. Sadhika Reddy
83	ANAGANI SAI DEEPTHI	A Sai Deepti
84	SUDDAPALLI SAI PRIYA	S. Saipriya
85	SAI RUCHITHA MAKANI	Sai Ruchitha
86	BETALA SUKANYA	B. Sukanya
87	KONIKI SWATHI	K. Swathi
88	EERLA TEJASRI	E. Tejasri
89	S V K L N SUSHMA	S.V.K.L.N. Sushma
90	GARLAPATI V GAYATHRI	G. Gayathri
91	GIDDALURU BHANU TEJA	G. Bhanu Teja
92	K C V VAIBHAV	K.C.V. Vaibhav
93	K CHARAN NAGA SAI	K. Charan Sai
94	G CHARAN TEJA	G. Charan Teja
95	JAKKI DIMPU SAGAR	J.D. Sagar
96	S D VINAY KUMAR	S.D. Vinay Kumar
97	P D S KUMAR	P.D.S. Kumar


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98	AKULA D SAI CHANDU	
99	MIDDE GEETHABHIRAM	M. Geethabharam
100	P GOAVARDHAN	P. Govardhan
101	TANNEERU HARISH	T. Harish
102	MOHAMMAD IMRAN	M.D. Imran
103	JANJANAM JITENDRA	J. Jitendra
104	MULE MADHAVA	
105	GAYAM NAGENDRA	G. Nagendra
106	LAM NIKHIL	L. Nikhil
107	B PRUDHVIKANTH	B. Prudhvi
108	SHAIK RAZAK	Sk. Raza
109	PITTALA SAI PAVAN	P. Sai Pavan
110	CHAMAKURI SRINIVAS	Ch. Srinivas
111	KALIVARAPU SUNIL	K. Sunil
112	GOVADA TARUN VARDHAN	G. Tarun
113	KUNCHALA TIRUMALA SAI	K. Thirumala Sai
114	BATTU VIJAYA RATNA RAJU	B.V.R. Ravi
115	CHILLAPALLI POOJA KOTESWARI	Ch. Pooja
116	CHANDAMALA SHINY	Ch. Shiny
117	VALLURUPALLI ESWAR KUMAR	V. Eswar Kumar
118	SARAVAKOTA SRAVAN KUMAR	S. Sraavan Kumar
119	V RAJA	V. Ravi

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'PCB Design' was conducted for 2nd year ECE students from **08-07-2019 To 12-07-2019**. The program aimed at imparting the basics of **PCB Designing and soldering** to develop a simple PCB.


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Approved by AICTE, New Delhi and Affiliated to JNTUK-Kakinada

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME : GRAVIS

BRANCH : ECE

ACADEMIC YEAR : 2019-20

SUBJECT : PCB DESIGN

HOUR TAKEN		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30																													
MONTH & DATE		28 29 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30																													
SIGNATURE		K. R. G. A. K. R. G																													

HOD SIGNATURE

HOD SIGNATURE

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME : G. RAVI
ACADEMIC YEAR : 2019-20

BRANCH : ECE
SUBJECT : PCB Design

		HOUR TAKEN														MONTH & DATE													
		SIGNATURE																											
S.NO.	REG. NO.	STUDENT NAME														1	2	3	4	5	6	7	8	9	10	11	12	13	14
39	439441	Karthik Rana Sathya														1	2	3	4	5	6	7	8	9	10	11	12	13	14
40	44400	Maitheeswari Kanti Kisan														1	2	3	4	5	6	7	8	9	10	11	12	13	14
41	4144	Madhusuleksh prabhakum														1	2	3	4	5	6	7	8	9	10	11	12	13	14
42	4445	Mithalakapudi Mahan Kishan														1	2	3	4	5	6	7	8	9	10	11	12	13	14
43	4446	Sankarabathi Naveen														1	2	3	4	5	6	7	8	9	10	11	12	13	14
44	4447	Nelluri Nani														1	2	3	4	5	6	7	8	9	10	11	12	13	14
45	4448	Koduru Padma Venkat prasad														1	2	3	4	5	6	7	8	9	10	11	12	13	14
46	4451	Nikhil Prem kishan midha														1	2	3	4	5	6	7	8	9	10	11	12	13	14
47	4452	Adimulapu Reddy														1	2	3	4	5	6	7	8	9	10	11	12	13	14
48	4455	Chinnam Samuel Rikhi														1	2	3	4	5	6	7	8	9	10	11	12	13	14
49	4456	Ganikapati Satya Prasad														1	2	3	4	5	6	7	8	9	10	11	12	13	14
50	4458	Mandava Venkata Naga Sai														1	2	3	4	5	6	7	8	9	10	11	12	13	14
51	4459	Sivreddu Venkatesh														1	2	3	4	5	6	7	8	9	10	11	12	13	14
52	4460	Sankarabathi Prabhu														1	2	3	4	5	6	7	8	9	10	11	12	13	14
53	4461	Kotapalli Devi Sai														1	2	3	4	5	6	7	8	9	10	11	12	13	14
54	4462	Chinnam Sivaani														1	2	3	4	5	6	7	8	9	10	11	12	13	14
55	4463	Abdul Tarveezgazin														1	2	3	4	5	6	7	8	9	10	11	12	13	14
56	4464	Guglathu Tejas														1	2	3	4	5	6	7	8	9	10	11	12	13	14
57	4465	Kotam Sathish Babu														1	2	3	4	5	6	7	8	9	10	11	12	13	14
58	4466	Vemireddy Sathu Babu														1	2	3	4	5	6	7	8	9	10	11	12	13	14
59	4467	Chinnam Sathu Babu														1	2	3	4	5	6	7	8	9	10	11	12	13	14
60	4468	Paddireddy Vinu Teja														1	2	3	4	5	6	7	8	9	10	11	12	13	14
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HOD SIGNATURE

HOD SIGNATURE

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: G. RAVI
ACADEMIC YEAR: 2019-20

MONTH & DATE

SIGNATURE

[illegible]

HOD SIGNATURE

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

VIJAYAWADA - 520 008

BRANCH: LCI

SUBJECT: PCB Design

HOD SIGNATURE

PRINCIPAL

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VILAYAWADA-520 008

HOD SIGNATURE

FACULTY NAME: GRAV
ACADEMIC YEAR: 2019-20

ACADEMIC YEAR: 2019-20

[illegible]

PRINCIPAL
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VILAYATNADA-520 008

BRANCH: 20
SUBJECT: 100, 100, 100

HOD SIGNATUREHOD SIGNATURE _____

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: GIRAJI
ACADEMIC YEAR: 2019-20

GRAVIT

2019-20

MONTH & DATE

S.NO.	REG. NO.	STUDENT NAME
39	403	MIDDE GEETHABILI
40	404	PERAVALI GOVARE
41	405	TANNEERU HARISI
42	406	MOHAMMAD IMRAN
43	407	TANTANOM JITENI
44	408	MULE MADHAVA
45	409	GAVAM NAGENDRA
46	480	LAM NIKHIL
47	481	BEZAWADA PRUDHVI
48	483	SHAIK RAZAR
49	484	PITTALA SAI PAVI
50	485	CHAMAKURI SRINIV
51	486	KALIVARADU SURI
52	487	GODDA TARUN VAR
53	488	KUNCHALA TIRUMA
54	489	BATTU VIJAYA RATH
55	13HBP0407	CHIMADAVI MOJA
56	408	CHANDAMALA SHU
57	409	VALLURUPALLI ESWAR
58	410	SARAVAKOTA SRAVAN
59	412	VININAKOTA RAZ
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SAMPLE CERTIFICATE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

 **Certificate of Course Completion**

This is to certify that Mr/Ms/Mrs. B PRUDHVIKANTH
of II ECE bearing Roll Number 18HP1A04B1 has participated in a
Five Day Certificate course on “PCB DESIGN” conducted from 8th
July 2019 to 12th July 2019.


Head of the Department


Resource Person


Principal


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Course Completion

This is to certify that Mr/Ms/Mrs. NALLAMOTHU KAVYA
of II ECE bearing Roll Number 18HP1A0407 has participated in a
Five Day Certificate course on "PCB DESIGN" conducted from 8th
July 2019 to 12th July 2019.

Head of the Department

Resource Person

Principal


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Proofs for the Certification Course Program -2019-20-II ECE

APPLICATIONS OF MATLAB IN ECE



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 09-09-2019

We are glad to know that the department of ECE will host a course on

Applications of MATLAB IN ECE from 17-09-2019 to 21-09-2019.

We hope that all the students of ECE would take full advantage of the same.


HoD


Principal

**PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to JNTUK-Kakinada

An ISO 9001 : 2015 Certified Institution

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA-8 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATION DETAILS

MINUTES OF MEETING

Date: 18-09-2019

The meeting was conducted in the department of ECE. The agenda of the meeting was to discuss about the "Certificate course" and student active participation. Resolved to conduct the following course: Applications of MATLAB in ECE.

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	M.RAMA KRISHNA	Assoc. Prof.	[Signature]
2	S.MALLIKARJUNA RAO	Assoc. Prof.	[Signature]
3	Dr.K.PRASANTHI JASMINE	Professor	[Signature]
4	B.SANTHI KIRAN	Asst. Prof.	[Signature]
5	P.BOSE BABU	Assoc. Prof.	[Signature]
6	Dr.T.LAKSHMI NARAYANA	Assoc. Prof.	[Signature]
7	G.ROOPA KRISHNA CHANDRA	Asst. Prof.	[Signature]
8	G.RAVI	Asst. Professor	[Signature]
9	P.KOTESWARA RAO	Asst. Professor	[Signature]
10	Y.PAVAN KUMAR	Asst. Prof.	[Signature]
11	N.BUJJI BABU	Asst. Prof.	[Signature]
12	G.VIJAYA KUMAR	Assistant prof.	[Signature]
13	K.APPALA RAJU	Asst. Professor	[Signature]
14	M.KRISHNA MOHAN	Asst. Prof.	[Signature]
15	K.SRINIVASA RAO	Asst. Professor	[Signature]
16	M.RAMA KRISHNA	Asst. Prof.	[Signature]
17	K.RAMA RAO	Asst. Prof.	[Signature]
18	CH.PRANOB KUMAR	Asst. Prof.	[Signature]
19	A.ABDUL AZEEM	Asst. Prof.	[Signature]
20	MOHAMMAD BAIG	Asst. Prof.	[Signature]
21	S.SAI VENKATESH	Asst. Prof.	[Signature]

SIGNATURE OF THE HEAD OF THE DEPARTMENT

Head of the Department
Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

PRINCIPAL

ANDHRA LOYOLA INSTITUTE OF
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VIJAYAWADA-520 008

**Title of the Certification:** Applications of MATLAB in ECE**Year:** II**Faculty Name:** G. Roopa Krishna Chandra**Academic Year:** 2019-2020**COURSE CONTENT**

DATE	TOPIC	SUB TOPICS
17-09-2019	Introduction to MATLAB	Brief Introduction
		Installation of MATLAB
		History
		Use of MATLAB
		Key features
	MATLAB software	Introduction to MATLAB Software
		MATLAB window
		Command window
		Workspace
		Command history
		Setting directory
		Working with the MATLAB user interface
		Basic commands
		Assigning variables
		Operations with variables
	Data files and Data types	Character and string
		Arrays and vectors
		Column vectors
		Row vectors
18-09-2019	Basic Mathematics	BODMAS Rules
		Arithmetic operations
		Operators and special characters
		Mathematical and logical operators
		Solving arithmetic equations
	Operations on matrix	Crating rows and columns Matrix
		Matrix operations
		Finding transpose, determinant and inverse
		Solving matrix
	Other operations	Trigonometric functions
		Complex numbers
		fractions
		Real numbers
19-09-2019	M files	Complex numbers
		Working with script tools
		Writing Script file
		Executing script files
		The MATLAB Editor
		Saving m files
	Plots	Plotting vector and matrix data

	2D plots	Plot labelling, curve labelling and editing
		Basic Plotting Functions
		Creating a Plot
		Plotting Multiple Data Sets in One Graph
		Specifying Line Styles and Colors
		Graphing Imaginary and Complex Data
		Figure Windows
		Displaying Multiple Plots in One Figure
		Controlling the Axes
20-09-2019	3D plots	Creating Mesh and Surface
		About Mesh and Surface Visualizing
		Subplots
	MATLAB Simulink	Introduction Of Simulink
		Simulink Environment & Interface
		Study of Library
		Circuit Oriented Design
		Equation Oriented Design
		Model
		Subsystem Design
		Connect Call back to subsystem
		Application
	MATLAB Programming	Automating commands with scripts
		Writing programs with logic and flow control
		Writing functions
		Control statement Programming
		Conditional Statement Programming
		Examples
21-09-2019	Loops and Conditional Statements	Control Flow Conditional Control — if, else, switch
		Loop Control — for, while, continue, break
		Program Termination — return
	Functions	Writing user defined functions
		Built in Function
		Function calling
		Return Value
		Types of Functions
		Global Variables
	Image Processing with MATLAB	Importing and Visualizing Images
		Importing and displaying images
		Obtaining pixel intensity values
		Extracting a region of interest
		Adjusting image contrast
	Symbolic Math in MATLAB	Calculus: Numerical Integration
		Linear Algebra
		Roots of Polynomials
		Algebraic equations


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		Differential Equations (1st & 2nd order)
		Transforms (Fourier, Laplace, etc)
		Ordinary Differential equations
		Examples of few ODEs


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 VIJAYAWADA-520 008

**Department: ECE****Academic Year: 2019-2020****Name of the Program : Applications of Matlab in ECE****List of Students Enrolled / Completed: 119**

SNO	STUDENT NAME
1	PALAVAYI ANJALI
2	PAMARTHI ANUSHA
3	TEKI DEEKSHITHA SOWJANYA
4	BUDDAVARAPU GAYATHRI DEVI
5	VEERAVALLI HARSHITHA
6	NUNNA JAHNAVI
7	NALLAMOTHU KAVYA
8	TIRUMALASETTY KEERTHI
9	KAKARAPARTHI KIRAN ARSHITHA
10	KAKI KRUPAVATHI
11	DONDETI MARY SUPRIYA
12	SANISETTY MOUNIKA
13	ANGADALA NAGA KUMARI
14	PATTEM NIKITA SRI
15	NITHYA SREE RANJAN KALINTHA
16	KANDHIMALLA PRATHYUSHA REDDY
17	TAMMU PUJITHA


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18	KORUKONDA RADHIKA
19	MOHAMMAD RESHMA
20	BANDARU RUPA
21	RAJARAPU SAHITHI
22	LOYA SOWMYA
23	GOVVALA SRILEKHA
24	KATRAGADA SRUTHI
25	KANAMARLA SWATHI SWARUPA
26	MAREEDU SWETHAPRIYA
27	KOLLU UJWALA
28	KODALI VARSHA
29	INTI VIMALA REGINA
30	MUNIVELU VINEETHA
31	GURRAM YAMINI
32	CHIGURUPATI ABHINAV KUMAR
33	SHAIK AKBAR NAGA BHASHA
34	RAJULAPATI ANIL
35	SUDHANI CHANDRA BHANU
36	KANITHI CHANDRA MAHESH
37	GAGAN GUDAPATI
38	KORIPALLI HARISH
39	POTLURI KARTHIK RAM
40	MOTHUKURI KRANTHI KIRAN
41	MADASU LOKESH PRABHU KUMAR


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42	CHILAKALAPUDI MOHANA KRISHNA
43	KASUKURTHI NAVEEN
44	NELLURU NEVIL
45	KODURU PVENKATA PRASAD
46	NUKALA PREM KRISHNA NAIDU
47	ADIMULAPU RUTHVIK
48	CHINNAM SAMUEL RITCHIE
49	GARIKIPATI SATYA PRASAD
50	MANDAVA V NAGA SAI ROHITH
51	SAREDDU VENKATESH
52	SAMILETI PRABHU
53	REKAPALLI DEVI SRI
54	CHINNI SRAVANI
55	ABDUL TANVEERTAZAIN
56	GUGLOTHU TULASI
57	KATRAM SAI HARSHA VARDHAN
58	YEMINEDI SESHU BABU
59	CHODISETTY DHEERAJ
60	P VISWA TEJA
61	VULASA BHAVANI PRIYA
62	NUTHI BHUVANESWARI
63	K CHANDANA SRAVANI
64	CH DARSINI RAM
65	BENEN DEEPIKA


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66	CHINNI DIVYA
67	VULLAMPARTHI DIVYA
68	J GUNA KEERTHANA
69	SK HENNA JASMINE
70	KAVYA PRANATHI BATTU
71	ARIKATLA MADHURI
72	AREPALLI MANASA
73	MANKENA MARY PRABHA
74	PERIKALA MOUNIKA
75	TUMMA NAGA SRI SARVANI
76	CHIGURUPATI NANDINI
77	MANDEPUDI NAVYA
78	NARAM PRAVEENA
79	CHILLA RAJESWARI
80	SIDDAMREDDY RAVALI
81	P ROSHINI SREE
82	PILLI SADHVIKA REDDY
83	ANAGANI SAI DEEPTHI
84	SUDDAPALLI SAI PRIYA
85	SAI RUCHITHA MAKANI
86	BETALA SUKANYA
87	KONIKI SWATHI
88	EERLA TEJASRI
89	S V K L N SUSHMA


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90	GARLAPATI V GAYATHRI
91	GIDDALURU BHANU TEJA
92	K C V VAIBHAV
93	K CHARAN NAGA SAI
94	G CHARAN TEJA
95	JAKKI DIMPU SAGAR
96	S D VINAY KUMAR
97	P D S KUMAR
98	AKULA D SAI CHANDU
99	MIDDE GEETHABHIRAM
100	P GOAVARDHAN
101	TANNEERU HARISH
102	MOHAMMAD IMRAN
103	JANJANAM JITENDRA
104	MULE MADHAVA
105	GAYAM NAGENDRA
106	LAM NIKHIL
107	B PRUDHVIKANTH
108	SHAIK RAZAK
109	PITTALA SAI PAVAN
110	CHAMAKURI SRINIVAS
111	KALIVARAPU SUNIL
112	GOVADA TARUN VARDHAN
113	KUNCHALA TIRUMALA SAI


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	114	BATTU VIJAYA RATNA RAJU	
	115	CHILLAPALLI POOJA KOTESWARI	
	116	CHANDAMALA SHINY	
	117	VALLURUPALLI ESWAR KUMAR	
	118	SARAVAKOTA SRAVAN KUMAR	
	119	V RAJA	

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'Applications of MATLAB in ECE' was conducted for 2nd year ECE students from 17-09-2019 To 21-09-2019. The program aimed at imparting the basics of MATLAB Programming, Simulink and Signal & Image processing applications.


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 VIJAYAWADA-520 013

	Differential Equations (1st & 2nd order)
	Transforms (Fourier, Laplace, etc)
	Ordinary Differential equations
	Examples of few ODEs

Department: ECE

Academic Year: 2019-2020

Name of the Program : Applications of Matlab in ECE

List of Students Enrolled / Completed: 119

SNO	STUDENT NAME
1	PALAVAYI ANJALI
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7	NALLAMOTHU KAVYA
8	TIRUMALASETTY KEERTHI
9	KAKARAPARTHI KIRAN ARSHITHA
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11	DONDETI MARY SUPRIYA
12	SANISETTY MOUNIKA
13	ANGADALA NAGA KUMARI
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15	NITHYA SREE RANJAN KALINTHA
16	KANDHIMALLA PRATHYUSHA REDDY
17	TAMMU PUJITHA

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VIJAYAWADA-520 008

18	KORUKONDA RADHIKA	K. Radhika
19	MOHAMMAD RESHMA	M. Reshma
20	BANDARU RUPA	B. Rupa
21	RAJARAPU SAHITHI	R. Sahithi
22	LOYA SOWMYA	L. Sowmya
23	GOVVALA SRILEKHA	G. Srilekha
24	KATRAGADA SRUTHI	K. Sruthi
25	KANAMARLA SWATHI SWARUPA	K. Swathi Swarupa
26	MAREEDU SWETHAPRIYA	M. Swetha
27	KOLLU UJWALA	K. Ujala
28	KODALI VARSHA	K. Varsha
29	INTI VIMALA REGINA	I. Vimala Regina
30	MUNIVELU VINEETHA	M. Vineetha
31	GURRAM YAMINI	G. Yamini
32	CHIGURUPATI ABHINAV KUMAR	Ch. Abhinav
33	SHAIK AKBAR NAGA BHASHA	S. Akbar
34	RAJULAPATI ANIL	R. Anil
35	SUDHANI CHANDRA BHANU	S. Chandrabhanu
36	KANITHI CHANDRA MAHESH	K. Mahesh
37	GAGAN GUDAPATI	G. Gudapati
38	KORIPALLI HARISH	K. Harish
39	POTLURI KARTHIK RAM	P. Kartik
40	MOTHUKURI KRANTHI KIRAN	M. Krantikiran
41	MADASU LOKESH PRABHU KUMAR	M. L. P. Kumar


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44	NELLURU NEVIL	N. Nevil
45	KODURU PVENKATA PRASAD	K.P. Prasad
46	NUKALA PREM KRISHNA NAIDU	N.P.K. Naidu
47	ADIMULAPU RUTHVIK	A. Ruthvik
48	CHINNAM SAMUEL RITCHIE	Ch. Samuel Ritchie
49	GARIKIPATI SATYA PRASAD	G. Satya Prasad
50	MANDAVA V NAGA SAI ROHITH	M.V. Naga Sai Rohith
51	SAREDDU VENKATESH	V. Venkatesh
52	SAMILETI PRABHU	S. Prabhu
53	REKAPALLI DEVI SRI	R. Devi
54	CHINNI SRAVANI	Ch. Sravani
55	ABDUL TANVEERTAZAIN	Abdul Tanveer
56	GUGLOTHU TULASI	G. Tulasi
57	KATRAM SAI HARSHA VARDHAN	K. Sai Harsha
58	YEMINEDI SESHU BABU	Y. Seshu Babu
59	CHODISETTY DHEERAJ	Ch. Deeraj
60	P VISWA TEJA	P. Viswa
61	VULASA BHAVANI PRIYA	V.B. Priya
62	NUTHI BHUVANESWARI	N. Bhuvaneshwari
63	K CHANDANA SRAVANI	K. Chandana Sravani
64	CH DARSINI RAM	Ch. Darsini Ram
65	BENEN DEEPIKA	B. Deepika

66	CHINNI DIVYA	Ch. Divya
67	VULLAMPARTHI DIVYA	V. Divya
68	J GUNA KEERTHANA	J. Guna keethana
69	SK HENNA JASMINE	SK. Henna
70	KAVYA PRANATHI BATTU	B. Kavya
71	ARIKATLA MADHURI	A. Maduri
72	AREPALLI MANASA	A. Manasa
73	MANKENA MARY PRABHA	M. Mary prabha
74	PERIKALA MOUNIKA	P. Mounika
75	TUMMA NAGA SRI SARVANI	T. Naga Sri Sarvani
76	CHIGURUPATI NANDINI	Ch. Nandini
77	MANDEPUDI NAVYA	M. Navya
78	NARAM PRAVEENA	N. Praveena
79	CHILLA RAJESWARI	Ch. Rajeswari
80	SIDDAMREDDY RAVALI	S. Raval
81	P ROSHINI SREE	P. Roshini Sree
82	PILLI SADHVIKA REDDY	P. Sadhvikareddy
83	ANAGANI SAI DEEPTHI	A. Sai Deepthi
84	SUDDAPALLI SAI PRIYA	S. Sai Priya
85	SAI RUCHITHA MAKANI	M. Sai Ruchitha
86	BETALA SUKANYA	B. Sukanya
87	KONIKI SWATHI	K. Swathi
88	EERLA TEJASRI	E. Tejasri
89	S V K L N SUSHMA	SVKLN Sushma


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90	GARLAPATI V GAYATHRI	G. Gayathri
91	GIDDALURU BHANU TEJA	G. Bhanu Teja
92	K C V VAIBHAV	KCV Vaibhav
93	K CHARAN NAGA SAI	K. Charan Naga Sai
94	G CHARAN TEJA	G. Charan Teja
95	JAKKI DIMPU SAGAR	J. Dimpu Sagar
96	S D VINAY KUMAR	S.D. Vinay Kumar
97	P D S KUMAR	P.D.S. Kumar
98	AKULA D SAI CHANDU	A. D. Sai Chandu
99	MIDDE GEETHABHIRAM	M. Geetha Bhiram
100	P GOAVARDHAN	P. Govardhan
101	TANNEERU HARISH	T. Harish
102	MOHAMMAD IMRAN	M. Imran
103	JANJANAM JITENDRA	J. Jananam Jitendra
104	MULE MADHAVA	M. Madhava
105	GAYAM NAGENDRA	G. Nagendra
106	LAM NIKHIL	L. Nikhil
107	B PRUDHVIKANTH	B. Prudhvikanth
108	SHAIK RAZAK	S. Razak
109	PITTALA SAI PAVAN	P. Sai Pavan
110	CHAMAKURI SRINIVAS	C. Srinivas
111	KALIVARAPU SUNIL	K. Sunil
112	GOVADA TARUN VARDHAN	G. Tarun Vardhan
113	KUNCHALA TIRUMALA SAI	K. Tirumala Sai


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114	BATTU VIJAYA RATNA RAJU	B.V.R. Raja
115	CHILLAPALLI POOJA KOTESWARI	Ch. Pooja Koteswari
116	CHANDAMALA SHINY	Ch. Shiny
117	VALLURUPALLI ESWAR KUMAR	V. Eswar Kumar
118	SARAVAKOTA SRAVAN KUMAR	S.R.K.
119	V RAJA	V.R.

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'Applications of MATLAB in ECE' was conducted for 2nd year ECE students from **17-09-2019 To 21-09-2019**. The program aimed at imparting the basics of MATLAB Programming, Simulink and Signal & Image processing applications.


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

VIJAYAWADA - 520 008

FACULTY NAME: G. Roopa Krishna Chandra BRANCH: ECE

BRANCH: ECE

ACADEMIC YEAR: 2019-20

SUBJECT: Applications of Matrix

HOUR TAKEN			In CE															
MONTH & DATE																		
SIGNATURE																		
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	
1	184	Palaury Anjali	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	402	Pamathi Anusha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	403	Tekideekshitha Sowjanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
4	404	Buddavarapu Gayathri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
5	405	Veemavalli Harshitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
6	406	Nunna Jhanavi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
7	407	Nallamathu Kavya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
8	408	Tirumalasetty Kizhithi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
9	409	Kakavaparthi Kiran Arshitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
10	410	Kaki Krupavathi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
11	411	Dandeti Mani Supriya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
12	412	Sonisetty Monnika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
13	413	Angadala Naga Kumari	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
14	414	Pattam Nilantha Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
15	415	Nithya Sree Ranjan Kalanthi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
16	416	Kandhimalla Prathyusha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
17	417	Tammu Pujitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
18	418	Kovvuranda Adhika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
19	419	Pahamamad Trishna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
20	420	Bandaru Rupa	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
21	421	Rajavapu Sahithi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
22	422	Laya Sowmya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
23	423	Gavula Sitelkha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
24	424	Katragada Swathi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
25	425	Kanamarla Swathi Sowmya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
26	426	Mareedu Swathi Priya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
27	427	Kallu Ujwala	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
28	428	Kodali Varsha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
29	429	Tadi Vinayala Regina	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
30	430	Muniavelu Vineetha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
31	431	Gurram Yamini	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
32	432	Chigurupati Abhinav Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
33	433	Sk. Akbar Naga Bhasha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
34	434	Tajulapathi Anil	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
35	435	Sudhakar Chandra Bharyu	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
36	436	Kanthi Chandra Mphesh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
37	437	Gagan Gudapati	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
38	438	Koripalli Harish	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

HOD SIGNATURE

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30														
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WOD SIGNATURE

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VI

ACADEMIC YEAR: 2019-20

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: G. Roopa Krishna Chandra
ACADEMIC YEAR: 2019-20

BRANCH: ECE
SUBJECT: Applications of MATLAB in ECE

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MONTH & DATE		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SIGNATURE																
S.NO.	REG. NO.	STUDENT NAME														
39	441	Patiluri Karthik Ram														
40	442	Mothukuri Krunal Kiran														
41	444	Madala Lalitha Prabhu Kumar														
42	445	Chilakalapudi Rishana Krishna														
43	446	Kasukurthi Navaneeth														
44	447	Nelluru Neel														
45	448	Kaduru Poorna Venkata Sai														
46	451	Nukala Pram Krishna Nithin														
47	452	Animulapudi Rethvik														
48	455	Chinnam Samuel Ratchin														
49	456	Garikipati Satya Prasad														
50	458	Madala Venkata Raghavirathin														
51	459	Sareddy Venkatesh														
52	460	Samileti Prabhu														
53	194100001	Trekupalli Devi Sri														
54	402	Chinni Sravani														
55	403	Abdul Tanveer Zain														
56	404	Guglathu Tulasi														
57	405	Katriam Sai Hantha Vardha														
58	406	Vemineri Sesha Babu														
59	164100004	Chodisetty Dhruvi														
60	174100004	Reddipreddi Vinay Teja														
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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: G. Roopa kumari
ACADEMIC YEAR: 2019-20

[illegible]

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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: G. Deepa Krishna chandru BRANCH: ECE
ACADEMIC YEAR: 2019-20 SUBJECT: Application of statistics in ECE

HOD SIGNATURE

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VIJAYAWADA-520 008

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VIJ.

ACADEMIC YEAR: 2019-20

[illegible]

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

SUBJECT: Applications of
MATLAB in Ec

HOUR TAKEN																																
MONTH & DATE																																
SIGNATURE																																
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39	154	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40	155	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
41	156	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
42	157	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
43	158	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
44	159	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
45	160	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
46	161	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
47	162	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
48	163	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
49	164	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
50	165	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
51	166	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
52	167	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
53	168	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
54	169	SHRINATH MURUGAN	1	2	3	4	5	6	7	8	9	10	11	12	13																	

MOD SIGNATURE

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: G. Rupa kumari
ACADEMIC YEAR: 2019-20

MONTH & DATE

SIGNATURE

[illegible]

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

SAMPLE CERTIFICATE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada. an ISO 9001:2008
Certified Institution, ALC Campus, I.T.I Road, Vijayawada-520008



Dr. A P J ABDUL KALAM RESEARCH FORUM



Department of Electronics & Communication Engineering

Certificate of Course Completion

This is to certify that Mr./Ms. **CHODISETTY DHEERAJ** of **IETE** bearing Roll No. **16HPIA0436** has participated in a Five day Certificate Course on **"MATLAB and its Applications in ECE"** held at Andhra Loyola Institute of Engineering and Technology, Vijayawada from **17-09-2019** to **21-09-2019** under the Signal Processing Research Group in association with IETE student Forum.

Coordinator

Head of the Department

Principal

PRINCIPAL

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada. an ISO 9001:2008
Certified Institution, ALC Campus, I.T.I Road, Vijayawada-520008



Dr. A P J ABDUL KALAM RESEARCH FORUM



Department of Electronics & Communication Engineering

Certificate of Course Completion

This is to certify that Mr./Ms. NELLURU NEVIL of II ECE bearing Roll No. 18HP1A0447 has participated in a Five day Certificate Course on "MATLAB and its Applications in ECE" held at Andhra Loyola Institute of Engineering and Technology, Vijayawada from 17-09-2019 to 21-09-2019 under the Signal Processing Research Group in association with IETE student Forum.

Coordinator

Head of the Department

Principal


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008

PROOFS FOR THE CERTIFICATION COURSE PROGRAM
-2019-20 III CSE

WEB DEVELOPMENT WITH PYTHON



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

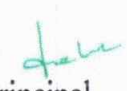
Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 10-08-2020

The department of CSE is organising a certificate course on **Web development with Python**. In this regard we have drafted a notice to invite names of participants from the classes on certificate course which will commence from 28-08-2020 to 31-08-2020. Kindly, avail this great opportunity to increase your knowledge on Web development with Python.


HoD


Principal

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.



**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS**

Date: 20/8/2019

MINUTES OF MEETING

The meeting was conducted in the department of CSE. The agenda of the meeting was to discuss about the Certification Course named as Web Development with python and student active participation. Resolved to conduct the following course web Development with python

SNO	Name of the Faculty	Designation	Signature
1.	DR. A. SAINIVARDA RAO	PROFESSOR	[Signature]
2.	Razeena	Asst. prof	[Signature]
3.	A. Koteswara Rao	Asst. prof	[Signature]
4.	L.V. Ramesh	Assoc. Prof	[Signature]
5.	K. Venkateswara Rao	Asst. prof	[Signature]
6.	M. Mohana Deepthi	Asst. prof	[Signature]
7.	K. Jagannathan Rao	Asst. prof	[Signature]
8.	Dr. Ch. Raghavender	Assoc. Prof	[Signature]
9.	Mrs. Suseetha K.	Asst. prof	[Signature]
10.	B. S. Vish	Assistant professor	[Signature]
11.	K. S. R. Krishna	Asst. prof	[Signature]
12.	MD ARJHA SULTANA	Assistant Professor	[Signature]
13.	R. PADMAJA	Asst. Professor	[Signature]
14.	Y. S. Jesh	Asst. Professor	[Signature]
15.	K. Sire		



[Signature]
Signature of HOD

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VIJAYAWADA-520 008



Title of the Certification: Web Development with Python **Year / Sem :** III / I
Faculty Name: K. Siva Rama Krishna **Academic Year:** 2019-20

SYLLABUS

TOPIC NAME	SUB TOPICS
Flask Introduction	About Web Framework, Flask, About WSGI, Werkzeug, Jinja2 Templating System, Prerequisites For Flask Framework.
Flask Environment	About Virtual Environment, Installation Of Virtual Environment, Activating Virtual Environment.
Flask Application	Flask Modules Importing, Url Routing, Application Execution.
Variables	variable rules, How to pass values by using variables to the views in application based on type of variable int, float, str.
Url Building	About url_for() function, sample flask application using url_for().
Templates, Static Files	How to use html templates in flask application, About render_template, How to use css in flask application.
File Uploading	Uploading a file containing data using flask, Sending data from HTML file of server.
Message Flashing	Introduction about flash() sub package and how generate flash messages.
Email Sending using Flask	Introduction about flask_mail module, Sending a mail to the user by connecting to gmail server.
Flask - SQLAlchemy	Introduction object relational mapping and sqlalchemy module, Connecting to sqlite database using sqlalchemy module.
	Creating a database model using create_all() query, Inserting records from html form to database using add().
	Retrieving records from database using model.query.all() and filter_by queries, Updating records of database model, Deleting records using delete() query.
HTML forms	Explanation about HTML form tags, How to create login html form using form tags in HTML5.
Login Validation	Creating a HTML template with username and password fields, Extracting user data based on username given and performing validation by checking username and password from HTML template and database.
Sessions	Introduction about sessions, How sessions will work in flask framework, Applying sessions to login validation.


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Approved by AICTE, New Delhi and Affiliated to JNTUK-Kakinada

An ISO 9001 : 2015 Certified Institution

Department: CSE

Academic Year: 2019-20

Name of the Program : Web Development with Python

List of Students Enrolled / Completed: 121/121

Sno	Student Name
1	B.Amulya
2	N.Bala Keerthana
3	Kchaithra Lavanya
4	G.Charitha Sri
5	S.Divya
6	G.Gayatri
7	T.Geeta Sri
8	K.Gowthami
9	P.Harini
10	T.Jyothi
11	B.Kalyani
12	M.Keerthana
13	K.Keerthi Sai Sri
14	P.Khamurunnisa
15	V.K.S.Lahari
16	M.Manasa
17	R.Manisha
18	K.Meghana
19	V.Mounika
20	V.Naga Jyothi
21	B.N.S.Deepthi Sree
22	S.N.S.S.Venkata Lakshmi
23	K.Navya
24	M.Prathyusha
25	B.Preethi
26	Y.Rajeswari
27	Ch.Ramya Sri
28	R.S.Anusha Priyanka
29	K.S.Bhuvana Priya
30	P.Sai Divya
31	Ch.Sai Priya
32	K.Sangeetha
33	Y.Saranya Bala
34	K.Sri Sahithi


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35	K.Sugunitha
36	E.Supriya
37	M.Teja Sri
38	Ch.Teja Sri
39	V.Triveni
40	T.Varshita
41	K.Venkata Durga Hanisha
42	P.Anil
43	Sk.Ashraf Ali
44	P.Beracah
45	M.Gopi
46	G.Jagadeesh
47	R.J.V.Siddhartha
48	Sk.Nagul Baji
49	P.Rakesh
50	M.Sai Venkata Manoj
51	M.Sandeep
52	D.S.Varada Rajan
53	G.V.S Pavan Mallik
54	A.V.Siva Reddy
55	S.Yogananda Datta
56	U.Akhila
57	M.Alekhyia
58	T.Amrutha
59	Ch.Amulya
60	J.Angel Pearl Veronica
61	Y.B.M.Vineela
62	M.Hema Sri
63	G.J.S.S.Nikitha
64	L.Jyothi
65	K.J.Vijaya Lakshmi
66	B.Lavanya Srija
67	G.Mary Nikitha
68	Md.Neelofer
69	N.Nikhila
70	S.Poojitha
71	S.Prasanna Durga
72	Sk.Rafath Anjum
73	K.Rama Devi


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74	K.Rani
75	A.Sahera Begum
76	B.Sai Jahnvi
77	B.S.R.Shaanmmukhii
78	M.Sanjana
79	K.Sarvani
80	Sk.Shahnoor Begum
81	L.Siva Kumari
82	M.Sri Vidhya
83	G.S.L.Sai Lakshmi
84	R.Srilekha
85	S.Teja Sri
86	L.Thanusha
87	B.Thirupathamma
88	P.Usha
89	N.Varsha
90	S.V.Sumitra
91	S.Vujwala Latha
92	G.Ajay Kumar
93	S.Anand
94	T.Aravind
95	J.Bhuvaneswar
96	B.Bosu Ram
97	V.Brahma Naidu
98	K.G.Jaya Preshanth
99	P.Hemanth Kumar
100	Ch.Jagadeesh
101	K.Manideep Kumar
102	Sk.Mastan Shareef
103	M.Praveen Kumar
104	M.Rama Rao
105	P.Sai Kiran
106	T.Venkatesh
107	K.Vivek
108	G.Yoganand
109	M.Harika
110	Sk.Kamarunnisa
111	S.Krishna Sri
112	N.Sony


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113	A.Tulasi
114	T.Antony Showry
115	M.Gowtham
116	K.Meghana Durga Sai Sri
117	D.Neelima
118	I.Sunananda
119	K.Bhargav
120	P.Gowri Shankar
121	P.Joseph Pavan Kumar

Assessment Procedures

➤ Via-Voice

Report Of Certification Course

An extensive certification course on 'Web Development with Python' was conducted for 3rd year CSE students from 26-8-2019 to 31-08-2019 and 04-09-2019 To 12-09-2019. The program aimed at imparting the basics of Web Development with Python to develop Web Application to the students.



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FACULTY NAME: K. Siva Rama Krishna
ACADEMIC YEAR: 2019-2020

SUBJECT: Web Development
using Python

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VIJAYAWADA-520 008

Department: CSE

Academic Year: 2019-20

Name of the Program : Web Development with Python

List of Students Enrolled / Completed: 121/121

Sno	Student Name	
1	B Amulya - Amulya	
2	N.Bala Keerthana	Keerthana
3	Kchaithra Lavanya lavanya	
4	G.Charitha Sri	Charitha
5	S.Divya	Divya
6	G.Gayatri Gayatri	
7	T.Gecta Sri	Geetha Sri
8	K.Gowthami	Gowthami
9	P.Harini - Harini	
10	T.Jyothi	Jyothi
11	B.Kalyani kalyani	
12	M.Keerthana	Keerthana
13	K.Keerthi Sai Sri	Keerthi Sai Sri
14	P.Khamurunnisa	Kamrunisa
15	V.K.S.Lahari	Lahari
16	M.Manasa Manasa	
17	R.Manisha	Manasa
18	K.Meghana	Meghana
19	V.Mounika	Mounika
20	V.Naga Jyothi	Jyothi
21	B.N.S.Deepthi Sree	Deepthi Sree
22	S.N.S.S.Venkata Lakshmi	Lakshmi
23	K.Navya	Navya
24	M.Prathyusha	Prathyusha
25	B.Preethi	Preethi
26	Y.Rajeswari	Rajeswari
27	Ch.Ramya Sri	Sri
28	R.S.Anusha Priyanka	Priyanka
29	K.S.Bhuvana Priya	Priya
30	P.Sai Divya	Divya
31	Ch.Sai Priya	Priya
32	K.Sangeetha	Sangeetha
33	Y.Saranya Bala	Bala
34	K.Sri Sahithi	Sahithi


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35	K Sugunitha	Sugunitha
36	E Supriya	Supriya
37	M Teja Sri	Teja Sri
38	Ch Teja Sri	Teja Sri
39	V Triveni	Triveni
40	T Varshita	Varshita
41	K Venkata Durga Hanisha	Hanisha
42	P Anil	Anil
43	Sk Ashraf Ali	Ashraf
44	P Beracah	Beracah
45	M Gopi	Gopi
46	G Jagadeesh	Jagadeesh
47	R J V Siddhartha	Siddhartha
48	Sk Nagul Baji	Baji
49	P Rakesh	Rakesh
50	M Sai Venkata Manoj	Manoj
51	M Sandeep	Sandeep
52	D S Varada Rajan	Rajan
53	G V S Pavan Mallik	Reddy
54	A V Siva Reddy	Siva
55	S Yogananda Datta	Yogananda
56	U Akhila	Akhila
57	M Alekhya	Alekhya
58	T Amrutha	Amrutha
59	Ch Amulya	Amulya
60	J Angel Pearl Veronica	Veronica
61	Y B M Vincela	Vincela
62	M Hema Sri	Hema Sri
63	G J S S Nikitha	Nikitha
64	L Jyothi	Jyothi
65	K J Vijaya Lakshmi	Lakshmi
66	B Lavanya Srija	Srija
67	G Mary Nikitha	Nikitha
68	Md Neclofer	Neclofer
69	N Nikhila	Nikhila
70	S Poojitha	Poojitha
71	S Prasanna Durga	Durga
72	Sk Rafath Anjum	Anjum
73	K Rama Devi	Devi

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VIJAYAWADA-520 008

74	K Rani	Rani
75	A.Sahera Begum	Sahera Begum
76	B.Sai Jahnvi	Jahnvi
77	B.S.R. Shaanmmukhi	Shaanmmukhi
78	M.Sanjana	Sanjana
79	K.Sarvani	Sarvani
80	Sk.Shahnoor Begum	Shahnoor Begum
81	L.Siva Kumari	Siva Kumari
82	M.Sri Vidhya	Vidhya
83	G.S.L.Sai Lakshmi	Sailakshmi
84	R.Srilekha	Srilekha
85	S.Teja Sri	Teja Sri
86	L.Thanusha	Thanusha
87	B.Thirupathamma	Thirupathamma
88	P.Usha	Usha
89	N.Varsha	Varsha
90	S.V.Sumitra	Sumitra
91	S.Vujwala Latha	S. Latha
92	G.Ajay Kumar	Ajay Kumar
93	S.Anand	Anand
94	T.Aravind	Aravind
95	J.Bhuvaneswar	Bhuvaneswar
96	B.Bosu Ram	Bosu Ram
97	V.Brahma Naidu	Brahma
98	K.G.Jaya Preshanth	K.G. Jaya
99	P.Hemanth Kumar	Hemanth Kumar
100	Ch.Jagadeesh	Jagadeesh
101	K.Manideep Kumar	Manideep
102	Sk.Mastan Shareef	Sk. Mastan
103	M.Praveen Kumar	Praveen Kumar
104	M.Rama Rao	RAMA RAO
105	P.Sai Kiran	Saikiran
106	T.Venkatesh	Saikiran
107	K.Vivek	Vivek
108	G.Yoganand	Yoganand
109	M.Harika	Harika
110	Sk.Kamarunnisa	Kamarunnisa
111	S.Krishna Sri	Krishna Sri
112	N.Sony	Sony

113	A Tulasi
114	I. Antony Showers
115	M Gowtham
116	K Meghana Durga Sar Sri
117	D Neelima
118	I Sunamanda
119	K Bhargav
120	P.Gowri Shankar
121	P.Joseph Pavan Kumar

Tulasi
 Antony Showers
 Gowtham
 Meghana Durga Sar Sri
 Neelima
 Sunamanda
 Bhargav
 Gowri
 Pavan Kumar

Assessment Procedures

➤ Via-Voice

Report Of Certification Course

An extensive certification course on 'Web Development with Python' was conducted for 3rd year CSE students from 26-8-2019 to 31-08-2019 and 04-09-2019 To 12-09-2019. The program aimed at imparting the basics of Web Development with Python to develop Web Application to the students.

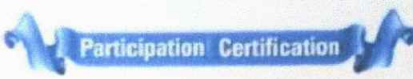


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SAMPLE CERTIFICATE

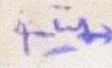
 **Andhra Pradesh State Skill Development Corporation (APSSDC)**
(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh) 

Regd Id: 18HP5A0509

 **Participation Certification** 

This is to certify that Mr./Ms./Mrs. Devadi Neelima
of Andhra Loyola Institute of Engineering and Technology
participated in Web Development With Python
held from 04-09-2019 to 12-09-2019


MO & CEO- APSSDC
(Dr. Srikanth Anja, IRTS)


(Principal)


(Head of Department)


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

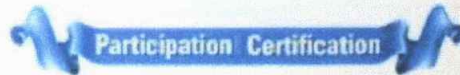


Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Regd Id: 18HI15A0507



This is to certify that Mr./Ms./Mrs. Meesala Gowtham
of Andhra Loyola Institute of Engineering and Technology
participated in Web Development With Python
held from 26-08-2019 to 31-08-2019


MD & CEO- APSSDC
(Dr. Srikanth Arja, IRTS)


(Principal)


(Head of Department)


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE:27-2-2020

We are glad to inform you that Andhra Loyola Institute of Engineering and Technology will host a certificate course for students in the Dept of CSE on **Database Programming with PL/SQL** from 20-03-2020 to 28-05-2020. We assure that the course will be extremely valuable to the students those who are going to take part.


HOD


Principal

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

Proofs for the Certification Course Program -2019-20 IV CSE

DATABASE DESIGN AND PROGRAMMING WITH SQL

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS**

Date: 7/2/2020

MINUTES OF MEETING

The meeting was conducted in the department of CSE. The agenda of the meeting was to discuss about the Certification Course named as Database Programming with SQL and student active participation. Resolved to conduct the following course Database Programming with SQL.

SNO	Name of the Faculty	Designation	Signature
1	K. Venkateswara Rao	Asst. prof	<i>[Signature]</i>
2	DR. A. Srinivasa Rao	Professor	<i>[Signature]</i>
3	Dr. Chalapuduru	Asst. Prof	<i>[Signature]</i>
4	D. Chalapuduru	Asst. prof	<i>[Signature]</i>
5	A. K. Srinivasa Rao	Asst. prof	<i>[Signature]</i>
6	L. V. Ramesh	Asst. prof	<i>[Signature]</i>
7	K. Abhishek Rao	Assistant prof	<i>[Signature]</i>
8	M. Mohana Deepthi	Asst. prof	<i>[Signature]</i>
9	MD. ARSHA SULTANA	Asst. Prof	<i>[Signature]</i>
10	D.M. PRASUNA	Assoc. Professor	<i>[Signature]</i>
11	B.V. Sathish Babu	Assistant professor	<i>[Signature]</i>
12	Razeena	Asst. prof	<i>[Signature]</i>
13	T. Rishi	Asst. prof	<i>[Signature]</i>
14	KSRK Rama	Asst. Prof	<i>[Signature]</i>
15	T. V. Suresh Chari	Asst. Prof	<i>[Signature]</i>
16	K. Sireesha	Asst. Prof	<i>[Signature]</i>
17	P. PADMATA	Asst. Prof	<i>[Signature]</i>



[Signature]
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
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VIJAYAWADA-520 008

[Signature]
Signature of HOD



Title of the Certification: Database Design and Programming with SQL **Year:** IV
Faculty Name: Y. Rajesh, K. Nageswara Rao **Academic Year:** 2019-20

SYLLABUS

UNIT-1: Introduction, Entities and Attributes

UNIT-2: Relationship Basics, Super/Sub Types and Business Rules, Relationship Fundamentals

UNIT-3: UIDs and Normalization, Arcs, Hierarchies, and Recursive Modeling, Changes and Historical Modeling

UNIT-4: Mapping, Creating Database Projects, Presenting Database Projects

UNIT-5: SELECT and WHERE, WHERE, ORDER BY, and Intro to Functions

UNIT-6: Single Row Functions Part I, Single Row Functions Part II

UNIT-7: JOINS Part I, JOINS Part II

UNIT-8: Group Functions Part I, Group Functions Part II, Sub queries

UNIT-9: Ensuring Quality Queries Part I, DML, DDL, Constraints

UNIT-10: Views, Sequences and Synonyms, Privileges and Regular Expressions, TCL, Final Project And Exam Review, Ensuring Quality Queries Part II


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An ISO 9001 : 2015 Certified Institution

Department: CSE

Academic Year: 2019-20

Name of the Program : Database Design and Programming with SQL

List of Students Enrolled / Completed: 32/32

SNO	STUDENT NAME
1	K.ACSAH
2	B.BHAVANA SIRI
3	CH.CHAMUNDESWARI
4	P.DAKSHAYANI
5	O.KRUPA PRASANNA
6	MUNEERA SULTANA
7	B.PRANEETHA
8	PREETHI JULIAN STANLEY
9	PREMA JYOTHI
10	BANKA DHRAHAS
11	KASTHALA DHEERAJ
12	B.PAVAN CHAITANYA
13	M.SAI SESHANK
14	SHAIK FARHEEN SULTANA
15	MAMILLA GAYATHRI
16	KOSURI MOUNI
17	PALISSETTY NAVEENA
18	MATLAPUDI PRIYANKA
19	NANDAM SIRISHA
20	NAVYA REDDY GOTTAM
21	NAGOTHU BALA NIRANJAN
22	PARAMATMUNI DEVA SAI SRIKANTH
23	HARSHA PREETHAM PUKKALLA
24	JAPNISH SINGH KOHU
25	POTLACHERUVU NARENDRA SAI
26	KANURI NIKHIL SAI
27	YADAVILLI SANATH KUMAR
28	ADDAKATTU VENKATA GURUNADHA NITISH
29	C.VENKATA PHANI KISHORE
30	T.MOUNIKA LAKSHMI SAI
31	GADAPA MOHANA SAIVAMSI
32	PUVVALA VENKATA NAGA ADITHYA SAI

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on 'Database Design and Programming with SQL' was conducted for 4th year CSE students from 14-03-2020 To 28-05-2020. The program aimed at imparting the basics of Designing ER-Diagrams and Programming with SQL to the students and also some of the advanced concepts which are not there in the curriculum. The certified instructor from the Oracle Academy trained the students.

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VIJAYAWADA-520 008



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME: K. Nageswara Rao
ACADEMIC YEAR: 2019-2020

BRANCH: CSE
SUBJECT: Database

Programming with SQL

HOUR TAKEN			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MONTH & DATE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	16HPIA0501	K. Anshu	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2	16HPIA0502	B. Bhavana Sai	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
3	16HPIA0503	Ch. Chamundeswari	1	2	3	4	A	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
4	16HPIA0504	P. Dakshayani	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
5	16HPIA0512	D. Krupa Prasanna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6	16HPIA0513	Muneera Sulthana	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
7	16HPIA0514	P. Praneetha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8	16HPIA0515	Preethi Julian Stanley	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	16HPIA0517	Prema Jyothi	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10	16HPIA0533	Banka Dheeraj	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
11	16HPIA0534	Kasthala Dheeraj	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
12	16HPIA0535	B. Pavan Chaitanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
13	16HPIA0552	M. Sai Seshant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	16HPIA0558	S. Fairheen Sulthana	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
15	16HPIA0559	Mandilla Gayathri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	16HPIA0573	Kosuri Mouni	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
17	16HPIA0580	Palisetty Naveena	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28
18	16HPIA0581	Matlapudi Priyanka	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
19	16HPIA0587	Nandam Srishta	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27	28	29
20	16HPIA0590	Nagibala Bala Nisanjan	1	A	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27
21	16HPIA0583	Naraya Reddy Gottam	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
22	16HPIA0582	Paramatmani Sai Srikanta	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	A	27
23	16HPIA0597	Harsha preetham Puthala	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24	16HPIA0598	Tapish Singh Kobil	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
25	16HPIA0595	Pattharajuni Narendra Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
26	16HPIA0596	Karuri Nikhil Sai	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	A	21	22	23	24	25	26	27
27	16HPIA0584	Yadavalli Sarath Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28	16HPIA0585	Adalakatti Venkata Gurusundara Rao	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
29	16HPIA0588	C. Venkata Phani Kishore	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	16HPIA0591	T. Manjitha Lakshmi Sai	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	A	16	17	18	19	20	21	A	22	23	24	25	26	27
31	16HPIA0508	Madhava Mahara Sai Varasi	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	A
32	16HPIA0509	Puvvula Venkata Jaggaiah	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
33																																
34																																
35																																
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HOD SIGNATURE

HOD SIGNATURE

FACULTY NAME: K. Nageswara
ACADEMIC YEAR: 2019-2020

SIGNATURE

[illegible]

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SAMPLE CERTIFICATE

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PUVVALA VENKATA NAGA ADITHYA SAI

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Design and Programming with SQL

FINAL EXAM

28/5/2020



Oracle Academy Instructor



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B.PRANEETHA

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Database Design and Programming with SQL

FINAL EXAM

28/5/2020

J. Praneetha

Oracle Academy Instructor

J. Praneetha
PRINCIPAL
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VIJAYAWADA-520 008



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VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE:27-2-2020

We are glad to inform you that Andhra Loyola Institute of Engineering and Technology will host a certificate course for students in the Dept of CSE on **Database Programming with PL/SQL** from 20-03-2020 to 28-05-2020. We assure that the course will be extremely valuable to the students those who are going to take part.


HOD


Principal

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VIJAYAWADA-520008.

Proofs for the Certification Course Program -2019-20 IV CSE

DATABASING PROGRAMMING WITH PL/SQL

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS

Date: 7/2/2020

MINUTES OF MEETING

The meeting was conducted in the department of CSE. The agenda of the meeting was to discuss about the Certification Course named as Database Programming with PL/SQL and student active participation. Resolved to conduct the following course Database programming with PL/SQL.

SNO	Name of the Faculty	Designation	Signature
1	K. S. R. Krishna	Assoc. Prof.	
2	A. Koteswara Rao	Assoc. Prof.	
3	K. Nageswara Rao	Asst. Prof.	
4	DR. A. Srinivasa Rao	Professor	
5	K. Venkateswara Rao	Asst. Prof.	
6	L. V. Ramesh	Associate Prof.	
7	P.M. PRASAD	Assoc. Professor	
8	T. NISHITHA PARV	Asst. Prof.	
9	M. Mohana Reddy	Asst. Prof.	
10	B. V. Subash Babu	Assistant Prof.	
11	MD. ARSHA SUZANA	Asst. Professor	
12	Razeena	Asst. Prof.	
13	Y. Rishi	Asst. Prof.	
14	K. Sireesha	Asst. Prof.	
15	R. PADMAJA	Asst. Professor	
16	D. Rhasadwala	Asst. Prof.	
17	Dr. Ch. Raghunath	HOD & Assoc. Prof.	



Signature of HOD

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VIJAYAWADA-520 008



Title of the Certification: Data Base Programming With PL/Sql **Year:** IV
Faculty Name: Y. Rajesh, K. Nageswara Rao **Academic Year:** 2019-20

SYLLABUS

UNIT -1: Fundamentals, Defining Variables and Data types, Using SQL in PL/SQL.
UNIT-2: Program Structures to Control Execution flow, Using Composite Data Types, Using Cursors and parameters.
UNIT-3: Exception Handling, Using and Managing Procedures, Functions
UNIT-4: Using and Managing Packages, Getting out the best out of Packages, Improving PL/SQL Performance
UNIT-5: Using and Managing Triggers, Recognizing and managing Dependencies, Using the PL/SQL Compiler.


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: Y. Rajesh, K. Nageswara Rao
ACADEMIC YEAR: 2019-20.

BRANCH: C.S.E.

SUBJECT: Data Base Programming
With PL/SQL

HOUR TAKEN		MONTH & DATE		SIGNATURE																															
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
1	16HP1A0501	K. ACSAN	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
2	16HP1A0503	B. Bhavana Siri	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27	28			
3	16HP1A0505	CH. Chamundeswari	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
4	16HP1A0507	P. Dakshayani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	A	18	19	20	21	22	23	24	25	26	27	28				
5	16HP1A0512	D. Krupa Prasanna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	28	29			
6	16HP1A0513	Muneera Sulthana	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
7	16HP1A0514	B. Praneetha	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
8	16HP1A0515	Breethi Julian Stanley	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	A	A	20	21	22	23	24	25	26	27			
9	16HP1A0517	Prema Tyothi	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	A	22	23	24	25	26	27	28			
10	16HP1A0528	Banka Dhrubaj	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
11	16HP1A0541	Kasthala Dheeraj	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
12	16HP1A0545	B. Pavan Chaitanya	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	27	28			
13	16HP1A0552	M. Sai Reshank	1	2	3	4	5	A	A	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26			
14	16HP1A0568	Sk. Farheen Sulthana	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
15	16HP1A0569	Mamilla Gayatri	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28			
16	16HP1A0578	Kosuri Manoj	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	A	16	A	17	18	19	20	21	22	23	24	25	26			
17	16HP1A0580	Palisetty Naveena	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
18	16HP1A0582	Matlapudi Priyanka	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
19	16HP1A0587	Nandam Sirisha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
20	16HP1A0588	Navya Reddy Gattam	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
21	16HP1A0592	Nagathu Bala Niranjan	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27	28			
22	16HP1A0593	Paramatmani Sai Srikanth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27	28	29			
23	16HP1A0597	Harsha Preetham Pukala	1	2	3	4	5	6	A	A	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
24	16HP1A0598	Japnish Singh Kabli	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
25	16HP1A0595	Potlacheruvu Narendra Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28	29			
26	16HP1A0596	Kanuri Nikhil Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	A	16	17	18	19	20	21	22	23	24	25	26	27	28			
27	16HP1A0593	Yadavalli Sanath Kumar	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28			
28	16HP1A0597	Andakattu Venkata Gurusudhan	1	2	3	4	A	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27			
29	16HP1A0598	C. Venkata Phadi Kishore	1	2	3	4	5	6	A	7	8	9	10	11	A	12	13	14	15	A	16	17	18	19	20	21	22	23	24	A	25	26			
30	16HP1A0591	T. Manojika Lakshmi Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	A	22	A	23	24	25	26	27	28			
31	16HP1A0598	Gadapa Mahana Sainamsi	1	2	3	4	5	A	6	7	8	A	9	A	10	11	12	13	14	15	A	16	17	18	19	A	20	21	22	23	24	25			
32	16HP1A0599	Puvula Venkata Naga Sai																																	
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HOD SIGNATURE

HOD SIGNATURE

FACULTY NAME: Y. Rajesh, L. Nag
ACADEMIC YEAR: 2019-20.

ACADEMIC YEAR: 2019-20

SIGNATURE

S.NO.	REG. NO.	STUDENT NAME
1	16HPIA0501	K. ACSAN
2	16HPIA0503	B. Bhavana Siri
3	16HPIA0505	CH. Chamundeswari
4	16HPIA0507	P. Dakshayani
5	16HPIA0512	D. Krupa Prasanna
6	16HPIA0513	Munasa Sulthana
7	16HPIA0514	B. Pranetha
8	16HPIA0516	Preeti Julian Star
9	16HPIA0517	Premia Tyatti
10	16HPIA0528	Barka Dhrubaz
11	16HPIA0541	Kasthala Dheeraj
12	16HPIA0545	B. Pavan Chaitan
13	16HPIA0552	M. Sai Reshank
14	16HPIA0568	Sk. Farheen Sulthana
15	16HPIA0569	Mamilla Gayatri
16	16HPIA0578	Kosuri Moumi
17	16HPIA0580	Palisetty Naveena
18	16HPIA0582	Matlapudi Priyanti
19	16HPIA0587	Nandam Sirisha
20	16HPIA0588	Navya Reddy Got
21	16HPIA0592	Nagathu Bala Nisar
22	16HPIA0593	Paramatamuni Sai Srit
23	16HPIA0597	Harsha Preetnam Pu
24	16HPIA0598	Japnish Singh Kai
25	16HPIA0505	Potlacheruvu Naren
26	16HPIA0506	Kanani Nikhil Sai
27	16HPIA0508	Yadavalli Sanath Ku
28	16HPIA0508	Addakattu Venkata Gryu Nit
29	16HPIA0508	C. Venkata Phani Kis
30	16HPIA0501	T. Maulika Lakshmi
1	16HPIA0508	Godape Mahana Sai
2	16HPIA0509	P. Vula Venkata Naga Sathya
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**Department: CSE****Academic Year: 2019-20****Name of the Program : Data Base Programming With Pl/Sql****List of Students Enrolled / Completed: 32/32**

SNO	STUDENT NAME
1	K.ACSAH
2	B.BHAVANA SIRI
3	CH.CHAMUNDESWARI
4	P.DAKSHAYANI
5	O.KRUPA PRASANNA
6	MUNEERA SULTANA
7	B.PRANEETHA
8	PREETHI JULIAN STANLEY
9	PREMA JYOTHI
10	BANKA DHRAHAS
11	KASTHALA DHEERAJ
12	B.PAVAN CHAITANYA
13	M.SAI SESHANK
14	SHAIK FARHEEN SULTHANA
15	MAMILLA GAYATHRI
16	KOSURI MOUNI
17	PALISETTY NAVEENA
18	MATLAPUDI PRIYANKA
19	NANDAM SIRISHA
20	NAVYA REDDY GOTTAM
21	NAGOTHU BALA NIRANJAN
22	PARAMATMUNI DEVA SAI SRIKANTH
23	HARSHA PREETHAM PUKKALLA
24	JAPNISH SINGH KOHLI
25	POTLACHERUVU NARENDRA SAI
26	KANURI NIKHIL SAI
27	YADAVILLI SANATH KUMAR
28	ADDAKATTU VENKATA GURUNADHA NITISH
29	C.VENKATA PHANI KISHORE
30	T.MOUNIKA LAKSHMI SAI
31	GADAPA MOHANA SAIVAMSI
32	PUVVALA VENKATA NAGA ADITHYA SAI

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on 'Database Programming with PL/SQL' was conducted for 4th Year CSE students from 20-03-2020 To 28-05-2020. The program aimed at imparting the basics of Pl/Sql using Oracle Database to the students and also some of the advanced concepts which are not there in the curriculum. The certified instructor from the Oracle Academy trained the students.

for
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CH.CHAMUNDESWARI

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Database Programming with PL/SQL

FINAL EXAM

28/5/2020

J. Prasad

Oracle Academy Instructor


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P.DAKSHAYANI

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Database Programming with PL/SQL

FINAL EXAM

28/5/2020



Oracle Academy Instructor



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**PROOFS FOR THE CERTIFICATION COURSE
PROGRAM -2019-20 III CSE**

VIRTUALIZATION USING VSPHERE



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

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(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 5-2-2020

This is to bring to your kind notice that the department of CSE is going to organise a certificate course on **Virtualisation using V sphere** for the students of CSE from 11-2-2020 to 7-03-2020. The course will be highly beneficial for you to advance in your career.


HOD


Principal

**PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

Date: 07/12/2020

The meeting was conducted in the department of CSE. The agenda of the meeting was to discuss about the Certificate Course named as Visualization using VSPHERE and student active participation. Resolved to conduct the following course Visualization using VSPHERE.

SNO	Name of the Faculty	Designation	Signature
1	Mrs. Dsr. H. Rajendra Babu	Associate Professor, A.T.D	
2	Mrs. L. V. Ramesh	Associate Professor	
3	Mrs. K. Siva Rama Krishna	Associate Professor	
4	Mrs. P. M. Prasanna	Associate Professor	
5	Mrs. K. Venkateswara Rao	Assistant Professor	
6	Mrs. Y. Rajesh	Assistant Professor	
7	Mrs. T. Kishore Babu	Assistant Professor	
8	Mrs. M. Mohana Deepthi	Assistant Professor	
9	Mrs. B. V. Satish Babu	Assistant Professor	
10	Mrs. A. Koteswara Rao	Assistant Professor	
11	Mrs. Rajeeva Begum Shaik	Assistant Professor	
12	Mrs. F. Nageswara Rao	Assistant Professor	
13	Mrs. K. Sireesha	Assistant Professor	
14	MD. Arshad Sultan	Assistant Professor	
15	Mrs. D. Bhaskarajya	Assistant Professor	

16 Mrs. B. Suneetha

Assistant Professor

17 R. Padmaja

Assistant Professor

Signature of HOD



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VIJAYAWADA-8

**Title of the Certification: Virtualization using VSphere****Year/ Sem: III / II****Faculty Name: B.V Satish****Academic Year: 2019-20****SYLLABUS**

Module	Concepts	Hours
1	Introduction to networking concepts	10
2	Lesson 1: • What is meant by virtualization, Datacenter • Benefits of virtualization • Different types of infrastructures Lesson 2: • Computer Systems and different types of computer systems • Compute virtualization Lesson 3: • Storage and connectivity Lesson 4: • Software Defined DataCenter	15
3	Lesson 1: • Define Virtualization • Compare the components and concepts of traditional architecture and virtual architecture • Need for Virtualization • Benefits of virtual architecture Lesson 2: Types of Hypervisors	15
	Lesson 3: • What is a Virtual Machine? • Types of Virtualization • Describe VMware Compute Virtualization: vSphere products and features	


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4	<u>Hypervisor: Type 2 (Practical)</u> Lesson 1: • Overview of VMwareWorkstation • Key Features of VMwareWorkstation • Hardware and Software requirements • Installing VMwareWorkstation • Creating a Virtual Machine using VMwareWorkstation Lesson2: • Overview of VMwarePlayer • How to install VMwarePlayer • Enabling VT-x/AMD-v in BIOS • Creating a blank VirtualMachine • Installation of Guest-OS64-bit • VMwareFusion • Introduction to VMwareFusion • System requirements	5
5	<u>Hypervisor: Type 1(Practical)</u>	10


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VIJAYAWADA-520 008





Department:CSE

Academic Year: 2019-20

Name of the Program: Virtualization using VSphere

List of Students Enrolled:50 / Completed:44

SNO	REGDNO	STUDENT NAME
1	17HP1A0505	SunkesulaDivya
2	17HP1A0506	GodabaGayatri
3	17HP1A0507	TadepalliGeetha Sri
4	17HP1A0508	KolukuluriGowthami
5	17HP1A0509	PallantiHarini
6	17HP1A0510	TejavathJyothi
7	17HP1A0512	MendaKeerthana
8	17HP1A0513	KogantiKeerthiSai Sri
9	17HP1A0514	PatanKhamurunnisa
10	17HP1A0515	KousalyaSowmyaLahariVoleti
11	17HP1A0516	MaradaManasa
12	17HP1A0518	KesaniMeghana
13	17HP1A0522	S.NagaSai Sri Venkata Lakshmi
14	17HP1A0525	BellamPreethi
15	17HP1A0527	ChappaRamyaSai
16	17HP1A0528	RajanalaSaiAnushaPriyanka
17	17HP1A0530	PaidivadaSaiDivya
18	17HP1A0532	KodaliSangeetha
19	17HP1A0533	YcadaSaranyabala
20	17HP1A0536	EdururiSupriya
21	17HP1A0538	TejasriChoudi
22	17HP1A0539	ViswanadhapalliTriveni
23	17HP1A0541	KallaVenkataDurgaHanisha
24	17HP1A0564	ChapalamaduguAmulya
25	17HP1A0570	MunagapatiHemaSree
26	17HP1A0573	K.J.V.Lakshmi
27	17HP1A0574	LavanyaSrijaBayye
28	17HP1A0578	SyamalaPoojitha
29	17HP1A0579	SandhakaPrasannaDurga
30	17HP1A0581	Katta Rama Devi
31	17HP1A0582	Kommanapalli Rani
32	17HP1A0583	Abdul Sahera Begum
33	17HP1A0587	KorkondabhatarSarvani
34	17HP1A0588	ShaikShahnoor Begum
35	17HP1A0590	Marlapati Sri Vidhya
36	17HP1A0591	GolthiSrilalithaSai Lakshmi
37	17HP1A0592	RatnalaSrilekha
38	17HP1A0593	SurakasiTeja Sri
39	17HP1A0597	NatukulaVarsha
40	17HP1A0598	S.VenkataSumitra
41	17HP1A0599	VujwalaLathaSidhabathula
42	18HP5A0508	K.MeghanaDurgaSaisri
43	18HP5A0509	D.Neelima
44	18HP5A0510	I.Sunanda


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



Assessment Procedures

➤ Online Exam

Report Of Certification Course

An extensive certification course on '**Virtualization using VSphere**' was conducted for 3rd year CSE students from **11-02-2020 To 07-03-2020**. The program aimed at imparting the basics of Virtualization, Hypervisors, and SDC to the students and also some of the advanced concepts which are not there in the curriculum.



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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME: B. Satish Babu

BRANCH: CSE

ACADEMIC YEAR: 2019-20 (Sem-II)

SUBJECT: Visualization using
USPHERE

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MONTH & DATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
SIGNATURE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG. NO.	STUDENT NAME																													
1	501	B. Ananya Choudhary																													
2	503	K. Chaitanya Lakshmi																													
3	505	S. Divya																													
4	506	G. Gayatri																													
5	507	T. Geetha Sai																													
6	508	K. Gnanapriya																													
7	509	P. Harini																													
8	510	T. Jayathi																													
9	512	M. Keerthana																													
10	513	K. Keerthana Sai																													
11	514	P. K. Haritha																													
12	516	M. Manasa																													
13	518	K. Meghana																													
14	522	S. Sai Vani Lakshmi																													
15	525	A. Preeti																													
16	516	Y. Rajeswari																													
17	527	R. Sai Lakshmi																													
18	528	K. Sai Lakshmi																													
19	530	P. Sai Divya																													
20	531	CH. Sai Divya																													
21	512	K. Sangarika																													
22	523	Y. Saranya																													
23	526	E. Saranya																													
24	528	Teja Sai																													
25	539	V. Teja																													
26	501	K. Venkata Durga Harsha																													
27	515	S. Venkata Sai Lakshmi																													
28	501	U. Aishwarya																													
29	502	M. Akshaya																													
30	504	CH. Ananya																													
31	520	M. Ananya Sai																													
32	523	K. Jayathi Vijaya Lakshmi																													
33	528	S. Jayathi																													
34	529	S. Prasanna Durga																													
35	531	K. Ravi Devi																													
36	532	E. Sai																													
37	533	Anshu Satish Babu																													
38	534	R. Lakshmi Sai																													

HOD SIGNATURE

HOD SIGNATURE

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VIJAYAWADA-520 008

FACULTY NAME: B. V. Satish Babu
ACADEMIC YEAR: 2019-20 (Sem-II)

SIGNATURE

S.NO.	REG. NO.	STUDENT NAME
1	501	A. Ananya Choudhary
2	503	K. Charan Lakshana
3	505	S. Divya
4	506	G. Divyashree
5	507	T. Geetha Sai
6	508	K. Gouthami
7	509	D. Harini
8	510	T. Jayathi
9	512	M. Keerthana
10	513	K. Keerthana Sai
11	514	P. K. Harini
12	516	M. Manasa
13	518	K. Meghna
14	522	S. Naga Sai
15	525	A. Parvathi
16	526	Y. Rajeswari
17	527	C. Ranga Sai
18	528	P. Sai
19	530	P. Sai Divya
20	531	C. Sai Divya
21	532	K. Sangeetha
22	533	K. Sangeetha
23	536	E. Sangeetha
24	538	T. Sai
25	539	V. Tanvi
26	540	K. Venkata Divya
27	545	K. Venkata Divya
28	546	V. Athula
29	547	M. Arjun
30	548	C. Arjun
31	550	M. Arjun
32	573	K. Jayanthi
33	578	S. Jayanthi
34	579	S. Jayanthi
35	581	K. Jayanthi
36	582	K. Jayanthi
37	583	K. Jayanthi
38	584	K. Jayanthi

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HOD SIGNATURE _____

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VIJAYAWADA - 520 008

FACULTY NAME: B.V. Subish Babu

BRANCH: CSE

ACADEMIC YEAR: 2019-20

SUBJECT: VLSI using
VLSI

HOUR TAKEN			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MONTH & DATE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39	587	K. S. Jagan	1	2	3	4	A	A	5	6	A	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
40	588	Shankar Shankar Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
41	590	M. S. Venkatesh	1	2	A	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
42	591	G. Sridharan Sridharan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
43	592	R. Sai Lakshmi	1	2	3	4	5	6	7	8	A	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
44	593	S. Teja Sai	1	2	A	A	A	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
45	594	NATIKULA NADAR	1	2	3	4	5	6	A	A	A	A	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
46	595	S. Venkatesh Srinivas	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
47	596	V. J. Lakshmi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
48	597	K. Meghana Lakshmi Sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
49	598	D. N. Lakshmi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
50	599	J. Srinivas	A	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: B.V. Seetha Babu
ACADEMIC YEAR: 2019-20

HOUR TAKEN		
MONTH & DATE		
SIGNATURE		
S.NO.	REG. NO.	STUDENT NAME
39	587	K. S. Mavani
40	588	Sheik Shamsud D
41	590	M. S. Vichay
42	591	C. Sri Lalitha sri
43	592	R. Sai Laksh
44	593	S. Teja Sri
45	597	NATUKULA VANDRE
46	598	S. Venkateswami
47	599	Vijayalakshmi
48	WIPASASO9	K. Megha Lakshmi
49	WIPASASO9	D. Neeharika
50	WIPASASO9	T. Sarananda
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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Name of the Program: Virtualization using VSphere

List of Students Enrolled: 50 / Completed: 44

SNO	REGDNO	STUDENT NAME
1	17HP1A0505	Sunkesula Divya
2	17HP1A0506	Godaba Gayatri
3	17HP1A0507	Tadepalli Geetha Sri
4	17HP1A0508	Kolukuluri Gowthami
5	17HP1A0509	Pallanti Harini
6	17HP1A0510	Tejavathi Jyothi
7	17HP1A0512	Menda Keerthana
8	17HP1A0513	Koganti Keerthi Sai Sri
9	17HP1A0514	Patan Khamurunisa
10	17HP1A0515	Kousalya Sowmya Lahari Voleti
11	17HP1A0516	Marada Manasa
12	17HP1A0518	Kesani Meghana
13	17HP1A0522	S. Naga Sai Sri Venkata Lakshmi
14	17HP1A0525	Bellam Preethi
15	17HP1A0527	Chappa Ramya Sai
16	17HP1A0528	Rajanala Sai Anusha Priyanka
17	17HP1A0530	Paidivada Sai Divya
18	17HP1A0532	Kodali Sangeetha
19	17HP1A0533	Yada Saranyabala
20	17HP1A0536	Edururi Supriya
21	17HP1A0538	Tejasri Choudi
22	17HP1A0539	Viswanadhapalli Triveni
23	17HP1A0541	Kalla Venkata Durga Hanisha
24	17HP1A0564	Chapalamadugu Amulya
25	17HP1A0570	Munagapati Hema Sree
26	17HP1A0573	K. J. V. Lakshmi
27	17HP1A0574	Lavanya Srija Bayye
28	17HP1A0578	Syamala Poojitha
29	17HP1A0579	Sandhaka Prasanna Durga
30	17HP1A0581	Katta Rama Devi
31	17HP1A0582	Kommanapalli Rani
32	17HP1A0583	Abdul Sahera Begum
33	17HP1A0587	Korkondabhattar Sarvani
34	17HP1A0588	Shaik Shahnoor Begum
35	17HP1A0590	Marlapati Sri Vidhya
36	17HP1A0591	Golthi Srilalitha Sai Lakshmi
37	17HP1A0592	Ratnala Srilekha
38	17HP1A0593	Surakasi Teja Sri
39	17HP1A0597	Natukula Varsha
40	17HP1A0598	S. Venkata Sumitra
41	17HP1A0599	Vujwala Latha Sidhabathula
42	18HP5A0508	K. Meghana Durga Saisri
43	18HP5A0509	D. Neelima
44	18HP5A0510	I. Sunanda

S. Divya
 Gayatri
 Geetha Sri
 Gowthami
 Harini
 Jyothi
 Keerthana
 Keerthi Sai Sri
 Khamurunisa
 Lahari Voleti
 Manasa
 Meghana
 N. S. V. Lakshmi
 Preethi
 Ramya Sai
 Priyanka
 Sai Divya
 Sangeetha
 Saranyabala
 Supriya
 Tejasri
 Triveni
 Hanisha
 Amulya
 Hema Sree
 J. V. Lakshmi
 Srija Bayye
 Poojitha
 Prasanna
 Rama Devi
 Rani
 Sahera
 Sarvani
 Shahnoor Begum
 Vidhya
 Lakshmi
 Srilekha
 Teja Sri
 Varsha
 Sumitra
 Latha
 Meghana
 Neelima
 Sunanda

Assessment Procedures

➤ Online Exam

Report Of Certification Course

An extensive certification course on 'Virtualization using VSphere' was conducted for 3rd year CSE students from 11-02-2020 To 07-03-2020. The program aimed at imparting the basics of Virtualization, Hypervisors, and SDC to the students and also some of the advanced concepts which are not there in the curriculum.



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VIJAYAWADA-520 008

SAMPLE CERTIFICATE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Certificate Of Completion

This is to certify that

Viswanadhapalli Triveni

of Andhra Loyola Institute of Engineering and Technology has completed the course
on "Virtualization using VSphere" conducted from 11/02/2020 to 07/03/2020


REV. FR. DR. A. FRANCIS XAVIER, S.J.
DIRECTOR


DR. O. MAHESH
PRINCIPAL


DR. CH. RAJENDRA BABU
HEAD OF THE DEPARTMENT


B.V. SATISH BABU
ASST. PROFESSOR


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
W. JAYAPADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

Certificate Of Completion

This is to certify that

Syamala Poojitha

of Andhra Loyola Institute of Engineering and Technology has completed the course
on "Virtualization using VSphere" conducted from 11/02/2020 to 07/03/2020


REV. FR. DR. A. FRANCIS XAVIER, S.J.
DIRECTOR


DR. O. MAHESH
PRINCIPAL


DR. CH. RAJENDRA BABU
HEAD OF THE DEPARTMENT


B.V. SATISH BABU
ASST. PROFESSOR


PRINCIPAL
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VIJAYAWADA-520 008

DATABASE FOUNDATIONS



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 03-02-2020

The Students of CSE are invited to attend a certificate course on **Database Foundation** from 18-03-2020 to 28-05-2020. We are very happy to invite the students who wish to participate in the course. This course provides a need based Knowledge for students, and we decide to gather student input on this course.


HoD


Principal

**PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA-8 DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATION DETAILS

Date: 7/2/2020

MINUTES OF MEETING

The meeting was conducted in the department of CSE. The agenda of the meeting was to discuss about the Certification Course named as Database foundations and student active participation. Resolved to conduct the following course Database foundations.

SNO	Name of the Faculty	Designation	Signature
1	DR A. Srinivasa Rao	Professor	
2	K. Venkateswaray Rao	Asst. prof	
3	Dr. Ch. Srinivasulu	Assoc. Prof & HOD	
4	L. V. Ramulu	Assoc. Prof	
5	K. Nageswara Rao	Assistant prof	
6	B. V. H. S. Reddy	Assistant professor	
7	Razeena	Asst. Prof	
8	A. Kokkavarapu	Asst. prof	
9	D. Bhargadwaja	Asst. Prof.	
10	M. Mohana Deepthi	Asst. prof	
11	K. S. R. Krishna	Asst. Prof	
12	P. M. Prasanna	Asst. Assoc. Prof	
13	T. Visitore Babu	Asst. Prof	
14	Y. Rajesh	Asst. prof	
15	R. PADMAJA	Asst. Professor	
16	MD ARSHA SULTANA	Asst. Professor	
17	R. Siveetha	Asst. prof	



Signature of HOD

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



Title of the Certification: Database Foundations

Faculty Name: Y. Rajesh

Year: IV

Academic Year: 2019-20

SYLLABUS

I. Introduction

- Introduction to the Course
- Introduction to Databases
- Types of Database Models
- Business Requirements

II. Databases and Data Modeling

- Relational Databases
- Conceptual and Physical Data Models
- Entities and Attributes
- Unique Identifiers
- Relationships
- Entity Relationship Modeling (ERDs)

III. Refining the Data Model

- More with Relationships
- Tracking Data Changes
- Normalization and Business Rules
- Data Modeling Terminology and Mapping

IV. Oracle SQL Developer Data Modeler

- Oracle SQL Developer Data Modeler
- Convert a Logical Model to a Relational Model

V. Mapping to the Physical Model

- Mapping Entities and Attributes
- Mapping Primary and Foreign Keys


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VIJAYAWADA-520 008**



**Department: CSE****Academic Year: 2019-20****Name of the Program : Database Foundations****List of Students Enrolled / Completed: 32/32**

SNO	STUDENT NAME
1	K. ACSAH
2	B. BHAVANA SIRI
3	CH. CHAMUNDESWARI
4	P. DAKSHAYANI
5	O. KRUPA PRASANNA
6	MUNEERA SULTANA
7	B. PRANEETHA
8	PREETHI JULIAN STANLEY
9	PREMA JYOTHI
10	BANKA DHRAHAS
11	KASTHALA DHEERAJ
12	B. PAVAN CHAITANYA
13	M. SAI SESHANK
14	SHAIK FARHEEN SULTHANA
15	MAMILLA GAYATHRI
16	KOSURI MOUNI
17	PALISETTY NAVEENA
18	MATLAPUDI PRIYANKA
19	NANDAM SIRISHA
20	NAVYA REDDY GOTTAM
21	NAGOTHU BALA NIRANJAN
22	PARAMATMUNI DEVA SAI SRIKANTH
23	HARSHA PREETHAM PUKKALLA
24	JAPNISH SINGH KOHLI
25	POTLACHERUVU NARENDRA SAI
26	KANURI NIKHIL SAI
27	YADAVILLI SANATH KUMAR
28	ADDAKATTU VENKATA GURUNADHA NITISH
29	C. VENKATA PHANI KISHORE
30	T. MOUNIKA LAKSHMI SAI
31	GADAPA MOHANA SAIVAMSI
32	PUVVALA VENKATA NAGA ADITHYA SAI

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on 'Database Foundations' was conducted for 4th year CSE students from **18-03-2020 To 28-05-2020**. The program aimed at imparting the basics of Database Foundations to design conceptual database design to the students.



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VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

VIJAYAWADA - 520 008

FACULTY NAME: V. Rajesh
ACADEMIC YEAR: 2019-20

BRANCH: C.S.E.
SUBJECT: Data Base Foundation

HOUR TAKEN			7	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7	6	7			
MONTH & DATE			18/3	19/3	20/3	21/3	22/3	23/3	24/3	25/3	26/3	27/3	28/3	29/3	30/3	31/3	1/4	2/4	3/4	4/4	5/4	6/4	7/4	8/4	9/4	10/4	11/4	12/4	13/4	14/4			
SIGNATURE			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B			
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	164pao501	K. ACSAH	1	A	2	3	4	5	6	7	8	9	10	11	A	A	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	
2	503	B. Bhavana Sri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	A	28	29	
3	505	Ch. Chamundeswari	1	2	3	4	5	A	A	A	6	7	8	9	10	11	A	12	13	14	15	A	16	17	18	19	20	A	21	22	23	24	
4	507	P. Dattashayani	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16	17	18	19	20	A	21	22	23	A	A	24	25	26	27
5	512	O. krupa prasanna	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28	
6	513	Muneera sultana.	1	2	3	A	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
7	514	B. praneetha	A	A	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	A	16	17	18	19	20	21	22	23	24	25	26	
8	515	preethi Tulian Stanley	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	28	
9	517	prema Tyothi	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27	28	
10	538	Banka Dharmay	1	2	A	3	4	A	5	6	7	8	9	10	11	12	A	A	13	14	15	16	17	18	19	A	20	21	22	23	24	25	
11	541	Kasthala Dharmraj	1	2	A	A	3	4	5	6	7	8	9	A	10	11	12	13	14	A	15	16	17	18	19	20	21	22	23	24	25	26	
12	545	B. pavan chaitanya	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	17	18	19	A	A	20	21	22	23	24	25	26	27	
13	552	m. Sai Seshant.	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14	568	Shakti Partheen Sulthana	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	28	
15	569	Mamilla Gayathri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	27	28	29	
16	578	Kosuri Moumi	1	2	3	4	5	6	7	8	9	A	A	A	10	11	12	13	14	15	16	A	17	18	19	20	21	22	23	24	25	26	
17	580	palisetty Naveena	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	A	20	21	22	23	24	25	26	27	28	
18	582	matlapudi priyanka	1	A	2	3	4	5	6	7	8	9	10	11	12	13	A	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
19	587	Nandam Sireesha	1	A	A	A	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	
20	588	Navya Reddy Gottam	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
21	592	Nagodu Bala Niranjan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	A	20	21	A	22	23	24	25	26	27	28	
22	593	Paramatmani Deva Srikanth	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	A	24	25	26	27	28	
23	597	Hayha preetham pattalla	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
24	598	Tapanish Singh kohli	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	A	21	22	23	24	25	26	27	28	29	
25	5A5	patlachenuki Narenthra	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14	15	16	17	18	19	20	A	A	21	22	23	24	25	26	27	
26	5A6	Kamuri Nikhil sai	1	2	3	4	5	6	7	8	9	10	A	11	12	A	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
27	5B2	yadavilli saneth kumar	A	1	2	3	4	5	6	7	8	9	10	A	A	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
28	5B7	Adakattu Venkata Gurunadh	1	2	A	3	4	5	6	7	8	A	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	A	25	26	27	
29	5B8	C. Venkataphani Kishore	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27	28	
30	174pao501	T. Monnika Lakshmi sai	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	A	23	24	25	26	27	28	
31	508	Gadapa Mohana Saravasi	1	2	A	3	4	5	6	7	8	9	10	A	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	A	26	27	
32	509	Pullava Venkata Naga Adithy Sai	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	19	20	21	22	23	24	25	26	27	28	
33																																	
34																																	
35																																	
36																																	
37																																	
38																																	

HOD SIGNATURE

HOD SIGNATURE

ANDHRA LOYOLA INSTITUTE

FACULTY NAME: V. Rajesh.

ACADEMIC YEAR: 2019-20

HOUR TAKEN

MONTH & DATE

SIGNATURE

S.NO.	REG. NO.	STUDENT NAME
1	14H4A0501	K. ACSAH
2	503	B. Bhavana Sri
3	505	Ch. Chamundeswar
4	507	P. Datschayani
5	512	O. krupa Prasanna
6	513	Muneera guldana
7	514	B. pranceetha
8	515	preethi Tuliana S
9	517	prema Tyothi
10	538	Banka Dharmay
11	541	Kasthala Dharma
12	545	B. jagan chaitany
13	552	m. Sai Seshant
14	568	sheek farheen Sult
15	569	Mamilla Gayathri
16	578	Kesuri Mouni
17	580	palireddy Naveena
18	582	matlapudi priyank
19	583	Nandam Sireesha
20	588	Navya Reddy G
21	592	Nagodu Bala Nira
22	593	Paramatmani Deva Sai
23	597	Harsha preetham pu
24	598	Tapanjish Singh koh
25	5A5	potlachemurki Naren
26	5A6	Kannuri Nikhil sai
27	5B2	yadavilli saneth kur
28	5D7	Adakattu Venkata Gu
29	5B8	C. Venkataphani Kith
30	17H4A0501	T. Mounika lakshmi
31	508	Gadaga Mohana sivas
32	509	pullava Venkata plaga
33		
34		
35		
36		
37		
38		

[illegible]

HOD SIGNATURE

HOD SIGNATURE

SAMPLE CERTIFICATE

ORACLE[®]
Academy

AWARD *of* ACHIEVEMENT

PRESENTED TO

POTLACHERUVU NARENDRA SAI

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Foundations

FINAL EXAM

28/5/2020

[Signature]

Oracle Academy Instructor

[Signature]

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ORACLE®
Academy

AWARD *of* ACHIEVEMENT

PRESENTED TO

M.SAI SESHANK

FOR SUCCESSFULLY COMPLETING THE ORACLE ACADEMY

Database Foundations

FINAL EXAM

28/5/2020

J. Raju

Oracle Academy Instructor

J. Raju
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VIJAYAWADA-520 008



Proofs for the Certification Course Program -2019-20 MBA I-I,II-IV

CERTIFICATE PROGRAMME IN BANKING, FINANCE AND INSURANCE



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001: 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

Vijayawada – 520 008

Code: (0866) Contact: College: 2498978, Secretary: 2476161,

Principal 2476945, Fax: 2498976

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

Date: 20.01.2020

The meeting was conducted in the department of MBA. The agenda of this meeting was to discuss about Certificate course and named it as **"Certificate Programme in Banking, Finance and Insurance"** and the student active participation. Resolved to conduct the course **"Certificate Programme in Banking, Finance and Insurance"**.

S No.	Name of the Faculty	Designation	Signature
1	Dr. T. Subba Rayudu	Associate Professor	
2	Mr. N. Janardhana Rao	Associate Professor	
3	Mrs. V.Naga Lakshmi	Assistant Professor	
4	Mr. P. Rajesh	Assistant Professor	
5	Mrs. Lavanya PB	Assistant Professor	
6	Mr. U. Gangadhara Rao	Assistant Professor	



Signature of HOD 20/1/2020

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 08-01-2020

This is to inform you that a certificate course on **Banking, Finance and Insurance** will be organised by the department of MBA of ALIET on 27-01-2020 to 16-03-2020. For more information, all the interested and active students should contact the head of the department.


HoD


Principal

PRINCIPAL
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VIJAYAWADA-520 008

**Title of the Certification:** Certificate Programme in Banking, Finance and Insurance**Faculty Name:** Mr A.Ravi Kanth, Mr. K. Narasimha Murthy, Mr.P.Seshagiri Rao**Year/Sem:** I-I,II-IV**Academic Year:** 2019-20**SYLLABUS**

SNo.	Syllabus
1	<u>Insurance Management:</u> History of Insurance, Concept of Risk & Uncertainty Need & Classification of Insurance Structure of Insurance Companies Basic Principles of Insurance Life Insurance Products Non – Life Insurance Products – Retail Insurance Distribution Channels – Group Presentation & Evaluation Selling Insurance in 21st Century – Interim Assessments & Doubt Clearing Under Writing Insurance Contract Insurance Claims- Group Discussion & Evaluation Non – Life Insurance Products – Corporate Rural Insurance & Agri Insurance Customer Protection, Compliance & Insurance Ethics Regulations in Insurance & Grievance Handling Role of Technology in Insurance Integrated Session, Doubt Clearing and Final Assessments
2	<u>Banking Operations:</u> Need for Bank & Types of Banks Types of Customers Know your Customer Retail Banking & Liability Products Retail Loans & Credit Appraisal Interim Assessment, Group presentation & Doubt Clearing Services Offered by Banks Inclusive Banking National Bank for Agriculture & Rural Development (NABARD) Corporate Banking Financial Report of a Bank Overview of Financial Markets Cash & Clearing Operations of a Bank Compliance & Ethics in Banking Technology in Banking
3	<u>Advanced business communication:</u> Communication Basics Art of Speaking Art of Writing Art of Discussing & Presenting Group Presentation Interim Assessment & Doubt Clearing Art of Persuasion & Influence Facing Rejection & Non – Conversion Art of Having a Sales Conversation Integrated Session with Banking & Insurance

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Art of Giving Feedback
Customer Service Skills
Power of Belief
Interview Skills
Mock Interviews
Planned And Extern pore Speeches
Group Presentation & Final Assessment



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ENGINEERING & TECHNOLOGY
VIJAYA VITTHALA

**Department: MBA****Academic Year: 2019-20****Name of the program:** Certificate Programme in Banking, Finance and Insurance**List of students enrolled/ completed: Enrolled: 44; Completed: 34**

SNo:	Regd. No.	Name of the student	Status
1	18HP1E0044 [BFS4496]	Salman Sk	Completed
2	18HP1E0040 [BFS4497]	Ravindra Kumar	Completed
3	18HP1E0041 [BFS4498]	Sai Kumar	Completed
4	18HP1E0027 [BFS4499]	T. Bala Murali	Completed
5	18HP1E0038 [BFS4500]	G. Prudhvi	Completed
6	18HP1E0032 [BFS4501]	M. Jayaram	Completed
7	18HP1E0055 [BFS4502]	P. Vinay Harinath	Completed
8	18HP1E0016 [BFS4503]	S.Revathi	Completed
9	18HP1E0018 [BFS4504]	K.Sai Mounika	Completed
10	18HP1E0017 [BFS4505]	G. Sucharitha	Completed
11	18HP1E0058 [BFS4506]	Ch. Pujitha	Completed
12	18HP1E0007 [BFS4507]	L. Kasturi	Completed
13	18HP1E0003 [BFS4508]	T. Anitta Binoy	Completed
14	18HP1E0011 [BFS4509]	D. Leela Manikyam	Completed
15	18HP1E0015 [BFS4510]	P. Ramya	Completed
16	18HP1E0013 [BFS4511]	D.Pallavi	Completed
17	18HP1E0006 [BFS4512]	K. Jhansi	Completed
18	18HP1E0012 [BFS4513]	P. Mounika	Not Completed
19	18HP1E0019 [BFS4514]	A.Sai Tejaswi	Completed
20	18HP1E0022 [BFS4515]	Ch. Lalla Devi	Not Completed
21	18HP1E0004 [BFS4516]	V. Aparna	Completed
22	18HP1E0059 [BFS4517]	P. Sravanthi	Completed
23	18HP1E0008 [BFS4518]	K. Krishna Kumari	Completed
24	18HP1E0010 [BFS4519]	K. Lathangi	Completed
25	18HP1E0005 [BFS4520]	P. Bhanu Sindhura	Completed
26	18HP1E0002 [BFS4521]	B. Amrutha Varshini	Completed
27	18HP1E0054 [BFS4522]	B. Venkatesh	Completed
28	18HP1E0050 [BFS4525]	Subodh . V	Completed
29	18HP1E0028 [BFS4528]	Chenna Kesavalu	Completed
30	18HP1E0023 [BFS4529]	Suguna G	Completed
31	19HP1E0039 [BFS4530]	Chaitanya. M	Completed
32	19HP1E0005 [BFS4531]	Durga Bhavani	Not Completed
33	19HP1E0030 [BFS4532]	Tejaswi.P	Not Completed
34	19HP1E0020 [BFS4533]	Sai Bhargavi	Not Completed
35	19HP1E0002 [BFS4534]	Bhagya Sri. K	Not Completed
36	19HP1E0032 [BFS4535]	Naga Sunandhini	Completed
37	19HP1E0016 [BFS4536]	Naga Lakshmi	Completed
38	19HP1E0008 [BFS4537]	Geetha Priyanka	Completed
39	19HP1E0061 [BFS4538]	Venkata Reddy	Completed
40	19HP1E0049 [BFS4539]	Naga Sai M	Completed
41	19HP1E0051 [BFS4540]	P. Phara	Not Completed
42	19HP1E0046 [BFS4541]	Y. Manesh	Not Completed



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VIJAYAWADA-520 008

43	19HP1E0024 [BFS4542]	V.V. Durga Devi	Not Completed
44	19HP1E0052 [BFS4543]	G. Pradeep	Not Completed
<u>Assessment Procedures</u> ✓ Exam			
<u>Report of Certification Course</u> An extensive certification course on 'Certificate Programme in Banking, Finance and Insurance' was conducted by Bajaj Finserv Limited for I and II year MBA students from 27-01-2020 To 16-03-2020 (3.00PM -6.00 PM). The program aimed at imparting the knowledge of Insurance and Banking to the students and also some of the advanced concepts of Communication, Banking and Insurance which are not there in the curriculum. The certified and well experienced instructors from the Bajaj Finserv Limited trained the students.			




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 VIJAYAWADA-520 005

Name of the program: Certificate Programme in Banking, Finance and Insurance

List of students enrolled/ completed: Enrolled: 44; Completed: 34

SNo:	Regd. No.	Name of the student	Status
1	18HP1E0044 [BFS4496]	Salman Sk	Completed
2	18HP1E0040 [BFS4497]	Ravindra Kumar	Completed
3	18HP1E0041 [BFS4498]	Sai Kumar	Completed
4	18HP1E0027 [BFS4499]	T. Bala Murali	Completed
5	18HP1E0038 [BFS4500]	G. Prudhvi	Completed
6	18HP1E0032 [BFS4501]	M. Jayaram	Completed
7	18HP1E0055 [BFS4502]	P. Vinay Harinath	Completed
8	18HP1E0016 [BFS4503]	S.Revathi	Completed
9	18HP1E0018 [BFS4504]	K.Sai Mounika	Completed
10	18HP1E0017 [BFS4505]	G. Sucharitha	Completed
11	18HP1E0058 [BFS4506]	Ch. Pujitha	Completed
12	18HP1E0007 [BFS4507]	L. Kasturi	Completed
13	18HP1E0003 [BFS4508]	T. Anitta Binoy	Completed
14	18HP1E0011 [BFS4509]	D. Leela Manikyam	Completed
15	18HP1E0015 [BFS4510]	P. Ramya	Completed
16	18HP1E0013 [BFS4511]	D.Pallavi	Completed
17	18HP1E0006 [BFS4512]	K. Jhansi	Completed
18	18HP1E0012 [BFS4513]	P. Mounika	Not Completed
19	18HP1E0019 [BFS4514]	A.Sai Tejaswi	Completed
20	18HP1E0022 [BFS4515]	Ch. Lalla Devi	Not Completed
21	18HP1E0004 [BFS4516]	V. Aparna	Completed
22	18HP1E0059 [BFS4517]	P. Sravanthi	Completed
23	18HP1E0008 [BFS4518]	K. Krishna Kumari	Completed
24	18HP1E0010 [BFS4519]	K. Lathangi	Completed
25	18HP1E0005 [BFS4520]	P. Bhanu Sindhura	Completed
26	18HP1E0002 [BFS4521]	B. Amrutha Varshini	Completed
27	18HP1E0054 [BFS4522]	B. Venkatesh	Completed
28	18HP1E0050 [BFS4525]	Subodh . V	Completed
29	18HP1E0028 [BFS4528]	Chenna Kesavalu	Completed
30	18HP1E0023 [BFS4529]	Suguna G	Completed
31	19HP1E0039 [BFS4530]	Chaitanya. M	Completed
32	19HP1E0005 [BFS4531]	Durga Bhavani	Not Completed
33	19HP1E0030 [BFS4532]	Tejaswi.P	Not Completed
34	19HP1E0020 [BFS4533]	Sai Bhargavi	Not Completed
35	19HP1E0002 [BFS4534]	Bhagya Sri. K	Not Completed
36	19HP1E0032 [BFS4535]	Naga Sunandhini	Completed
37	19HP1E0016 [BFS4536]	Naga Lakshmi	Completed
38	19HP1E0008 [BFS4537]	Geetha Priyanka	Completed
39	19HP1E0061 [BFS4538]	Venkata Reddy	Completed
40	19HP1E0049 [BFS4539]	Naga Sai M	Completed
41	19HP1E0051 [BFS4540]	P. Bharani	Not Completed
42	19HP1E0046 [BFS4541]	V. Manesh	Not Completed



43	19HP1E0024 [BFS4542]	V.V. Durga Devi	Not Completed	<i>P. Phani</i>
44	19HP1E0052 [BFS4543]	G. Pradeep	Not Completed	<i>G. Pradeep</i>
<u>Assessment Procedures</u>				
✓ Exam				
<u>Report of Certification Course</u>				
An extensive certification course on 'Certificate Programme in Banking, Finance and Insurance' was conducted by Bajaj Finserv Limited for I and II year MBA students from 27-01-2020 To 16-03-2020 (3.00PM -6.00 PM). The program aimed at imparting the knowledge of Insurance and Banking to the students and also some of the advanced concepts of Communication, Banking and Insurance which are not there in the curriculum. The certified and well experienced instructors from the Bajaj Finserv Limited trained the students.				

<u>ADDITIONAL INFORMATION</u>	
ATTENDANCE LINK	Link
CERTIFICATES LINK	Link



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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME: Mr. A. Ravikanth
Mr. K. Narasimha Murthy
Mr. P. Seetha Devi Rao
ACADEMIC YEAR: 2019-20

BRANCH: MBA
SUBJECT: Banking, Finance and Insurance

HOUR TAKEN		MONTH & DATE		SIGNATURE																																																																
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
1	3341	S. Salomon (BFS4496)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	A	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
2	40	M. Ravindra Kumar (BFS4497)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	A	A	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
3	41	T. Sukumar (BFS4498)	1	2	3	4	5	6	7	8	9	A	A	A	A	A	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4	27	T. Bala Murugan (BFS4499)	A	A	A	A	A	A	A	A	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
5	38	G. Prudhvi (BFS4500)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
6	32	M. Jaya Ramakrishna (BFS4501)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
7	55	P. Vinay Kumar (BFS4502)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
8	16	S. Ravi (BFS4503)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
9	18	K. Sai Hrudhika (BFS4504)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
10	17	G. Subashini (BFS4505)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
11	58	P. Rajitha (BFS4506)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
12	67	L. Kasturi (BFS4507)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
13	63	T. Anitha Rani (BFS4508)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
14	11	P. Latha Hanuman (BFS4509)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
15	15	P. Ramya (BFS4510)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
16	13	D. Pallavi (BFS4511)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
17	61	K. Ishani (BFS4512)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
18	12	P. Manika (BFS4513)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
19	19	A. Sai Tejaswi (BFS4514)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
20	22	Chaitanya (BFS4515)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
21	64	V. Aparna (BFS4516)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
22	59	P. Sravathi (BFS4517)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
23	08	K. Krishna Kumari (BFS4518)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
24	10	K. Lathika (BFS4519)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						
25	05	P. Annu Sridhara (BFS4520)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8																												

ANDHRA LOYOLA INSTITUTE

Mr. A. Ravikanth

Mr. K. Narasim

FACULTY NAME: Mr. P. Sathish

ACADEMIC YEAR: 2019-20

HOUR TAKEN

MONTH & DATE

SIGNATURE

S.NO.	REG. NO.	STUDENT NAME
1	44	Sh. Sathish
2	40	M. Ravindha Kumar
3	41	T. Sathish
4	27	T. Balu Murukrishna
5	38	G. Poudhri
6	32	M. Jaya Ramakrishna
7	55	P. Vignatharao
8	16	S. Ravathi
9	18	K. Sai Hrudika
10	17	G. Sathish
11	58	Ch. Rajitha
12	07	L. Kasturi
13	03	T. Anitha Rini
14	11	P. Leela Murthyam
15	15	P. Ramya
16	13	P. Padma
17	06	K. Jhanvi
18	12	P. Mohana
19	19	A. Sri Tejaswini
20	22	Ch. Lalla Devi
21	04	V. Aparna
22	59	P. Sravathi
23	08	K. Krishna Kumari
24	10	K. Lathangi
25	05	P. Dhruv Sindhu
26	02	B. Anurag Varshini
27	54	B. Venkatesh
28	50	V. Subhadra
29	28	K. Chennaibavale
30	23	S. Suguna Kumari
31	39	M. Anitha
32	05	Durga Bhavani
33	30	P. Tejaswini
34	20	K. Sai Bhargavi
35	02	K. Bhargya Sri
36	32	K. N. Sunandhini
37	16	Ch. Nagalakshmi
38	18	R. Geetha Priyanka

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Mr. A. Ravikar
Mr. K. Narasin
Mr. P. Seshwar

FACULTY NAME:

ACADEMIC YEAR: 2019-20

MT. P. Seshu

ACADEMIC YEAR: 2019-20

HOUR TAKEN		
MONTH & DATE		
SIGNATURE		
S.NO.	REG. NO.	STUDENT NAME
1	287100	44 Sh. Salomon
2	40	M. Ravinika Kumari
3	41	T. Sukumar
4	27	T. Balu Murugabishnu
5	38	G. Poudhri
6	32	M. Jaya Ramakrishna
7	55	P. Vinay Hanumanth
8	16	S. Ravathi
9	18	K. Sai Hanuika
10	17	G. Subaratha
11	58	H. Pujitha
12	07	L. Kasturi
13	03	T. Anitha Binoy
14	11	D. Leela Hanuikam
15	15	P. Ramya
16	13	D. Pallavi
17	06	K. Tharasi
18	12	P. Hanuika
19	19	A. Sri Tejaswini
20	22	Challa Devi
21	04	V. Aparna
22	59	P. Sravanthi
23	08	K. Krishnakumari
24	10	K. Lathangi
25	05	P. Anu Sindhu
26	02	B. Anurutha Varshini
27	54	B. Venkatesh
28	50	V. Subhadh
29	28	K. Chennaikavali
30	23	S. Suguna Kumari
31	29	M. Kalitraya
32	05	Durga Bhavani
33	30	P. Tejaswini
34	20	K. Sai Bhargavi
35	02	K. Bhargya Sai
36	32	K.V.N. Sundarini
37	16	Ch. Nag. Lakshmi
38	08	P. Geetha Priyanka

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PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: Mr. A. Ravikanth
Mr. K. N. Prasanna
Mr. P. Seshachari

ACADEMIC YEAR: 2019-20

ACADEMIC YEAR: 2019-20

SIGNATURE

S.NO.	REG. NO.	STUDENT NAME
1	18HPT00	44 Sh. Salomon
2		40 M. Ravindra Kumar
3		41 J. Sukumar
4		27 T. Bala Muralikrishna
5		38 G. Pradhyvi
6		32 M. Jaya Rama Krishna
7		55 P. Vinaytharimuthu
8		16 S. Ravathi
9		18 K. Sai Hrudika
10		17 G. Subharitha
11		58 Ch. Pujitha
12		07 L. Kasturi
13		03 T. Anitha Binny
14		11 D. Leela Manikyaam
15		15 P. Ramya
16		13 D. Pallavi
17		06 K. Thansi
18		12 P. Hrudika
19		19 A. Sai Tejaswini
20		22 Chakalla Devi
21		04 V. Aparna
22		59 P. Sravanthi
23		08 K. Krishna Kumari
24		10 K. Lathangi
25		05 P. Annu Sathya
26		02 B. Anurag Varshini
27		54 B. Venkatesh
28		50 V. Subhadh
29		28 K. Chenna Kavaraju
30		23 S. Suguna Kumari
31	18HPT00	39 M. Chaitanya
32		05 Durga Bhavani
33		30 P. Tejaswini
34		20 K. Sai Bhargavi
35		02 K. Bhargya Sai
36		32 K. N. Supandhini
37		16 Ch. Naga Lakshmi
38		08 P. Geetha Priyanka

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HONORABLE CHAIRMAN

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Mr. A. Ravikanth
Mr. K. Narasimha Murthy
FACULTY NAME: Mr. P. Subashini Reddy
ACADEMIC YEAR: 2019-20
BRANCH: MBA
CERTIFICATE PROGRAMME IN
SUBJECT: Banking, Finance
and Insurance

Mr. A. Ravikanth
Mr. K. Narasimha Murthy
FACULTY NAME: Mr. P. Subashini Reddy
ACADEMIC YEAR: 2019-20
BRANCH: MBA
CERTIFICATE PROGRAMME IN
SUBJECT: Banking, Finance
and Insurance

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PRINCIPAL
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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME: Mr. R. Nar
ACADEMIC YEAR: 2019-20

HOUR TAKEN

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S.NO.	REG. NO.	STUDENT
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39	REPORT OF	W. J. ...
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PRINCIPAL
SNDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTT

FACULTY NAME: Mr. P. Ravi
ACADEMIC YEAR: 2019-20

HOUR TAKEN
MONTH & DATE
SIGNATURE

S.NO.	REG. NO.	STUDENT
39	19100101	61. K. Venkata Sathy
40	19100102	49. K. Venkata Sathy
41	19100103	61. P. Pradeep
42	19100104	61. P. Pradeep
43	19100105	61. P. Pradeep
44	19100106	61. P. Pradeep
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674	675	676	677	678	679	680	681	682	683	684	685	686	687
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702	703	704	705	706	707	708	709	710	711	712	713	714	715
716	717	718	719	720	721	722	723	724	725	726	727	728	729
730	731	732	733	734	735	736	737	738	739	740	741	742	743
744	745	746	747	748	749	750	751	752	753	754	755	756	757
758	759	760	761	762	763	764	765	766	767	768	769	770	771
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786	787	788	789	790	791	792	793	794	795	796	797	798	799
800	801	802	803	804	805	806	807	808	809	810	811	812	813
814	815	816	817	818	819	820	821	822	823	824	825	826	827
828	829	830	831	832	833	834	835	836	837	838	839	840	841
842	843	844	845	846	847	848	849	850	851	852	853	854	855
856	857	858	859	860	861	862	863	864	865	866	867	868	869
870	871	872	873	874	875	876	877	878	879	880	881	882	883
884	885	886	887	888	889	890	891	892	893	894	895	896	897
898	899	900	901	902	903	904	905	906	907	908	909	910	911
912	913	914	915	916	917	918	919	920	921	922	923	924	925
926	927	928	929	930	931	932	933	934	935	936	937	938	939
940	941	942	943	944	945	946	947	948	949	950	951	952	953
954	955	956	957	958	959	960	961	962	963	964	965	966	967
968	969	970	971	972	973	974	975	976	977	978	979	980	981
982	983	984	985	986	987	988	989	990	991	992	993	994	995
996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023
1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051
1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065
1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079
1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093
1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107
1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121
1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135
1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149
1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163
1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177
1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191
1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205
1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219
1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233
1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247
1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261
1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275
1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289
1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303
1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317
1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331
1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	

SAMPLE CERTIFICATE



Certificate of Completion

This is to certify that

Venkat Reddy Goda

has participated and successfully completed
Certificate Programme in Banking, Finance and Insurance (January, 2020)
conducted by Andhra Loyola College, Vijayawada
in collaboration with Bajaj Finserv Limited

CPBFI


For
Andhra Loyola College,
Vijayawada


For
Bajaj Finserv Limited

Training Partner




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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



Certificate of Completion

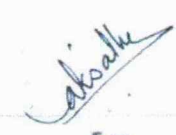
This is to certify that

Krishna Kumari Thakkellapati

has participated and successfully completed
Certificate Programme in Banking, Finance and Insurance (January, 2020)
conducted by Andhra Loyola College, Vijayawada
in collaboration with Bajaj Finserv Limited

CPBFI


For
Andhra Loyola College,
Vijayawada


For
Bajaj Finserv Limited

Training Partner




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VIJAYAWADA-520 008



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 4-11-2019

This is to inform you that a certificate course on **Building Smart Cities and Society: Industry 4.0** will be organised by the department of IT of ALIET on 20-11-2019 to 21-04-2020. For more information, all the interested and active students should contact the heads of the department.

HeD

Principal

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

**Proofs for the Certification Course Program -2019-20- IV – IT
Building Smart Society and City Industry 4.0 Approach****ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF INFORMATION TECHNOLOGY
CERTIFICATION DETAILS**

Date: 14/11/2019

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certification Course named as Building Smart Society And City Industry 4.0 and student active participation. Resolved to conduct the following course Building Smart Society And City Industry 4.0.

SNO	Name of the Faculty	Designation	Signature
1.	S. Kishore Babu	Assoc Prof	
2	Dr. V-Shanmukhi Reddy	Assoc Prof	
3	G. DURVASI	Asst. Prof	
4	V. Vicky- Sagu	Asst. Prof	
5.	T. Harika	Asst. Prof.	
6.	M.L. Imlan	Asst. Prof	
7.	Sai Ram T.V.M.	Asst. Prof.	
8	P. Nagachari	Asst. prof	

Signature of HOD

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



Title of the Certification: Building Smart Cities and Society: Industry 4.0 Approach

Year: IV

Faculty Name: T.V.M SAI RAM

Academic Year: 2019-20

SYLLABUS

Industry 4.0

Industry 4.0: Globalization and Emerging Issues, The Fourth Revolution, LEAN Production Systems, Smart and Connected Business Perspective, Smart Factories, Industry 4.0: Cyber Physical Systems and Next Generation Sensors, Collaborative Platform and Product Lifecycle Management, Augmented Reality and Virtual Reality, Artificial Intelligence, Big Data and Advanced Analysis

Cloud Computing

Objectives, From collaborative to the Cloud – A short history Client – Server Computing, Peer-to-Peer Computing, Distributed Computing, Collaborative Computing, Cloud Computing, Functioning of Cloud Computing, Cloud Architecture, Cloud Storage, Cloud Services, Industrial Applications. Service Modeling, Infrastructure Services, Platform Services, Software Services - Software as service modes- Massively scaled software as a service- Scale of Economy, Management and Administration.

Machine Learning

Definition of learning systems. Goals and applications of machine learning. Aspects of developing a learning system: training data, concept representation, function approximation. The concept learning task. Concept learning as search through a hypothesis space. General-to-specific ordering of hypotheses. Finding maximally specific hypotheses. Version spaces and the candidate elimination algorithm. Learning conjunctive concepts. The importance of inductive bias. Representing concepts as decision trees. Recursive induction of decision trees. Picking the best splitting attribute: entropy and information gain. Searching for simple trees and computational complexity. Occam's razor. Overfitting, noisy data, and pruning.

DEEP LEARNING

Types of errors, bias-variance trade-off, overfitting-underfitting, brief review of concepts from Vector Calculus and optimization, variants of gradient descent, momentum. Basic concepts of artificial neurons, single and multi layer perceptrons, perceptron learning algorithm, its convergence proof, different activation functions, softmax cross entropy loss function.




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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

**Department:IT****Academic Year:2019-20****Name of the Program : Building Smart Cities and Society: Industry 4.0 Approach****List of Students Enrolled / Completed:55/55**

s.no	REG. NO	NAMES
1	18HP1A1201	BANTU AMULYA TEJA
2	18HP1A1202	KUSAM ANILA
3	18HP1A1203	RAYAPUDI ANUHYA
4	18HP1A1204	BANDREDDI BHANU SRI
5	18HP1A1205	SINGAMSETTY BHAVITHA
6	18HP1A1206	VATTIPROLU CHAYA SRI KIRANMAI
7	18HP1A1207	GUNISETTY DIVIJA
8	18HP1A1208	BALLA GEETHIKA SINDHU
9	18HP1A1209	KOLA HARSHA SRI
10	18HP1A1210	GUDISEVA JAHNAVI
11	18HP1A1211	DEVIREDDY JASWITHA REDDY
12	18HP1A1212	MUTYALA KEERTHI REDDY
13	18HP1A1213	NALAJALA NAGA SAI SOWJANYA
14	18HP1A1214	VITTHAM LAKSHMI PRASANNA
15	18HP1A1215	KONDETI LAKSHMI SUJITHA
16	18HP1A1216	PETETI MADHUMITHA
17	18HP1A1217	MATLA MAHIMANVITHA
18	18HP1A1218	VENTRAPRAGADA MEGHANA SAI SREE
19	18HP1A1220	PISINI NEELIMA
20	18HP1A1221	BOLLAM NIHARIKA
21	18HP1A1222	PAVANI VENIGALLA
22	18HP1A1223	ESUKAPALLI POOJA SRI
23	18HP1A1224	SIDDELA RAMYA SRAVANTHI
24	18HP1A1225	MUKKA RISHITA REDDY
25	18HP1A1227	MAREEDU ROSHINI
26	18HP1A1228	TUMMALA SAI SREE
27	18HP1A1229	PERIKALA SARMIKTA ANARVA PRIYA DARSINI
28	18HP1A1230	RASAPU SATYA SAI BHAVYA BHAVANI

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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008**

29	18HP1A1231	DEBARKI SIRISHA
30	18HP1A1233	GANDAMALA SRI LEKHA
31	18HP1A1234	MUDDANGULA SRUJANA
32	18HP1A1235	TEJASWI JERRIPOTHULA
33	18HP1A1236	BODDEDI TEJASWINI
34	18HP1A1237	DODDA VENKATA MAHESWARI
35	18HP1A1240	KUNDA C N V K RAMA KRISHNA TEJA
36	18HP1A1241	PODILAPU CHIRANJEEVI SAI DEEPAK
37	18HP1A1242	KONA GURUSAI PAVAN
38	18HP1A1243	MOHAMMED IBRAHEEM
39	18HP1A1246	MANCHA MOHAN BALAJEESWAR
40	18HP1A1247	CHIPPADA NAGARJUNA
41	18HP1A1248	GOGINENI PHANIDHAR
42	18HP1A1249	MOKA PRABHU KALYAN
43	18HP1A1250	NALLAPATI ROHIT SAI
44	18HP1A1251	CHANDA ROOP KUMAR
45	18HP1A1252	SHAIK ROSHAN
46	18HP1A1253	ERANULLIL ROSHAN FRANCIS
47	18HP1A1254	PASUPULETI SAI BHARATH
48	18HP1A1255	PALA SIVA NAGESWARA RAO
49	18HP1A1256	JARUGULLA VAMSHI KRISHNA
50	18HP1A1257	NALI VENKATA RAJU
51	17HP1A1242	HEMA PRUDVI RAJ
52	17HP1A1248	B. RAJESH
53	19HP5A1201	LOKESH.C
54	19HP5A1202	NETAJI.B
55	19HP5A1203	VIKRAM.P

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on '**Building Smart Cities and Society: Industry 4.0 Approach**' was conducted for 2th year IT students from 20-11-2020 TO 21-4-2020. The program aimed at imparting the basics of Building Smart Cities and Society: Industry 4.0 Approach to design the conceptual of Building Smart Cities and Society design to the students.




 PRINCIPAL
 ANDHRA LOYOLA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 VIJAYAWADA-520 008

FACULTY NAME: T. V. M. Su'lam
ACADEMIC YEAR: 2019-2020

BRANCH: IT
SUBJECT: VAC.

Online Classes

HOUR TAKEN		MONTH & DATE		SIGNATURE		STUDENT NAME	
S.NO.	REG. NO.						
1	18HP141001	Ananya		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
2	1202	Anila		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
3	1206	Anubha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
4	1204	Bhanu		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
5	1205	Bhanu		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
6	1206	Chaya		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
7	1207	Durga		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
8	1209	Gurjit Singh		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
9	1209	Harsha S.		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
10	1210	Johani		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
11	1211	Jasvitha Reddy		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
12	1212	Kavitha Reddy		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
13	1213	Srinivas		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
14	1214	Lakshmi Prasad		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
15	1215	Sudha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
16	1216	Madhavi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
17	1217	Mahimavitha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
18	1218	Jai Sree		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
19	1219	Neelina		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
20	1221	Alitha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
21	1222	Pavani		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
22	1223	Rajni		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
23	1224	Srinavathi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
24	1225	Rishitha Reddy		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
25	1226	Rishitha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
26	1227	S. Sree		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
27	1228	Riya Dasthi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
28	1230	Bhavya		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
29	1231	Sivika		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
30	1232	Sri Lakshmi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
31	1234	Suryana		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
32	1235	Tejasvi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
33	1236	Tejasvini		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
34	1237	Mahaswari		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
35	1238	Kama Kalbha		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
36	1241	Lat Deepak		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
37	1242	Guravani Ravi		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
38	1244	Pragheem		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	

HOD SIGNATURE

HOD SIGNATURE _____

PRINCIPAL

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: T. V. M. ab. Bm
ACADEMIC YEAR: 2019-2020

BRANCH: IT
SUBJECT: VAC

S.NO.	REG. NO.	STUDENT NAME	HOUR TAKEN											
			1	2	3	4	5	6	7	8	9	10	11	12
39	15HP1A1246	Mohan	1	2	3	4	5	6	7	8	9	10	11	12
40	15HP1A1247	Nagapurna	1	2	3	4	5	6	7	8	9	10	11	12
41	15HP1A1248	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
42	15HP1A1249	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
43	15HP1A1250	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
44	15HP1A1251	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
45	15HP1A1252	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
46	15HP1A1253	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
47	15HP1A1254	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
48	15HP1A1255	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
49	15HP1A1256	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
50	15HP1A1257	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
51	15HP1A1258	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
52	15HP1A1259	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
53	15HP1A1260	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
54	15HP1A1261	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
55	15HP1A1262	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
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Online Classes

S.NO.	REG. NO.	STUDENT NAME	HOUR TAKEN											
			1	2	3	4	5	6	7	8	9	10	11	12
16	15HP1A1263	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
17	15HP1A1264	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
18	15HP1A1265	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
19	15HP1A1266	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
20	15HP1A1267	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
21	15HP1A1268	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
22	15HP1A1269	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
23	15HP1A1270	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
24	15HP1A1271	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
25	15HP1A1272	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
26	15HP1A1273	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
27	15HP1A1274	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
28	15HP1A1275	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
29	15HP1A1276	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
30	15HP1A1277	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
31	15HP1A1278	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
32	15HP1A1279	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
33	15HP1A1280	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
34	15HP1A1281	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
35	15HP1A1282	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
36	15HP1A1283	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
37	15HP1A1284	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
38	15HP1A1285	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
39	15HP1A1286	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
40	15HP1A1287	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
41	15HP1A1288	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
42	15HP1A1289	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
43	15HP1A1290	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
44	15HP1A1291	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
45	15HP1A1292	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
46	15HP1A1293	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
47	15HP1A1294	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
48	15HP1A1295	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
49	15HP1A1296	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
50	15HP1A1297	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
51	15HP1A1298	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
52	15HP1A1299	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
53	15HP1A1300	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
54	15HP1A1301	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
55	15HP1A1302	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
56	15HP1A1303	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
57	15HP1A1304	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
58	15HP1A1305	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
59	15HP1A1306	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
60	15HP1A1307	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
61	15HP1A1308	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
62	15HP1A1309	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
63	15HP1A1310	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
64	15HP1A1311	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
65	15HP1A1312	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
66	15HP1A1313	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
67	15HP1A1314	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
68	15HP1A1315	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
69	15HP1A1316	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
70	15HP1A1317	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
71	15HP1A1318	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
72	15HP1A1319	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
73	15HP1A1320	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
74	15HP1A1321	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12
75	15HP1A1322	Prasanna	1	2	3	4	5	6	7	8	9	10	11	12

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VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

VIJAYAWADA - 520 008

FACULTY NAME: T. V. M. Sai Ram

BRANCH: IT

ACADEMIC YEAR: 2019 - 2020

SUBJECT: VAC - Building Smart Soft
City Industry 4.0

online classes.

HOUR TAKEN		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MONTH & DATE		1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	13/10	14/10	15/10	16/10	17/10	18/10	19/10	20/10	21/10	22/10	23/10	24/10	25/10	26/10	27/10	28/10	29/10	30/10
SIGNATURE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG. NO.	STUDENT NAME																													
1	1201	Amulya																													
2	1201	Anila																													
3	1203	Anubyn																													
4	1204	Bharu																													
5	1205	Bhavitha																													
6	1206	Chauha																													
7	1207	Divya																													
8	1208	Geethika Sindhu																													
9	1209	Haasha Sri																													
10	1210	Jahnavi																													
11	1211	Jaswatha Reddy																													
12	1212	Keezhi Reddy																													
13	1213	Sowjanya																													
14	1214	Lakshmi prasanna																													
15	1215	Gultha																													
16	1216	Madhumitta																													
17	1217	Mahimavitha																													
18	1218	Pai Sree																													
19	1220	Aneelima																													
20	1221	Albarika																													
21	1222	Pavani																													
22	1223	Pooja																													
23	1224	Sravanthi																													
24	1225	Rashini																													
25	1226	Sri Sree																													
26	1227	Priya Bharshini																													
27	1228	Bhavya																													
28	1229	Sri Laksh																													
29	1230	Sanjaya																													
30	1231	Tejaswini																													
31	1232	Tejaswini																													
32	1233	Maheswari																													
33	1234	Rama Krishna																													
34	1235	Sai Deepak																													
35	1236	Deepak Rishitha																													
36	1237	Pavan																													
37	1238	Jhanvi																													

HOD SIGNATURE

HOD SIGNATURE

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SAMPLE CERTIFICATE




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Proofs for the Certification Course Program -2019-20 IV IT

DEEP LEARNING AND ITS APPLICATIONS



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 05-11-2019

This is to bring to your kind notice that the department of IT will be conducting a certificate course on **Deep Learning and Application** from 18-11-2019 to 16-03-2020. All the students of IT are requested to make use of this opportunity to deepen your knowledge about your subject.


HoD


Principal
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.



**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF INFORMATION TECHNOLOGY
CERTIFICATION DETAILS**

Date: 14/11/2019

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certification Course named as Deep Learning And its Application and student active participation. Resolved to conduct the following course Deep Learning And its Application.

SNO	Name of the Faculty	Designation	Signature
1	S. Kishore Babo	Assoc. Prof.	
2	Dr. V. Shanmukh Rao	HOD & Prof.	
3	T. Hanika	Asst. Prof.	
4	V. Vidya Sagar	Asst. Prof.	
5	G. DURVASI	Asst. Prof.	
6	Sai Ram T.V.M.	Asst. Prof.	
7	Md. Imran	Asst. Prof.	
8	P. Nagarajesh	Asst. Prof.	

Signature of HOD



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VIJAYAWADA-520 008

**Title of the Certification:** Deep Learning And its Application**Year:** IV**Faculty Name:** Dr.V.Shanmuk Rao**Academic Year:** 2019-20**SYLLABUS****Classification:**

Alternative Techniques, Bayes' Theorem

Naïve Bayesian Classification

Bayesian Belief Networks

Association Analysis:

Basic Concepts and Algorithms

Problem Defecation, Frequent Item Set generation, Rule generation, compact representation of frequent item sets, FP-Growth Algorithm.

Cluster Analysis:

Basic Concepts and Algorithms

Overview: What Is Cluster Analysis? Different Types of Clustering, Different Types of Clusters

K-means: The Basic K-means Algorithm, K-means Additional Issues, Bisecting K-means, Strengths and Weaknesses, Agglomerative Hierarchical Clustering: Basic Agglomerative Hierarchical Clustering

Algorithm DBSCAN: Traditional Density Center-Based Approach, DBSCAN Algorithm, Strengths and Weaknesses.

Department: IT **Academic Year:** 2019-20**Name of the Program :** DEEP LEARNING AND ITS APPLICATION**List of Students Enrolled / Completed:** 54/54

S.no	Roll no	Student Name
1	16HP1A1201	SHAIK ASHA
2	16HP1A1202	SHAIK ASMATHUNNISA
3	16HP1A1203	SINGAREDDY BALA PRAVALI
4	16HP1A1204	KAGITA BHAVI
5	16HP1A1206	KALYANAM DIVYA
6	16HP1A1207	CHANUMOLU DIVYA
7	16HP1A1208	MUTYALA DIVYA RAJA NANDINI
8	16HP1A1209	PAMULAPATI GAYTHRI
9	16HP1A1210	MAREEDU HARIKA DEVI
10	16HP1A1211	HARSHITA S TEWANI
11	16HP1A1212	GUDLAVALLETI HEMALATHA
12	16HP1A1213	HEPSIBA SUSAN TATININI
13	16HP1A1214	ADAPA JAHNAVI
14	16HP1A1215	GOPISSETTI KEERTHI
15	16HP1A1216	ANDE KRISHNA MOUNIKA
16	16HP1A1217	VEERANKIL R KAVYA
17	16HP1A1218	PASUPULETI LAKSHMI



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18	16HP1A1219	KUNAPUREDDY MOHANA KUMARI
19	16HP1A1220	BODI MONICA
20	16HP1A1221	DHANNANA MONIKA DEVI
21	16HP1A1222	TAMMANA KAVYASRI
22	16HP1A1223	MANNAM NAGA ANUSHA
23	16HP1A1224	VEMULAKONDA PHANI SONIKA
24	16HP1A1225	PETLU PRIYANKA
25	16HP1A1226	PALANKI PRIYANKA
26	16HP1A1227	SUNKARA PRIYUSHA
27	16HP1A1228	KONERU RADHIKA
28	16HP1A1229	SAJJA ALEKHYA
29	16HP1A1230	POSANI SAI SINDHURA
30	16HP1A1231	GUTTA SAI VARNA
31	16HP1A1232	KATAKAM SATYA NAVYA SRI
32	16HP1A1233	PUTCHAKAYALA SIVA RANJANI
33	16HP1A1234	MANTENA SOWMYA
34	16HP1A1235	KASU SRAVANI
35	16HP1A1236	CHODISETTI SRAVYAMADHURI
36	16HP1A1237	GODAVARTI SUJANA
37	16HP1A1238	OGGU SUMANJALI
38	16HP1A1239	VANGAPANDU SUSHMASRI
39	16HP1A1240	VADLANI SWATHI SRI
40	16HP1A1241	M VENKATA SRAVANI
41	16HP1A1242	GALLA VYJAYANTHI
42	16HP1A1243	AZARA ZAINAB
43	16HP1A1244	RAYALA AKHILESH
44	16HP1A1245	VOGIRALA CHAITANYA SAI
45	16HP1A1247	SHAIK KHADAR BABA
46	16HP1A1248	SOMULA NISHANTH KUMAR
47	16HP1A1249	SHAIK RAFI JOHN SAIDA
48	16HP1A1250	SURAPANENI SAI SANDEEP
49	16HP1A1251	SUGGUNA SAI TEJA
50	16HP1A1252	DASU SATYA SAI SRIDHAR
51	16HP1A1253	SEERA SRISURYA
52	16HP1A1256	BATTULA VEERANJANEYULU
53	16HP1A1257	MOVVA VENKATA JAYADEEP CHOWDARY
54	16HP1A1259	VUTLA VISHNU TEJA

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on 'Database Foundations' was conducted for 4th year IT students from 18-11-2019 TO 16-03-2020. The program aimed at imparting the basics of Deep Learning and its Application to design the conceptual of Deep Learning and its Application to the students.



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Vijayawada-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

VIJAYAWADA - 520 008

FACULTY NAME: Dr. Shanmug Reddy

BRANCH: IT

ACADEMIC YEAR: 19-20

SUBJECT: Certification Course
Deep Learning & its Application

HOUR TAKEN		DATE																															
MONTH & DATE		SIGNATURE																															
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
1	16HP1A1001	Snok Asha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
2	1602	Snok Asmathumma	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	1603	Sing. redhy. bala. Paval	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
4	1604	Kadita. Bhavi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
5	1605	Kalyanam. Divya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
6	1606	Gammolu. Divya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
7	1608	Malyala. Divya. Nitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
8	1609	Gnyathi. Pannulaboli	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	1610	Maredu. Harika. Devi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
10	1611	Harshita. Sreewani	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	1602	Gudlavalle. Hemalatha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
12	1613	Potineri. Hepsaba. Suban	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
13	1614	Adana. Johnnani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	1615	Goppiseti. Keerthi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
15	1616	Arke. Krishan. Mounika	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	1617	Veeranani. L.R. Kavya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
17	1618	Pasupuleti. Lakshmi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
18	1619	Kunguru. reddu. mahar. Kithi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
19	1620	Bodi. monika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
20	1621	Dhananna. manika. devi	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21	1622	T.N.V. Sai. kavya. sai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
22	1623	Mannam. Naga. Anusha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
23	1624	V. Phani. Sonika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
24	1625	PETU. Priyanka	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
25	1626	Palakki. Priyanka	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
26	1627	Sulana. Bhusha	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
27	1628	Koneru. Radhika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
28	1629	SATJA. Salalekha	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
29	1630	Sai. Sridhara. posani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
30	1631	Sai. varma. gudda	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	1632	K. Satya. Nayana. Sri	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
32	1633	P. Siva. Ranjini	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
33	1634	Malena. Swamy	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
34	1635	Kasu. Sravan	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
35	1636	Chodiseti. Sanyas. madhuni	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
36	1637	Gaddavani. Sujana	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
37	1638	Ogu. Sumanidoli	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
38	1639	V. Sushma. Sri	A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

HOD SIGNATURE _____

HOD SIGNATURE

PRINCIPAL

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

FACULTY NAME : Dr. V. Shanmuk Rao
ACADEMIC YEAR : 19-20

SUBJECT: Certification course

HOD SIGNATURE

HOD SIGNATURE

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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

SAMPLE CERTIFICATE



Andhra Loyola Institute of Engineering and Technology Certificate of Completion

DEEP LEARNING AND ITS APPLICATIONS

Roll number : 16HP1A1201

This is to certify That Mr/Ms SHAIK ASHA
of Department of **Information Technology** has successfully completed **Certification Course**
Program for the Academic Year 2019-2020

Dr.V.SHANMUKHARAO
Associate Professor

S. KISHORE BABU
Associate Professor & HOD

Dr.O.MAHESH
Principal

Fr.Dr.A.FRANCIS XAVIER
Director


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



Andhra Loyola Institute of Engineering and Technology

Certificate of Completion

DEEP LEARNING AND ITS APPLICATIONS

Roll number : 16HP1A1202

This is to certify That Mr/Ms SHAIK ASMATHUNNISA
of Department of **Information Technology** has successfully completed **Certification Course**
Program for the Academic Year 2019-2020

Dr.V.SHANMUKHARAO
Associate Professor

S. KISHORE BABU
Associate Professor & HOD

Dr.O.MAHESH
Principal

Fr.Dr.A.FRANCIS XAVIER
Director


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Proofs for the Certification Course Program -2019-20-III – IT

INTERNET OF THINGS – IOT



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

Date: 12-11-2019

A certificate course on **Internet of Things** will be held from 20-11-2019 to 18-03-2020 at ALIET. Interested students can give their names to the department of IT. Students will get a certificate at the end of the course completion.


HoD


Principal
PRINCIPAL
**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**



**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF INFORMATION TECHNOLOGY
CERTIFICATION DETAILS**

Date: 14/11/2019

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certification Course named as Internet of Things and student active participation. Resolved to conduct the following course Internet of Things.

SNO	Name of the Faculty	Designation	Signature
1	S. Kishore Babu	Assoc. Prof.	[Signature]
2	V. V. Sagar	Asst. Prof.	[Signature]
3	A. V. Shanmukha Rao	Assoc. Prof.	[Signature]
4	T. Harika	Asst. Prof.	[Signature]
5	G. DURVASI	Asst. Prof.	[Signature]
6	P. Nagababu	Asst. Prof.	[Signature]
7	M. Imran	Asst. Prof.	[Signature]
8	Sai. Bala. T. V. M.	Asst. Prof.	[Signature]

Signature of HOD



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VIJAYAWADA-520 008

**Title of the Certification:**IOT
Faculty Name: HARKIKA**Year:** III**Academic Year:**2019-20**SYLLABUS****Introduction:**

Sensing & actuation, Communication-Part I, Part II, Networking-Part I, Part II Industry 4.0: Globalization and Emerging Issues, The Fourth Revolution, LEAN Production Systems, Smart and Connected Business Perspective, Smart Factories Industry 4.0: Cyber Physical Systems and Next Generation Sensors, Collaborative Platform and Product Lifecycle Management, Augmented Reality and Virtual Reality, Artificial Intelligence, Big Data and Advanced Analysis

Cybersecurity in Industry 4.0, Basics of Industrial IoT:

Industrial Processes-Part I, Part II, Industrial Sensing & Actuation, Industrial Internet Systems. IIoT-Introduction, Industrial IoT: Business Model and Reference Architecture: IIoT-Business Models-Part I, Part II, IIoT Reference Architecture-Part I, Part II. Industrial IoT- Layers: IIoT Sensing-Part I, Part II, IIoT Processing-Part I, Part II, IIoT Communication-Part I.

Industrial IoT- Layers:

IIoT Communication-Part II, Part III, IIoT Networking-Part I, Part II, Part III. Industrial IoT: Big Data Analytics and Software Defined Networks: IIoT Analytics - Introduction, Machine Learning and Data Science - Part I, Part II, R and Julia Programming, Data Management with Hadoop.

Industrial IoT:

Big Data Analytics and Software Defined Networks: SDN in IIoT-Part I, Part II, Data Center Networks, Industrial IoT: Security and Fog Computing: Cloud Computing in IIoT-Part I, Part II. Industrial IoT: Security and Fog Computing - Fog Computing in IIoT, Security in IIoT-Part I, Part II, Industrial IoT-Application Domains: Factories and Assembly Line, Food Industry

Department:IT**Academic Year:**2019-20**Name of the Program :** IOT**List of Students Enrolled / Completed:**45/45

S.NO	REG. NO	NAMES
1	17HP1A1201	A.BhagyaSri
2	17HP1A1202	K.Bhavani
3	17HP1A1203	N.Ganga Lakshmi Prasanna
4	17HP1A1204	K.Harika
5	17HP1A1205	Ch.Harika
6	17HP1A1206	K.Jahnavi
7	17HP1A1207	M.Kavya




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8	17HP1A1208	B.Lavanya
9	17HP1A1210	D.LeelaBhavani
10	17HP1A1214	M.Namitha
11	17HP1A1215	M.Nandini
12	17HP1A1216	R.NandiniPriya
13	17HP1A1217	V.Navya
14	17HP1A1218	P.Navyatha
15	17HP1A1219	B.Prasanthi
16	17HP1A1220	M.Rajeswari
17	17HP1A1221	K.RathnaKumari
18	17HP1A1222	Sk.Reshma
19	17HP1A1224	A.SaiHarshini
20	17HP1A1225	M.Sirisha
21	17HP1A1227	M.Sirisha
22	17HP1A1228	B.Sirisha
23	17HP1A1229	T.S.L.S.Harini
24	17HP1A1230	K.SriDevi
25	17HP1A1231	P.S.J.Rajeswari
26	17HP1A1232	V.Sruthi
27	17HP1A1233	J.Swarupa
28	17HP1A1234	N.V.S.D.S.Nikitha
29	17HP1A1235	N.VamsiPriya
30	17HP1A1236	N.Aditya Paul
31	17HP1A1237	Ch.Akhil
32	17HP1A1238	S.ChandraVamsi
33	17HP1A1239	Y.Dhanushpani
34	17HP1A1240	K.Eswar Sai
35	17HP1A1241	Md.G.N.Mohiddin
36	17HP1A1243	Sy.Md.Ashraf
37	17HP1A1244	M.Mohan Sai
38	17HP1A1245	Sk.NagurMeeravali
39	17HP1A1246	P.Narendra
40	17HP1A1249	J.Rajesh
41	17HP1A1250	K.SaiManidhar
42	17HP1A1252	Y.SaiVamsi



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VIJAYAWADA-520 008

43	17HP1A1253	S.Santosh Kumar
44	17HP1A1254	Md.Shafi
45	17HP1A1255	G.Subbayya
<u>Assessment Procedures</u>		
➤ Exam		
<u>Report Of Certification Course</u>		
An extensive certification course on ' INTERNET OF THINGS (IOT) ' was conducted for 3 th year IT students from 20-11-2019 TO 18-03-2020. The program aimed at imparting the basics of INTERNET OF THINGS (IOT) to design the conceptual of IOT to the students.		



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VIJAYAWADA-520 008

Department:IT

Academic Year:2019-20

Name of the Program : IOT

List of Students Enrolled / Completed:45/45

S.NO	REG. NO	NAMES
1	17HP1A1201	A.BhagyaSri
2	17HP1A1202	K.Bhavani
3	17HP1A1203	N.Ganga Lakshmi Prasanna
4	17HP1A1204	K.Harika
5	17HP1A1205	Ch.Harika
6	17HP1A1206	K.Jahnavi
7	17HP1A1207	M.Kavya

A. BhagyaSri

K. Bhavani

N. Ganga Lakshmi
Prasanna

K. Harika

Ch. Harika

K. Jahnavi

M. Kavya

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8	17HP1A1208	B.Lavanya	B. Lavanya
9	17HP1A1210	D.LeelaBhavani	D. LeelaBhavani
10	17HP1A1214	M.Namitha	M. Namitha
11	17HP1A1215	M.Nandini	M. Nandini
12	17HP1A1216	R.NandiniPriya	R. Priya
13	17HP1A1217	V.Navya	V. Navya
14	17HP1A1218	P.Navyatha	P. Navya
15	17HP1A1219	B.Prasanthi	B. Prasanthi
16	17HP1A1220	M.Rajeswari	M. Rajeswari
17	17HP1A1221	K.RathnaKumari	K. RathnaKumari
18	17HP1A1222	Sk.Reshma	Sk. Reshma
19	17HP1A1224	A.SaiHarshini	A. SaiHarshini
20	17HP1A1225	M.Sirisha	M. Sirisha
21	17HP1A1227	M.Sirisha	M. Sirisha
22	17HP1A1228	B.Sirisha	B. Sirisha
23	17HP1A1229	T.S.L.S.Harini	T. S. L. S. Harini
24	17HP1A1230	K.SriDevi	K. SriDevi
25	17HP1A1231	P.S.J.Rajeswari	P. S. J. Rajeswari
26	17HP1A1232	V.Sruthi	V. Sruthi
27	17HP1A1233	J.Swarupa	J. Swarupa
28	17HP1A1234	N.V.S.D.S.Nikitha	N. V. S. D. S. Nikitha
29	17HP1A1235	N.VamsiPriya	N. VamsiPriya
30	17HP1A1236	N.Aditya Paul	N. Aditya Paul
31	17HP1A1237	Ch.Akhil	Ch. Akhil
32	17HP1A1238	S.ChandraVamsi	S. ChandraVamsi
33	17HP1A1239	Y.Dhanushpani	Y. Dhanushpani
34	17HP1A1240	K.Eswar Sai	K. Eswar Sai
35	17HP1A1241	Md.G.N.Mohiddin	Md. G. N. Mohiddin
36	17HP1A1243	Sy.Md.Ashraf	Sy. Md. Ashraf
37	17HP1A1244	M.Mohan Sai	M. Mohan Sai
38	17HP1A1245	Sk.NagurMeeravali	Sk. NagurMeeravali
39	17HP1A1246	P.Narendra	P. Narendra
40	17HP1A1249	J.Rajesh	J. Rajesh
41	17HP1A1250	K.SaiManoj	K. SaiManoj
42	17HP1A1252	Y.SaiVamshi	Y. SaiVamshi

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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

43	17HP1A1253	S.Santosh Kumar	S Shafi Sub
44	17HP1A1254	Md.Shafi	
45	17HP1A1255	G.Subbayya	

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on '**INTERNET OF THINGS (IOT)**' was conducted for 3th year IT students from 20-11-2019 TO 18-03-2020. The program aimed at imparting the basics of **INTERNET OF THINGS (IOT)** to design the conceptual of IOT to the students.



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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

SUBJECT: MAC-TOT

HOD SIGNATURE _____

HOD SIGNATURE

ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008.

FACULTY NAME: Harika
ACADEMIC YEAR: 2019-20

SUBJECT: VAC - IOT

HOD SIGNATURE 

HOD SIGNATURE

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ENGINEERING & TECHNOLOGY
VJIJAYAPADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: *Hanika*
ACADEMIC YEAR: 2019-20

BRANCH: 17
SUBJECT: VAL-107

HOUR TAKEN																																
MONTH & DATE																																
SIGNATURE																																
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	1201	Akwa Bhagya Sri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	1202	Kallip Bhawani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	1203	Namburi Ganakrishna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4	1204	Kanuri Hanika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	1205	Chinthula Hanika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6	1206	Kunkipati Tribhuvan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
7	1207	moderndhan kanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8	1208	Bundi kanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	1209	Uppala kanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	1210	Dasari leela bhawani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	1211	Nadti mounasa dani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
12	1212	Nada mounika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
13	1213	Vallamuri kanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	1214	Ratnakumar shirya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15	1215	Pellamurthi Prasantha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	1216	mananpalle Rajeswar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
17	1217	Kakula Rana kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
18	1218	Shank Rishma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19	1219	Sri Hanishri Aklur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
20	1220	Makala Srihna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21	1221	Mangumala Srihna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
22	1222	Reddy Srihna	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
23	1223	J. Sri lakshmi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24	1224	K. Sri dani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
25	1225	P. Sri Jaya Rajeswar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
26	1226	V. Sruithi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
27	1227	J. Sruithi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
28	1228	N. Sri durga	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
29	1229	N. Sri durga	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
30	1230	C. Alka	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	1231	S. Chandra kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
32	1232	Y. Chandra kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
33	1233	R. Elana Sri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
34	1234	M.D. Gulamirao	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
35	1235	Syed M.D. subrat	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
36	1236	Malli maharaja	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
37	1237	Ek Nagar mawali	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
38			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

HOD SIGNATURE

HOD SIGNATURE

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: *Arjika*

BRANCH: IT

ACADEMIC YEAR: 2019-20

SUBJECT: VAC-107

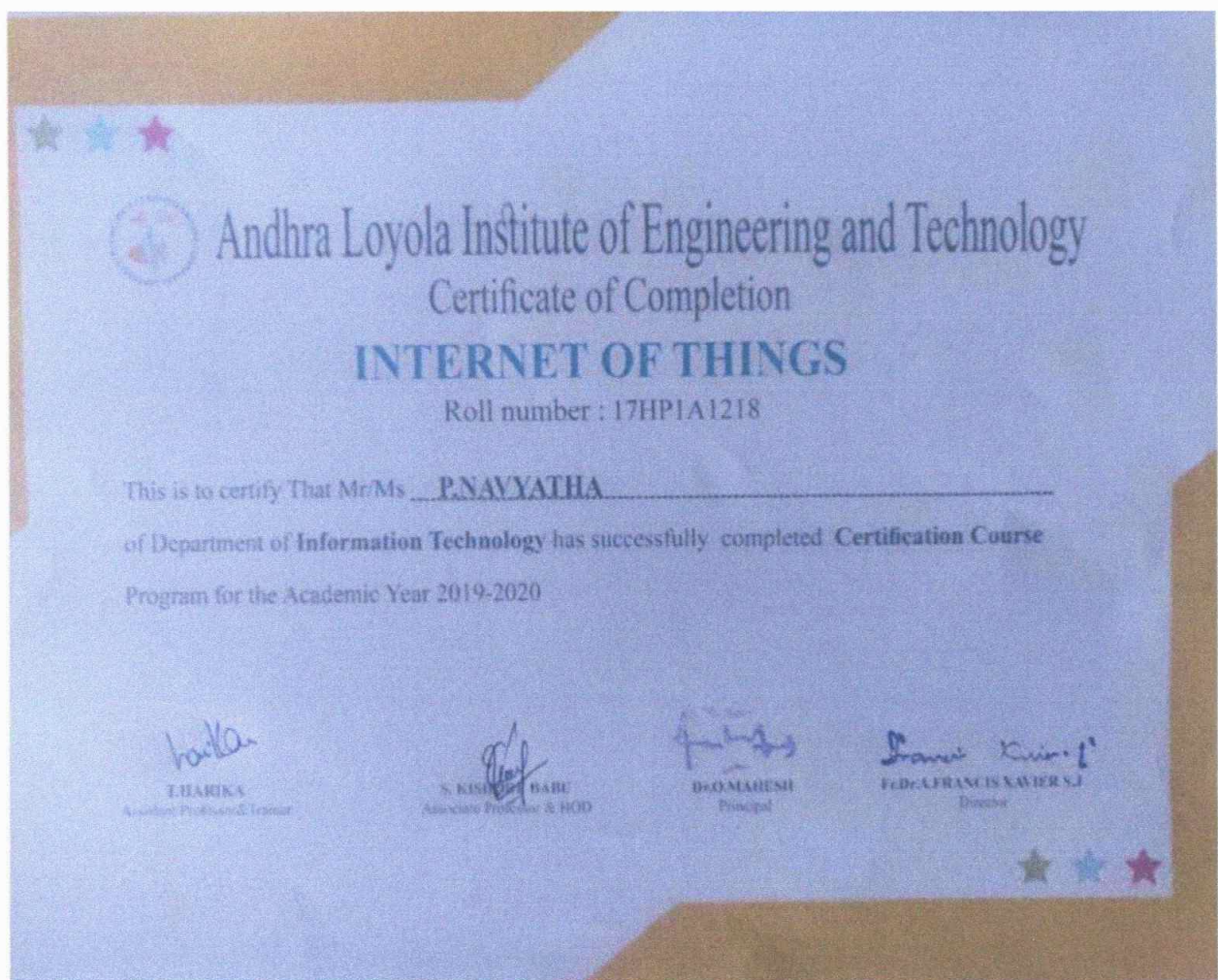
HOUR TAKEN			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MONTH & DATE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39	1144	P. Alexander	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	P.No
40	1249	R. Rajesh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	Raj
41	1250	K. Saranidhar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
42	1252	V. Sri Varun	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
43	1253	S. Senthil Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
44	1254	Md. Shah	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
45	1255	G. Subhanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
46	1256	Vamsi Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	SL
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HOD SIGNATURE

HOD SIGNATURE

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

SAMPLE CERTIFICATE



[Signature]
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



[Signature]
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Proofs for the Certification Course Program -2019-20-II EEE
ADVANCED ELECTRIC DRIVES AND CONTROL



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 10-09-2019

We, at Andhra Loyola Institute of Engineering & Technology, believe in bringing out the best in our students by offering them a certificate course from 9-10-2019 to 26-11-2019 on **Advanced Electric Drives and Control** that includes learning on a variety of topics. Kindly don't miss this golden opportunity.


HoD


Principal

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY,****VIJAYAWADA-8****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING****CERTIFICATION DETAILS**

Date: 03-10-2019

MINUTES OF MEETING

The meeting was conducted in the department of EEE. The agenda of the meeting was to discuss about the certification course named as ADVANCED ELECTRIC DRIVES AND CONTROL and the student active participation. Resolved to conduct the following courses: ADVANCED ELECTRIC DRIVES AND CONTROL.

S.No	Name of the Faculty	Designation	Signature
1	Dr. G. Naveen Kumar	Assoc. Professor	
2	Dr. M. Ajay Kumar	Assoc. Professor	
3	V. Anantha Lakshmi	Asst. Professor	
4	T. Krishna Mohan	Asst. Professor	
5	L. Karunakar	Asst. Professor	
6	M. Rama Krishna	Asst. Professor	
7	Gantaiah Swamy	Asst. Professor	


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008




Signature of HoD



Faculty Name: L. Karunakar

Academic Year: 2019 - 20

Name of the Certification: Advanced Electric Drives and Control

Year/Sem: II / I

SYLLABUS

Unit – 1:

DC Motor Drive and its Operational Strategies: Dynamic model of machine with armature voltage control only and converters with continuous conduction only; Closed loop control using single (speed) and two loops (speed, current). Implementation using circulating current type three phase dual converter and four quadrant transistorized chopper.

Unit – 2:

Phase symmetrical-AC Drives and its Operational Strategies: Variable frequency operation of three induction machine, Scalar control methods for constant power and constant torque modes, Vector control of induction machine, Methods of field sensing and estimation, Field orientation methods: Implementation of IRFO scheme using current controlled PWM, VSI and implementation of DSFO scheme using CSI, Performance of vector controlled permanent magnet machine.

Unit – 3:

CONTROL OF PERMANENT MAGNET MACHINE: Power Electronics Control of Permanent magnet synchronous machine, Brushless DC machine, Surface permanent magnet machine and interior.



L. Karunakar
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 029



Department: EEE

Academic Year: 2019-20

Name of the Program: Advanced Electric Drives and Control			
List of Students Enrolled / Completed: 15			
S. No	Roll Number	Name	Course
1	18HP1A0201	J. Aneela	Advanced Electric Drives and Control
2	18HP1A0204	K. Hadassa Evanjilin	Advanced Electric Drives and Control
3	18HP1A0206	J. Keerthana	Advanced Electric Drives and Control
4	18HP1A0210	A. Rakshitha	Advanced Electric Drives and Control
5	18HP1A0217	R. Vaishnavi	Advanced Electric Drives and Control
6	18HP1A0220	M. Ajay	Advanced Electric Drives and Control
7	18HP1A0228	G. Karthik	Advanced Electric Drives and Control
8	18HP1A0234	S. Nagaraju	Advanced Electric Drives and Control
9	18HP1A0247	D. Tejpal	Advanced Electric Drives and Control
10	18HP1A0250	Ch. Trinadh	Advanced Electric Drives and Control
11	19HP5A0201	B. Madhuri	Advanced Electric Drives and Control
12	19HP5A0206	T. Ajay	Advanced Electric Drives and Control
13	19HP5A0208	B. Saikumar	Advanced Electric Drives and Control
14	19HP5A0211	U. Syam Prasad	Advanced Electric Drives and Control
15	19HP5A0212	K. Vamsi	Advanced Electric Drives and Control
Assessment Procedure			
➤ Viva			
Report of Certification Course			
An extensive certification course on "Advanced Electric Drives and Control" for 2 nd year EEE students from 09-10-2019 to 26-11-2019. The program aimed at imparting the knowledge of operational strategies of DC & AC drives and PM machine control to the students and also some of the advanced concepts which are not there in the curriculum.			



PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Department: EEE

Academic Year: 2019-20

Name of the Program: Advanced Electric Drives and Control			
List of Students Enrolled / Completed: 15			
S. No	Roll Number	Name	Course
1	18HP1A0201	J. Aneela	Advanced Electric Drives and Control
2	18HP1A0204	K. Hadassa Evanjinlin	Advanced Electric Drives and Control
3	18HP1A0206	J. Keerthana	Advanced Electric Drives and Control
4	18HP1A0210	A. Rakshitha	Advanced Electric Drives and Control
5	18HP1A0217	R. Vaishnavi	Advanced Electric Drives and Control
6	18HP1A0220	M. Ajay	Advanced Electric Drives and Control
7	18HP1A0228	G. Karthik	Advanced Electric Drives and Control
8	18HP1A0234	S. Nagaraju	Advanced Electric Drives and Control
9	18HP1A0247	D. Tejpal	Advanced Electric Drives and Control
10	18HP1A0250	Ch. Trinadh	Advanced Electric Drives and Control
11	19HP5A0201	B. Madhuri	Advanced Electric Drives and Control
12	19HP5A0206	T. Ajay	Advanced Electric Drives and Control
13	19HP5A0208	B. Saikumar	Advanced Electric Drives and Control
14	19HP5A0211	U. Syam Prasad	Advanced Electric Drives and Control
15	19HP5A0212	K. Vamsi	Advanced Electric Drives and Control

J. Aneela
K. Hadassa Evanjinlin
J. Keerthana
A. Rakshitha
R. Vaishnavi
M. Ajay
G. Karthik
S. Nagaraju
D. Tejpal
Ch. Trinadh
B. Madhuri
T. Ajay
B. Saikumar
U. Syam Prasad
K. Vamsi

Assessment Procedure

➤ Viva

Report of Certification Course

An extensive certification course on "Advanced Electric Drives and Control" for 2nd year EEE students from 09-10-2019 to 26-11-2019. The program aimed at imparting the knowledge of operational strategies of DC & AC drives and PM machine control to the students and also some of the advanced concepts which are not there in the curriculum.

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME: L. Karunakar

BRANCH: EEE

ACADEMIC YEAR: 2019-20

SUBJECT: Advanced Electrical
Drives and Controls

HOUR TAKEN			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG.NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	18HPIA0201	J. Anuradha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	18HPIA0202	K. Madasa Evarajilin	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	18HPIA0203	T. Keerthana	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4	18HPIA0204	A. Rakshitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	18HPIA0205	R. Varshnavi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6	18HPIA0206	M. Ajay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
7	18HPIA0207	G. Kauthik	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8	18HPIA0208	S. Nagaraju	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	18HPIA0209	D. Tejpal	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	18HPIA0210	Ch. Trinadh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	19HPIA0201	B. Madhuri	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
12	19HPIA0202	T. Ajay	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
13	19HPIA0203	B. Saikumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	19HPIA0204	U. Syam Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15	19HPIA0205	K. Varma	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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[Signature]

SAMPLE CERTIFICATE

Andhra Loyola Institute of Engineering and Technology

Department of EEE



Certificate

MICHAEL FARADAY
Research Center

This is to certify that Mr./Ms. **U. SYAM PRASAD** has attended course on "*Advanced Electric Drives and Control*" conducted from 9th October to 26th November 2019.


Dr. G. Naveen Kumar
H.O.D, EEE


Dr. O. Mahesh
Principal


PRINCIPAL
ANDHRA LOYOLA INSTITUTE (ENGINEERING & TECHNOLOGY)
VIJAYAWADA-520 008

Andhra Loyola Institute of Engineering and Technology

Department of EEE



Certificate

MICHAEL FARADAY
Research Center

*This is to certify that Mr./Ms. M. AJAY has attended course on
"Advanced Electric Drives and Control" conducted from 9th October to
26th November 2019.*


Dr. G. Naveen Kumar
H.O.D, EEE


Dr. O. Mahesh
Principal


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Proofs for the Certification Course Program -2019-20- III-EEE

INTELLIGENT SYSTEMS



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 14-02-2020

This is to bring to your kind notice that the topic **Intelligent Systems** a certificate course will be briefed on 6-03-2020. The course will be held from 9-03-2020 to 14-03-2020 under the supervision of the department of EEE. All the students are invited to make use of this opportunity.


HoD


Principal

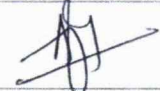
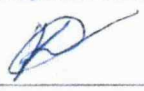
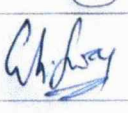
**PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-52000**

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY,****VIJAYAWADA-8****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING****CERTIFICATION DETAILS**

Date: 02-03-2020

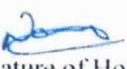
MINUTES OF MEETING

The meeting was conducted in the department of EEE. The agenda of the meeting was to discuss about the certification course named as INTELLIGENT SYSTEMS and the student active participation. Resolved to conduct the following courses: INTELLIGENT SYSTEMS.

S.No	Name of the Faculty	Designation	Signature
1	Dr. G. Naveen Kumar	Assoc. Professor	
2	Dr. M. Ajay Kumar	Assoc. Professor	
3	V. Anantha Lakshmi	Asst. Professor	
4	T. Krishna Mohan	Asst. Professor	
5	L. Karunakar	Asst. Professor	
6	M. Rama Krishna	Asst. Professor	
7	Gantaiah Swamy	Asst. Professor	


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008




Signature of HoD



Faculty Name: T. Krishna Mohan

Academic Year: 2019 - 20

Name of the Certification: Intelligent Systems

Year/Sem: III / II

SYLLABUS

Day – 1: Introduction, Beginning Java, Agents, More Java

Day – 2: Search, Informed Search/CSP

Day – 3: Propositional Logic, 1st Order Logic

Day – 4: Knowledge Representation, Inference in 1st Order Logic

Day – 5: Prolog, Planning, Neural Networks, Uncertainty

Day – 6: Machine Learning, NLP, Conclusions



the
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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 009



Department: EEE

Academic Year: 2019-20

Name of the Program: Intelligent Systems**List of Students Enrolled / Completed: 25**

S. No	Roll Number	Name	Course
1	17HP1A0203	K Jyothi	Intelligent Systems
2	17HP1A0207	M Kiranmai	Intelligent Systems
3	17HP1A0208	M Kousalya	Intelligent Systems
4	17HP1A0211	H Pragna	Intelligent Systems
5	17HP1A0212	K Prathima	Intelligent Systems
6	17HP1A0214	K Priyanka	Intelligent Systems
7	17HP1A0217	K Spandana	Intelligent Systems
8	17HP1A0220	K Susmitha	Intelligent Systems
9	17HP1A0223	K Yogini	Intelligent Systems
10	17HP1A0227	N Bhanu Prakash	Intelligent Systems
11	17HP1A0231	S Krishna Vamsi	Intelligent Systems
12	17HP1A0239	B Praveen	Intelligent Systems
13	17HP1A0241	M Raghu	Intelligent Systems
14	17HP1A0249	N Charan	Intelligent Systems
15	17HP1A0255	K Yashvanth	Intelligent Systems
16	18HP5A0202	K Nandhini	Intelligent Systems
17	18HP5A0204	N Tejasri	Intelligent Systems
18	18HP5A0206	S Harish	Intelligent Systems
19	18HP5A0208	G Hemanth	Intelligent Systems
20	18HP5A0209	J Naresh	Intelligent Systems
21	18HP5A0210	G Rithvik	Intelligent Systems
22	18HP5A0212	K Sai Teja	Intelligent Systems
23	18HP5A0213	P Venkatesh	Intelligent Systems
24	18HP5A0214	G Venkateswar Rao	Intelligent Systems
25	16HP1A0238	D Ijak	Intelligent Systems

Assessment Procedure

➤ Viva

Report of Certification Course

An extensive certification course on "Intelligent Systems" for 3rd year EEE students from 09-03-2020 to 14-03-2020. The program aimed at imparting the knowledge of intelligent systems, neural networks and machine learning to the students and also some of the advanced concepts which are not there in the curriculum.




PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 009

Department: EEE

Academic Year: 2019-20

Name of the Program: Intelligent Systems			
List of Students Enrolled / Completed: 25			
S. No	Roll Number	Name	Course
1	17HP1A0203	K Jyothi	Intelligent Systems
2	17HP1A0207	M Kiranmai	Intelligent Systems
3	17HP1A0208	M Kousalya	Intelligent Systems
4	17HP1A0211	H Pragna	Intelligent Systems
5	17HP1A0212	K Prathima	Intelligent Systems
6	17HP1A0214	K Priyanka	Intelligent Systems
7	17HP1A0217	K Spandana	Intelligent Systems
8	17HP1A0220	K Susmitha	Intelligent Systems
9	17HP1A0223	K Yogini	Intelligent Systems
10	17HP1A0227	N Bhanu Prakash	Intelligent Systems
11	17HP1A0231	S Krishna Vamsi	Intelligent Systems
12	17HP1A0239	B Praveen	Intelligent Systems
13	17HP1A0241	M Raghu	Intelligent Systems
14	17HP1A0249	N Charan	Intelligent Systems
15	17HP1A0255	K Yashvanth	Intelligent Systems
16	18HP5A0202	K Nandhini	Intelligent Systems
17	18HP5A0204	N Tejasri	Intelligent Systems
18	18HP5A0206	S Harish	Intelligent Systems
19	18HP5A0208	G Hemanth	Intelligent Systems
20	18HP5A0209	J Naresh	Intelligent Systems
21	18HP5A0210	G Rithvik	Intelligent Systems
22	18HP5A0212	K Sai Teja	Intelligent Systems
23	18HP5A0213	P Venkatesh	Intelligent Systems
24	18HP5A0214	G Venkateswar Rao	Intelligent Systems
25	16HP1A0238	D Ijak	Intelligent Systems

K. Jyothi
 M. Kiranmai
 M. Kousalya
 H. Pragna
 K. Prathima
 K. Priyanka
 K. Spandana
 K. Susmitha
 K. Yogini
 N. Bhanu Prakash
 S. Krishna Vamsi
 B. Praveen
 M. Raghu
 N. Charan
 K. Yashvanth
 K. Nandhini
 N. Tejasri
 S. Harish
 G. Hemanth
 J. Naresh
 G. Rithvik
 K. Sai Teja
 P. Venkatesh
 G. Venkateswar Rao
 D. Ijak

Assessment Procedure

➤ Viva

Report of Certification Course

An extensive certification course on "Intelligent Systems" for 3rd year EEE students from 09-03-2020 to 14-03-2020. The program aimed at imparting

FACULTY NAME: T. Krishna Mohan
 ACADEMIC YEAR: 2019-20

BRANCH: EEE

SUBJECT: Intelligent Systems

HOUR TAKEN MONTH & DATE SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
S.NO.	REG NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	17HP1AC205	K. Jyothi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	17HP1AC207	M. Kiranmai	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
3	17HP1AC208	M. Kousalya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
4	17HP1AC211	H. Pragya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
5	17HP1AC212	K. Prathima	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6	17HP1AC214	K. Prithvika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
7	17HP1AC215	K. Sreedana	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
8	17HP1AC220	K. Susmitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
9	17HP1AC223	K. Jagini	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10	17HP1AC227	N. Bharu Prakash	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	17HP1AC231	S. Krishna Vamsi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
12	17HP1AC239	B. Praveen	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
13	17HP1AC247	N. Charan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14	17HP1AC241	M. Raghu	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
15	17HP1AC256	K. Yashwanth	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
16	17HP1AC265	K. Nandhini	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
17	17HP1AC266	N. Tejasvi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
18	17HP1AC266	S. Harish	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19	17HP1AC268	G. Hemant	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
20	17HP1AC269	T. Narech	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
21	17HP1AC270	G. Rithvik	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
22	17HP1AC272	K. Sri Teja	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
23	17HP1AC273	P. Venkatesh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
24	17HP1AC274	G. Venkateswar Rao	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
25	17HP1AC278	D. Jyoti	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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HOD SIGNATURE

HOD SIGNATURE

ANDHRA LOYOLA INSTITUTE OF
VIJAYAN

FACULTY NAME : G. Krishna Mohan

ACADEMIC YEAR: 2019-20

HOUR TAKEN

MONTH & DATE

SIGNATURE

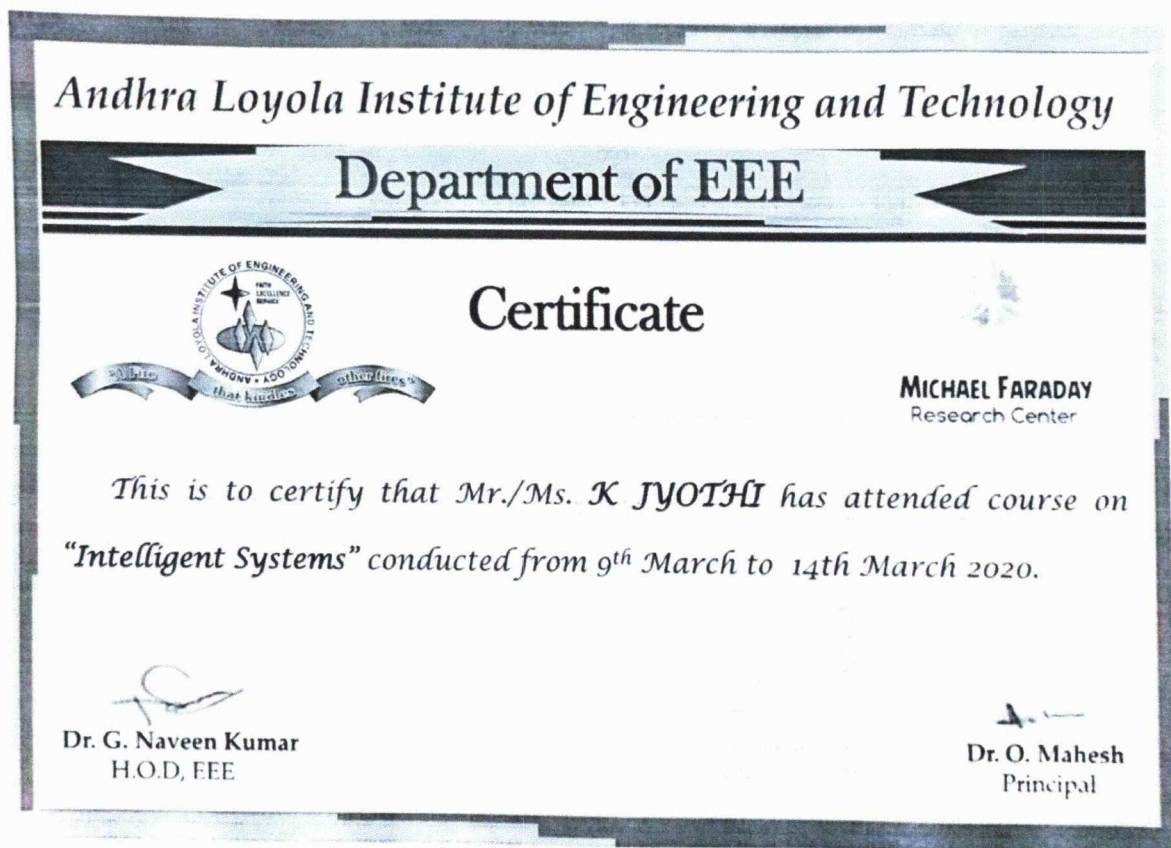
S.NO.	REG NO.	STUDENT NAME
1	17HPIA0203	K. Jyothi
2	17HPIA0207	M. Kiranmai
3	17HPIA0208	M. Kausalya
4	17HPIA0211	H. Pragna
5	17HPIA0212	K. Prathima
6	17HPIA0214	K. Priyanka
7	17HPIA0219	K. Spandana
8	17HPIA0220	K. Susmitha
9	17HPIA0223	K. Jyagini
10	17HPIA0227	N. Bharu Prakash
11	17HPIA0231	S. Krishna Vamsi
12	17HPIA0239	B. Praveen
13	17HPIA0249	N. Charan
14	17HPIA0241	M. Raghu
15	17HPIA0255	K. Yashwanth
16	18HP5A0202	K. Nandhini
17	18HP5A0204	N. Tejasri
18	18HP5A0206	S. Harish
19	18HP5A0208	G. Hemanth
20	18HP5A0209	D. Naresh
21	18HP5A0210	G. Rithvik
22	18HP5A0212	K. Sri Teja
23	18HP5A0213	P. Venkatesh
24	18HP5A0214	G. Venkateswar Rao
25	18HP5A0238	D. Tjak
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[illegible]

K. Jagathi
M. K. Varma
M. Kousalya
H. Kousalya
H. Pragna
K. Prathina
K. Priya K.
K. Sreedara
K. Suvitha
K. Yegini
N. Shanmukh
S. Krishnakumar
B. Pooja
A. Chaitanya
M. Raju
K. Yashwanth
K. Anandh
N. Teja
H. S.
G. Hemant
J. Naveen
G. Rithwik
K. Jayteja
P. Venkatesh
G. V. Rao
D. Dik

HOD SIGNATURE

SAMPLE CERTIFICATE




PRINCIPAL
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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Andhra Loyola Institute of Engineering and Technology

Department of EEE



Certificate

MICHAEL FARADAY
Research Center

This is to certify that Mr./Ms. **M KIRANMAI** has attended course on "**Intelligent Systems**" conducted from 9th March to 14th March 2020.


Dr. G. Naveen Kumar
H.O.D, EEE


Dr. O. Mahesh
Principal


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Proofs for the Certification Course Program -2019-20-IV EEE

ANDROID APPLICATION DEVELOPMENT



**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING AND TECHNOLOGY**

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

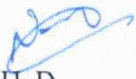
VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 24-02-2020

This is to bring to your kind notice that the department of EEE is organising a certificate course on **Android Application Development** from 09-03-2020 to 14-03-2020. Interested students are invited to give their names for participating in this course.


HoD


Principal

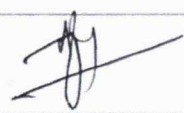
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY,****VIJAYAWADA-8****DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING****CERTIFICATION DETAILS**

Date: 02-03-2020

MINUTES OF MEETING

The meeting was conducted in the department of EEE. The agenda of the meeting was to discuss about the certification course named as ANDROID APPLICATION DEVELOPMENT and the student active participation. Resolved to conduct the following courses: ANDROID APPLICATION DEVELOPMENT.

S.No	Name of the Faculty	Designation	Signature
1	Dr. G. Naveen Kumar	Assoc. Professor	
2	Dr. M. Ajay Kumar	Assoc. Professor	
3	V. Anantha Lakshmi	Asst. Professor	
4	T. Krishna Mohan	Asst. Professor	
5	L. Karunakar	Asst. Professor	
6	M. Rama Krishna	Asst. Professor	
7	G. Gantaiah Swamy	Asst. Professor	


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 005




Signature of HoD



Faculty Name: V. Anantha Lakshmi

Academic Year: 2019 - 20

Name of the Certification: Android Application Development

Year/Sem: IV / II

SYLLABUS

Unit – 1:

Introduction to Mobile Computing, Introduction to Android Development Environment, Factors in Developing Mobile Applications, Mobile Software Engineering, Frameworks and Tools, Generic UI Development, Android User

Unit – 2:

More on UIs, VUIs and Mobile Apps, Text-to-Speech Techniques b. Designing the Right UI, Multichannel and Multi-modal UIs, Intents and Services, Android Intents and Services, Characteristics of Mobile Applications, Successful Mobile Development

Unit – 3:

Storing and Retrieving Data, Synchronization and Replication of Mobile Data, Getting the Model Right, Android Storing and Retrieving Data, Working with a Content Provider, Communications Via Network and the Web, State Machine, Correct Communications Model, Android Networking and Web



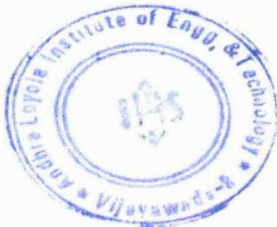

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VIJAYAWADA-520 008



Department: EEE

Academic Year: 2019-20

Name of the Program: Android Application Development			
List of Students Enrolled / Completed: 22			
S. No	Roll Number	Name	Course
1	16HP1A0202	SK Anisha	Android Application Development
2	16HP1A0203	D Avanthi	Android Application Development
3	16HP1A0206	T Durga	Android Application Development
4	16HP1A0211	G Lalitha	Android Application Development
5	16HP1A0212	D Likitha	Android Application Development
6	16HP1A0221	G Rani	Android Application Development
7	16HP1A0222	T Revathi	Android Application Development
8	16HP1A0225	S Sathvika	Android Application Development
9	16HP1A0226	U Sowjanya	Android Application Development
10	16HP1A0228	N Vindhya	Android Application Development
11	16HP1A0233	T Bhargav	Android Application Development
12	16HP1A0239	Ch Joshua	Android Application Development
13	16HP1A0241	K Nehemya	Android Application Development
14	16HP1A0243	M Pavan	Android Application Development
15	16HP1A0250	D Vamsee	Android Application Development
16	17HP5A0201	D Divya	Android Application Development
17	17HP5A0202	T Jyothi	Android Application Development
18	17HP5A0203	K Navya	Android Application Development
19	17HP5A0204	P Sukanya	Android Application Development
20	17HP5A0208	H Madhan	Android Application Development
21	17HP5A0213	B S MaheshBabu	Android Application Development
22	17HP5A0214	N Sitaram	Android Application Development
Assessment Procedure			
➤ Viva			
Report of Certification Course			
An extensive certification course on "Android Application Development" for 4 th year EEE students from 09-03-2020 to 14-03-2020. The program aimed at imparting the knowledge of android application development to the students and also some of the advanced concepts which are not there in the curriculum.			




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VIJAYAWADA-520 002

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY VIJAYAWADA - 520 008

FACULTY NAME : V. Anantha letthini
ACADEMIC YEAR : 2019-20

BRANCH : EEE
SUBJECT : Android App Development

HOUR TAKEN			1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2						
MONTH & DATE			9/3	9/3	9/3	9/3	9/3	9/3	9/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3	10/3						
SIGNATURE																															
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
39	16HP1A0202	S.K. Anisha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
40	16HP1A0203	D. Avanthi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
41	16HP1A0206	T. Durga	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
42	16HP1A0211	G. Lalitha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
43	16HP1A0212	D. Lakshmi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
44	16HP1A0221	G. Rani	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
45	16HP1A0222	T. Revathi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
46	16HP1A0225	S. Sathvika	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
47	16HP1A0226	U. Sowjanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
48	16HP1A0228	N. Vindhya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
49	16HP1A0233	T. Bhargav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
50	16HP1A0237	Ch. Joshua	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
51	16HP1A0241	K. Nehemya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
52	16HP1A0243	M. Pavan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
53	16HP1A0250	D. Vanisee	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
54	17HP5A0201	D. Divya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
55	17HP5A0202	T. Jyothi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
56	17HP5A0203	K. Navya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
57	17HP5A0204	P. Sukanya	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
58	17HP5A0208	H. Madhan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
59	17HP5A0213	B.S. Mahesh Babu	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
60	17HP5A0214	N. Sitaram	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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HOD SIGNATURE

SAMPLE CERTIFICATE

Andhra Loyola Institute of Engineering and Technology

Department of EEE



Certificate

MICHAEL FARADAY
Research Center

This is to certify that Mr./Ms. SK ANISHA has attended course on "Android Application Development" conducted from 9th March to 14th March 2020.


Dr. G. Naveen Kumar
H.O.D, EEE


Dr. O. Mahesh
Principal


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008

Andhra Loyola Institute of Engineering and Technology

Department of EEE



Certificate



MICHAEL FARADAY
Research Center

This is to certify that Mr./Ms. **D AVNATHI** has attended course on
"Android Application Development" conducted from 9th March to
14th March 2020.


Dr. G. Naveen Kumar
H.O.D, EEE


Dr. O. Mahesh
Principal


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VIJAYAPURAM, 520 008



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 27-02-2020

A certificate course on **MANUFACTURING - CNC TURNING - EXPERT** is going to be organised for the students of Mechanical from 2-3-2020 to 7-3-2020. Kindly make use of this great opportunity to develop your knowledge and skills.


HoD


Principal
PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

**Proofs for the Certification Course Program -2019-20- IV
ME****MANUFACTURING -CNC-TUNNELING**
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILSMINUTES OF MEETING

Date 24/2/2020

The meeting is conducted in the department of Mechanical Engineering. The agenda of the meeting was to discuss about the "certification course "and student active participation. Resolved to conduct the following courses CNC Lab

S. No	Faculty name	Designation	Signature
1	Dr B.V.Sudheer Kumar	Professor	
2	Dr B.Sudheer Kumar	Associate professor	
3	Ch. Ranga Rao	Associate professor	
4	M. Sudhakar	Associate professor	
5	B. Susmitha	Assistant professor	
6	M. Srinivasa Reddy	Assistant professor	
7	K. TejaSwarup	Assistant professor	
8	G. G. Srinivasu	Assistant professor	
9	M. Geeta Rani	Assistant professor	
10	K. John Raja Ravi Kiran	Assistant professor	
11	E. Durgesh	Assistant professor	
12	T. V. Srinivasarao	Assistant professor	
13	S.P. Krishna Mithra	Assistant professor	
14	T..L. Prasanna Kumar	Assistant professor	
15	N. Naga Varun	Assistant professor	
16	Sk. Salman Beebi	Assistant professor	
17	B. Rama Rao	Assistant professor	
18	B. Sree chaitanya	Assistant professor	
19	T Subba Reddy	Assistant professor	

PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 009
Head
Department of
Mechanical Engineering



**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND
TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS**

Title of the Certification Program: CNC
Course Coordinator: E Durgesh
Academic Year: 2019-20

Duration:
Course Code: ME122937
Year / Sem: IV-II

SYLLABUS

BASIC FITTING WORK

Unit: 1.General Safety

- 1 Introduction
- 2 Necessity Of Safety
- 3 Accident
- 4 Why Accident Occurs
- 5 How To Avoid Accidents
- 6 Basic Safety Rules And Precautions
- 7 Basic Safety Rule
- 8 Safety Precaution
- 9 Safety Signs
- 10 Safety Signs
- 11 Prohibition Signs
- 12 Mandatory Signs
- 13 Warning Signs
- 14 Information Signs
- 15 Electrical Safety
- 16 Due To Contact With Conductor
- 17 Due To Contact With An Ungrounded Conductor
- 18 Due To Indirect Contact With An Ungrounded Conductor
- 19 Safety In Workshop
- 20 General Safety Precautions
- 21 Individual Safety-clothing And Personal Protective Equipment
- 22 First Aid
- 23 Worker With An Electrical Injury




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- 24 Electrical Rescue Techniques
- 25 First Aid For Electric Shock
- 26 First Aid For Electric Shock
- 27 Aid For Electrical Burns
- 28 Aid For Burns And Scalds
- 29 Aid For Severe Bleeding
- 30 Treating Shock - Cardio Pulmonary Resuscitation Or CPR
- 31 Fire
- 32 Chemistry Of Fire Or Factors For Fire
- 33 Classification Of Fire
- 34 General Procedure In Case Of Fire
- 35 Ways To Prevent Fire
- 36 Fire Ceases Equipment
- 37 Types Of Fire Extinguisher
- 38 Types Of Fire Extinguisher
- 39 Water Filled
- 40 Foam
- 41 Dry Powder
- 42 Carbon Dioxide
- 43 Color Coding Of Extinguisher
- 44 Choosing Fire Extinguishers
- 45 Lifting And Handling Loads
- 46 5 S Techniques
- 47 Introduction



for
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11 Assessment - Orthographic Projection

Unit: 5.Isometric Projection

- 1 Introduction
- 2 Isometric Axes, Lines And Planes
- 3 Isometric Scale
- 4 Isometric View
- 5 Assessment - Isometric Projection

Unit: 6.Fitting –

- 1 Introduction What Is Fitting
- 2 Need Of Fitting
- 3 Industrial Use
- 4 Assessment - Basic Fitting - Introduction

Unit: 7.Measuring And Marking Tools

- 1 Needs Of Measuring And Marking Tools
- 2 Measuring Tools
- 3 Marking Tools
- 4 Measuring System - British And Metric
- 5 Assessment - Measuring And Marking Tools

Unit:8.Files And Hacksaws

- 1 Introduction
- 2 Types Of Files
- 3 Classification Of Files
- 4 Filing
- 5 Hacksaw
- 6 Hand Hacksaw Cutting
- 7 Assessment - Files And Hacksaws




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Unit:9.Drilling

- 1 What Is Drilling
- 2 Need For Drilling
- 3 Drill
- 4 Common Terms Used In Drilling
- 5 Types Of Drilling Machines
- 6 Assessment - Drilling

Unit:10.Threads And Threading

- 1 Introduction
- 2 Terms Related To Screw Threads
- 3 Types Of Threads
- 4 Taps And Dies
- 5 Assessment - Threads And Threading

Unit: 11. Reamers And Reaming

- 1 Introduction
- 2 Types Of Reamers
- 3 Reaming
- 4 Care Of Reamers
- 5 Assessment - Reamers And Reaming

Unit:12.Grinding Wheels And Hand Grinding

- 1 Introduction
- 2 Need For Grinding
- 3 Industrial Use
- 4 Types Of Grinding Wheels
- 5 Mounting Of Grinding Wheel
- 6 Assessment - Grinding Wheels And Hand Grinding

Unit:13.Joining Of Metals

- 1 Introduction
- 2 Need For Joining Metals
- 3 Industrial Use
- 4 Types Of Fasteners
- 5 Caulking
- 6 Fullering
- 7 Soldering
- 8 Introduction




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- 35 Screwdriver
- 36 Spanners
- 37 Special Tools
- 38 Machine Vice
- 39 Bench Vice
- 40 Spirit Level
- 41 V-Block
- 42 Letter Or Number Punch
- 43 Machines And Equipments
- 44 Radial Drilling Machine
- 45 Hand Grinder
- 46 Pneumatic Grinder
- 47 Bench Grinder
- 48 Hacksaw Machine
- 49 Engineering Drawing - Introduction
- 50 Introduction
- 51 Classification
- 52 Usage
- 53 Correctness
- 54

Assessment - Engineering Drawing - Introduction

Unit: 3.Scales

- 1 Introduction
- 2 Types Of Scales
- 3 Assessment - Scales

Unit: 4.Orthographic Projection

- 1 Graphical Projection
- 2 Descriptive Geometry
- 3 Element Of Projection
- 4 Projection View
- 5 Four Quadrants
- 6 Glass Concept
- 7 Methods Of Projection
- 8 Orthographic Projection
- 9 Method Of First Angle Projection
- 10 Method Of Third Angle Projection




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 VIJAYAWADA-520 008

Unit: 2.Measuring Instruments Tools

- 1 Measuring Instruments
- 2 Steel Rule
- 3 Vernier Calipers
- 4 Digital Vernier Calipers
- 5 Dial Vernier Calipers
- 6 Vernier Height Gauge
- 7 Dial Indicator
- 8 Measuring Tape
- 9 Try Square
- 10 Micrometer
- 11 Bevel Protractor
- 12 Surface Plate
- 13 Parallel Block
- 14 General Tools
- 15 Calliper
- 16 Divider
- 17 Straight Scriber
- 18 Oil Stone
- 19 Oil Can
- 20 Plier
- 21 Clamp Toolmaker
- 22 Wheel Dresser
- 23 Angle Plate
- 24 Punch
- 25 Combination Set
- 26 Snap Blade
- 27 Snip
- 28 Wire Brush
- 29 Grinding Disc
- 30 Polish Paper
- 31 Wire Brush Wheel
- 32 Chisels And Hammers
- 33 Mallets
- 34 Allen Key




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- 9 Solder And Flux
- 10 Tip Tinning Process
- 11 Soldering Process
- 12 Soldering Tips
- 13 Brazing
- 14 Introduction
- 15 Need Of Grinding
- 16 Industrial Use
- 17 Flux
- 18 Brazing Torch
- 19 Brazing Process
- 20 Assessment - Joining Of Metals

Unit:14.Engineering Inspection

- 1 What Is Inspection
- 2 Need For Inspection
- 3 Need Of Tolerance
- 4 Common Terms
- 5 Fits
- 6 Assessment - Engineering Inspection

Unit:15.Heat Treatment Of Steels

- 1 Introduction
- 2 Need Of Heat Treatment
- 3 Common Heat Treatment Process
- 4 Industrial Use
- 5 Assessment - Heat Treatment Of Steels

Unit:16.Sheet Metal Work

- 1 Basics Of Sheet Metal Work
- 2 Marking And Measuring Tools
- 3 Sheet Metal Work
- 4 Joining Of Sheets
- 5 Safety In Sheet Metal Work
- 6 Applications Of Sheet Metal Work
- 7 Assessment - Sheet Metal Work




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Unit:17.Black Smithy Work

- 1 Introduction
- 2 Need For Black smithy And Forging
- 3 Industrial Use
- 4 Operations In Black smithy And Forging
- 5 Tools In Black smithy And Forging
- 6 Assessment - Black Smithy Work

Unit:18.Jigs And Fixtures

- 1 Introduction
- 2 Need For Jigs And Fixtures
- 3 Types Of Jigs And Fixtures
- 4 Assessment - Jigs And Fixtures

Assessment - Fitting Foundation



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MACHINING FOUNDATION

Unit:1 Material Handling And Safety

1. Introduction To Material Handling
2. Types Of Material Handling And Safety

Unit:2 Measuring Instruments

1. Steel Rule
2. Vernier Calliper
3. Digital Vernier
4. Dial Vernier
5. Height Vernier
6. Dial Indicator
7. Measuring Tape
8. Try Square
9. Micrometer
10. Bevel Protractor
11. Surface Plate
12. Thread Plug Gauge
13. Thread Ring Gauge
14. Thread Pitch Gauge
15. Bore Gauge
16. Comparator
17. Slip Gauge
18. Radius Checking Gauge
19. Snap Gauge
20. Plain Plug Gauge
21. Sine Bar
22. Sheet Metal Thickness Checking Gauge




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Unit:3.Introduction

1. What Is Machining
2. Different Machining Process
3. Terminology Used In Machining
4. Cutting Tools In Machining
5. Cutting Tool Nomenclature
6. Cutting Fluid In Machining
7. Industrial Use
8. Assessment – Introduction

Unit:4.Turning

1. Introduction
2. Working Principle Of Lathe Machine
3. Classification Of Lathe
4. Specification Of Centre lathe
5. Parts Of Centre Lathe
6. Accessories Of Centre Lathe
7. Operations On Centre Lathe
8. Tools For Turning
9. Tool Materials
10. Safety While Working
11. Assessment - Turning

Unit:5. Milling

1. Introduction
2. Working Principle Of Milling Machine
3. Classification Of Milling Machine
4. Specification Of Milling Machine
5. Difference between horizontal milling machine and vertical milling machine
6. Parts Of Milling Machine
7. Types Of Milling Process




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8. Operations On Milling Machine
9. Tools For Milling
10. Safety While Working
11. Assessment – Milling

Unit:6.Drilling

1. Introduction
2. Working Principle Of Drilling Machine
3. Classification Of Drilling Machine
4. Specification Of Drilling Machine
5. Parts Of Drilling Machine
6. Tool Holding Devices
7. Operations On Drilling Machine
8. Tools For Drilling
9. Safety While Working

Unit:7.Grinding

1. Introduction
2. Working Principle Of Grinding Machine
3. Classification Of Grinding Machine
4. Specification Of Surface Grinding Machine
5. Parts Of Surface Grinding Machine
6. Operations On Grinding Machine
7. Grinding Accessories And Tool
8. Grinding Wheel
9. Standard Types Of Grinding Wheel
10. Selection Of Grinding Wheel
11. Steps In Balancing Of Grinding Wheel
12. Safety While Working
13. Assessment - Grinding




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Unit:8.Various Materials And Its Properties

1. Introduction
2. Types Of Metals
3. Basic Properties
4. Properties And Uses
5. Revision of the POD
6. Prepare hand notes
7. Assessment - Various Materials And Its Properties

Assessment - Machining Foundation

INTRODUCTION TO CNC TECHNOLOGY - CNC LATHE - LEVEL FOUNDATION

Unit: 1.Introduction

1. Introduction To CNC
2. Historical Development Of CNC
3. Terms Used In CNC
4. Difference Between CNC Machine And Conventional Machine
5. Advantages Of CNC Machines
6. Types Of CNC Machines
7. Industrial Use
8. Prepare Hand notes
9. REVISION OF TOPICS
10. Assessment-Introduction

Unit: 2.Elements Of CNC

1. Machine Tool Structure
2. Drive System
3. Machine Control Unit
4. Display Unit Or Operator Panel
5. Input Devices
6. Feedback Devices
7. Prepare Hand notes
8. REVISION OF TOPICS




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9. Assessment-Elements Of CNC

Unit: 3.CNC Turning Centre-CNC Lathe

1. Introduction
2. Construction Of Machine
3. Axes Nomenclature
4. Working Principle of Machine
5. Machine Specification
6. Operating CNC Lathe
7. Switching On The Machine
8. Screen Details And Function Keys
9. Mode Selector Knob
10. Execution Function, Feed And Spindle Function And Miscellaneous Functions
11. Other Functions
12. Switching Off The Machine
13. Machining Operations
14. Work Holding Device
15. Tool Holding Devices
16. Required Cutting Tools And Inserts
17. Safety While Working
18. Prepare Hand notes
19. REVISION OF TOPICS
20. Assessment-CNC Turning Centre-CNC Lathe

Final Assessment-Introduction To CNC Technology-CNC Lathe


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INTRODUCTION TO CNC TECHNOLOGY - CNC VMC - LEVEL FOUNDATION

Unit: 1.Introduction

1. Introduction To CNC
2. Historical Development Of CNC
3. Terms Used In CNC
4. Difference Between CNC Machine And Conventional Machine
5. Advantages Of CNC Machines
6. Types Of CNC Machines
7. Industrial Use
8. Assessment-Introduction

Unit: 2. Elements Of CNC

1. Machine Tool Structure
2. Drive System
3. Machine Control Unit
4. Display Unit Or Operator Panel
5. Input Devices
6. Feedback Devices
7. Assessment-Elements Of CNC

Unit: 3.CNC Turning Centre-CNC Lathe

1. Introduction
2. Construction Of Machine
3. Axes Nomenclature
4. Working Principle of Machine
5. Machine Specification

Unit: 4.Operating VMC

1. Switching On The Machine
2. Screen Details And Function Keys
3. Mode Selector Knob
4. Execution Function, Feed And Spindle Function And Miscellaneous Functions




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5. Other Functions
6. Switching Off The Machine
7. Machining Operations
8. Work Holding Device
9. Tool Holding Devices

Unit: 5.Required Cutting Tools And Inserts

1. Safety While Working
2. Assessment-CNC Turning Centre-CNC Lathe

Final Assessment-Introduction To CNC Technology-CNC Lathe

CNC PROGRAMMING AND MACHINING

Unit: 1.Safety

1. Safety Precautions During Machine Setup On CNC Lathe
2. Check Points In CNC Lathe
3. Safety Precautions During Machine Setup On VMC
4. Check Points In VMC

Unit: 2.Drawing Study And Dimensions

1. Drawing Reading
2. GD And T
3. GD And T Symbols Used For Cylindrical Work piece
4. GD And T Symbols Used For Flat Work piece
5. Symmetry And Position Symbol
6. Trigonometric Formula
7. Assessment-Drawing Study And Dimensions



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Unit: 3. Coordinate System For CNC Lathe

1. Zero Points In CNC Lathe
2. CNC Lathe Axes
3. Coordinates Of Cylindrical Work piece On CNC Lathe
4. Coordinate System In CNC Lathe
5. Machine Coordinate System
6. Work piece Coordinate System
7. Assessment-Coordinate System For CNC Lathe

Unit: 4. Basics Of Turning Center Programming

1. Codes Used For CNC Turning
2. Program Overview
3. G Codes (Preparatory Codes)
4. G Codes-Part1 (Preparatory Codes)
5. G Codes-Part2 (Preparatory Codes)
6. G Codes-Part3 (Preparatory Codes)
7. M Codes (Miscellaneous Codes)
8. T Code (Tool Number)
9. S Codes (Speed)
10. F Code (Feed)
11. Program Sequence In CNC Turning Center
12. Interpolation
13. G00 (Rapid Traverse)
14. G01 (Linear Interpolation)
15. G02 (Circular Interpolation In Clockwise Direction)
16. G03 (Circular Interpolation In Clockwise Direction)
17. Tool Nose Radius Compensation In CNC Turning
18. G42 (Tool Nose Radius Compensation Right)
19. G41 (Tool Nose Radius Compensation Left)
20. G40 (Tool Nose Radius Compensation Cancel)
21. Turning Operations Program
22. Facing
23. Straight Turning
24. Taper Turning




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25. Drilling
26. Boring
27. Grooving
28. Threading

Unit: 5. Machine Setup For CNC Lathe

1. Mounting Procedure Of OD Turning Tool In Turret
2. Mounting Procedure Of Boring Bar In Turret
3. Jaw Boring Procedure On CNC Lathe
4. Work piece Loading On CNC Lathe
5. Assessment-Machine Setup For CNC Lathe

Unit: 6. Offset Process On CNC Lathe

1. Work Zero Offset Process On CNC Lathe
2. Tool Offset Process On CNC Lathe
3. X Offset Process
4. Z Offset Process
5. Tool Nose Direction Number On CNC Lathe
6. Assessment-Offset Process On CNC Lathe

Unit: 7. Coordinate System For VMC

1. VMC Axes
2. Coordinates Of Flat Work piece On VMC
3. Assessment-coordinate system for VMC

Unit: 8. Basics Of Machining Center Programming

1. Codes Used For Machining
2. Program Overview
3. G Codes (Preparatory Codes)
4. G Codes-Part1 (Preparatory Codes)
5. G Codes-Part2 (Preparatory Codes)
6. G Codes-Part3 (Preparatory Codes)



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7. M Codes (Miscellaneous Codes)
8. Program Sequence In Machining Center (VMC)
9. Interpolation
10. G00 (Rapid Traverse)
11. G01 (Linear Interpolation)
12. G02 (Circular Interpolation In Clockwise Direction)
13. G03 (Circular Interpolation In Clockwise Direction)
14. Cutter Radius Compensation In Machining
15. G41 (Tool Nose Radius Compensation Left)
16. G42 (Tool Nose Radius Compensation Right)
17. G40 (Tool Nose Radius Compensation Cancel)
18. Automatic Reference Point Return (G28)
19. Tool Length Compensation Positive Direction (G43)
20. Return To Initial Level G98
21. Return To R Level G99
22. Canned Cycles
23. Spot Drilling Cycle - G81
24. Counter Boring Cycle - G82
25. Peck Drilling Cycle - G83
26. Tapping Cycle - G84
27. Reaming Cycle - G85
28. Fine Boring Cycle - G76
29. Canned Cycle Cancel - G80
30. Assessment-Basics Of Machining Center Programming

Unit: 9.Machine Setup For VMC

1. Mounting Procedure Of Cutting Tools On VMC Work piece Loading On VMC

Unit: 10.Offset Process On VMC

1. Work Zero Offset Process On VMC
2. Tool Offset Process On VMC
3. Assessment-Offset Process On VMC



Final Assessment-CNC Programming And Machining


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Department: MECH

Academic Year: 2019-2020

Name of the Program: CNC Programming and Manufacturing

List of Students Enrolled / Completed: 12

Sno	Name of the student
1	Bala aditya Ede
2	Brahma reddy Venna
3	Chaitanya kumar Meesala
4	Harish Palaparthi
5	Jitendra sai ram Pavuluri
6	Jitendra sai ram Pavuluri
7	Jitendra sai ram Pavuluri
8	Pavan kumar Maddila
9	Sai kishore Nagulla
10	Teja narasimha Gandreti
11	Teja narasimha Gandreti
12	Venkata srinath Pillutla

Assessment Procedures

Exam

Report Of Certification Course

An extensive certification course on 'CNC Programming and Manufacturing' was conducted for 4th year MECH students from 02nd March 2020 To 07th March 2020. The program aimed at imparting the basics of programming, machining, fitting, engineering drawing and quality control to the students and also some of the advanced concepts which are not there in the curriculum.




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6/24/2020

Andhra Pradesh State Skill Development Corporation - Siemens



Andhra Pradesh State Skill Development Corporation

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Attendance Report

Batch Id: CNC Turning >> C5[T13|CNT|122937

S.No.	Name	2020-03-02	2020-03-03	2020-03-04	2020-03-05	2020-03-06	2020-03-07	Present Days	Attendance(%)	Assessment Eligibility
1	Bala aditya Ede	P	P	P	P	P	P	6	100.00	Eligible <i>Ede</i>
2	Brahma reddy Venna	P	P	P	P	A	P	5	83.33	Eligible <i>Reddy</i>
3	Chaitanya kumar Meesala	P	P	P	P	P	P	6	100.00	Eligible <i>chaitanya</i>
4	Harish Palaparthi	A	P	P	P	P	P	5	83.33	Eligible <i>Harish</i>
5	Jitendra sai ram Pavuluri	P	P	P	P	A	P	5	83.33	Eligible <i>sai ram</i>
6	Kesava narayana Veerapaneni	P	P	P	P	P	P	6	100.00	Eligible <i>Kesava</i>
7	Nagaraju Krishnavarapu	P	P	P	P	A	P	5	83.33	Eligible <i>Nagaraju</i>
8	Pavan kumar Maddila	P	P	P	P	P	P	6	100.00	Eligible <i>Pavan</i>
9	Sai kishore Nagulla	P	P	P	P	A	P	5	83.33	Eligible <i>Sai</i>
10	Teja narasimha Gandreti	P	P	P	P	A	P	5	83.33	Eligible <i>Teja</i>

engineering.anssdc.in/siemens/

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6/24/2020

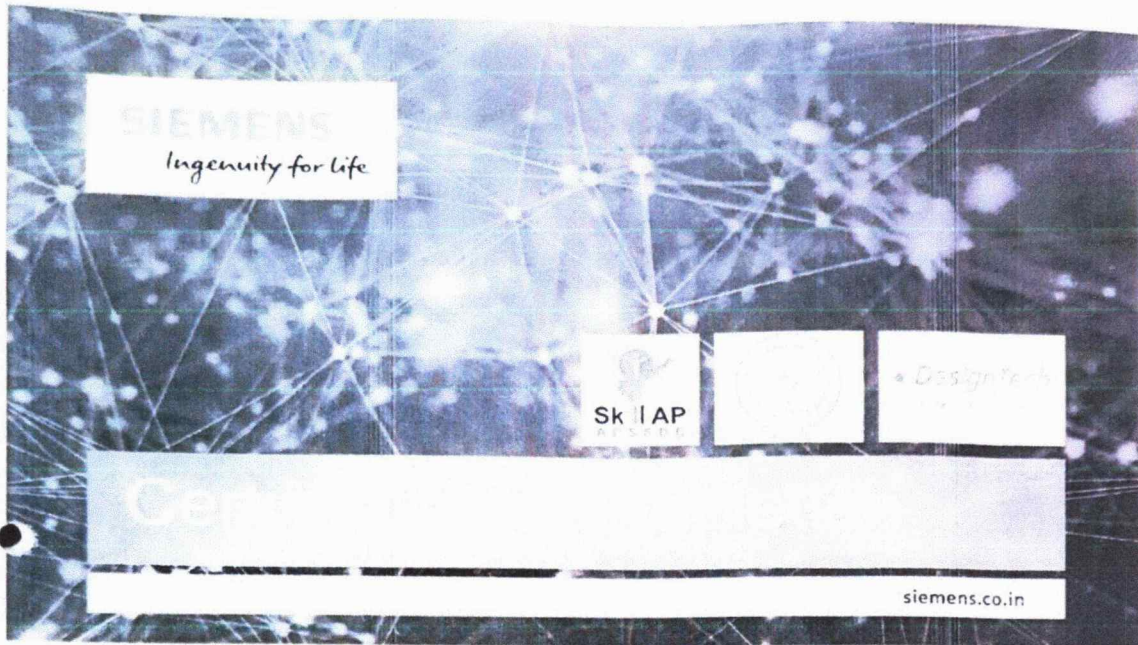
Andhra Pradesh State Skill Development Corporation - Siemens

S.No.	Name	2020- 03-02	2020- 03-03	2020- 03-04	2020- 03-05	2020- 03-06	2020- 03-07	Present Days	Attendance(%)	Assessment Eligibility
11	Venkata prabhu sai krishna Konidena	P	P	P	P	P	P	6	100.00	Eligible <i>Prabhu</i>
12	Venkata srinath Pillutla	P	P	P	P	A	P	5	83.33	Eligible <i>Srinath</i>



Principal
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SAMPLE CIRCTIFICATE



This is to certify that **Pillutla Venkata Srinath**
bearing number **APSSDC/Siemens/M/118871** .. has successfully
completed **Manufacturing-CNC Turning-Expert** Course

Conducted at

Andhra Loyola Institute Of Engineering And Technology, Vijayawada

from **02-March-2020** to **07-March-2020**

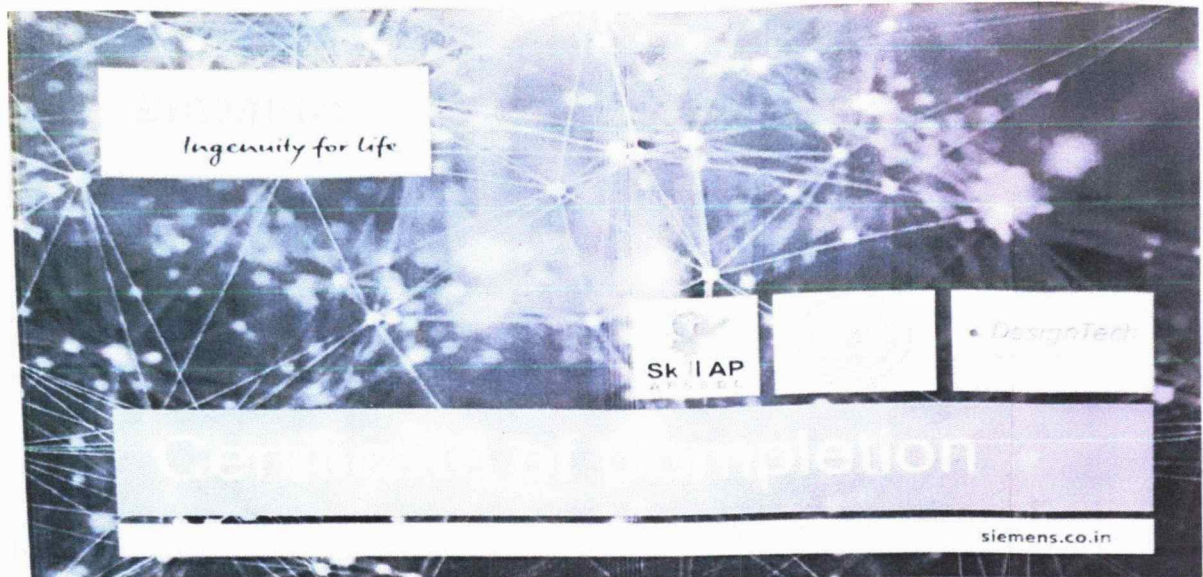
Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures


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VIJAYAWADA-520 008



This is to certify that **Pavuluri Jitendra Sai Ram**.....
bearing number **APSSDC/Siemens/M/118872**.. has successfully
completed..... **Manufacturing-CNC Turning-Expert**..... Course

Conducted at

..... **Andhra Loyola Institute Of Engineering And Technology, Vijayawada**.....

from **02-March-2020** to **07-March-2020**

Siemens Industry Software Pvt. Ltd.

APSSDC

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

ISO 9001 : 2008 CERTIFIED

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 21-01-2020

All the students of Mechanical Engineering are invited to take a certificate course on **Manufacturing Welding Foundation** from 30-1-2020 to 20-02-2020 and 1-02-2020 to 20-02-2020. For more information, please contact the HoD of your department.


HoD


Principal

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DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

Date 20/1/2020

The meeting is conducted in the department of Mechanical Engineering. The agenda of the meeting was to discuss about the "certification course" and student active participation. Resolved to conduct the following courses Welding Lab

S. No	Faculty name	Designation	Signature
1	Dr B.V.Sudheer Kumar	Professor	
2	Dr B.Sudheer Kumar	Associate professor	
3	Ch. Ranga Rao	Associate professor	
4	M. Sudhakar	Associate professor	
5	B. Susmitha	Assistant professor	
6	M. Srinivasa Reddy	Assistant professor	
7	K. TejaSwarup	Assistant professor	
8	G. G. Srinivasu	Assistant professor	
9	M. Geeta Rani	Assistant professor	
10	K. John Raja Ravi Kiran	Assistant professor	
11	E. Durgesh	Assistant professor	
12	T. V. Srinivasarao	Assistant professor	
13	S.P. Krishna Mithra	Assistant professor	
14	T..L. Prasanna Kumar	Assistant professor	
15	N. Naga Varun	Assistant professor	
16	Sk. Salman Beebi	Assistant professor	
17	B. Rama Rao	Assistant professor	
18	B. Sree chaitanya	Assistant professor	
19	T Subba Reddy	Assistant professor	

Head
Department of
Mechanical Engineering



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**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND
TECHNOLOGY VIJAYAWADA-8
DEPARTMENT OF MECHANICAL
ENGINEERING
CERTIFICATION DETAILS**

Title of the Certification Program: WELDING LAB
Coordinator: K TEJA SWARUP
Academic Year: 2019-20

Duration: 160
Course Code: ME111842
Year / Sem: II-II

WELDING

Unit:1 Introduction

1. What Is Welding
2. Why Is Welding Required
3. History Of Welding
4. Types Of Welding
5. Applications
6. Materials
7. Safety
8. Assessment

Unit: 2: WELDING PROCESS

1. Working Principle Of Welding
2. Basic Setup
3. Filler Materials
4. Advantages Of Welding Over Other Joining Processes
5. Limitations Of Welding Over Other Joining Processes
6. Assessment

Unit:3: WELDING PROCESS

1. TYPES OF ARC WELDING
2. MMAW
3. MIG Welding
4. FCAW
5. TIG Welding
6. SAW
7. Gas Welding
8. Assessment



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1. Types Of Joint Designs
2. Welding Symbols
3. Joint Configuration Parameters
4. Preparation
5. Welding Positions
6. Assessment

Unit: 5: OXY-FUEL GAS CUTTING

1. Safety And PPE
2. Equipment And Connections
3. Setup And Working Principle
4. Accessories
5. Tools
6. Parameters
7. Assessment

Unit: 6: GRINDING

1. Safety And PPE
2. Equipment And Connection
3. Working Principle
4. Parameters
5. Grinding
6. Assessment

Unit: 6: MANUAL METAL ARC WELDING (MMAW)

1. Safety And PPE
2. Equipment
3. Setup And Connections
4. Working Principle
5. Tools
6. Filler Metals
7. Weld Defects And Inspection
8. Parameters
9. Weld Inspection
10. Welder Qualification
11. Assessment




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Unit: 7: METAL ACTIVE GAS OR MIG

1. Safety And PPE
2. Equipment
3. Setup And Connection
4. Working Principle
5. Filler Metals
6. Shielding Gases
7. Weld Inspection
8. Parameters
9. Weld Defects
10. Assessment

PRACTICAL'S

1. MMAW

How To Weld A Work piece In 1F Position By MMAW Operation

Step 1- Procedure Of Marking, On The Rectangular

Plate Step 2- Procedure Of Gas Cutting, On The

Rectangular Plate Step 3- Procedure To Perform

Filing Operation

Step 4- Procedure To Perform MMAW Operation, In 1F Position

Step 5- Perform Chipping Operation, Of Improper Weld Deposit

Step 6- Perform The MMAW Operation, With 4mm Mild Steel Electrode

Step 7- Perform The Chipping Operation, Of Slag Deposit On The Weld Bead

Step 8- Inspect The Fillet Weld



How To Weld A Workpiece In 1G Position By MMAW Operation

Step 1- Procedure Of Marking On The Rectangular

Plate Step 2- Procedure Of Gas Cutting On The

Rectangular Plate Step 3- Procedure To Perform

Grinding Operation

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Step 4- Procedure To Perform Filing Operation

Step 5- Procedure To Perform Marking Operation, For 35 Degrees Bevel Gas Cutting

Step 6- Procedure To Perform The 35 Degree Bevel Cutting Operation On The Marked Plate

Step 7- Procedure To Perform Grinding Operation On The Bevel Cut Plate

Step 8- Procedure To Perform Filing Operation

Step 9- Procedure To Perform MMAW Operation In 1G Position

Step 10- Procedure To Perform Chipping Operation Of Improper Weld Deposit

Step 11- Perform The MMAW Operation With 3.15mm(Milli meters) Mild Steel(MS) Electrode

Step 12- Perform Chipping Operation Of Improper Weld Deposit

Step 13- Perform The MMAW Operation With 4mm Mild Steel Electrode

Step 14- Perform The Chipping Operation Of Slag Deposit On The Weld Bead

MIG

How To Weld A Workpiece In 1F Position By MIG Operation

Step 1- Procedure Of Marking, On The Rectangular

Plate Step 2- Procedure Of Gas Cutting, On The

Rectangular Plate Step 3- Procedure To Perform, Filing

Operation

Step 4- Procedure To Perform MIG Operation, In 1F Position

How To Weld A Workpiece In 1G Position By MIG Operation

Step 1- Procedure Of Marking On The Rectangular

Plate Step 2- Procedure Of Gas Cutting On The

Rectangular Plate Step 3- Procedure To Perform

Grinding Operation

Step 4- Procedure To Perform Filing Operation

Step 5- Procedure To Perform Marking Operation, For 35 Degrees Bevel Gas Cutting

Step 6- Procedure To Perform The 35 Degree Bevel Cutting Operation On The Marked Plate



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Step 7- Procedure To Perform Grinding Operation On The Bevel Cut Plate

Step 8- Procedure To Perform Filing Operation

Step 9- Procedure To Perform MIG Operation In 1G Position

Step 10- Procedure To Perform Buffing Operation, For Finish Of The Weld Zone

Assessment - Welding Foundation

GENERAL SAFETY

Unit: 1. Introduction

- 1 Necessity Of Safety

Unit: 2. Accident

- 1 Why Accident Occurs
- 2 How To Avoid Accidents

Unit: 3. Basic Safety Rules And Precautions

- 1 Basic Safety Rule
- 2 Safety Precaution

Unit: 4. Safety Signs

- 1 Safety Signs
- 2 Prohibition Signs
- 3 Mandatory Signs
- 4 Warning Signs
- 5 Information Signs

Unit: 5. Electrical Safety

Causes Of Electric Shock

- 1 Due To Contact With Conductor
- 2 Due To Contact With An Ungrounded Conductor
- 3 Due To Indirect Contact With An Ungrounded Conductor

Unit: 6. Safety In Workshop

- 1 General Safety Precautions
- 2 Individual Safety- Clothing And Personal Protective Equipment

Unit: 7. First Aid

- 1 Worker With An Electrical Injury
- 2 Electrical Rescue Techniques




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Unit: 8. First Aid For Electric Shock

- 1 First Aid For Electric Shock
- 2 Aid For Electrical Burns
- 3 Aid For Burns And Scalds
- 4 Aid For Severe Bleeding
- 5 Treating Shock- Cardio Pulmonary Resuscitation Or CPR

Unit: 9. Fire

- 1 Chemistry Of Fire Or Factors For Fire
- 2 Classification Of Fire
- 3 General Procedure In Case Of Fire
- 4 Ways To Prevent Fire

Unit: 10. Fire Cases Equipment

- 1 Choosing Fire Extinguishers

Unit: 11. Types Of Fire Extinguisher

- 1 Types Of Fire Extinguisher
- 2 Water Filled
- 3 Foam
- 4 Dry Powder
- 5 Carbon Dioxide
- 6 Wet Chemical
- 7 Metal
- 8 Color Coding Of Extinguisher
- 9 Lifting And Handling Loads
- 10 5 S Techniques

Unit: 12. Introduction to Quality Control

- 1 Why Quality Is Required
- 2 Need Of Quality
- 3 Dimensions Of Quality
- 4 Difference Between QC And QA

Assessment - Introduction To Quality Control

Unit: 13. Basics of Quality control

- 1 What Is Quality Control
- 2 Objective Of Quality Control

Assessment - Basics Of Quality Control

Unit: 14. Quality Control and Inspection

- 1 Objective Of Inspection

Unit: 15. Methods Of Inspection



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- 1 Methods Of Inspection
- 2 Tool Inspection
- 3 First Piece Inspection
- 4 Working Inspection In Progress Inspection
- 5 Sampling Inspection
- 6 Final Inspection
- 7 Difference Between QC And Inspection

**Assessment - Quality Control And
Inspection**

Unit: 16. Cost for Quality

- 1 What Is Cost For Quality
- 2 Different Types Of Cost For Quality
- 3 Failure Cost

Unit:17.Types Of Failure Cost

- 1 Internal
- 2 External
- 3 Appraisal Cost
- 4 Preventive Cost

Assessment - Cost For Quality

Unit: 18.Sampling Inspection

- 1 What Is Sampling

Unit:19. Method Of Sampling

- 1 Method Of Sampling
- 2 Simple Random Sampling
- 3 Systematic Sampling
- 4 Stratified Sampling

Unit: 20. Types Of Sampling Plan

- 1 Types Of Sampling Plan
- 2 Single Sampling Plan
- 3 Double Sampling Plan
- 4 Multiple Sampling Plan
- 5 Sequential Sampling Plan
- 6 Selection Of Plan

Assessment - Sampling Inspection

Unit: 21 Quality Control In Manufacturing

- 1 Introduction
- 2 Inspection Criteria



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Unit: 22. Tolerance And Allowances

- 1 Tolerance
- 2 Allowances
- 3 Selection Of Measuring Instruments And Equipment

Unit: 23.Safety

- 1 Handling Of Equipments And Instruments

Unit: 24.Instruments And Equipments

- 1 Vernier Calliper
- 2 Digital Vernier Calliper
- 3 Dial Vernier Calliper
- 4 Depth Vernier
- 5 Micrometer
- 6 Steel Rule
- 7 Vernier Height Gauge
- 8 Dial Indicator
- 9 Measuring Tape
- 10 Try Square
- 11 Sine Bar
- 12 Bevel Protractor
- 13 Surface Plate
- 14 Parallel Block
- 15 Bore Gauges
- 16 Slip Gauges
- 17 Thread Pitch Gauge
- 18 Feeler Gauge
- 19 Sheet Metal Thickness Checking Gauge
- 20 Comparator
- 21 Radius Guage
- 22 Thread Ring Guage
- 23 Thread Plug Guage
- 24 Snap Guage
- 25 Plain Plug Guage

Assessment - Quality Control In Manufacturing

Unit: 25: Quality Control Methods

- 1 NDT
- 2 Inspection
- 3 Destructive Tests

Assessment - Quality Control Methods



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Unit: 26:Quality Tools and Techniques Seven Tools Of Quality

- 3 Seven Tools Of Quality
- 4 Pareto Chart
- 5 Histogram
- 6 Cause And Effect Diagram
- 7 Check Sheet
- 8 Control Chart
- 9 Scatter Diagram
- 10 Process Flow Diagram

Assessment - Quality Tools And Techniques

Unit: 27: Recent Techniques for QC Improvement

- 1 JIT
- 2 Kanban
- 3 Queue Control
- 4 Zero Defect
- 5 Bench Marking

Assessment - Recent Techniques For QC Improvement

Assessment - Quality Control



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FITTING FOUNDATION

General Safety

Unit: 1: Introduction

- 1 Necessity Of Safety

Unit: 2: Accident

- 1 Why Accident Occurs
- 2 How To Avoid Accidents

Unit: 3: Basic Safety Rules And Precautions

- 1 Basic Safety Rule
- 2 Safety Precaution

Unit: 4: Safety Signs

- 1 Safety Signs
- 2 Prohibition Signs
- 3 Mandatory Signs
- 4 Warning Signs
- 5 Information Signs

Unit: 5: Electrical Safety

- 1 Due To Contact With Conductor
- 2 Due To Contact With An Ungrounded Conductor
- 3 Due To Indirect Contact With An Ungrounded Conductor

Unit: 6: Safety In Workshop

- 1 General Safety Precautions
- 2 Individual Safety-clothing And Personal Protective Equipment




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Unit:7: First Aid

- 1 Worker With An Electrical Injury
- 2 Electrical Rescue Techniques

Unit: 8: First Aid For Electric Shock

- 1 First Aid For Electric Shock
- 2 Aid For Electrical Burns
- 3 Aid For Burns And Scalds
- 4 Aid For Severe Bleeding
- 5 Treating Shock - Cardio Pulmonary Resuscitation Or CPR

Unit: 9: Fire

- 1 Chemistry Of Fire Or Factors For Fire
- 2 Classification Of Fire
- 3 General Procedure In Case Of Fire
- 4 Ways To Prevent Fire

Unit: 10: Fire Ceases Equipment

Types Of Fire Extinguisher

- 1 Types Of Fire Extinguisher
- 2 Water Filled
- 3 Foam
- 4 Dry Powder
- 5 Carbon Dioxide
- 6 Color Coding Of Extinguisher
- 7 Choosing Fire Extinguishers
- 8 Lifting And Handling Loads

Unit: 11: 5 S Techniques

- 1 Introduction

Unit: 12: Measuring Instruments Tools

Measuring Instruments

- 1 Steel Rule
- 2 Vernier Calliper
- 3 Digital Vernier Calliper
- 4 Dial Vernier Calliper
- 5 Vernier Height Gauge
- 6 Dial Indicator
- 7 Measuring Tape
- 8 Try Square




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- 9 Micrometer
- 10 Bevel Protractor
- 11 Surface Plate
- 12 Parallel Block

Unit: 13: General Tools

- 1 Calliper
- 2 Divider
- 3 Straight Scriber
- 4 Oil Stone
- 5 Oil Can
- 6 Plier
- 7 Clamp Toolmaker
- 8 Wheel Dresser
- 9 Angle Plate
- 10 Punch
- 11 Combination Set
- 12 Snap Blade
- 13 Snip
- 14 Wire Brush
- 15 Grinding Disc
- 16 Polish Paper
- 17 Wire Brush Wheel
- 18 Chisels And Hammers
- 19 Mallets
- 20 Allen Key
- 21 Screwdriver
- 22 Spanners

Unit: 14: Special Tools

- 1 Machine Vice
- 2 Bench Vice
- 3 Spirit Level
- 4 V-Block
- 5 Letter Or Number Punch

Unit: 15: Machines And Equipments

- 1 Radial Drilling Machine
- 2 Hand Grinder
- 3 Pneumatic Grinder
- 4 Bench Grinder
- 5 Hacksaw Machine




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Unit: 16: Engineering Drawing - Introduction

- 1 Introduction
- 2 Classification
- 3 Usage
- 4 Correctness

Assessment

Unit: 17: Engineering Drawing - Introduction

Scales

- 1 Introduction
- 2 Types Of Scales

AssessmentUnit: 18: Orthographic Projection

- 1 Graphical Projection
- 2 Descriptive Geometry
- 3 Element Of Projection
- 4 Projection View
- 5 Four Quadrants
- 6 Glass Concept
- 7 Methods Of Projection
- 8 Orthographic Projection
- 9 Method Of First Angle Projection
- 10 Method Of Third Angle Projection
- 11 Assessment - Orthographic Projection

Unit: 19: Isometric Projection

- 1 Introduction
- 2 Isometric Axes, Lines And Planes
- 3 Isometric Scale
- 4 Isometric View

Assessment - Isometric Projection

Unit:20: Fitting - Introduction

- 1 What Is Fitting
- 2 Need Of Fitting
- 3 Industrial Use

Assessment - Basic Fitting - Introduction

Unit: 21: Measuring And Marking Tools

- 1 Needs Of Measuring And Marking Tools
- 2 Measuring Tools
- 3 Marking Tools
- 4 Measuring System - British And Metric

Assessment - Measuring And Marking




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Tools Unit: 23: Files And Hacksaws

- 1 Introduction
- 2 Types Of Files

3 Classification Of Files

4 Filing

5 Hacksaw

6 Hand Hacksaw Cutting

Assessment - Files And Hacksaws

Unit: 24: Drilling

- 1 What Is Drilling
- 2 Need For Drilling
- 3 Drill
- 4 Common Terms Used In Drilling
- 5 Types Of Drilling Machines

Assessment - Drilling

Unit: 25: Threads And Threading

- 1 Introduction
- 2 Terms Related To Screw Threads
- 3 Types Of Threads
- 4 Taps And Dies

Assessment - Threads And Threading

Unit: 26: Reamers And Reaming

- 1 Introduction
- 2 Types Of Reamers
- 3 Reaming
- 4 Care Of Reamers

Assessment - Reamers And Reaming

Unit: 27: Grinding Wheels And Hand Grinding

- 1 Introduction
- 2 Need For Grinding
- 3 Industrial Use
- 4 Types Of Grinding Wheels
- 5 Mounting Of Grinding Wheel

Assessment - Grinding Wheels And Hand Grinding

Unit: 28: Joining Of Metals

- 1 Introduction



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- 2 Need For Joining Metals
- 3 Industrial Use
- 4 Types Of Fasteners
- 5 Caulking
- 6 Fullering

Unit: 29: Soldering

- 1 Introduction
- 2 Solder And Flux
- 3 Tip Tinning Process
- 4 Soldering Process
- 5 Soldering Tips

Unit: 30: Brazing

- 1 Introduction
- 2 Need Of Grinding
- 3 Industrial Use
- 4 Flux
- 5 Brazing Torch
- 6 Brazing Process

Assessment - Joining Of Metals

Unit: 31: Engineering Inspection

- 1 What Is Inspection
- 2 Need For Inspection
- 3 Need Of Tolerance
- 4 Common Terms
- 5 Fits

Assessment - Engineering Inspection

Unit: 32: Heat Treatment Of Steels

- 1 Introduction
- 2 Need Of Heat Treatment
- 3 Common Heat Treatment Process
- 4 Industrial Use

Assessment - Heat Treatment Of Steels



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Unit: 33: Sheet Metal Work

- 1 Basics Of Sheet Metal Work
- 2 Marking And Measuring Tools
- 3 Sheet Metal Work
- 4 Joining Of Sheets
- 5 Safety In Sheet Metal Work
- 6 Applications Of Sheet Metal Work

Assessment - Sheet Metal Work

Unit: 34: Black Smithy Work

- 1 Introduction
- 2 Need For Black smithy And Forging
- 3 Industrial Use
- 4 Operations In Black smithy And Forging
- 5 Tools In Black smithy And Forging

Assessment - Black Smithy Work

Unit: 35: Jigs And Fixtures

- 1 Introduction
- 2 Need For Jigs And Fixtures
- 3 Types Of Jigs And Fixtures

Assessment - Jigs And Fixtures

Assessment - Fitting Foundation

EXPERT

UNIT-1: Oxy-Fuel Gas Cutting

- 1 Safety And PPE
- 2 Equipment And Connections
- 3 Setup And Working Principle
- 4 Accessories
- 5 Tools
- 6 Parameters
- 7 Assessment-Oxy-fuel Gas Cutting



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UNIT-2: Grinding

- 1 Safety And PPE
- 2 Equipment And Connection
- 3 Working Principle
- 4 Parameters
- 5 Grinding
- 6 Accessories
- 7 Assessment-Grinding

UNIT-3: Manual Metal Arc Welding

- 1 Safety And PPE
- 2 Equipment
- 3 Setup And Connections
- 4 Working Principle
- 5 Tools
- 6 Filler Metals
- 7 Weld Defects And Inspection
- 8 Parameters
- 9 Weld Inspection
- 10 Welder Qualification
- 11 Assessment-Manual Metal Arc Welding

UNIT-4: Metal Active Gas Or MIG

- 1 Safety And PPE
- 2 Equipment
- 3 Setup And Connection
- 4 Working Principle
- 5 Filler Metals
- 6 Shielding Gases
- 7 Weld Inspection
- 8 Parameters
- 9 Weld Defects
- 10 Assessment-Metal Active Gas Or MIG

Final Assessment-Welding Expert




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MASTER

Unit: 1. Gas Welding

- 1 Safety And PPE
- 2 Introduction
- 3 Working Principle
- 4 Setup & Equipment
- 5 Tools & Accessories
- 6 Filler Metals
- 7 Parameters
- 8 Weld Defects
- 9 Assessment - Gas Welding

Unit: 2.TIG Welding

- 1 Safety And PPE
- 2 Introduction
- 3 Working Principle
- 4 Equipment
- 5 Wear Parts
- 6 Tools & Accessories
- 7 Setup And Connections
- 8 Filler Metals
- 9 Shielding Gases
- 10 Weld Defects
- 11 Welding Inspection
- 12 Parameters
- 13 Assessment - TIG Welding

Unit: 3. Welding Standard

- 1 Introduction
- 2 American Welding Society
- 3 ASME
- 4 American Petroleum Institute
- 5 Indian Standard
- 6 ISO Standard
- 7 Assessment - Welding Standard



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Unit: 4. Practical-Gas Welding

1. Bead On Plate (Welding CS)

Step 1: Procedure Of Gas Cutting On The Rectangular Plate

Step 2: Procedure To Perform Grinding Operation

Step 3: Procedure To Perform Bead On Plate Weld In Gas Welding

2. Fusion With Filler (Downhand Welding-CS)

Step 1: Procedure To Perform The 35 Degree Bevel Cutting Operation

Step 2: Procedure To Perform Filing Operation

Step 3: Procedure To Perform Fusion With Filler In Gas Welding

Unit: 5: Practical-TIG Welding

1. Fusion Without Filler (Downhand Welding-CS)

Step 1: Procedure To Perform The 35 Degree Bevel Cutting Operation

Step 2: Procedure To Perform, Filing Operation

Step 3: Procedure To Perform Fusion Without Filler In TIG Welding

2. Bead On Plate With Filler (Downhand Welding-CS)

Step 1: Procedure Of Gas Cutting, On The Rectangular Plate

Step 2: Procedure To Perform Grinding Operation

Step 3: Procedure To Perform Bead On Plate Weld In TIG

3. 1F (Down hand Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure Of Gas Cutting On The Rectangular

Plate Step 3: Procedure To Perform Filing Operation

Step 4: Procedure To Perform TIG Operation, In 1F Position

Step 5: Perform Cleaning Operation Of Weld Deposits

Step 6: Perform The TIG Operation With 4mm Filler

Rod Step 7: Perform The Cleaning Operation Of Weld

Deposit Step 8: Inspect The Fillet Weld




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4. 2F (Down hand Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure Of Gas Cutting On The Rectangular

Plate Step 3: Procedure To Perform Filing Operation

Step 4: Procedure To Perform TIG Operation In 2F Position

Step 5: Perform Cleaning Operation Of Weld Deposit

Step 6: Perform The TIG Operation With 4mm Mild Steel Electrode

Step 7: Perform The Cleaning Operation Of Weld Deposit Step

8: Perform The TIG Operation With 4mm Filler Rod Step

9: Perform The Cleaning Operation Of Weld Deposit Step

10: Inspect The Fillet Weld

5. 1G (Downhand Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure To Perform The 35 Degree Bevel Cutting Operation

Step 3: Procedure To Perform Grinding Operation

Step 4: Procedure To Perform Filing Operation

Step 5: Procedure To Perform TIG Operation In 1G Position

Step 6: Perform The Cleaning Of Weld Deposit

Step 7: Perform The TIG Welding Operation With 3mm Filler Rod

Step 8: Perform The Cleaning Of Weld Deposit

Step 9: Perform The TIG Operation With 4mm Filler Rod

Step 10: Perform The Cleaning Of Weld Deposit

6. 2G (Positional Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure To Perform 35 Degrees Bevel Gas Cutting On The Rectangular Plate

Step 3: Procedure To Perform Grinding Operation

Step 4: Procedure To Perform Filing Operation

Step 5: Procedure To Perform TIG Welding Operation In 2g Position

Step 6: Procedure To Perform Cleaning Of Weld Deposit

Step 7: Perform The TIG Welding Operation With 3mm Filler Rod

Step 8: Perform Cleaning Of Weld Deposit

Step 9: Perform The TIG Welding Operation With 3mm Filler Rod

Step 10: Perform Cleaning Of Weld Deposit




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7. 3G (Positional Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure To Perform 35 Degrees Bevel Gas Cutting On The Rectangular Plate

Step 3: Procedure To Perform Grinding Operation Step 4: Procedure To Perform Filing Operation

Step 5: Procedure To Perform TIG Welding Operation In 3G Position

Step 6: Procedure To Perform Cleaning Of Weld Deposit

Step 7: Perform The TIG Welding Operation With 3mm Filler Rod

Step 8: Perform Cleaning Of Weld Deposit

Step 9: Perform The TIG Welding Operation With 4mm Filler Rod

Step 10: Perform Cleaning Of Weld Deposit

8. 4G (Positional Welding-CS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure To Perform 35 Degrees Bevel Gas Cutting On The Rectangular Plate

Step 3: Procedure To Perform Grinding Operation

Step 4: Procedure To Perform Filing Operation

Step 5: Procedure To Perform TIG Welding Operation In 4G Position

Step 6: Procedure To Perform Cleaning Of Weld Deposit

Step 7: Perform The TIG Welding Operation, With 3mm Filler Rod

Step 8: Perform Cleaning Of Weld Deposit

Step 9: Perform The TIG Welding Operation With 4mm Filler Rod

Step 10: Perform Cleaning Of Weld Deposit

Bead On Plate With Filler (Downhand Welding-SS)

Step 1: Procedure Of Gas Cutting On The Rectangular Plate

Step 2: Procedure To Perform Grinding Operation

Step 3: Procedure To Perform Bead On Plate Weld In TIG

9. 2F (Down hand Welding-SS)

Step 1: Procedure Of Marking On The Rectangular Plate

Step 2: Procedure Of Gas Cutting On The Rectangular Plate

Step 3: Procedure To Perform Filing Operation

Step 4: Procedure To Perform TIG Welding Operation In 2F Position

Step 5: Procedure To Perform Cleaning Of Weld Deposit

Step 6: Perform The TIG Welding Operation With 4mm Filler Rod

Step 7: Procedure To Perform Cleaning Of Weld Deposit

Step 8: Perform The TIG Welding Operation With 4mm Filler Rod

Step 9: Perform Cleaning Of Weld Deposit

Step 10: Inspect The Fillet Weld



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10. 2G (Positional Welding-SS)

- Step 1: Procedure Of Marking On The Rectangular Plate
- Step 2: Procedure To Perform 35 Degrees Bevel Gas Cutting On The Rectangular Plate
- Step 3: Procedure To Perform Grinding Operation
- Step 4: Procedure To Perform Filing Operation
- Step 5: Procedure To Perform TIG Welding Operation In 2G Position
- Step 6: Procedure To Perform Cleaning Of Weld Deposit
- Step 7: Perform The TIG Welding Operation, With 3mm Filler Rod
- Step 8: Perform Cleaning Of Weld Deposit
- Step 9: Perform The TIG Welding Operation With 3mm Filler Rod
- Step 10: Perform Cleaning Of Weld Deposit

11. Downhill (Pipe Welding-CS)

- Step 1: Procedure Of Marking On The Pipe
- Step 2: Procedure Of Cutting Pipe To The Required Length
- Step 3: Procedure To Perform Grinding Operation
- Step 4: Procedure To Perform Filing Operation
- Step 5: Procedure To Perform TIG Operation In 5G Position
- Step 6: Procedure To Perform Cleaning Of Weld Bead
- Step 7: Procedure To Perform The Second Pass On The Root Run
- Step 8: Perform Cleaning Of Weld Bead
- Step 9: Procedure To Perform The Final Pass On The Root Run
- Step 10: Procedure To Perform Cleaning Of Weld Bead

12. 6G (Pipe Welding-CS)

- Step 1: Procedure Of Marking On The Pipe
- Step 2: Procedure Of Cutting Pipe To The Required Length
- Step 3: Procedure To Perform Grinding Operation
- Step 4: Procedure To Perform Filing Operation
- Step 5: Procedure To Perform TIG Operation In 6G Position
- Step 6: Procedure To Perform Cleaning Of Weld Bead
- Step 7: Procedure To Perform The Second Pass On The Root Run
- Step 8: Perform Cleaning Of Weld Bead
- Step 9: Procedure To Perform The Final Pass On The Root Run
- Step 10: Procedure To Perform Cleaning Of Weld Bead

Final Assessment - Welding Master




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PIPE AND STRUCTURAL FABRICATION

Unit: 1. Safety And PPE

- 1 Safety And PPE
- 2 Introduction
- 3 Structural Fabrication
- 4 Pipe Fabrication
- 5 Material Used For Fabrication
- 6 Applications
- 7 Assessment-Introduction

Unit: 2. Basics Of Welding

- 1 What Is Welding
- 2 Working Principle Of Welding
- 3 Basic Set-Up
- 4 Filler Materials
- 5 Assessment-Basics Of Welding

Unit: 3. Role Of Electricity

- 1 Power Source
- 2 What Is Electricity
- 3 Current
- 4 Voltage
- 5 Resistance
- 6 Earthing
- 7 Path Of Electricity And Polarity
- 8 Assessment-Role Of Electricity

Unit: 4. Types Of Welding In Pipe And Structural Fabrication

- 1 MMAW
- 2 Safety And PPE
- 3 Equipment
- 4 Setup And Connections
- 5 Working Principle
- 6 Tools
- 7 Filler Metals
- 8 Parameters
- 9 Weld Inspection
- 10 Advantages, Limitations And Applications Of MMAW Welding
- 11 MMAW For Structural Fabrication
- 12 MMAW For Pipe Welding



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**Unit: 5. MIG
Welding**

- 1 Safety And PPE
- 2 Equipment
- 3 Setup And Connection
- 4 Working Principle
- 5 Filler Metals
- 6 Shielding Gases
- 7 Weld Inspection
- 8 Parameters
- 9 Advantages, Limitations And Applications Of MIG Welding
- 10 MIG For Structural Fabrication
- 11 MIG For Pipe Welding

Unit: 6. FCAW

- 1 Advantages, Limitations And Applications Of FCAW Welding
- 2 TIG Welding
- 3 Advantages, Limitations And Applications Of TIG Welding
- 4 SAW
- 5 Advantages, Limitations And Applications Of SAW Welding

Unit: 7. Gas Welding

- 1 Advantages, Limitations And Applications Of Gas Welding
- 2 Assessment-Types Of Welding In Pipe And Structural Fabrication
- 3 Oxy-Fuel Gas Cutting
- 4 Safety And PPE
- 5 Equipment And Connections
- 6 Working Principle
- 7 Accessories
- 8 Tools
- 9 Parameters
- 10 Assessment-Oxy-Fuel Gas Cutting

Unit: 8. Equipment And Tools

- 1 Equipment and Accessories

Unit: 9. Tools

- 1 Tools
- 2 Steel Rule
- 3 Measuring Tape
- 4 Scriber
- 5 Try Square
- 6 Centre Punch




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- 7 Hand Hacksaw
- 8 Abrasive SAW Wheel
- 9 Chisel
- 10 Wire Brush
- 11 Buffing Wheel
- 12 Assessment-Equipment And Tools

Unit: 10. Welding Joints And Edge Preparation

- 1 Types Of Joint
- 2 Edge Preparation
- 3 Surface Cleaning
- 4 Cutting
- 5 Grinding
- 6 Punching/Drilling
- 7 Straightening
- 8 Finishing
- 9 Assessment-Welding Joints And Edge Preparation

Unit 11. Different Welding Positions For Pipe And Structural Welding

- 1 Introduction To Welding Positions
- 2 Different Welding Positions
- Assessment-Different Welding Positions For Pipe And Structural
- 3 Welding
- 4 Welding Defects And Control
- 5 Welding Defects And Control
- 6 Assessment-Welding Defects And Control

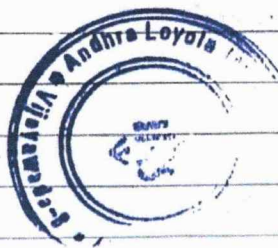
Final Assessment-Pipe And Structural Fabrication



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**Department: MECH****Academic Year: 2019-2020****Name of the Program: Summer Training on WELDING****List of Students Enrolled / Completed: 45**

Sno	Name of the Student
1	Dange kumar Veeranki
2	Eswar Dokku
3	Harshith kumar reddy Sanagala
4	Karthik Bokka
5	Karthik Mamilapalli
6	Kumarvenkat Chalamalasetti
7	Mahesh Guntaka
8	Mounish kumar Menda
9	Nanaji Kallempudi
10	Naveen kumar Kinnera
11	Naveen kumar Kinnera
12	Rajendrababu Movva
13	Sai Krishna Kothamasu
14	Sandeep raju Neredumalli
15	Sankar Idadasu
16	Srinivasu Perala
17	Syamkumar Battina
18	Teja naga narasimha kumar Parasa
19	Vamsi Krishna Amavasa
20	Venkata sai Somagani
21	Venkateswara rao Muppalla
22	Yogendra Ramavathula
23	Ajay rakesh Naru
24	Ajith Narnepati
25	Chandra sekhar Arji
26	Gopi chand Lanke
27	Haranadh reddy Ravi
28	Kishore Jammu
29	Lokesh Chatragadda
30	Madhava rao Chinni



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32	Mahesh Ramavarapu
33	Manohar Gunde
34	Nagaiah Murikipudi
35	Nikhil bharath Gaddala
36	Rajesh Addanki
37	Rajesh Turpati
38	Ravi sankar naidu Thummalagunta
39	Rizwan Shaik
40	Saifullah Shaik
41	Samuel teo Sandolu
42	Sreeram Rallabandi
43	Sri ram Prasad Guttikonda
44	Swami Petla
45	Venkata shyam prasad Manne

Assessment Procedures

Exam

Report Of Certification Course

An extensive certification course on 'WELDING' was conducted for 4th year MECH students from **01st FEB 2020 To 20th Feb 2017**. The program aimed at imparting the basics of WELDING to the students and also some of the advanced concepts which are not there in the curriculum.




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6/24/2020

Andhra Pradesh State Skill Development Corporation



Andhra Pradesh State Skill Development Corporation

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Attendance Report

Batch Id: Welding >> CS(T13)WLD(111745)

S.No.	Name	2020-01-30	2020-01-31	2020-02-01	2020-02-02	2020-02-03	2020-02-04	2020-02-05	2020-02-06	2020-02-07	2020-02-08	2020-02-09	2020-02-10	2020-02-11	2020-02-12	2020-02-13	2020-02-14	2020-02-15	2020-02-16	2020-02-17	2020-02-18	2020-02-19	2020-02-20	Pi	
✓ 1	Dange kumar Veeranki	P	P	P	H	P	P	P	P	P	P	H	P	A	P	P	P	P	H	P	P	P	P	P	11 Day
✓ 2	Eswar Dokku	P	P	P	H	P	P	P	P	P	P	H	A	P	A	P	P	P	H	P	P	P	P	P	11 D. E
✓ 3	Hanshih kumar reddy Sanagala	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	A	A	A	A	P	11 H
✓ 4	Karthik Bokka	P	P	P	H	P	P	P	P	P	P	H	A	P	A	P	P	P	H	P	P	P	P	P	11 K
✓ 5	Karthik Mamalapali	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 K
✓ 6	Kumar Venkat Chalamasetti	P	P	P	H	P	P	P	P	P	P	H	P	A	A	P	P	P	H	P	P	A	P	P	11 K
✓ 7	Mahesh Guntaka	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 K
✓ 8	Mounish kumar Menda	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 M
✓ 9	Naneji Kallampudi	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 N
✓ 10	Navan kumar Kinnara	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 N
✓ 11	Prakash kumar Gadavali	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 P
✓ 12	Rajendrababu Movva	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 R
✓ 13	Sai Krishna Kothamasu	P	P	P	H	P	P	P	P	P	P	H	P	P	A	P	P	P	H	P	P	P	P	P	11 S
✓ 14	Sandeep raju Neredumaili	P	P	P	H	P	P	P	P	P	P	H	A	P	P	P	P	P	H	P	P	P	P	P	11 S
✓ 15	Sankar Idadau	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 S
✓ 16	Srinivasu Perala	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	A	P	P	11 S
✓ 17	Syamkumar Battina	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	11 S
✓ 18	Teja naga narasimha kumar Parasa	P	P	P	H	P	P	P	P	P	P	H	P	P	A	P	P	P	H	P	P	A	P	P	11 T
✓ 19	Vamsi krishna Amavasa	P	P	P	H	P	P	P	P	P	P	H	A	A	P	P	P	P	H	P	P	P	P	P	11 V
✓ 20	Venkata sai Somagani	P	P	P	H	P	P	P	P	P	P	H	A	A	A	P	P	P	H	P	P	P	P	P	11 V
✓ 21	Venkateswararao Muppala	P	P	P	H	P	P	P	P	P	P	H	P	A	P	P	P	P	H	P	P	P	P	P	11 V
✓ 22	Yogendra Ramavasthula	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	A	P	P	11 Y

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G/24/2020

Andhra Pradesh State Skill Development Corporation - Siemens



Andhra Pradesh State Skill Development Corporation

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Attendance Report

Batch Id: Welding >> C5113[WLD]111842

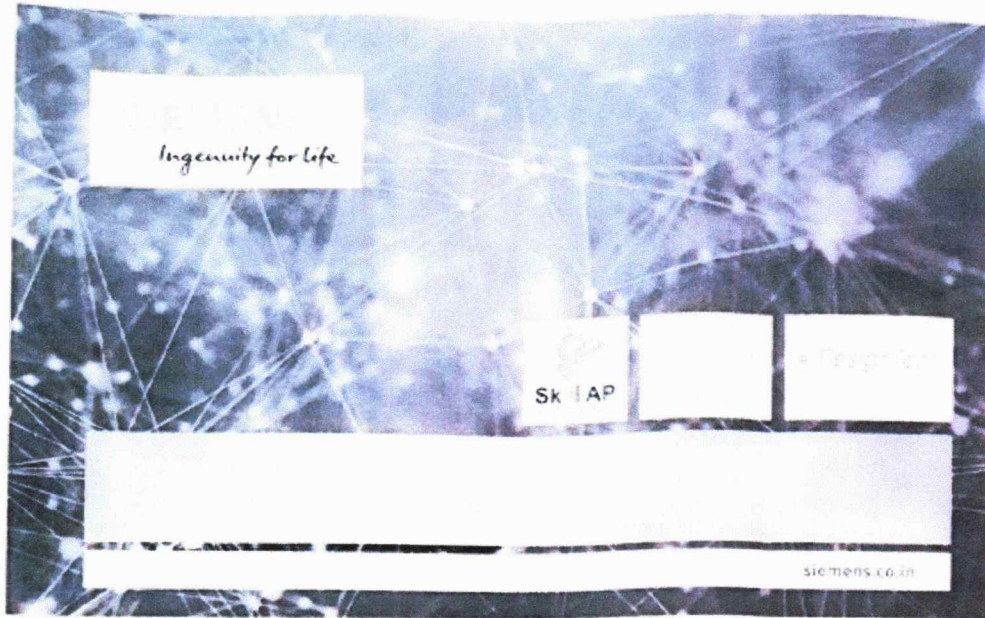
S.No.	Name	2020-02-01	2020-02-02	2020-02-03	2020-02-04	2020-02-05	2020-02-06	2020-02-07	2020-02-08	2020-02-09	2020-02-10	2020-02-11	2020-02-12	2020-02-13	2020-02-14	2020-02-15	2020-02-16	2020-02-17	2020-02-18	2020-02-19	2020-02-20	Present Days	Attendee
1	Ajay rehash Nenu	P	H	P	P	P	P	P	H	P	A	P	P	P	A	H	P	P	A	P	14	82.35	82.35
2	Ajith Namopati	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
3	Chandra sekhar Arji	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
4	Gopi chand Lanka	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
5	Harasanth reddy Ravi	P	H	P	P	P	P	P	H	P	A	P	P	P	A	H	P	P	P	P	15	88.24	88.24
6	Kishore jannu	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
7	Lokesh Chetragadda	P	H	P	P	P	P	P	H	P	A	P	P	P	A	H	P	P	P	P	15	88.24	88.24
8	Madhava rao Chenni	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
9	Mahesh babu Otiginti	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
10	Mahesh Ramavarapu	P	H	P	P	P	P	P	H	P	A	P	P	P	A	H	P	P	P	P	14	82.35	82.35
11	Manohar Gunde	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
12	Nagalah Murkipudi	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
13	Nikhil bharath Gaddala	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
14	Rajesh Addanki	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
15	Rajesh Turpati	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
16	Ravi sankar Thummalagunta	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
17	Rizwan Shaik	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
18	Saifulah Shaik	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
19	Samuel teo Sanduku	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
20	Sreeram Rallabandi	P	H	P	P	P	P	P	H	P	A	A	P	P	A	H	P	P	P	P	14	82.35	82.35
21	Sri ram prasad Gutikonda	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
22	Swami Petla	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	94.12
23	Venkata shyam prasad Marne	P	H	P	P	P	P	P	H	P	P	P	P	P	A	H	P	A	A	P	14	82.35	82.35



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anoineerino.ansadrc.in/siemens/

SAMPLE CERTIFICATE



This is to certify that **Chinni Madhava Rao**
bearing number **APSSDC/Siemens/M/115092** has successfully
completed **Manufacturing-Welding-Foundation** Course
Conducted at

Andhra Loyola Institute Of Engineering And Technology, Vijayawada

from **01-Feb-2020** to **20-Feb-2020**

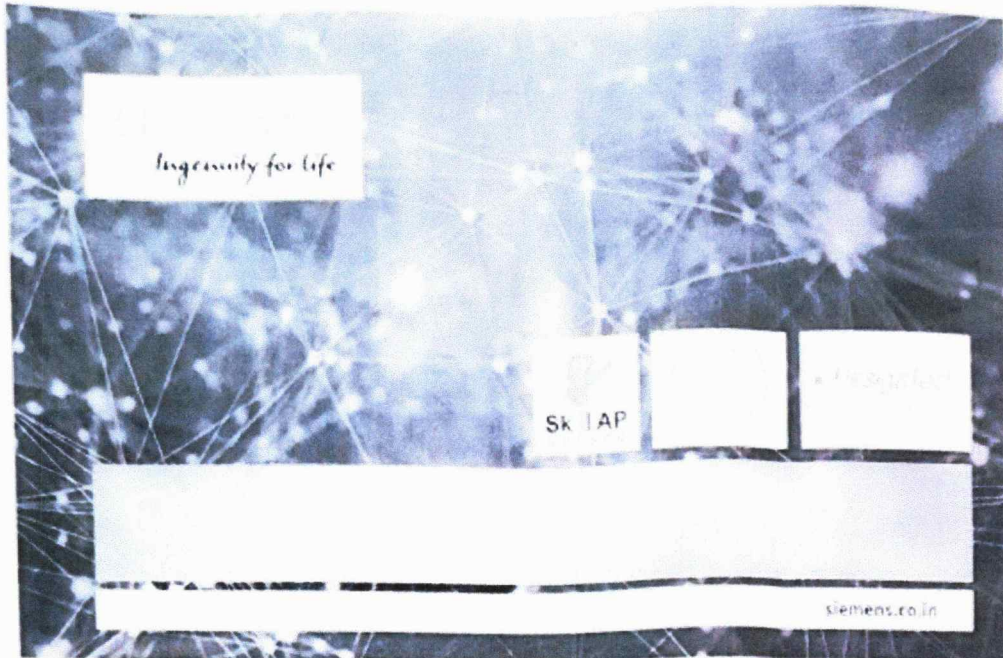
Siemens Industry Software Pvt. Ltd.

APSSDC

DesignTech Systems Limited

This is an auto-generated Certificate and does not require Signatures


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008



This is to certify that **Petla Swami**

bearing number **APSSDC/Siemens/M/115093** .. has successfully

completed **Manufacturing-Welding-Foundation** Course

Conducted at

..... **Andhra Loyola Institute Of Engineering And Technology, Vijayawada**

from **01-Feb-2020** to **20-Feb-2020**

Siemens Industry Software Pvt. Ltd.

APSSDC

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(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

VIJAYAWADA - 520 008.

Code : (0866)
College : 2498978
Secretary : 2476161
Principal : 2476945
Fax : 2498976

CIRCULAR

DATE: 22-01-2020

We are glad to inform you that Andhra Loyola Institute of Engineering and Technology will host a course for students from the Dept. of Mechanical on **Solid Edge- Fundamentals** from 1-02-2020 to 20-02-2020. We assure that the course will be extremely valuable to the students those who are going to take part.



HoD



Principal

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

Date 27/01/2020

The meeting is conducted in the department of Mechanical Engineering. The agenda of the meeting was to discuss about the "certification course" and student active participation. Resolved to conduct the following courses Solid Edge Lab.

S. No	Faculty name	Designation	Signature
1	Dr B.V.Sudheer Kumar	Professor	
2	Dr B.Sudheer Kumar	Associate professor	
3	Ch. Ranga Rao	Associate professor	
4	M. Sudhakar	Associate professor	
5	B. Susmitha	Assistant professor	
6	M. Srinivasa Reddy	Assistant professor	
7	K. TejaSwarup	Assistant professor	
8	G. G. Srinivasu	Assistant professor	
9	M. Geeta Rani	Assistant professor	
10	K. John Raja Ravi Kiran	Assistant professor	
11	E. Durgesh	Assistant professor	
12	T. V. Srinivasarao	Assistant professor	
13	S.P. Krishna Mithra	Assistant professor	
14	T..L. Prasanna Kumar	Assistant professor	
15	N. Naga Varun	Assistant professor	
16	Sk. Salman Beebi	Assistant professor	
17	B. Rama Rao	Assistant professor	
18	B. Sree chaitanya	Assistant professor	
19	T Subba Reddy	Assistant professor	



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Head
Department of
Mechanical Engineering



**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS**

Title of the Certification Program: SOLID EDGE
Course Coordinator: Ch Ranga Rao
Academic Year: 2019-20

Duration:
Course Code: ME111865
Year / Sem: II-II

SOLID EDGE

Unit: 1.Introduction

1. Solid Edge Fundamentals
2. Introduction
3. Introduction To Solid Edge

Unit: 2. Sketching

1. 3d Sketching Overview
2. Sketch Workflow
3. Activity: Draw A Simple Sketch
4. Sketch Plane Locking
5. Drawing S ynchronous Sketches Of Parts
6. Regions
7. Activity: Create Regions
8. Open Sketches
9. Synchronous Sketch Behavior In The Ordered Environment
10. Drawing Ordered Sketches Of Parts
11. Drawing Commands
12. Drawing 2d Elements
13. Intent Zones
14. Construction Geometry
15. Modifying 2d Elements
16. Applying Colors And Patterns To Closed Boundaries
17. Sketch Geometric Relationships
18. Geometric Relationships
19. Drawing Tools
20. Working With Grids
21. Intellisketch
22. Example: Draw A Horizontal Line



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23. Example: Draw A Line Connected To Another Line
24. Projection Lines
25. Distance And Area Measurement
26. Example: Measuring The Length Of A Line

27. Dimensioning Sketches
28. Locked Dimensions
29. Dimension Orientation
30. Dimension Style
31. Sketches In Pathfinder
32. Sketches Context Menu In Pathfinder
33. Used Sketches Context Menu In Pathfinder
34. Sketch Plane Origin
35. Reposition Origin Command
36. Zero Origin Command
37. Reposition Origin Workflow
38. Sketch View
39. Sketch Consumption And Dimension Migration
40. Working With Combinable Sketches
41. Moving Sketches
42. Manipulating Sketch Elements In 2d
43. Workflow For Moving Or Copying A Sketch
44. 2d Sketch Manipulation Commands
45. Moving And Copying Sketch Elements In 3d
46. Workflow For A Synchronous 3d Move Or Rotate Of Sketch Elements
47. Copy, Cut, And Paste Sketch Elements
48. Projecting Elements Onto A Sketch Plane
49. Project To Sketch Command
50. Activity: Sketching (part 1)
51. Activity: Sketching (part 2)
52. Activity: Sketching (part 3)

Unit: 3. Constructing Base Features

1. What Is A Base Feature?
2. Creating Base Features
3. Two Methods For Constructing A Base Feature
4. General Workflow For Constructing A Base Feature
5. Extrude A Region




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6. Revolve A Region
7. Constructing Synchronous Extruded Features Using The Select Tool
8. Extent Options
9. Create A Base Synchronous Feature
10. Constructing Revolved Features Using The Select Tool
- I. Activity – Create A Vise
 - Screw a) Creating Additional Features
- II. Activity – Remove Material From The Vise Base
- III. Activity – Add Mounting Flanges To The Vise Base
11. Constructing Features Using The Feature Construction Commands
12. Model Dimensions
 - a) Dimensioning The Model
13. Editing Model Dimensions
 - a) Activity – Dimension A Model
14. Sketch Consumption And Dimension Migration
15. Coordinate Systems
 - a) Activity – Model With A Coordinate System
16. Sets
 - a) Working With User-Defined Sets

a.

Unit: 4. Moving And Rotating Faces

1. Part Modification By Moving And Rotating Faces And Planes
2. Moving Synchronous Faces
3. Graphic Handle (3d Steering Wheel)
4. Reorient The Steering Wheel
5. Activity: Reorient The Steering Wheel
6. Moving A Face
7. Rotating A Face
8. Move Face Workflow
 - a) Activity: Move And Rotate Faces
 - b) Activity: Copying A Face And Using Keypoints To Define Movement
9. Selecting Faces
10. Selection Mode



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11. Normal Mode
12. Add/Remove Mode
13. Add Mode
14. Remove Mode
15. Selection Manager Mode
16. Selection Manager
17. Selection Manager Options
18. Select Tool Menu
 - a) Activity: Using The Selection Manager
 - b) Activity: Modifying A Part By Moving Select Sets
19. Quick bar Options For Moving Faces
20. Connected Face Options
21. Copy
 - a) Activity: Copying And Attaching A Feature (method 1)
 - b) Activity: Copying And Attaching A Feature (method 2)
 - c) Activity: Copying, Rotating, And Attaching A Feature To A New Location
22. Detach
 - a) Activity: Detaching And Attaching A Feature
23. Precedence
24. Working With
 - Live Sections a)
 - Activity: Live
 - Section

Unit: 5. Working With Face Relationships

1. Face Relationships Overview
2. Creating Face Relationships
3. Relate Options
4. Persist
5. Accept Or Cancel
6. Single/All Face Alignment
7. Relationships
8. Workflow For Relating Faces
 - a) Activity: Relating A Single Face With A Rigid Select Set
 - b) Activity: Relating Faces Using Parallel, Coplanar, Perpendicular And Concentric Relationships
 - c) Activity: Relating All Faces In A Select set
 - d) Activity: Coplanar Axis Hole Alignment




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- e) Activity: Coplanar Axis Alignment Using A Custom Axis
- 9. Live Rules
- 10. Detected Face Relationships
- 11. Working With Live Rules
- 12. Orthogonal To Base If Possible
- 13. Detect Local Symmetry
 - a) Activity: Detecting Symmetry Relationships
 - b) Activity: Applying A Symmetric About Relationship
- 14. Live Rules Advanced(Live Rules Solution Manager)
- 15. Detected Rules
- 16. Pause A Synchronous Modeling Edit
- 17. Editing Detected Relationships Workflow
 - a) Activity: Modifying Detected Relationships
 - b) Activity: Changing The Default Live Rules
- 18. Using Variables
 - a) Activity: Using The Variable Table
- 19. Delete Face
- 20. Replace Face

Unit: 6. Constructing Treatment Features

- 1. Treatment Features
- 2. When To Add Treatment Features To Models
- 3. Rounding And Blending
- 4. Round Workflow
- 5. Rounding Order
 - a) Activity – Round Edges
 - b) Editing Rounds
 - c) Variable Radius Rounds
 - d) Blend Workflow
 - e) Activity – Blend Between Faces
- 6. Defining The Blend Shape
- 7. Chamfer Command
- 8. Chamfer Command (feature)
 - a) Activity – Creating Chamfer Features
- 9. Adding Draft To Parts
 - a) Activity – Add Draft To Model Faces
- 10. Things To Consider With Rounds And Draft Angles



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11. Thickening And Thinning Parts
 - a) Activity – Create A Plastic Part Using Thin Wall b)
Activity – Model An Oil Pan
12. Constructing Functional Features
13. Procedural Features
14. Hole Command (synchronous Environment)
 - a) Activity: Place Holes b)
Activity: Edit Holes
15. Pattern Features
16. Rectangular Pattern Command (3d Features)
 - a) Activity: Rectangular Patterns
17. Circular Pattern Command (3d Features)
 - a) Activity: Circular Patterns
18. Pattern Along Curve Command
 - a) Activity: Pattern Along Curve
19. Fill Pattern
20. Rectangular Fill
21. Stagger Fill
22. Radial Fill
23. Center Orient
24. Editing A Fill Pattern
25. Add A Feature To The Parent Features Set Of An Existing Pattern
26. Edit A Pattern Profile
27. Suppressing Occurrences
28. Touching Or Overlapping Pattern Features
 - a) Activity: Fill Pattern
29. Feature Libraries
30. Storing Features In A Library
31. Placing Feature Library Members
32. Redefining Parent Edges
33. Feature Library Guidelines
34. Create An Unmanaged Feature Library Member
35. Place A Feature Library Member Into Another Document
 - a) Activity: Feature Libraries
36. Detaching And Attaching Faces And Features
37. Detach Faces
38. Attach Faces
 - a) Activity: Detach And Attach Face Sets
 - b) Activity: Attach




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39. Cutting, Copying, And Pasting Model Elements
40. Copying And Cutting Elements
41. Pasting Elements
 - a) Activity: Copy And Move Face Sets
 - b) Activity: Copy And Paste Face Sets
42. Mirror
 - a) Activity: Mirror Faces And Features
43. Replace Face Command
 - a) Activity: Replace Face
44. Plastics Design Features
45. Rib Command
46. Web Network Command
47. Construct A Web Network
48. Vent Command
49. Lip Command
 - a) Activity: Functional Features In Consumer Products

Unit: 7. Modeling Synchronous And Ordered Features

1. Modeling Synchronous And Ordered Features
2. Moving Ordered Features To
 - Synchronous a) Activity: Creating Ordered Features
 - b) Activity: Creating Both Ordered And Synchronous Features In A Model c) Activity: Using Intellisketch
 - d) Activity: Applying Sketch Relationships (collinear, Parallel, Equal)
 - e) Activity: Applying Sketch Relationships (symmetric)
 - f) Activity: Using Construction Elements In Profiles
 - g) Activity: Constructing A Model From Sketches
 - h) Activity: Creating A Loft And Swept Protrusion
 - i) Activity: Creating Profile-Based Features
 - j) Activity: Constructing A Mouse Base
 - k) Activity: Embossing Text
 - l) Activity: Modeling A Machined Part
 - m) Activity: Constructing A Bracket

Unit: 8. Modeling Assemblies

1. Solid Edge Assembly
2. Placing Parts In Assemblies
3. Pathfinder In Assemblies




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4. Assembly Relationships
5. Capture Fit Command
6. Capture The Assembly Relationships For A Part
- a) Activity: Positioning Parts With Mate, Axial Align, Planar Align And Insert
- b) Activity: Placing Parts In An Assembly Using Flashfit
7. The Assemble Command
8. Assemble Command
9. More Assembly Relationships
10. Connect Relationship
- a) Activity: Positioning Assembly Parts Using The Connect Relationship
- b) Activity: Positioning Assembly Parts Using The Angle Relationship
11. Designing In The Context Of An Assembly
- a) Activity: Designing In The Context Of A Synchronous Assembly

Unit: 9. Creating Detailed Drawing

1. Drafting
2. Drawing Production Overview
3. Create A Part Drawing
4. Create An Assembly Drawing
5. Opening And Saving Draft Documents
6. Drawing Sheets
7. Drawing View Creation
8. Documenting Multiple Parts In One Draft Document
9. Principal Views
10. Auxiliary Views
11. Detail Views
12. Section Views
13. Broken Views
14. Draft Quality And High Quality Views
15. Drawing View Manipulation
16. Drawing View Alignment
17. Drawing View Cropping
18. Removing Geometry From A View
19. Drawing View Updates
20. Drawing Properties
21. Reference Parts
22. Defining Drawing Standards
23. Using Hyperlinks
24. 2d Drawing Views And 2d Model Views
25. Drawing Area Setup In 2d Model Space
26. Schematic Diagramming Using Blocks And Connectors
27. Using Blocks



28. Displaying Blocks In The Library
29. Organizing Block Libraries
30. Editing Blocks
31. Using Connectors
32. Symbols Overview
33. Symbol Placement Methods
34. Activity: Drawing View Placement
 - a) Activity: Assembly Drawing Creation
 - b) Activity: Quicksheet
 - c) Activity: Broken View Creation
 - d) Activity: Broken-Out Section Creation
35. Dimensions, Annotations, And Pmi
36. Dimensioning Overview
37. Types Of Dimensions
38. Coordinate Dimensions
39. Class Fit Dimensions
40. 3d Pictorial Drawing View Dimensions
41. Dimension Groups
42. Zero And Negative Dimensions
43. Retrieving Dimensions And Annotations From A Model
44. Dimension And Annotation Standards And Formats
45. User-Defined Tables
46. Using The General Tab
47. Using The Title Tab
48. Using The Data Tab
49. Using The Sorting Page
50. Hole Tables
51. Family Of Parts Dimension Tables On Drawings
52. Tracking Dimension And Annotation Changes
53. Annotations Overview
54. Parts Lists
55. Exploded Parts Lists
56. Using The Columns Tab
57. Using The Options Page
58. Balloons
59. Center Lines, Center Marks, And Bolt Hole Circles
60. Engineering Fonts
61. Geometric Tolerancing
62. Product Manufacturing Information (pmi)




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- 63. Working With 3d Pmi
- 64. Pmi Dimensions And Annotations
- 65. Pmi Text Size And Color
- 66. Creating 3d Model Views With Pmi
- 67. Publishing Pmi And Model Views To View And Markup
- 68. Property Text Codes
 - a) Activity: Retrieving And Placing Dimensions
 - b) Activity: Placing Annotations
 - c) Activity: Placing A Parts List




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Department: MECH

Academic Year: 2019-2020

NAME OF THE PROGRAM : SOLID EDGE

LIST OF STUDENTS ENROLLED 24 /COMPLETED:23

SNO	NAME OF THE STUDENT	STATUS
1	Advith Gunja	Completed
2	Ajay vardhan Dayareddy	Completed
3	ArunreddyDall	Completed
4	Ayyappa ashok kumar Boddapati	Completed
5	DineshPittala	Completed
6	Harish Nagalapuram	Completed
7	Imran baba Shaik	Completed
8	Jacksonbabu Done	Completed
9	Lokeswarareddy Raya	Completed
10	Naveen raviteja Bokka	Completed
11	Nikith kumarYedla	Completed
12	NookeshDungala	Completed
13	RajeshDumpala	Completed
14	Ramakrishna babu Mandalapu	Completed
15	Sai tharun Gudipati	Completed
16	Sakshi preeth Juvvanapudi	Completed
17	Shiva kumar Byri	Completed
18	S.sai kiran Sirigidi	Completed
19	Suresh Vemula	Completed
20	Surya prakash Lankalapalli	Completed
21	Syam kumar Yarra	Completed
22	Vamsi Gangadevula	Completed
23	Venkata ganesh Devalla	Completed
24	Shivakumar danda	Not Completed

Assessment Procedures

☐ Exam

Report Of Certification Course

An extensive certification course on '**SOLID EDGE FUNDEMENTALS**' was conducted for Final year MECH students from **1th Feb 2020 To 20th Feb 2020**. The program aimed at imparting the basics of modeling to the students and also some of the advanced concepts which are not there in the curriculum.



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Andhra Pradesh State Skill Development Corporation

(Department of Skill Development, Entrepreneurship & Innovation, Govt. of Andhra Pradesh)



Attendance Report

Batch Id: Solid Edge >> CS(T13)SDE(111865)

S.No.	Name	2020-02-01	2020-02-02	2020-02-03	2020-02-04	2020-02-05	2020-02-06	2020-02-07	2020-02-08	2020-02-09	2020-02-10	2020-02-11	2020-02-12	2020-02-13	2020-02-14	2020-02-15	2020-02-16	2020-02-17	2020-02-18	2020-02-19	2020-02-20	Present Days	Attendance	
1	Adithi Gurja	P	H	P	P	P	P	P	P	H	A	P	P	P	A	P	H	P	P	P	P	15	88.24	Adithi
2	Ajay vardhan DayanaCy	P	H	P	P	P	P	P	P	H	A	P	P	P	A	P	H	P	P	P	P	15	88.24	Ajay
3	Anureddy Dali	P	H	P	P	P	P	P	P	H	P	P	P	A	A	P	H	P	A	P	P	14	82.35	Anureddy
4	Ayyappa ashok kumar Boddapati	P	H	P	P	P	P	P	P	H	A	P	P	P	P	P	H	P	P	P	P	16	94.12	Ayyappa
5	Dinesh Pittala	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Dinesh
6	Harish Nagalapuram	P	H	P	P	P	P	P	P	H	P	P	P	P	A	P	H	P	P	P	P	16	94.12	Harish
7	Innan babe Shaik	P	H	P	P	A	P	P	P	H	P	P	P	P	A	P	H	A	P	P	P	14	82.35	Innan
8	Jackson babu Done	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	A	A	P	P	15	88.24	Jackson
9	Lokeshwara reddy Rayu	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Lokeshwara
10	Naveen ravi teja Bokka	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Naveen
11	Nikhil kumar Yedla	P	H	P	P	P	P	P	P	H	P	P	P	P	P	A	H	P	P	P	P	16	94.12	Nikhil
12	Nookesh Dungal	A	H	P	P	P	P	P	P	H	A	P	P	P	P	P	H	P	P	P	P	15	88.24	Nookesh
13	Rajesh Dumpala	P	H	P	P	P	P	P	P	H	A	P	P	A	P	P	H	A	P	P	P	14	82.35	Rajesh
14	Rama krishna babu Mandelapu	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	A	P	P	16	94.12	Rama
15	Sai Charan Gudipati	P	H	P	P	P	P	P	P	H	P	P	P	P	A	A	H	P	P	P	P	15	88.24	Sai
16	Sakshi preethi Juvvanapudi	P	H	P	P	P	P	P	P	H	A	P	P	P	A	P	H	P	P	P	P	15	88.24	Sakshi
17	Shiva kumar Byri	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Shiva
18	Shiva kumar Danda	P	H	P	P	A	P	P	P	H	A	A	A	P	A	A	H	A	A	P	A	8	47.06	Shiva
19	Sasi kiran Sirigidi	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	A	P	P	P	16	94.12	Sasi
20	Suresh Vemula	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Suresh
21	Surya pratish Lankalapati	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Surya
22	Syam kumar Yarra	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	P	P	P	17	100.00	Syam
23	Vamshi Gangadevula	P	H	P	P	P	P	P	P	H	P	P	P	P	P	P	H	P	A	P	P	18	94.12	Vamshi

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6/24/2020

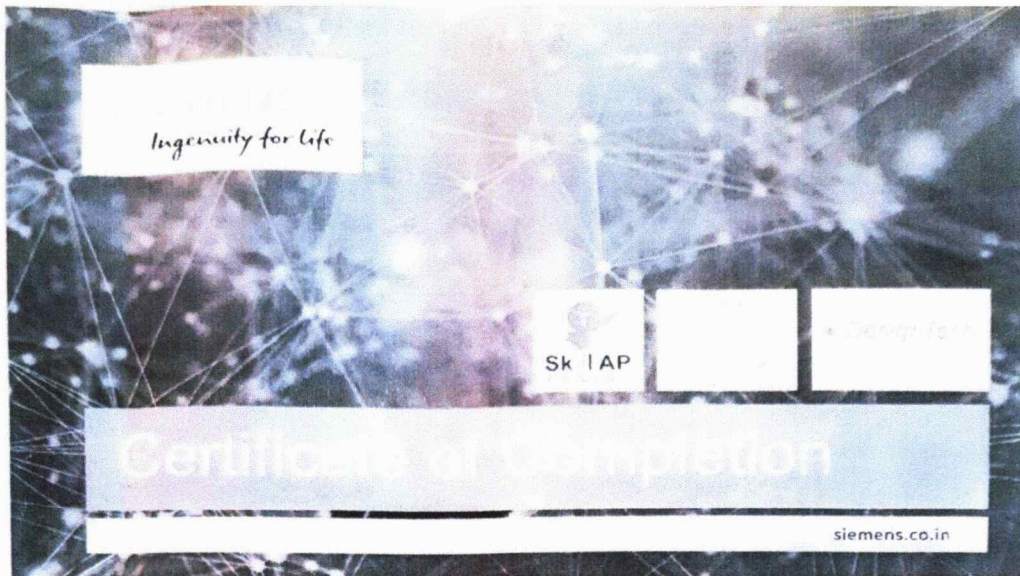
Andhra Pradesh State Skill Development Corporation - Siemens

S.No.	Name	2020-02-01	2020-02-02	2020-02-03	2020-02-04	2020-02-05	2020-02-06	2020-02-07	2020-02-08	2020-02-09	2020-02-10	2020-02-11	2020-02-12	2020-02-13	2020-02-14	2020-02-15	2020-02-16	2020-02-17	2020-02-18	2020-02-19	2020-02-20	Present Days	Attendance
24	Venkatesh Ganesh Deyala	P	H	P	P	P	P	P	P	H	P	P	P	P	A	A	H	P	P	P	P	15	88.24



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SAMPLE CERTIFICATE



This is to certify that **Shaik Imran Baba**

bearing number **APSSDC/Siemens/M/115114** .. has successfully

completed **Solid Edge-Fundamentals** Course

Conducted at

..... **Andhra Loyola Institute Of Engineering And Technology, Vijayawada**

from **01-Feb-2020 to 20-Feb-2020**

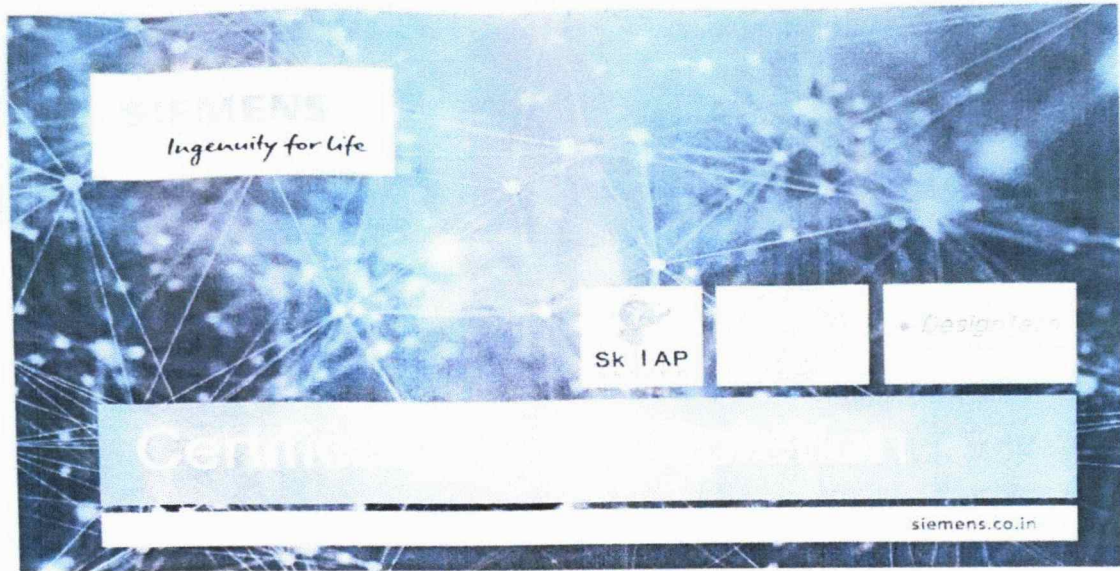
Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures


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This is to certify that **Dumpala Rajesh**.....
bearing number **APSSDC/Siemens/M/115115** has successfully
completed..... **Solid Edge-Fundamentals**..... Course
Conducted at
..... **Andhra Loyola Institute Of Engineering And Technology, Vijayawada**.....
from **01-Feb-2020 to 20-Feb-2020**

Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures


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