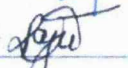
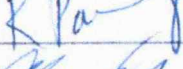


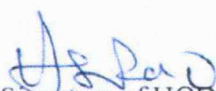
**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS**

Dt: 4-01-2019

MINUTES OF MEETING

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

SNO	Name of the Faculty	Designation	Signature
1	K. Venkateswara Rao	Asst. prof	
2	K. Nageswara Rao	Asst. prof	
3	B. V. S. Chish Babu	Asst. prof	
4	K. Suresha	Asst. Prof	
5	K. Raju	Asst. prof	
6	CH. NAGAMANI	Asst. Prof	
7	K. Sandhya	Asst. prof	
8	RAZEENA BEGUM	Asst. Prof	
9	T. UISHORE BABU	Asst. Prof	
10	DR. A. Srinivas Rao	Professor	
11	M. Mohan Deepthi	Asst. prof	
12	R. Padmaja	Asst. Prof	
13	L. V. Ramesh	Asst. prof	
14	A. Koteswara Rao	Asst. prof	
15	V. Raju Kumar	Asst. prof	


Signature of HOD


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

Title of the Certification: Java Fundamentals
Faculty Name: K. Nageswara Rao, K Venkateswara Rao

Year / Sem: III, IV/ II
Academic Year: 2018-19

SYLLABUS

UNIT-1: Introduction
UNIT-2: Alice 3
UNIT-3: Greenfoot
UNIT-4: Java Basics
UNIT-5: Program Structure
UNIT-6: Arrays and Exceptions
UNIT-7: Java Classes


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

Name of the Program: Java Fundamentals**List of Students Enrolled / Completed: 54**

SNO	NAME OF THE STUDENT
1	Kavitha ManjushA
2	Gottam Sri Navya
3	Harathi korini
4	Mamilla Gayathri
5	Garikina Nikhila
6	Chintapenta Satya Sri Harsha
7	Matlapudi Priyanka
8	Japnish Singh Kohli
9	Harsha Preetham P
10	Nagothu Bala Niranjana
11	Penumudi Sailaja
12	Pamula Srenika
13	Ketha Prema Jyothi
14	Chalamalasetti Chamundeswari
15	Pasumarthi dakshayani
16	Palagani Padma
17	Sasirekha Adharapurapu
18	Maddali Madhuri
19	Boppa Jamima
20	Bethu Pavan Sai
21	Geethika Lakshmi Mavuri
22	Thota Hepsi
23	Deevi Sri Divya
24	Bheemineni Sruthi
25	Bolla Praneetha
26	Sunitha Kommini
27	Araveeti Sucharitha
28	Venkata Durga Siva Sai Chodiboina
29	Nagam chenchu lakshmi
30	Naga Triveni Viswanadhapalli
31	Nelaturi Sudeepthi
32	Akula Poojitha
33	Kolli Ramakanth


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VIJAYAWADA-520008.

34	Satti Siva Rama Krishna Reddy
35	Preethi Julian Stanley
36	Shaik Abdul Azeem
37	Lakshmi Durga Chikatla
38	Adusumilli Mani Deepika
39	Nandam Sirisha
40	Kunduru Bindu Bhargavi
41	Palisetty Naveena
42	Malla Maheesha
43	Shaik Farheen sultana
44	Sireesha Yarlagadda
45	Mohammad Haneef
46	Medepalli Jeevana Deepa
47	Ogirala Krupa Prasanna
48	Rayabaram Preethika
49	Omkar Vamsi Krishna Chinta
50	Sravani Muthyala
51	Gurindagunta Tejaswi
52	Darla Angel
53	Yasmeen Shaik
54	Sandhya Rani Chinnam

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on '**Java Fundamentals**' was conducted for 3rd year and 4th year CSE students from **7-01-2019 To 29-03-2019**. The program aimed at imparting the basics of Java Fundamentals 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-520008.

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: K. Nageswara Rao, K. Venkatesh Rao
ACADEMIC YEAR: 2018-19
BRANCH: CSE
SUBJECT: Java Fundamentals

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	16HP1A0011	Kavitha Maniusha	1	2	3	4	5	6	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	16HP1A0055	Gottam Sri Nowsa	1	2	3	4	5	6	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	16HP1A0079	Hanathi Kavini	1	2	3	4	5	6	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	16HP1A0088	Manilla Gayatri	1	2	3	4	5	6	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	16HP1A0090	Gaika Nikhila	1	2	3	4	5	6	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	16HP1A0094	Chinta Penta Satya Sri Harsha	1	2	3	4	5	6	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	16HP1A0098	Mallapudi 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
8	16HP1A0100	Jayanthi Singh Kohli	1	2	3	4	5	6	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	16HP1A0102	Harsha Beetham P	1	2	3	4	5	6	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	16HP1A0109	Nagathu Bala Niranjan	1	2	3	4	5	6	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	16HP1A0159	Pennamudi Sai Jala	1	2	3	4	5	6	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	16HP1A0223	Pamula Sreenika	1	2	3	4	5	6	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	16HP1A0277	Ketha Purna Tyothi	1	2	3	4	5	6	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	16HP1A0287	Chalammakethi Channudiswari	1	2	3	4	5	6	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	16HP1A0287	Pasumarthi Dakshayani	1	2	3	4	5	6	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	16HP1A0306	Palagani Padmay	1	2	3	4	5	6	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	16HP1A0306	Saithirakha Adharapurapu	1	2	3	4	5	6	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	16HP1A0330	Maddala Madhura	1	2	3	4	5	6	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	16HP1A0354	Boppa Tammina	1	2	3	4	5	6	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	16HP1A0354	Bethu Pavan 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
21	16HP1A0354	Gethika Lakshmi Nanni	1	2	3	4	5	6	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	16HP1A0354	Tajeta Hepsu	1	2	3	4	5	6	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	16HP1A0354	Dreva Sri 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
24	16HP1A0354	Bhraminani Sriathi	1	2	3	4	5	6	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	16HP1A0354	Bella Pranektha	1	2	3	4	5	6	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	16HP1A0354	Saitha Kammani	1	2	3	4	5	6	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	16HP1A0354	Anaveethi Sucharitha	1	2	3	4	5	6	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	16HP1A0354	Nekkata Durga Siva Sridharini	1	2	3	4	5	6	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	16HP1A0354	Nagamchaitanya 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
30	16HP1A0354	Naga Tiruvani	1	2	3	4	5	6	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	16HP1A0354	Nelaturi Sudeepthi	1	2	3	4	5	6	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	16HP1A0354	Alga Ponitha	1	2	3	4	5	6	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	16HP1A0354	Kolli Rama Kanth	1	2	3	4	5	6	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	16HP1A0354	Satti Siva Rama Krishna	1	2	3	4	5	6	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	16HP1A0354	Beethi Julian Staneky	1	2	3	4	5	6	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	16HP1A0354	Shraik Abdul Bezen	1	2	3	4	5	6	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	16HP1A0354	Lakshmi 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
38	16HP1A0354	Musmelli Hari Deepika	1	2	3	4	5	6	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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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: K. Nageswara Rao, K. Venkatowara Rao BRANCH: CSE

ACADEMIC YEAR: 2018-19

SUBJECT: Java fundamentals

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
39	16HFA052	Nandam Sriro	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
40	16HFA053	Kanduru Bindu Borge	1	A	2	3	4	5	6	7	8	9	10	11	12	13	14
41	16HFA054	Palisetty Manasa	1	2	A	3	4	5	6	7	8	9	10	11	12	13	14
42	16HFA055	Malla Manasa	1	2	3	A	4	5	6	7	8	9	10	11	12	13	14
43	16HFA056	Shaili Lakshmi Sathya	1	2	3	4	A	5	6	7	8	9	10	11	12	13	14
44	16HFA057	Suresha Yonalgadda	1	2	3	4	5	A	6	7	8	9	10	11	12	13	14
45	16HFA058	Mohammad Haris	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14
46	16HFA059	Udayapalli Tevarappa	1	2	3	4	5	6	7	A	8	9	10	11	12	13	14
47	16HFA060	Originala Kiran Prasanna	1	2	3	4	5	6	7	8	A	9	10	11	12	13	14
48	16HFA061	Ravababu Prasanna	1	2	3	4	5	6	7	8	9	A	10	11	12	13	14
49	16HFA062	Omkan Vamsikrishna	1	2	3	4	5	6	7	8	9	10	A	11	12	13	14
50	16HFA063	Sriyani Muthyala	1	2	3	4	5	6	7	8	9	10	11	A	12	13	14
51	16HFA064	Gurindagunta Tejasei	1	2	3	4	5	6	7	8	9	10	11	12	A	13	14
52	16HFA065	Darla Angel	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14
53	16HFA066	Vasmeen Shaik	1	2	3	4	5	6	7	8	9	10	11	12	13	14	A
54	16HFA067	Sandhya Panichnam	1	2	3	4	5	6	7	8	9	10	11	12	13	A	14
55																	
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23	1	2	3	4	5	6	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	A	17	18	19	20	21	22	A	23	24	25	26	27	28	29	30														
15	16	17	A	18	19	20	21	22	23	A	24	25	26	27	28	29														
15	16	A	17	18	19	20	21	22	23	24	25	26	27	28	29	30														
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15	16	17	18	19	A	20	21	22	23	24	25	26	27	28	29	30														
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15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30															
15	16	17	18	19	A	20	21	22	23	24	25	26	27	28	29	30														
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30															
15	A	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30														
15	16	17	18	19	20	21	22	A	23	24	25	26	27	28	29	30														
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30															

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AWARD *of* COURSE COMPLETION

Java Fundamentals

PRESENTED TO

MADDALI MADHURI

FOR SATISFACTORY COMPLETION OF ALL
COURSEWORK AND TRAINING

3/29/2019

A handwritten signature in blue ink, appearing to read "Nagendar Rao", written over a horizontal line.

Oracle Academy Instructor

A handwritten signature in green ink, appearing to read "A. Srinivas", written over a horizontal line.

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VIJAYAWADA-520008.

ORACLE ACADEMY

AWARD *of* COURSE COMPLETION

Java Fundamentals

PRESENTED TO

BOPPA JAMIMA

FOR SATISFACTORY COMPLETION OF ALL
COURSEWORK AND TRAINING

3/29/2019



Oracle Academy Instructor



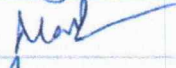
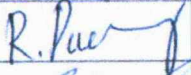
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MDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

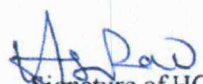
**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS**

Dt: 4 - 01 - 2019

MINUTES OF MEETING

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

SNO	Name of the Faculty	Designation	Signature
1	K. Sireesha	Asst. Prof	
2	B. V. Satish Babu	Asst. Prof	
3	K. Nagarwanth Rao	Asst. Prof	
4	K. Raju	Asst. Prof	
5	K. Sandhya	Asst. Prof	
6	CH. NAGAMANI	Asst. Prof	
7	RAZEENA BEGUM	Asst. Prof	
8	K. Venkateswara Rao	Asst. Prof	
9	T. UISHORE BABU	Asst. Prof	
10	D. R. A. Srinivasa Rao	Professor	
11	M. Mahana Deepika	Asst. Prof	
12	R. Padmaja	Asst. Prof	
13	L. V. Ramesh	Asst. Prof	
14	A. Koteswara Rao	Asst. Prof	
15	V. Dilip Kumar	Asst. Prof	


Signature of HOD


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

Title of the Certification: Java Programming
Faculty Name: K. Nageswara Rao, K Venkateswara Rao

Year / Sem: III, IV/ II
Academic Year: 2018-19

SYLLABUS

UNIT-1: JVM, JDK
UNIT-2: Byte code and Class Loader
UNIT-3: Java Classes and Exceptions
UNIT-4: Generics and Collections
UNIT-5: Strings and Recursion
UNIT-6: Input and Output
UNIT-7: JDBC


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOG
VIJAYAWADA-5200

Name of the Program: Java Programming**List of Students Enrolled / Completed: 54**

<u>SNO</u>	<u>Name of the Student</u>
1	Kavitha ManjushA
2	Gottam Sri Navya
3	Harathi korini
4	Mamilla Gayathri
5	Garikina Nikhila
6	Chintapenta Satya Sri Harsha
7	Matlapudi Priyanka
8	Japnish Singh Kohli
9	Harsha Preetham P
10	Nagothu Bala Niranjan
11	Penumudi Sailaja
12	Pamula Srenika
13	Ketha Prema Jyothi
14	Chalamalasetti Chamundeswari
15	Palagani Padma
16	Sasirekha Adharapurapu
17	Maddali Madhuri
18	Boppa Jamima
19	Bethu Pavan Sai
20	Geethika Lakshmi Mavuri
21	Thota Hepsi
22	Deevi Sri Divya
23	Bheemineni Sruthi
24	Bolla Praneetha
25	Sunitha Kommini
26	Araveeti Sucharitha
27	Venkata Durga Siva Sai Chodiboina
28	Nagam chenchu lakshmi
29	Naga Triveni Viswanadhapalli
30	Nelaturi Sudeepthi
31	Akula Poojitha
32	Kolli Ramakanth
33	Satti Siva Rama Krishna Reddy


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34	Preethi Julian Stanley
35	Shaik Abdul Azeem
36	Lakshmi Durga Chikatla
37	Adusumilli Mani Deepika
38	Nandam Sirisha
39	Kunduru Bindu Bhargavi
40	Palisetty Naveena
41	Malla Maheesha
42	Shaik Farheen sultana
43	Sireesha Yarlagadda
44	Mohammad Haneef
45	Pasumarthi dakshayani
46	Medepalli Jeevana Deepa
47	Ogirala Krupa Prasanna
48	Rayabaram Preethika
49	Omkar Vamsi Krishna Chinta
50	Sravani Muthyala
51	Gurindagunta Tejaswi
52	Darla Angel
53	Yasmeen Shaik
54	Sandhya Rani Chinnam

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on '**Java Programming**' was conducted for 3rd year and 4th year CSE students from **7-01-2019 To 29-03-2019**. The program aimed at imparting the basics of Java Programming 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

FACULTY NAME: K.Nageswara Rao, K.Venkateswara Rao BRANCH: CSE
ACADEMIC YEAR: 2018-19 SUBJECT: Java Programming

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																																
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	16HPIA0511	Kavitha Manjusha	1	2	3	4	5	6	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	16HPIA0512	Gotham Sai Naraya	1	2	3	4	5	6	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	16HPIA0513	Harathi 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
4	16HPIA0514	Ganitha Satya Srihitha	1	2	3	4	5	6	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	16HPIA0515	Manthapudi 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
6	16HPIA0516	Jayaprakash Singh Kothli	1	2	3	4	5	6	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	16HPIA0517	Manila 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
8	16HPIA0518	Harsha Preetha P	1	2	3	4	5	6	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	16HPIA0519	Nagathu Bala Nijanjana	1	2	3	4	5	6	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	16HPIA0520	Penumudi Sailaja	1	2	3	4	5	6	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	16HPIA0521	Pamula Sreenitha	1	2	3	4	5	6	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	16HPIA0522	Keta Priya 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
13	16HPIA0523	Chalamalasetti Chamundeesa	1	2	3	4	5	6	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	16HPIA0524	Ramamethi Patsahayani	1	2	3	4	5	6	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	16HPIA0525	Palagani Padma	1	2	3	4	5	6	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	16HPIA0526	Srinivasa Adharapuramapu	1	2	3	4	5	6	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	16HPIA0527	Maddali 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
18	16HPIA0528	Boppa Tamma	1	2	3	4	5	6	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	16HPIA0529	Bethu Pavan 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
20	16HPIA0530	Geethika lakshmi Mavuri	1	2	3	4	5	6	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	16HPIA0531	Thota Hary	1	2	3	4	5	6	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	16HPIA0532	Devi Sai danya	1	2	3	4	5	6	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	16HPIA0533	Bheemirani Sudhi	1	2	3	4	5	6	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	16HPIA0534	Balla 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
25	16HPIA0535	Sunitha kummini	1	2	3	4	5	6	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	16HPIA0536	Azaveethi Suchasitha	1	2	3	4	5	6	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	16HPIA0537	Kentala Durga Siva 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
28	16HPIA0538	Nagam Chenchu 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
29	16HPIA0539	Naga Tulani Vinayakapadi	1	2	3	4	5	6	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	16HPIA0540	Nelaturi Sudeepthi	1	2	3	4	5	6	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	16HPIA0541	Akula Rajitha	1	2	3	4	5	6	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	16HPIA0542	Kolli Rama Parth	1	2	3	4	5	6	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	16HPIA0543	Satti Siva Rama Krishna	1	2	3	4	5	6	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	16HPIA0544	Preethi Julian	1	2	3	4	5	6	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	16HPIA0545	Shaik Abdul Azeem	1	2	3	4	5	6	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	16HPIA0546	Adusumilli Manideepika	1	2	3	4	5	6	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	16HPIA0547	Nandam Saishra	1	2	3	4	5	6	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	16HPIA0548	Shaik 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

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VIJAYAWADA-520008

ANDHRA LOYOLA INSTITUTE

FACULTY NAME: K. Nageswara Rao
ACADEMIC YEAR: 2018-19

HOUR TAKEN		
MONTH & DATE		
SIGNATURE		

S.NO.	REG. NO.	STUDENT N.
1	16HPIA0511	Kavitha Manjula
2	16HPIA0512	Gottam Sri Navy
3	16HPIA0514	Hazathi Gayath
4	16HPIA0516	Ganitha Satya
5	16HPIA0522	Manthapadi Pu
6	16HPIA0518	Jayanthi Singh
7	16HPIA0525	Namila Gayath
8	16HPIA0527	Hazathi Priyeth
9	16HPIA0532	Nagathu Bala N
10	16HPIA0519	Pennurudi Sail
11	16HPIA0532	Pannula Sreenith
12	16HPIA0527	Keta Priyama Jk
13	16HPIA0528	Chalamalareti Ch
14	16HPIA0521	Pannurathi Pakt
15	16HPIA0529	Palagani Padma
16	16HPIA0528	Srinidhi Adhwa
17	16HPIA0532	Madhvi Madhu
18	16HPIA0524	Bappa Tamam
19	16HPIA0526	Bethu Pavan
20	16HPIA0523	Geethika laksh
21	16HPIA0520	Thota Hepar
22	16HPIA0524	Devi Sai dasy
23	16HPIA0525	Rheemirani Sa
24	16HPIA0526	Bolla Priyaneeth
25	16HPIA0528	Sunitha kemmi
26	16HPIA0532	Axaveethi Suc
27	16HPIA0530	Ventata Durga Siv
28	16HPIA0526	Nagam Chenchu
29	16HPIA0522	Naga Tulveni Via
30	16HPIA0528	Nelaturi Sudee
31	16HPIA0529	Akula Rajitha
32	16HPIA0524	Kolli Rama kr
33	16HPIA0527	Satti Siva Rao
34	16HPIA0525	Priyeth Julia
35	16HPIA0533	Shaik Abdul
36	16HPIA0526	Adusumilli M
37	16HPIA0528	Nandam Swais
38	16HPIA0529	Shaik Maxbeen

(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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

ORACLE ACADEMY

AWARD *of* COURSE COMPLETION

Java Programming

PRESENTED TO

CHALAMALASETTI CHAMUNDESWARI

FOR SATISFACTORY COMPLETION OF ALL
COURSEWORK AND TRAINING

3/29/2019



Oracle Academy Instructor



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AWARD *of* COURSE COMPLETION

Java Programming

PRESENTED TO

PASUMARTHI DAKSHAYANI

FOR SATISFACTORY COMPLETION OF ALL
COURSEWORK AND TRAINING

3/29/2019

A handwritten signature in blue ink, appearing to read "Nageswar Rao".

Oracle Academy Instructor

A handwritten signature in green ink, appearing to read "Anu".

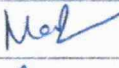
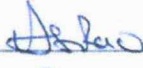
PRINCIPAL
ANDHRA LOYOLA INSTITUTE C
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008

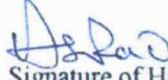
**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CERTIFICATION DETAILS**

MINUTES OF MEETING

Dt: 4-03-2019

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

SNO	Name of the Faculty	Designation	Signature
1	K. Venkateswara Rao	Asst. prof	
2	K. Sireesha	Asst. Prof	
3	K. Raju	Asst. prof	
4	B. V. Satish Babu	Asst. prof	
5	CH. NAGAMANI	Asst. prof	
6	RAZEENA BEGUM	Asst. Prof	
7	K. Sandhya	Asst. prof	
8	T. KISHORE BABU	Asst. prof	
9	DR. A. Srinivasa Rao	Professor	
10	M. Mohana Deepthi	Asst. prof	
11	R. Padmaja	Asst. Prof	
12	L. V. Ramesh	Asst. Prof	
13	A. Koteswara Rao	Asst. prof	
14	V. Dilip Kumar	Asst. Prof	
15	KS Rakeshwar	Asst. prof	


Signature of HOD


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SYLLABUS

Module	Concepts	Hours
1	Introduction to networking concepts	1
2	Lesson 1: • What is meant by virtualization, Datacenter • Benefits of virtualization • Different types of infrastructures Lesson 2: • Computer Systems and different types of compute systems • Compute virtualization Lesson 3: • Storage and connectivity Lesson 4: • Software Defined Data Center	3
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 Lesson 3: • What is a Virtual Machine? • Types of Virtualization • Describe VMware Compute Virtualization: vSphere products and features	3


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4	<u>Hypervisor: Type 2 (Practical)</u> Lesson 1: • Overview of VMware Workstation • Key Features of VMware Workstation • Hardware and Software requirements • Installing VMware Workstation • Creating a Virtual Machine using VMware Workstation Lesson 2: • Overview of VMware Player • How to install VMware Player • Enabling VT-x/AMD-v in BIOS • Creating a blank Virtual Machine • Installation of Guest-OS 64-bit • VMware Fusion • Introduction to VMware Fusion • System requirements	3
5	<u>Hypervisor: Type 1 (Practical)</u>	2


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Department: CSE

Academic Year: 2018-2019

Name of the Program: Virtualization using VSphere

List of Students Enrolled / Completed: 26

<u>SNO</u>	<u>Name of the Student</u>
1	Chalamalasetti Chamundeswari
2	Nagam chenchu lakshmi
3	Thota Hepsi
4	Shaik Muneera Sulthana
5	Penumudi Sailaja
6	Pamula Srenika
7	Bheemineni Sruthi
8	Nelaturi Sudeepthi
9	Sunitha Kommini
10	Patibandla Supriya
11	Venkata Durga Siva Sai Chodiboina
12	Shaik Farheen sultana
13	Mamilla Gayathri
14	Medepalli Jeevana Deepa
15	Malla Maheesha
16	Adusumilli Mani Deepika
17	Palisetty Naveena
18	Garikina Nikhila
19	Matlapudi Priyanka
20	Chintapenta Satya Sri Harsha
21	Nandam Sirisha
22	Mohammad Haneef
23	Kanuri Nikhil Sai
24	Yadavilli Sanath kumar
25	Tirumalasetty mounika lakshmi sai
26	Kottapalli Manikanta Raja

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on 'Virtualization using VSphere' was conducted for 3rd year CSE students from 11-03-2019 To 20-03-2019. 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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BRANCH: CSE
SUBJECT: Virtualization
Using Vsphere

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY



Certificate Of Participation

This is to certify that Ms. PALISETTY NAVEENA of
Andhra Loyola Institute of Engineering and Technology has participated
in one week course on "Virtualization using VSphere" conducted
from 11/3/2019 to 20/3/2019


DR.O.MAHESH
PRINCIPAL


B.V.SATISH BABU
ASST PROFESSOR


DR.A.SRINIVASA RAO
HEAD OF THE DEPARTMENT


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY



Certificate Of Participation

This is to certify that Ms.SHAIK MUNEERA SULTANA of
Andhra Loyola Institute of Engineering and Technology has participated
in one week course on "Virtualization using VSphere" conducted
from 11/3/2019 to 20/3/2019


DR.O.MAHESH
PRINCIPAL


B.V.SATISH BABU
ASST PROFESSOR


DR.A.SRINIVASA RAO
HEAD OF THE DEPARTMENT

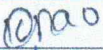
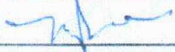
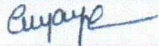
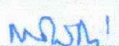

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VIJAYAWADA-8
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

Date: 05-02-2019

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 courses: Basics of PLC

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


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VIJAYAWADA-520008.


SIGNATURE OF THE HEAD OF THE DEPARTMENT
Head of the Department
Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520 008.

COORDINATOR NAME : Y.PAVAN KUMAR
TRAINER NAME: TAMEEZ
SUBJECT : DIGITAL ELECTRONICS
NAME OF THE CERTIFICATION: BASICS OF PLC

ACADEMIC YEAR: 2018-19

YEAR / SEM : II/II
DURATION : 5 DAYS

SYLLABUS

DAY-{07-02-19 to 14-02-19}

Module No.	Date	Particulars
I.	07/02/19	Hardware details of PLC. powering and wiring of modules with addressing.
	07/02/19	Simatic STEP7 controller family details.
II.		Bit Logic Operation with TIA Portal :
	07/02/19	a. No/Nc Concept.
	07/02/19	b. Logic gates(and, or, nand, nor, x-or, x-nor).
	07/02/19	c. Set, Reset coils and Set_BF, Reset_BF
	08/02/19	d. RS & SR Flip-Flops.
	08/02/19	e. Experiments on digital signals
		Timers Operation:
III	08/02/19	a. on-delay Timer, Retentive on delay Timer, off-delay timer, Pulse timer.
	08/02/19	b. Experiments on Timers.
IV		Counter operation
	12/02/19	a. Up Counter, Down Counter, Up/Down Counter
	12/02/19	b. Experiments on counters
V		Comparator Operation
	12/02/19	a. Equal, not equal, greater than, less than, greater than equal, less than equal.
	13/02/19	b. In-Range, Out-Range Comparator
	13/02/19	c. Elementary data types(word, Double Word, Real)


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VI		Math Functions
	13/02/19	a. ADD,SUB,MUL,DIV.....
	13/02/19	b. Move Operation
VII		Analog Value Processing
	14/02/19	a. Analog input instruction(Norm_X)
	14/02/19	b. Analog output instruction(Scale_X)
	14/02/19	c. Experiments on Analog signal


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VIJAYAWADA-520017

Name of the Program: Basics of PLC**List of Students Enrolled / Completed: 93**

S.No	Name of the Student
1	K.AISHWARYA NAIDU
2	P.AMALA GAUTHAMI
3	N.DHANA LAKSHMI
4	K.DHANA SRI DIVYA
5	V.HEMA LATHA
6	T.HEMA PRIYA
7	N.JYOTHIRMAI
8	S.JYOTHSNA
9	G.KOTI NAGA PAVANI
10	M.NAVYASREE
11	K.PRASANNA
12	D.PRIYANKA
13	SK RIZWANA
14	A SAI DIVYA
15	SK S MANJU
16	P SRI HARIKA
17	T VEENA MADHURI
18	MVN LAKSHMI
19	T VENNELA SRUJANA
20	B VIJAYA DURGA
21	K ARUN KUMAR
22	P BHARATH KUMAR
23	K NAGA VARDHAN REDDY
24	S NAGA VENKAT
25	K RAHUL
26	G RAMESH
27	SAI GUNTUR
28	B SIVA KIRAN
29	R THANMAI KUMAR
30	A V S Y N SARMA
31	V V NAGA YESWANTH
32	P VISWA TEJA
33	G BHUVANA BINDU
34	A CHANDANA
35	DILSHAD BEGUM
36	K LAVANYA
37	A RAMYA SREE
38	B JAYADEEP


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39	M SAI NIKHIL
40	M.ANU
41	D.APEKSHA
42	SK.ASMA
43	P.DEEPIKA
44	K.DIVYA
45	V.DIVYA
46	M.D.MAANVITHA
47	S.FATHIMA
48	T.GREESHMA
49	G.HARSHINI
50	K.HEMA LATHA
51	P.JYOTHSNA
52	T.KUMARI
53	G.L.SRAVANTHI
54	M.MANASA
55	B.MOUNIKA
56	P.MOUNIKA
57	K.MUNNI
58	SK.MUSKAN
59	P.TEJASRI
60	D.NANDITHA
61	G.PAVANI
62	D.PRATHYUSHA
63	A.RAMYA
64	J.SOWMYA
65	K.SRAVANTHI
66	K.SRAVANTHI
67	P.SUSHMA
68	B.VISHNU PRIYA
69	O.AKHIL
70	A.AKHIL
71	CH.ARUN KUMAR
72	R.CHARAN SAI
73	K.GANESH
74	P.PAVAN KUMAR
75	M.MADHUSUDHAN REDDY
76	I NAGA BRAHMAM
77	J.NAGA SANKAR
78	E.PAVAN KUMAR
79	A.PAVAN SAI
80	K.SANJEEV
81	K.SATWIK
82	E.SRINU
83	Y.TARUN
84	TVGS TEJA


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85	KVSB KUMAR
86	K. VENAKATASWAMY
87	D.VIJAYA SYAM
88	MULLA ABDUL SHAHINA
89	G. MOUNIKA
90	T. PUSHPALATHA
91	V. SATYAVATHI
92	K. PHANI
93	A. PRUDHVI

Assessment Procedures

- Exam conducted by APPSSDC and Certificates were issued to Qualified Students.

Report Of Certification Course

An extensive certification course on 'Basics of PLC' was conducted for 2nd year ECE students in two batches from 7-2-2019 to 14-2-2019 and 15-02-2019 to 20-02-2019. The program aimed at imparting the basics of PLC Technologies to the students and also some of the advanced concepts which are not there in the regular curriculum. The certified instructor **TAMEEZ** from the **APSSDC SIEMENS** trained the students.


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: Y. PAVAN KUMAR
ACADEMIC YEAR: 2018-19

BRANCH: ECE
SUBJECT: Basics of PLC

HOUR TAKEN		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
MONTH & DATE		15/5	15/5	15/5	15/5	15/5	15/5	16/5	16/5	16/5	16/5	16/5	16/5	17/5	17/5	17/5	17/5	17/5	17/5
SIGNATURE																			
S.NO.	REG. NO.	STUDENT NAME																	
1	17HP180401	K. AISHWARYA NAILOU																	
2	17HP180402	P. AMALA GAUTHAM																	
3	17HP180403	N. DHANA LAKSHMI																	
4	17HP180404	K. DHANA SRI DIVYA																	
5	17HP180405	V. HEMA LATHA																	
6	17HP180406	T. HEMA PRIYA																	
7	17HP180407	N. JYOTHIRMAY																	
8	17HP180408	G. KOTINAGA PAVANI																	
9	17HP180409	M. NAVYASREE																	
10	17HP180410	K. PRASANNA																	
11	17HP180411	D. PRIYANKA																	
12	17HP180412	SK. RIJWANA																	
13	17HP180413	A. SARDIYA																	
14	17HP180414	SRS. MANJU																	
15	17HP180415	P. SRI HARIKA																	
16	17HP180416	T. VEENA MADHUR																	
17	17HP180417	MVN. LAKSHMI																	
18	17HP180418	T. VENNELA SRUTANA																	
19	17HP180419	B. VITAYA DURGA																	
20	17HP180420	K. ARUN KUMAR																	
21	17HP180421	P. BHARATH KUMAR																	
22	17HP180422	K. NAGA VARDHAN REDDY																	
23	17HP180423	S. NAGA VENKAT																	
24	17HP180424	K. RAHUL																	
25	17HP180425	G. RAMESH																	
26	17HP180426	SRI. GUNUR																	
27	17HP180427	G. DIVA KIRAN																	
28	17HP180428	G. HANMAG KUMAR																	
29	17HP180429	A. V. S. V. N. SARMA																	
30	17HP180430	V. V. NAGA YESWANTH																	
31	17HP180431	P. VISWA TEJA																	
32	17HP180432	G. BHUVANA BINDU																	
33	17HP180433	A. CHANDANA																	
34	17HP180434	DILSHAD BEGUM																	
35	17HP180435	K. LAVANYA																	
36	17HP180436	A. RAMYA SREE																	
37	17HP180437	G. JAYA DEEP																	
38	17HP180438	M. SRI NIKHIL																	

HOD SIGNATURE

HOD SIGNATURE

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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: Y. YANAN KOMAR
ACADEMIC YEAR: 2018-19

BRANCH: ECE
SUBJECT: Basics of PLC

HOUR TAKEN			1	2	3	4	5	6	1	2	3	4	5	6	1	2	3
MONTH & DATE			10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11	10/11
SIGNATURE																	
S.NO	REG. NO	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
39	101100413	S. JYOTHSNA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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HOD SIGNATURE


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SIEMENS
Ingenuity for life



Certificate of Completion

siemens.co.in

This is to certify that **MALLUVALASA.SAI NIKHIL**.....
bearing number.....**DSL/APSSDC/27544**.....has successfully
completed.....**Basics of PLC**.....Course
Conducted at
V R Siddhartha Engineering College,Vijayawada.....
from **15-Feb-19** to **20-Feb-19**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

SIEMENS
Ingenuity for life



DesignTech
Technical staff for designing the future

Certificate of Completion

siemens.co.in

This is to certify that **SHAHINA MULLABDUL**.....

bearing number.....**DSL/APSSDC/27489**.....has successfully

completed.....**Basics of PLC**.....Course

Conducted at

.....**V R Siddhartha Engineering College, Vijayawada**.....

from **7-Feb-19** to **14-Feb-19**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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

MINUTES OF MEETING

Date: 10-08-2018

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 courses: PCB Designing and Manufacturing

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	MERAMA KRISHNA	Assoc. prof	Chw
2	K.MATILAKARJUNA RAO	Assoc. Prof	S
3	Dr. K. PRASANTHI JASMINI	Prof	Prasanthi
4	B.SANTHI KIRAN	Asst. prof	Kir
5	P.BHISE BABU	Assoc. prof	Bhise
6	T. LAKSHMI NARAYANA	Asst. prof	Lakshmi
7	G.ROOPA KRISHNA CHANDRA	Asst. prof	Roopa
8	G.RAVI	Asst. prof	G.Ravi
9	P.KOTESWARA RAO	Asst. Prof	Koteswara
10	Y.PAVAN KUMAR	Asst. prof	Pavan
11	N.BIJU BABU	Asst. prof	BiJu
12	G.VIJAYA KUMAR	Asst. prof	Vijaya
13	K. APPALA RAJ	Asst. prof	Appala
14	M. KRISHNA MOHAN	Asst. prof	Mohan
15	K. SRINIVASA RAO	Asst. prof	Srinivasa
16	MERAMA KRISHNA	Asst. prof	Merama
17	L.V.J. NAGINI	Asst. prof	Nagini
18	K. RUSIA RAO	Asst. prof	Rusia
19	C. PRANAB KUMAR	Asst. prof	Pranab
20	A. ABDUL AZEEM	Asst. prof	Aziz
21	MOHAMMAD BAIG	Asst. prof	Baig
22	S.SAU VENKATESH	Asst. prof	Sau

SIGNATURE OF THE HEAD OF THE DEPARTMENT

Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VUAYAWADA-520 008

Title of the Certification: PCB Designing & Manufacturing **Year: II**
Faculty Name: G.Ravi **Academic Year:** 2018-2019


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VUAYAWADA-520008.

13/08/2018

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

14/08/2018

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 555lc base Astable multi vibration
Project:-3 temperature controlled fan using LM 393 comparator

16/08/2018

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

17/08/2018

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.

18/08/2018

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.

Department: ECE

Academic Year: 2018-2019

Name of the Program : PCB Designing & Manufacturing

List of Students Enrolled / Completed: 139


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ENGINEERING & TECHNOLOGY
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SNO	STUDENT NAME
1	MOHAMMAD AFREEN BANU
2	KAMIREDDY AISHWARYA NAIDU
3	PUDOTA AMALA GOUTHAMI
4	SALI ANVITHA
5	GUNDAM BHAVANI
6	MORLA DEEPIKA
7	NERELLA DHANA LAKSHMI
8	KONIDENA DHARANI SRI DIVYA
9	BATTU DURGA BHAVANI
10	KANNA HARSHITHA PRASANTHI
11	VANGARA HEMA LATA
12	HEMA PRIYA THIRUMALASETTY
13	CHITTEM JHANSI RANI
14	NEELI JYOTHIRMAI
15	SAMALA JYOTHSNA
16	GARLAPATI KOTI NAGA PAVANI
17	GURRAM MADHAVI
18	MANDAPATI NAVYASREE
19	KARNENA PRASANNA
20	DUNNA PRIYANKA
21	SHAIK RIZWANA
22	ADAPA SAI DIVYA
23	TAMMALALA SAI PADMAJA
24	SHAIK SHABRIN MANJU
25	TODUSU SIRI CHANDANA


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26	PAGOLU SRI HARIKA
27	NUVVULA SRINITHYA
28	SHAIK THASEIN
29	BODDENAPALLI V P S SAI SREE HARIKA
30	TIRUMALASETTY VEENA MADHURI
31	MUKKOLLU VENKATA NAGA LAKSHMI
32	THIRUMALA SETTY VENNELA SRUJANA
33	BADUKONDA VIJAYA DURGA
34	KAMATHAM ARUN KUMAR
35	PENUMAKA BHARATH KUMAR
36	KEDASI BHARGAV
37	BILLA CHANDRA BABU
38	MADIVADA DINESH
39	KARNATI HARI SAI LOKESH
40	DEEPTHIMAHANATHI GOPI SATVIK
41	CHIKKALA MOHANSUNDAR
42	KOKI NAGA VARDHANA REDDY
43	SRIKHAKOLANU NAGA VENKAT
44	BELLAMKONDA NAGA VENKATASAI CHANDRA SEKHAR
45	KOLLI RAHUL
46	GULIVINDALA RAMESH
47	KANDI RAMU
48	SAI GUNTURU
49	BOTCHA SIVA KIRAN
50	THATI SURYA TEJA
51	RUDRAPATI THANMAI KUMAR


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52	ADDEPALLI V S Y NARAYANA SARMA
53	CHINTHA VEERA VENKATA DURGA PRASAD
54	BORIGALLA VENKATA RAVI KUMAR
55	VEGESNA VENKATASIVA NAGA YASWANATH
56	MUNAGALA VIKAS
57	DAKAVARAPU VINAY KUMAR
58	PEDDIREDDI VISWA TEJA
59	GURIVINDAGUNTA BHUVANA BINDU
60	ANKEM CHANDANA
61	DILSHAD BEGUM
62	VUYYURU DIVYA SRI
63	KARRI LAVANYA
64	SHAIK NARGEES
65	AMBATI RAMYASREE
66	TALLURI GOPICHAND
67	BHEEMALA JAYA DEEP
68	KUMPATI PAVANKUMAR
69	MALLUVALASA SAI NIKHIL
70	MEDABALIMI ANU
71	PUDOTA ANUPAMA
72	DANTHAMALA APEKSHA
73	SHAIK ASMA
74	KOLLIPARA BHAVAGNYA
75	PATNALA DEEPIKA
76	KANCHARANA DIVYA
77	VUYYURU DIVYA


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78	MUPPA DOONDY MAANVITHA
79	SAYEEDA FATHIMA
80	TALLA GREESHMA
81	GANAPAVARAPU HARSHINI
82	KALLAM HEMA LATHA
83	PALANATI JYOTHSNA
84	VUTUKURI KAVYA RAGA SUDHA AHALYA
85	TEKU KUMARI
86	GAJULA LEELA SRAVANTHI
87	BOYINA MANASA
88	MEDURI MANASA
89	BETHU MOUNIKA
90	POTHABATTULA MOUNIKA
91	KANKIPATI MUNNI
92	SHAIK MUSKAN TARANNUM
93	PENUGONDA NAGA VENKATA SAI DURGA TEJASRI
94	DASARI NANDITHA
95	GOTTAM PAVANI
96	DEEVI PRATHYUSHA
97	RAMYA ARJAMPUDI
98	JILLEPALLI SOWMYA
99	KANCHARLA SRAVANTHI
100	SRAVANTHI KANAPARTHI
101	PINNINTI SUSHMA
102	BADINENI VISHNU PRIYA
103	OGURI AKHIL


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104	KATUMALA AKHIL
105	ADAPALA AKHIL
106	CHAKKA ARUN KUMAR
107	RAJULAPATI CHARAN SAI
108	KAMARAJUGADDA GANESH
109	PERALA GIRIDHAR PAVAN KUMAR
110	MANDALAPU MADHU SUDHAN REDDY
111	KAJA MOHANA VENKATA KRISHNAM RAJU
112	INAGANTI NAGA BRAHMAM
113	JALUKURI NAGASANKAR
114	NEERAJ K
115	ELISETTY PAVAN KUMAR
116	ANDE PAVAN SAI
117	GUDAPATI PAVANKUMAR
118	PARASA PRAVEEN
119	SANJEEV KOGANTI
120	KODALI SATWIK
121	PISUPATI SITARAMA SHANMUKHA VASANTH
122	EPPULA SRINU
123	YANDAPALLI THARUN
124	THUNGALA VENKATA GOPI SAI TEJA
125	KODELA VENKATA SAI BRAHMENDRA KUMAR
126	KEERTHI VENKATASWAMY
127	DEVARAKONDA VIJAY SYAM
128	MULLA ABDUL SHAHINA
129	ARUMBAKA BEERSHEBA


 PRINCIPAL
 BHARA LOYOLA INSTITUTE OF
 ENGINEERING & TECHNOLOGY
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130	VEMULAPALLI BHARGAVI
131	GUMMALLA MOUNIKA
132	DASARI PRASANNA
133	TADIBOYINA PUSHPALATHA
134	VANAPALLI SATYAVATHI
135	BORA BHANU PRAKASH
136	KODALI PAVAN KUMAR
137	KAKARA PHANI
138	ADHARAPURAPU PRUDHVI
139	GANDETI SIVA

Assessment Procedures

➤ Viva

Report Of Certification Course

An extensive certification course on 'PCB Designing & Manufacturing' was conducted for 2nd year ECE students from 13-08-2018 To 18-08-2018. The program aimed at imparting the basics of **PCB Designing and soldering** to develop a simple PCB .


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VIJAYAWADA-520008.

BRANCH: ECE
SUBJECT: PCB DESIGN & MANUFACTURE

HOD SIGNATURE

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



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Course Completion

This is to certify that Mr/Ms/Mrs. MOHAMMAD AFREEN BANU

has participated in a course on “PCB DESIGN AND
MANUFACTURING” conducted from 13th Aug 2018 TO 18th Aug 2018.

Head of the Department

Resource Person

Principal



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Certificate of Course Completion

This is to certify that Mr/Ms/Mrs. KAMIREDDY AISHWARYA NAIDU

has participated in a course on “PCB DESIGN AND
MANUFACTURING” conducted from 13th Aug 2018 TO 18th Aug 2018.

Head of the Department

Resource Person

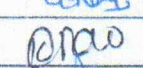
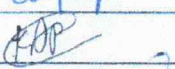
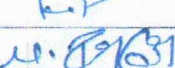
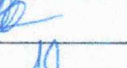
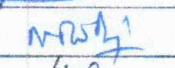
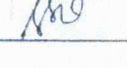
Principal

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATION DETAILS

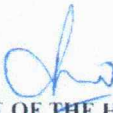
MINUTES OF MEETING

Date: 19-11-2018

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 courses: Micro Controller Conducted by CTD.

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	
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. Prof	
9	P.KOTESWARA RAO	Asst. Prof	
10	Y.PAVAN KUMAR	Assistant Professor	
11	N.BULLI BABU	Assistant Prof	
12	G.VIJAYA KUMAR	Assistant prof	
13	KAPPALA RAJU	Asst. Prof	
14	M.KRISHNA MOHAN	Asst. Professor	
15	K.SRINIVASA RAO	Asst. Prof	
16	M.RAMA KRISHNA	Asst. Professor	
17	L.V.L.NAGINI	Asst. Prof	
18	K.RAMA RAO	Asst. Prof	
19	CH.PRANOB KUMAR	Asst. Prof	
20	A.ABDUL AZEEM	Asst. prof	
21	MOHAMMAD BAIG	Asst. Prof	
22	S.SAI VENKATESH	Asst. Prof	


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SIGNATURE OF THE HEAD OF THE DEPARTMENT
Head of the Department
Electronics and Communication Engineering
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008

COORDINATOR NAME : T.LAKSHMI NARAYANA
TRAINER NAME: G.SANATH KUMAR
SUBJECT : Micro Controllers
NAME OF THE CERTIFICATION: MICRO CONTROLLERS

ACADEMIC YEAR: 2018-19
YEAR / SEM : III/II
DURATION : 26 DAYS

SYLLABUS

Module-1

8051 Microcontroller Basics: Inside the Computer, Microcontrollers and Embedded Processors, Block Diagram of 8051, PSW and Flag Bits, 8051 Register Banks and Stack, Internal Memory Organization of 8051, IO Port Usage in 8051, Types of Special Function Registers and their uses in 8051, Pins Of 8051, Memory Address Decoding, 8031/51 Interfacing With External ROM And RAM, 8051 Addressing Modes.

Module-2

Assembly programming and instruction of 8051: Introduction to 8051 assembly programming, Assembling and running an 8051 program, Data types and Assembler directives, Arithmetic, logic instructions and programs, Jump, loop and call instructions, IO port programming.

Module-3

8051 programming in C: Data types and time delay in 8051C, IO programming in 8051C, Logic operations in 8051 C, Data conversion program in 8051 C, Accessing code ROM space in 8051C, Data serialization using 8051C

8051 Timer programming in Assembly and C: Programming 8051 timers, counter programming, Programming timers 0 and 1 in 8051 C.

Module-4

8051 serial port programming in assembly and C: Basics of serial communication, 8051 connection to RS232, 8051 serial port programming in assembly, serial port programming in 8051 C.

8051 Interrupt programming in assembly and C: 8051 interrupts, Programming timer, external hardware, serial communication interrupt, Interrupt priority in 8051/52, Interrupt programming in C.

Module-5

Interfacing: LCD interfacing, Keyboard interfacing.

ADC, DAC and sensor interfacing: ADC 0808 interfacing to 8051, Serial ADC Max1112 ADC interfacing to 8051, DAC interfacing, Sensor interfacing and signal conditioning


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VISAYAWADA-520001

Name of the Program: Micro Controllers (CITD)**List of Students Enrolled / Completed: 12**

S.No	Name of the Student
1	KALABATHULA NIKITHA
2	SEELAM PREETHI
3	CHATTI PRIYANKA
4	YANDAPALLI SIRISHA
5	MONDI THOKA SIRISHA
6	VALLE KAVYA
7	MADDALA SUSMITHA
8	REDAPONGALA MADHUBABU
9	KANUMURI DINESH BABU
10	DASARI MAHENDRA
11	PAVULURI RITISH KUMAR
12	KOKKERAGADDA YASHWANTH

Assessment Procedures

- Exam conducted by CITD and Certificates were issued to Qualified Students.

Report Of Certification Course

An extensive certification course on 'Micro Controllers (CITD)' was conducted for 3rd year ECE students from **21-11-2018 to 20-12-2018**. The program aimed at imparting the basics of Micro Controller Technologies to the students and also some of the advanced concepts which are not there in the regular curriculum. The certified instructor **G.SANATH KUMAR** from the **CITD VIJAYAWADA** trained the students.


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VIJAYAWADA - 520 008

FACULTY NAME: T. Lakshmi Narayana
ACADEMIC YEAR: 2018-19

BRANCH: ECE
SUBJECT: Microcontrollers

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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	KHPIAC002	KALABATHULA NIKITHA	1	2	3	4	5	6	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	KHPIAC003	SEELAM PREETHI	1	2	3	4	5	6	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	KHPIAC004	CHATTI 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	
4	KHPIAC005	VANDAPALLI 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	
5	KHPIAC006	MONDI THAKA 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	
6	KHPIAC007	VALLE 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	
7	KHPIAC008	MADDALA 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	
8	KHPIAC009	REDAPONGALA MADHUBABU	1	2	3	4	5	6	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	KHPIAC010	KANUMURI DINESH BABU	1	2	3	4	5	6	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	KHPIAC011	DASARI MAHENDRA	1	2	3	4	5	6	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	KHPIAC012	PAVULURU RITISH 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	
12	KHPIAC013	KORRERAGADDA YASHUBANTH	1	2	3	4	5	6	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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VIJAYAWADA-520008.

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MONTH & DATE _____
SIGNATURE _____

S.NO.	REG. NO.	STUDENT N.
1	16HP1A0412	KALABATHULA M
2	16HP1A0413	SEELAM DRE
3	16HP1A0414	CHATTI PRIY
4	16HP1A0422	VANDAPALLI S
5	17HP5A0404	MONDI THOKA
6	17HP5A0406	VALLE KAVYA
7	17HP5A0407	MADDALA SUSAN
8	17HP5A0411	REDAPONGALA M
9	16HP1A0495	KANUMURI DTNE
10	16HP1A0499	DASARI MAHEE
11	16HP1A0499	PAVULURI RITIK
12	16HP1A0488	KOKKERAGADDA
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VIJAYAWADA-520008.

S.NO : 05016/18-19

CF/TRG/17



MSME-TOOL ROOM, HYDERABAD

CENTRAL INSTITUTE OF TOOL DESIGN

(A GOVT. OF INDIA SOCIETY, MINISTRY OF MSME)

BALANAGAR, HYDERABAD # 500 037 (T.S.) INDIA

(An ISO 9001: 2015, ISO 29990:2010, ISO 14001:2004 & ISO 50001:2011 Certified Institute)



CERTIFICATE

This is to certify that Mr. **PAVULURI RITISH KUMAR** S/o **PAVULURI SAMBA SIVA RAO** is awarded this certificate in recognition of his participation in the course on

MICRO CONTROLLER

From 21/11/2018 to 20/12/2018

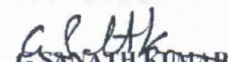
Part Time Course

Course conducted at Sub-Centre, Vijayawada



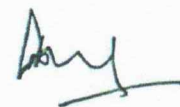
Student's Signature

Date:20/12/2018


G. SANATH KUMAR
Course Coordinator



Given under the seal of the Institute


D CHANDRA SEKHAR
Principal Director

068283

S.NO : 05018/18-19

CF/TRG/17



MSME-TOOL ROOM, HYDERABAD

CENTRAL INSTITUTE OF TOOL DESIGN

(A GOVT. OF INDIA SOCIETY, MINISTRY OF MSME)

BALANAGAR, HYDERABAD # 500 037 (T.S.) INDIA

(An ISO 9001: 2015, ISO 29990:2010, ISO 14001:2004 & ISO 50001:2011 Certified Institute)



CERTIFICATE

This is to certify that Mr. **KOKKERAGADDA YASHWANTH** S/o **KOKKERAGADDA RAMESH** is awarded this certificate in recognition of his participation in the course on

MICRO CONTROLLER

From 21/11/2018 to 20/12/2018

Part Time Course

Course conducted at Sub-Centre, Vijayawada



Student's Signature

Date:20/12/2018

G.SANATH KUMAR
Course Coordinator



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D CHANDRA SEKHAR
Principal Director

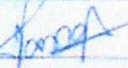
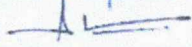
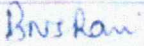
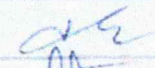
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VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS

MINUTES OF MEETING

12/2/2019

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

S.No	Name of the Faculty	Designation	Signature
1	Dr B V Sudheer Kumar	Professor	
2	B Sudheer Kumar	Assistant Professor	
3	Ch Ranga Rao	Assistant Professor	
4	M Sudhakar	Assistant Professor	
5	G G srinivasu	Assistant Professor	
6	M Srinivasa Reddy	Assistant Professor	
7	B N Sudha Rani	Assistant Professor	
8	M Geeta Rani	Assistant Professor	
9	K Teja Swarup	Assistant Professor	
10	E Durgesh	Assistant Professor	
11	K John Raja Ravi Kiran	Assistant Professor	
12	I V Srinivasa Rao	Assistant Professor	
13	T L Prasanna Kumar	Assistant Professor	
14	S P Krishna Mithra	Assistant Professor	
15	N Naga Varun	Assistant Professor	
16	B Rama Rao	Assistant Professor	
17	Sk Salman Beebi	Assistant Professor	
18	T Subba Reddy	Assistant Professor	
19	B Sree Chaitanya	Assistant Professor	


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HEAD
Dept. of Mechanical Engg.
Andhra Loyola Inst. of Engg. & Tech.
VIJAYAWADA.

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VIJAYAWADA-8
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATION DETAILS

Title of the Certification Program: WELDING LAB
Course Coordinator: K TEJA SWARUP
Academic Year: 2018-19

Duration: 60 hours
Course Code: ME181901
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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8. Assessment

Unit:4: WELDING JOINTS AND SYMBOLS

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


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4. Working Principle
5. Tools
6. Filler Metals
7. Weld Defects And Inspection
8. Parameters
9. Weld Inspection
10. Welder Qualification
11. Assessment

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


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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
- 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


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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

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


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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


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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 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


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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

- 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


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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



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- 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

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

Necessity Of Safety

1

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


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

Unit: 13: General Tools

- 1 Calliper
- 2 Divider
- 3 Straight Scribe
- 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


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- 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

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

Assessment


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Unit: 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 Tools

Unit: 23: Files And Hacksaws

- 1 Introduction
- 2 Types Of Files
- 3 Classification Of Files


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- 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
- 2 Need For Joining Metals
- 3 Industrial Use


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- 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


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- 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

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


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- 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

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


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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 (Downhand 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

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


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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

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


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- 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


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- 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

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


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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

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


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- 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

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


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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
- 7 Hand Hacksaw


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- 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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Name of the Program: WELDING**List of Students Enrolled / Completed: 46**

<u>SNO</u>	<u>Name of the Student</u>
1	Avinash Jojo
2	Barigela Manikanta
3	Chaitanya Sai Kumar Ayyan Komarapalem
4	Dheeraj Pidikiti
5	Ganesh Routhu
6	Girish Chandra Pothuraju
7	Gittith Prabhu Yaram
8	Gopala Krishna Gunja
9	Gummalla Dharmateja
10	Harish Pulapa
11	Ignatius Polanki
12	Ivvala Ganapathi
13	John Banayan Tangirala
14	Mahidhar Reddy Manda
15	Naga Durga Gopal Krishna Killada
16	Naveen Pilla
17	Nomula Sai Meghana
18	Pavan Vallabhaneni
19	Prakash Vaddeswaram
20	Putti Naga Babu
21	Raminedi James
22	Rohit Sai Shankar Buddukuri
23	Sai Mrudula Nomula
24	Sai Prasanna
25	Shaik Zakavulla
26	Sivakumar Dooda
27	Sri Harsha Putti
28	Srikanth Akula
29	Sripathi Malleswar
30	Sruthi Kiran Pasupuleti
31	Sujith Chowdary Katragadda


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32	Swathik Nuthakki
33	Tarun Venu Daram
34	Teja Arepalli
35	Teja Katuri
36	Tejesh Kumar Dommur
37	Thavitinaidu Gottapu
38	Umachandraraju Samana
39	Vamsi Satyavarapu
40	Veda Vyas
41	Veera Bhargav Murala
42	Venkata Siva Gopi Muvva
43	Venkata Surendra Chagam
44	Vinay Bethapudi
45	Vishnu Vardhan Tammu
46	Yusaf Shaik

Assessment Procedures

➤ Exam

Report Of Certification Course

An extensive certification course on '**WELDING**' was conducted for Final year MECH students from **25th Feb 2019 To 23rd Mar 2019**. 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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DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Name	25-02-2019	26-02-2019	27-02-2019	28-02-2019	01-03-2019	02-03-2019	04-03-2019	05-03-2019	06-03-2019
1	Avinash Joju	P	P	P	P	P	P	P	P	P
2	Sangeeta Marikerla	P	P	P	P	P	P	P	P	P
3	Chaitany - Sarikumar Ayym Koinurapalem	P	P	P	P	P	P	P	P	P
4	Chandraj Pidi	P	P	P	P	P	P	P	P	P
5	Ganesh Routhu	P	P	P	P	P	P	P	P	P
6	Elrick Chandra Pothuraju	P	P	P	P	P	P	P	P	P
7	Elitih Pradhu Yaram	P	P	P	P	P	P	P	P	P
8	Gopala Krishna Guntla	P	P	P	P	P	P	P	P	P
9	Gummala Chandraleela	P	P	P	P	P	P	P	P	P
10	Harish Potha	P	P	P	P	P	P	P	P	P
11	Ignatius Polank	P	P	P	P	P	P	P	P	P
12	Ivula Gansathi	P	P	P	P	P	P	P	P	P
13	John Banayan Tangirala	P	P	P	P	P	P	P	P	P
14	Mahidhar Reddy Manda	P	P	P	P	P	P	P	P	P
15	Naga Durga Gopal Krishna Kallada	P	P	P	P	P	P	P	P	P
16	Naveen Klu	P	P	P	P	P	P	P	P	P
17	Nomula Sa Meghana	P	P	P	P	P	P	P	P	P
18	Pavan Vallabhane	P	P	P	P	P	P	P	P	P
19	Prakash Vaddeswaram	P	P	P	P	P	P	P	P	P
20	Pudi Naga Babu	P	P	P	P	P	P	P	P	P
21	Rammed James	P	P	P	P	P	P	P	P	P
22	Rohit Sri Shweta Buddakuri	P	P	P	P	P	P	P	P	P
23	Sai Minerva Nimmala	P	P	P	P	P	P	P	P	P
24	Sai Pratanna	P	P	P	P	P	P	P	P	P
25	Shank Zarevula	P	P	P	P	P	P	P	P	P
26	Sivakumar Dooda	P	P	P	P	P	P	P	P	P
27	Si Harsha Pothu	P	P	P	P	P	P	P	P	P
28	Sri Kanthi Akula	P	P	P	P	P	P	P	P	P
29	Sripathi Muleswar	P	P	P	P	P	P	P	P	P
30	Sruja Kuni Pasqulet	P	P	P	P	P	P	P	P	P
31	Sudh Choudhary Satogunta	P	P	P	P	P	P	P	P	P
32	Sweethi Vithala	P	P	P	P	P	P	P	P	P
33	Tarun Venu Dasari	P	P	P	P	P	P	P	P	P
34	Teja Aradala	P	P	P	P	P	P	P	P	P
35	Teja Kuter	P	P	P	P	P	P	P	P	P
36	Tejesh Kumar Dommig	P	P	P	P	P	P	P	P	P
37	Therel Chaitanya Chittapu	P	P	P	P	P	P	P	P	P
38	Uma Chandra Samanta	P	P	P	P	P	P	P	P	P



39) Vamsi Satyawadhu	P	P	P	P	P	P	P	P	P
40) Veda Vyas	P	P	P	P	P	P	P	P	P
41) Veera Bhongav Marala	P	P	P	P	P	P	P	P	P
42) Venkata Siva Shopi Mureya	P	P	P	P	P	P	P	P	P
43) Venkata Surendra Chaganti	P	P	P	P	P	P	P	P	P
44) Vinay Reddanna	P	P	P	P	P	P	P	P	P
45) Vishnu Vardhan Tammi	P	P	P	P	P	P	P	P	P
46) Yusuf Sherif	P	P	P	P	P	P	P	P	P



SIEMENS
Ingenuity for life



Certificate of Completion

siemens.co.in

This is to certify that **AVINASH JOJO**.....

bearing number **APSSDC/Siemens/M/50886** has successfully

completed.....**Welding -Foundation**..... Course

Conducted at

Andhra Loyola Institute Of Engineering And Technology, Vijayawada

from **25-Feb-19** to **23-Mar-19**

Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures



Certificate of Completion

siemens.co.in

This is to certify that **CHAITANYA SAI KUMAR AYYAN KOMARPALEM**
bearing number **APSSDC/Siemens/M/50906** has successfully
completed..... **Welding -Foundation** Course

Conducted at

Andhra Loyola Institute Of Engineering And Technology, Vijayawada

from **25-Feb-19** to **23-Mar-19**

Siemens Industry Software Pvt. Ltd

APSSDC

DesignTech Systems Limited

This is an auto generated Certificate and does not require Signatures

Date: 8/6/18

MINUTES OF MEETING

SIGNATURE OF THE HEAD OF THE DEPARTMENT

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

Title of the certification course: Rivet Architecture Professional Academic Year: 2018-'19

Course Co-ordinator: G. Amar

Year/Sem: III/I, IV/I

SYLLABUS
REVIT ARCHITECTURE PROFESSIONAL SYLLABUS

COLLABORATION PROFESSIONAL

Copy and monitor elements in a linked file
Use worksharing
Import DWG and image files
Use Worksharing Visualization
Assess review warnings in Revit

DOCUMENTATION

Create and modify filled regions
Place detail components and repeating details
Tag elements (doors, windows, etc.) by category
Use dimension strings
Set the colors used in a color scheme legend
Work with phases
Work with phases

ELEMENTS AND FAMILIES

Change elements within a curtain wall (grids, panels, mullions)
Create compound walls
Create a stacked wall
Differentiate system and component families
Work with family Parameters
Create a new family type
Use Family creation procedures

MODELING

Create a building pad
Define floors for a mass
Create a stair with a landing
Create elements such as a floors, ceilings, or roofs
Generate a toposurface
Model railings


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Edit a model element's material (door, window, furniture)
Change a generic floor/ceiling/roof to a specific type
Attach walls to a roof or ceiling
Edit room-aware families

VIEWS

Define element properties in a schedule
Control visibility
Use levels
Create a duplicate view for a plan, section, elevation, drafting view, etc.
Create and manage legends
Manage view position on sheets
Organize and sort items in a schedule


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ANDHRA LOYOLA INSTITUTE OF
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VIJAYAWADA-520008.

Department: CIVIL

Academic Year: 2018-2019

Name of the Program: REVIT ARCHITECTURE PROFESSIONAL
APSSDC

List of Students Enrolled / Completed: 31

<u>SNO</u>	<u>Name of the Student</u>
1	ALLA HARANADH
2	PUSHPANJALI YALISALA
3	PRATTI HARINI
4	MULE VEMAREDDY
5	GAYATHRI KODALI
6	MAJETI V.N.S.K.ANNAPURNA SADHIKA
7	VARIKUNTALA SRAVANTHI
8	KEERTHI NIMMAKURI
9	MARIDU BHARGAVI
10	AVINASH DHARANIKOTA
11	BHANU SWETHA THIRIVEEDHI
12	PREETHI PAMULAPATI
13	BETHU GOWTHAM JOSHI RATNA KUMAR
14	DEVARAKONDA SAGAR
15	SARIHADDU SAI KUMAR
16	BAVISETTI PURNA SAI
17	PATHAKOTTU NAGARJUNA REDDY
18	TELLA PAVAN KUMAR
19	NUNSAVATHU SRINU NAIK
20	AVULA ARAVIND
21	KOLANUKONDA NAVEEN
22	KANCHARLA VINCENT
23	SURYA RAJ
24	BEERAKA DINESH KUMAR
25	RATHOD NAVEEN
26	MOHAMMAD INTHIYAZ
27	TARAKA VAMSI KRISHNA YANAMADALA
28	JOJI BABU JANGALA
29	SHAIK AZEEM ALI
30	JANDHYALA AVINASH
31	PALLI SURESH


PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008

Assessment Procedures

- Online Exam through Certiport

Report of Certification Course

An extensive certification course on “**REVIT ARCHITECTURE PROFESSIONAL APSSDC**” was conducted for 3rd & 4th year CIVIL students from **18-016-2018 To 10-09-2018**. The program aimed at imparting the basics of modeling in 3D through Revit Architecture to the students to visualize the components of the building. The certified instructor from the **APSSDC** trained the students.


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VIJAYAWADA-520008.

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: G. AMAR

BRANCH: CIVIL ENGG

ACADEMIC YEAR: 2018-19

SUBJECT: REVIT ARCH
professional (APESDC)

HOUR TAKEN															
MONTH & DATE		6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18	6/18
SIGNATURE		12	12	12	12	12	12	12	12	12	12	12	12	12	12
S.NO.	REG. NO.	STUDENT NAME													
1	16HP5A0107	ALLA HARANADH	1	2	3	4	5	6	7	8	9	10	11	12	13
2	15HP1A0112	PUSHPANTAI YALISAI	1	2	3	4	5	6	7	8	9	10	11	12	13
3	104	PRATTI HARINI	1	2	3	4	5	6	7	8	9	10	11	12	13
4	151	MULE VEMA REDDY	1	2	3	4	5	6	7	8	9	10	11	12	13
5	116	M.V.N.S.K SADHIKA	1	2	3	4	5	6	7	8	9	10	11	12	13
6	16HP5A0102	VARIKUNTIA SRAVANTHI	1	2	3	4	5	6	7	8	9	10	11	12	13
7	103	GAYATRI KODALI	1	2	3	4	5	6	7	8	9	10	11	12	13
8	15HP1A0107	KEERTHI NIMMAKURU	1	2	3	4	5	6	7	8	9	10	11	12	13
9	16HP1A0103	MARTIN BHARGAVI	1	2	3	4	5	6	7	8	9	10	11	12	13
10	17HP5A0103	AVINASH DHARANIKOTA	1	2	3	4	5	6	7	8	9	10	11	12	13
11	16HP1A0102	BHANU SWEETHA THIRIVEEDI	1	2	3	4	5	6	7	8	9	10	11	12	13
12	111	PREETHI PAMULAPATI	1	2	3	4	5	6	7	8	9	10	11	12	13
13	122	B.G.J. RATNA KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13
14	138	DEVARAKONDA SAGAR	1	2	3	4	5	6	7	8	9	10	11	12	13
15	140	SARTHAIDU SAT KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13
16	133	BAVISETTI PURNA SAT	1	2	3	4	5	6	7	8	9	10	11	12	13
17	127	PATHAKOTTU NAGARJUNA	1	2	3	4	5	6	7	8	9	10	11	12	13
18	132	TELLA PAVAN KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13
19	146	MUNSAVATHU SRINU	1	2	3	4	5	6	7	8	9	10	11	12	13
20	117	AVULA ARAVIND	1	2	3	4	5	6	7	8	9	10	11	12	13
21	15HP1A0130	KOLANJUKONDA NAVEEN	1	2	3	4	5	6	7	8	9	10	11	12	13
22	158	KANCHARLA VINCENT	1	2	3	4	5	6	7	8	9	10	11	12	13
23	146	SURYA RAJ	1	2	3	4	5	6	7	8	9	10	11	12	13
24	16HP1A0120	BEEERAKA DINESH KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13
25	130	RATHOD NAVEEN	1	2	3	4	5	6	7	8	9	10	11	12	13
26	17HP5A0106	MOHAMMAD INTIZAZ	1	2	3	4	5	6	7	8	9	10	11	12	13
27	16HP1A0149	T.V. KRISHNA YANAMADRA	1	2	3	4	5	6	7	8	9	10	11	12	13
28	15HP1A0126	JOTI BABU JANGALA	1	2	3	4	5	6	7	8	9	10	11	12	13
29	121	SHAIK AZEEM ALI	1	2	3	4	5	6	7	8	9	10	11	12	13
30	130	JANDHYALA AVINASH	1	2	3	4	5	6	7	8	9	10	11	12	13
31	16HP5A0110	PALLI SURESH	1	2	3	4	5	6	7	8	9	10	11	12	13
32															
33															
34															
35															
36															
37															
38															

HOD SIGNATURE

GAT

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

HOD SIGNATURE

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

AUTODESK CERTIFICATION



In recognition of a commitment to professional excellence

ALLA HARANADH

has successfully completed the Autodesk Certified requirements of:

Autodesk Certified Professional: Revit® Architecture



A handwritten signature in black ink, likely belonging to Andrew Anagnost.

ANDREW ANAGNOST
PRESIDENT, CHIEF EXECUTIVE OFFICER

August 16, 2018

DATE

AUTODESK CERTIFICATION



In recognition of a commitment to professional excellence

PUSHPANJALI YALISALA

has successfully completed the Autodesk Certified requirements of:

Autodesk Certified Professional: Revit® Architecture



A handwritten signature in black ink, likely belonging to Andrew Anagnost.

ANDREW ANAGNOST
PRESIDENT, CHIEF EXECUTIVE OFFICER

August 17, 2018

DATE

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

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certificate course named as Google Progressive web Apps and student active participation. Resolved to conduct the following course Google Progressive web Apps plan:-

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	S. Kishore Babu	Asst. Prof	
2	V. Shanmuka Rao	Assoc. Prof	
3	V. Vidya Sagar	Asst. Prof	
4	G. Durvasi	Asst. Prof	
5	L. Purnachandrasini	Asst. Prof	
6	N. Mahalingam	Asst. Prof	
7	K. Neelavari	Asst. Prof	
8	G. Manoj	Asst. Prof	
9	B. Lavanya	Asst. Prof	

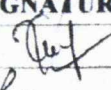
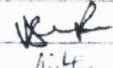
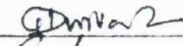
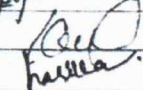
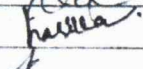

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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.


Signature of HOD

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

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certificate course named as Google Programming web Apps and student active participation. Resolved to conduct the following course Google Programming web Apps Phase-II

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	S. Kishore Babu	Assoc. prof	
2	V. Shanmuka Rao	Assoc. Prof	
3	V. Vidya Sagar	Asst. prof	
4	G. Durvasa	Asst. Prof	
5	L. Ponnadarsini	Asst. Prof	
6	N. Hariharu	Asst. prof	
7	K. Neelavarka	Assoc. Prof	
8	T. Harika	Asst. prof	
9	T. Saiyom	Assistant Professor	


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VIJAYAWADA-520008.


Signature of HOD

Syllabus

PROGRESSIVE WEB APPLICATION PHASE -I

1: Progressive Web Apps

In this lesson you'll learn exactly what a Progressive Web App is and why you would want to make one. You'll then get started building out your very own app shell.

2: Service Workers

In this lesson you'll use Service Workers to enable your application to work offline. You'll then identify which assets you should cache and how to use these cached assets in your application.

PROGRESSIVE WEB APPLICATION PHASE -II

1: Web App Manifest

Finally, in this lesson, you'll make it so users can install your Progressive Web App to their device's home screen by properly configuration

2 :Built Application

-Real time application


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

Department: IT

Academic Year: 2018-2019

Name of the Program: GOOGLE PROGRESSIVE WEB APPS

List of Students Enrolled / Completed: 50

SNO	NAME OF THE STUDENT
1	CH.SRAVYA MADHURI
2	G.SRUJANA
3	O.SUMANJALI
4	V.SUSHMA SRI
5	V.SWATHI SRI
6	M.VENKATA SRAVANI
7	G.VYJAYANTHI
8	A.ZIANAB
9	R.AKHILESH
10	SK.KHADAR BABA
11	NISHANTH KUMAR
12	SK.RAFI JIHN SAIDA
13	S.SAI SANDEEP
14	S.SAI TEJA
15	S.SAI SRIDHAR
16	S.SRI SURYA
17	B.VEERANJANEYULU
18	K.MOHANA KUMARI
19	B.MONICA
20	D.MONIKA DEVI
21	T.KAVYA SRI
22	M.NAGA ANUSHA
23	V.PHANI SONIKA
24	P.PRIYANKA
25	P.PRIYANKA
26	S.PRIYUSHA
27	K.RADHIKA
28	P.SAI SINDHURA
29	SAI VARNA
30	K.NAVYA SRI
31	SIVA RANJANI
32	SOWMYA
33	K.SRAVANI


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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

34	SK.ASHA
35	SK.ASMATHUNISSA
36	S.BALA PRAVALI
37	K.BHAVI
38	K.DIVYA
39	CH.DIVYA
40	M.D.R.NANDINI
41	P.GAYATHRI
42	M.HARIKA DEVI
43	HARSHITA S.TEWANI
44	G.HEMALATHA
45	T.HEPSIBA SUSAN
46	A.JAHNAVI
47	G.KEERTHI
48	A.KRISHNA MOUNIKA
49	V.KAVYA
50	P.LAKSHMI

Assessment Procedures

➤ VIVA

Report Of Certification Course

An extensive certification course on 'GOOGLE PROGRESSIVE WEB APPS' was conducted for 3rd year IT students phase -1 from 05-07-2018 To 07-07-2018 and phase -2 from 14-02-2019 to 16-02-2019. The program aimed at imparting the basics of Web Applications to the students and also some of the advanced concepts which are not there in the curriculum.


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME:

Harika

BRANCH: *IT*

ACADEMIC YEAR: *2018-19*

SUBJECT: *progressive web application*

HOUR TAKEN		1	2	3	4	5	6	7	1	2	3	4	5	6	7
MONTH & DATE		5	5	5	5	5	5	5	5	5	5	5	5	5	5
SIGNATURE		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
S.NO.	REG. NO.	STUDENT NAME													
1	16HP1A1201	Shaik Asha													
2	16HP1A1202	Shaik Asmathunnissa													
3	16HP1A1203	Singareddy Pravali													
4	16HP1A1204	Kagita Bhavi													
5	16HP1A1206	Kalyanam Divya													
6	16HP1A1207	Charumolu Divya													
7	16HP1A1208	M.D.R. Nandini													
8	16HP1A1209	Gayathri P													
9	16HP1A1210	M. Harika Devi													
10	16HP1A1211	Harshita S. Tewari													
11	16HP1A1212	G. Hemalatha													
12	16HP1A1213	T. Hebsiba Susan													
13	16HP1A1214	Adapa Jahnvi													
14	16HP1A1215	Gopisetti Keerthi													
15	16HP1A1216	A. Krishna Mounika													
16	16HP1A1217	Y.L.R. Kavya													
17	16HP1A1218	P. Lakshmi													
18	16HP1A1219	K. Mohana Kumari													
19	16HP1A1220	B. Monica													
20	16HP1A1221	D. Monika Devi													
21	16HP1A1222	T.N. V.S. Kavya Sri													
22	16HP1A1223	M. Naga Anusha													
23	16HP1A1224	V. Phani Sonika													
24	16HP1A1225	Petlu Priyanka													
25	16HP1A1226	Palanki Priyanka													
26	16HP1A1227	Sunkara Priyusha													
27	16HP1A1228	Koneru Radhika													
28	16HP1A1230	P. Sai Alekhya Sindhura													
29	16HP1A1231	G. Sai Varsha													
30	16HP1A1232	K. Satya Navya Sri													
31	16HP1A1233	P. Siva Ranjani													
32	16HP1A1234	Mantena Soumya													
33	16HP1A1235	Kasu Sravani													
34	16HP1A1236	Ch. Pravya Madhuri													
35	16HP1A1237	G. Sujana													
36	16HP1A1238	D. Sumanjali													
37	16HP1A1239	V. Susbarna Sri													
38	16HP1A1240	Sunthi Sri Vadlani													

HOD SIGNATURE

HOD SIGNATURE

PRINCIPAL

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

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

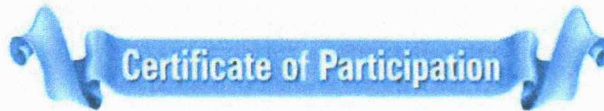


Andhra Pradesh State Skill Development Corporation (APSSDC)

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



Regd. No: 16HP1A1236



This is to certify that Mr./Ms./Mrs. Sravya Madhuri Chodiseti
of Andhra Loyola Institute of Engineering and Technology
participated in Google Progressive Web Apps

Phase - I Workshop from 05-07-2018 to 07-07-2018

Phase - II Workshop from 14-02-2019 to 16-02-2019

Kritika

Dr. Kritika Shukla
(MD & CEO- APSSDC)

Akash

Akash Sinha
(Technical Head - APSSDC)

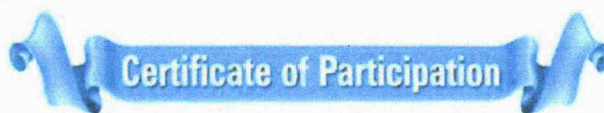


Andhra Pradesh State Skill Development Corporation (APSSDC)

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



Regd. No: 16HP1A1237



This is to certify that Mr./Ms./Mrs. Godavartisujana
of Andhra Loyola Institute of Engineering and Technology
participated in Google Progressive Web Apps

Phase - I Workshop from 05-07-2018 to 07-07-2018

Phase - II Workshop from 14-02-2019 to 16-02-2019

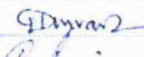
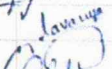
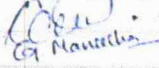
Dr. Kritika Shukla
(MD & CEO- APSSDC)

Akash Sinha
(Technical Head - APSSDC)

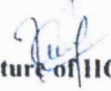
**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF INFORMATION TECHNOLOGY
CERTIFICATION DETAILS**

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certificate course named as Cyber Security and student active participation. Resolved to conduct the following course Cyber Security.

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	S Kishore Babu	Assoc. Prof.	
2	V. Shanmuka Rao	Assoc. Prof.	
3	V. Vidya Sagar	Asst. Prof.	
4	G. Duryani	Asst. Prof.	
5	L. Prasadaremini	Asst. Prof.	
6	N. Mainilini	Asst. Prof.	
7	B. Lavanya	Asst. Prof.	
8	K. Neelavika	Asst. Prof.	
9	G. Maneesha	Asst. Prof.	


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


Signature of HOD

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF IT
SCHEDULE FOR ADD ON COURSE
2018-2019
CYBER SECURITY

Class: IV B. Tech Sem: 1

Timings : 4:10 pm to 5:30 pm

Period: From 24-09-2018 to 29-09-2018

DATE	TOPIC
Day 1	Common Vulnerabilities: Need for cyber security, Threats
Day2	Security Attacks: Smurfing, Man-in-the-Middle Attacks, Denial of service, DdoS, Buffer Overflow, Zero Day Attacks, Password Attacks,
Day3	Fundamentals of Information Security : Critical Information Characteristics - Confidentiality, Integrity, Availability,
Day 4	Vulnerability Management: Threat and Vulnerability, Vulnerability Management Life cycle, Approaches, Nmap.
Day 5	Trobleshooting and Configuring of Networks: Identifying Unauthorized devices, IP tables, snort IDS
Day 6	ClamAv, Mail scanner


HOD


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ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

Name of the Program: CYBER SECURITY**List of Students Enrolled / Completed: 15**

<u>SNO</u>	<u>Name of the Student</u>
1	J.VENKATA PRASANNA
2	J.SWETHA
3	M.SOWJANYA
4	J.NIKHIL
5	CH.SAI VINAY
6	G.CHAKRADHAR
7	V.SAI TEJA
8	CH.SUBRAMANYAM
9	K.NEEHAR
10	SK.MASTAN VALI
11	A.HEMANTH KUMAR
12	U.MADHURI
13	R.SAI HANISHA
14	S.ALEKHYA
15	I.BHARGAVI

Assessment Procedures

➤ VIVA

Report Of Certification Course

An extensive certification course on 'CYBER SECURITY' was conducted for 4th year IT students from 24-09-2018 To 29-09-2018. The program aimed at imparting the basics of Cryptography and Network Security to the students and also some of the advanced concepts which are not there in the curriculum.


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

FACULTY NAME: G. Durvasi
ACADEMIC YEAR: 2018-19

BRANCH: IT
SUBJECT: Cyber Security

Command

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VIJAYAWADA-520008

ANDHRA LOYOLA INSTITUTE

FACULTY NAME: Gr. Durv.

ACADEMIC YEAR: 2018-19

HOUR TAKEN

MONTH & DATE

SIGNATURE

S.NO.	REG. NO.	STUDENT N
1	ISHPIA1201	Seemakurthy Ale
2	ISHPIA1204	T. Bhargavi
3	ISHPIA1215	G. Madhuri
4	ISHPIA1220	R. Sai Hanisha
5	ISHPIA1225	M. Saranjanya
6	ISHPIA1227	T. Swetha
7	ISHPIA1236	G. Chakradhar
8	ISHPIA1240	A. Hemanth kur
9	ISHPIA1242	S. Masthan Vali
10	ISHPIA1246	K. Neehan
11	ISHPIA1243	T. Nikhil
12	ISHPIA1251	V. Sai Teja
13	ISHPIA1252	C. Sai Vinay
14	ISHPIA1253	Ch. Subramanyam
15	ISHPIA1255	T. Venkata Pra
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**ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Recognized by Government of AP, Approved by AICTE, Affiliated to JNTUK Kakinada)

An ISO 9001:2008 Certified Institution, Vijayawada-520008.

Department of Information Technology

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. J. Venkata Prasanna has attended one

week course on '**Cyber Security**' conducted from

24-09-2018 to 29-09-2018

Dr. O. Mahesh
PRINCIPAL

G. Durvasi
TRAINER

S. Kishore Babu
HOD



ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Recognized by Government of AP, Approved by AICTE, Affiliated to JNTUK Kakinada)

An ISO 9001:2008 Certified Institution, Vijayawada-520008.

Department of Information Technology

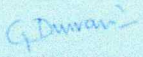
CERTIFICATE OF PARTICIPATION

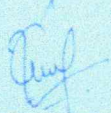
This is to certify that Mr/Ms. J. Swetha has attended one

week course on "**Cyber Security**" conducted from

24-09-2018 to 29-09-2018


Dr. O. Mahesh
PRINCIPAL

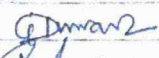
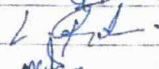
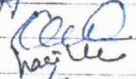
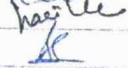

G. Durvasi
TRAINER


S. Kishore Babu
HOD

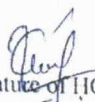
ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA-8
DEPARTMENT OF INFORMATION TECHNOLOGY
CERTIFICATION DETAILS

MINUTES OF MEETING

The meeting was conducted in the department of IT. The agenda of the meeting was to discuss about the Certificate course named as Polio alla Network and student active participation. Resolved to conduct the following course Firewall Install, Configure and Manage (201)

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	S. Kirish Babu	Assoc. prof	
2	V. Shanmuka Rao	Asst. Prof	
3	V. Vidya Sagar	Asst. Prof	
4	G. Durvasa	Asst. Prof	
5	L. Prasadarsini	Asst. Prof	
6	N. Harinadini	Asst. prof.	
7	K. Neelavarka	Asst. Prof	
8	T. Harika	Asst. prof	
9	T. Saiyam	Assistant Professor	


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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008


Signature of HOD

Syllabus

FIREWALL 9.0 ESSENTIALS: CONFIGURATION AND MANAGEMENT (EDU-210)

Overview

The Palo Alto Networks Firewall 9.0 Essentials Configuration and Management (EDU-210) course is five days of instructor-led training that will help you to:

- Configure and manage the essential features of Palo Alto Networks next-generation firewalls
- Configure and manage GlobalProtect to protect systems that are located outside of the data-center perimeter
- Configure and manage firewall high availability
- Monitor network traffic using the interactive web interface and firewall reports

- | | |
|---|--|
| • Module 1: Security Platform and Architecture | • Module 9: WildFire™ |
| • Module 2: Initial Configuration | • Module 10: User-ID™ |
| • Module 3: Interface Configuration | • Module 11: GlobalProtect™ |
| • Module 4: Security and NAT Policies | • Module 12: Site-to-Site VPNs |
| • Module 5: App-ID™ | • Module 13: Monitoring and Reporting |
| • Module 6: Content-ID™ | • Module 14: Active/Passive High Availability |
| • Module 7: URL Filtering | • Module 15: Security Practices |
| • Module 8: Decryption | |



Course Objectives

Successful completion of this five-day, instructor-led course should enhance the student's understanding of how to configure and manage Palo Alto Networks next-generation firewalls. The student should learn and get hands-on experience configuring, managing, and monitoring a firewall in a lab environment.

Scope

- **Course level:** Introductory
- **Course duration:** 5 days
- **Course format:** Combines lecture and hands-on labs
- **Platform support:** Palo Alto Networks next-generation enterprise firewalls running the PAN-OS operating system

Target Audience

Security Engineers, Security Administrators, Security Operations Specialists, Security Analysts, Network Engineers, and Support Staff

Prerequisites

Students must have a basic familiarity with networking concepts including routing, switching, and IP addressing. Students also should be familiar with basic security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

Palo Alto Networks Education

Training from Palo Alto Networks and a Palo Alto Networks Authorized Training Center delivers the knowledge and expertise to prepare you to protect our way of life in the digital age. Our trusted security certifications give you the next-generation security platform knowledge necessary to prevent successful cyberattacks and safely enable applications.

Palo Alto Networks
Firewall 9.0 Essentials
Configuration and
Management
PART NUMBER: EDU-210

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Santa Clara, CA 95054
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Sales +1 866 320 4788
Support +1 866 898 9087
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**PRINCIPAL
ANDHRA LOYOLA INSTITUTE OF
ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.**

Name of the Program: Palo Alto Networks**List of Students Enrolled / Completed: 14**

SNO	Name of the Student
1	J.VENKATA PRASANNA
2	B.VENU
3	CH.SUBRAMANYAM
4	CH.SAI VINAY
5	V.SAI TEJA
6	J.NIKHIL
7	K.NEEHAR
8	SK.MASTAN VALI
9	J.SWETHA
10	A.HEMANTH KUMAR
11	U.MADHURI
12	I.BHARGAVI
13	P.ASHOK RAMAIAH
14	S.ALEKHYA

Assessment Procedures

➤ VIVA

Report Of Certification Course

An extensive certification course on '**Palo alto Networks**' was conducted for 4th year IT students from **11-02-2019 To 23-02-2019**. The program aimed at imparting the basics of Firewall Installation and Configuration to the students and also some of the advanced concepts which are not there in the curriculum.


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VIJAYAWADA-520008

ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: S. Kishore Babu
ACADEMIC YEAR: 2018-19

BRANCH: IT
SUBJECT: palto Alto Netanay

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MONTH & DATE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SIGNATURE			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	ISHPIA1201	Seemakurthy Alekhyia															
2	ISHPIA1204	Tsagala Bhargavi															
3	ISHPIA1215	Uppalapati Madhusi															
4	ISHPIA1223	Takkula Swetha															
5	ISHPIA1234	Puppalla Ashok Ramoiah															
6	ISHPIA1240	Aarja Hemanth Kumar															
7	ISHPIA1243	Shaik Masthan Vali															
8	ISHPIA1246	Kakulla Neehal															
9	ISHPIA1247	Jennalagadda Nikhil															
10	ISHPIA1251	Valluvu Sai Teja															
11	ISHPIA1252	Chintala Sai Vinay															
12	ISHPIA1253	Asante Subramanyam Srinath															
13	ISHPIA1255	Jada Venkata Basanna															
14	ISHPIA1257	Ballepalli Venu															
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ENGINEERING & TECHNOLOGY
VIJAYAWADA-520008.

ANDHRA LOYOLA INSTITUTE

FACULTY NAME: S. Kishu

ACADEMIC YEAR: 2018-19

HOUR TAKEN

MONTH & DATE

SIGNATURE

S.NO.	REG. NO.	STUDENT
1	ISHPIA1201	Seemakurthy
2	ISHPIA1204	Trigala Bha
3	ISHPIA1215	Uppalapati M
4	ISHPIA1223	Takkula Swe
5	ISHPIA1234	Puppalla Ash
6	ISHPIA1240	Ajia Hemant
7	ISHPIA1243	Shaik Masti
8	ISHPIA1246	Kakula Nee
9	ISHPIA1247	Tonnalagado
10	ISHPIA1251	Valluru Sai
11	ISHPIA1252	Chintala Sai
12	ISHPIA1253	Agarwal Subra
13	ISHPIA1255	Jada Venkata
14	ISHPIA1257	Bollepalli Ve
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(Recognized by Government of AP, Approved by AICTE, Affiliated to JNTUK Kakinada)

An ISO 9001:2008 Certified Institution, Vijayawada-520008

DEPARTMENT OF INFORMATION TECHNOLOGY

Certificate of completion for PALO ALTO NETWORKS

is here by granted to

J.Venkata Prasanna

for successful completion of

Firewall: Install, Configure and Manage (201)

PRINCIPAL

HEAD OF DEPARTMENT



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HEAD OF DEPARTMENT

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

Dt:22-12-2018

MINUTES OF MEETING

The meeting was conducted in the department of EEE. The agenda of the meeting was to discuss about the Certificate course named as : BASICS OF SCADA student active participation. Resolved to conduct the following courses: BASICS OF SCADA

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	y.c.Ashok kumar	Assoc .Prof	y.c. Ashok kumar
2	Dr.G.Naveen Kumar	Assoc .Prof	
3	L.Karunakar	Asst.Prof	
4	T.Krishna Mohan	Asst.Prof	
5	K Rajesh Babu	Asst.Prof	
6	M M Karunakar	Asst.Prof	
7	M Rama Krishna	Asst.Prof	

y.c. Ashok kumar
Signature of HOD

Head of the Department
Dept. of E.E.E
Andhra Loyola Inst of Engg & Tech
Vijayawada-08


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VIJAYAWADA-520008.

FACULTY NAME:M.M.KARUNAKAR
NAME OF THE CERTIFICATION:BASICS OF SCADA

ACADEMIC YEAR:2018-19
YEAR / SEM :III/1

SYLLABUS

UNIT:1

Introduction about SCADA. Fundamental Principles of Modern SCADA Systems
Advantages and Disadvantages SCADA Hardware and Software Remote Terminal Unit
(RTU)

UNIT:2

RTU Configuration RTU Hardware Modules Testing and Environmental Consideration
The Master Station Features and Functions Typical Structure of Master Station
Master Station Software Local Area Network & Modems OSI Layer Central Site
Computer Facilities Emerging New Technologies in SCADA System Rockwell
Automation Allen Bradley SCADA Factory

UNIT:3

Talk View Introduction Project Creation in Factory Talk Display Tags Library Run Time
Security Working with Properties Animation Alarm Setup Trend Language Switching


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APSSDC

Name of the Program: BASICS OF SCADA			
List of Students Enrolled / Completed: 10			
<u>S.NO</u>	<u>ROLL NO</u>	<u>NAME</u>	<u>COURSE</u>
1	16HP1A 0227	M SRIVALLI DEVASENA.	BASICS OF SCADA
2	16HP 1A0250	D VAMSEE	BASICS OF SCADA
3	17HP5A0201	D DIVYA.	BASICS OF SCADA
4	17HP5A0203	K NAVYA	BASICS OF SCADA
5	17HP5A0206	M FARROKH ALI	BASICS OF SCADA
6	17HP5A0207	B JAGADESWARARAO	BASICS OF SCADA
7	17HP5A0212	R SAI SHANKAR RA	BASICS OF SCADA
8	17HP5A0213	B S.MAHESHBABU	BASICS OF SCADA
9	16HP1A0215	G MOUNIKA	BASICS OF SCADA
10	17HP1A0212	K PRATHIMA	BASICS OF SCADA

<u>Assessment Procedures</u>	
➤	viva

<u>Report Of Certification Course</u>
An extensive certification course on 'BASICS OF SCADA ' was conducted for 3RD year EEE students from 31-12-2018 To 5-01-2019. The program aimed at imparting the BASICS OF SCADA Fundamentals to the students and also some of the advanced concepts which are not there in the curriculum. The certified instructor from the SIEMENS trained the students.


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ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY
VIJAYAWADA - 520 008

FACULTY NAME: Kazumathy

BRANCH: EE

ACADEMIC YEAR: 2018-19

SUBJECT: Basic of SMDA

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SIGNATURE			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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1	16HPIA0227	M. SRINATH DEVA SENA	1	2	3	4	5	6	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	16HPIA0230	D. VAMS	1	2	3	4	5	6	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	17HPIA0201	D. 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
4	17HPIA0203	K. NAVYA	1	2	3	4	5	6	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	17HPIA0206	M. FAROKH ABI	1	2	3	4	5	6	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	17HPIA0207	B. JAGADESWARA 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
7	17HPIA0212	R. SAI SHANIKAR 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
8	17HPIA0213	B. S. MAHESH BABU	1	2	3	4	5	6	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	16HPIA0215	G. MOONIKA	1	2	3	4	5	6	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	17HPIA0218	KAKOLU 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
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bearing number.....**DSL/APSSDC/25484**.....has successfully
completed.....**BASICS OF SCADA**.....Course

Conducted at

V R Siddhartha Engineering College, Vijayawada

from **31-Dec-18** to **05-Jan-19**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd.

Authorized Signatory:

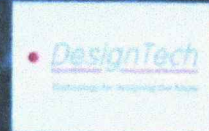
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bearing number.....**DSL/APSSDC/25487**..... has successfully

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Authorized Signatory:

DesignTech Systems Limited

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

Dt:18-8-2018

MINUTES OF MEETING

The meeting was conducted in the department of EEE. The agenda of the meeting was to discuss about the Certificate course named as : BASICS OF PLC student active participation. Resolved to conduct the following courses: BASICS OF PLC

SNO	NAME OF THE FACULTY	DESIGNATION	SIGNATURE
1	y.c.Ashok kumar	Assoc .Prof	y.c.Ashok kumar
2	Dr.G.Naveen Kumar	Assoc .Prof	Dr.G.Naveen Kumar
3	L.Karunakar	Asst.Prof	L.Karunakar
4	T.Krishna Mohan	Asst.Prof	T.Krishna Mohan
5	K Rajesh Babu	Asst.Prof	K Rajesh Babu
6	M M Karunakar	Asst.Prof	M M Karunakar
7	M Rama Krishna	Asst.Prof	M Rama Krishna

y.c.Ashok kumar
Signature of HOD

Dept. of E.E.E
Andhra Loyola Inst of Engg & Tech
Vijayawada-08


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VIJAYAWADA-520008.

FACULTY NAME:M.M.KARUNAKAR
NAME OF THE CERTIFICATION:BASICS OF PLC

ACADEMIC YEAR:2018-19
YEAR / SEM :III/1

SYLLABUS

PLC training course syllabus and curriculum is systematically designed in sync with industry needs. This will make you a complete hands-on embedded systems engineer. Starting with fundamentals like Embedded C and Data structures, advanced topics like Embedded Linux takes deeper dive into the embedded world.

Unit:1

- DELTA PLC
- SIEMENS PLC
- SCHNIEDER ELECTRIC PLC

Unit:2

- MITSUBISHI PLC
- OMRON PLC
- ALLEN BRADLEY PLC

Unit:3

- HONEYWELL PLC
- KEYENCE PLC
- ABB PLC

Unit:4

- MESSUNG -NEXGEN PLC
- Basic Principles of PLC Ladder Diagram

Unit:5

- Functions of Devices in DVP-PLC
- Basic Instructions and Step Ladder Instructions

Unit:6

- Categories & Use of Application Instructions
- Analog IO Configuration


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DEPARTMENT:EEE

Academic Year: 2018-2019

Name of the Program: BASICS OF PLC

List of Students Enrolled / Completed: 19

<u>S.NO</u>	<u>ROLL NO</u>	<u>NAME</u>	<u>COURSE</u>
1	16HP1A0234	B CHANDRASEKHAR	BASICS OF PLC
2	16HP1A0241	K NEHEMYA	BASICS OF PLC
3	16HP1A0215	G MOUNIKA	BASICS OF PLC
4	16HP1A0217	B DURGA DAKHAYANI	BASICS OF PLC
5	17HP1A0235	CH.PAUL BHAKT SINGH	BASICS OF PLC
6	17HP1A0226	G.BASIL NIRMAL KUMAR	BASICS OF PLC
7	17HP1A0231	SWARNA KRISHNA VAMSI	BASICS OF PLC
8	17HP1A0214	KASARABADA PRIYANKA	BASICS OF PLC
9	17HP1A0215	R.P.N.S PRASANNA	BASICS OF PLC
10	17HP5A0214	N SITARAM	BASICS OF PLC
11	17HP5A0213	B S.MAHESHBABU	BASICS OF PLC
12	17HP5A0212	R SAI SHANKAR	BASICS OF PLC
13	17HP5A0211	K N VENKATA RAVITEJA	BASICS OF PLC
14	17HP5A0210	B MURALI KRISHNA	BASICS OF PLC
15	17HP5A0208	H MADHAN	BASICS OF PLC
16	17HP5A0207	B JAGADESWARARAO	BASICS OF PLC
17	17HP5A0206	M FARROKH ALI	BASICS OF PLC
18	17HP5A0205	P BHASKARA RAO	BASICS OF PLC
19	17HP5A0203	K NAVYA	BASICS OF PLC


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Assessment Procedures

➤ viva

Report Of Certification Course

An extensive certification course on 'BASICS OF PLC ' was conducted for 3RD year EEE students from **27-8-2018 To 1-09-2018**. The program aimed at imparting the BASICS of PLC Fundamentals to the students and also some of the advanced concepts which are not there in the curriculum. The certified instructor from the **SIEMENS** trained the students.


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VIJAYAWADA - 520 008

FACULTY NAME: Parvathi
ACADEMIC YEAR: 2017-18

BRANCH: EEE
SUBJECT: Basics of EC

		HOUR TAKEN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		MONTH & DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		SIGNATURE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S.NO.	REG. NO.	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	18H12001	R. CHIDRA SHEKHAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	18H12002	R. MEHEMVA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	18H12003	G. MOONIKA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4	18H12004	R. DURGA DAKSHAYANI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
5	18H12005	CH. PAUL BHAKT SINGH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	18H12006	G. BASIL NIRMAL KUMAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	18H12007	SHARNA KRISHNA VAMSI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	18H12008	KASARABADA PRIYANKA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
9	18H12009	R.P.N.S. PRASANNA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
10	18H12010	N. SITARAM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
11	18H12011	B.S. MAHESH BABU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	18H12012	R. SAI SHANKAR RAO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13	18H12013	K.N. VENKATA SWITHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
14	18H12014	R. MURALI KRISHNA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
15	18H12015	H. MADHAN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	18H12016	R. JAGADESHWARA RAO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
17	18H12017	M. FAROOKH ALI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
18	18H12018	P. BHASKARA RAO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
19	18H12019	K. NAVYA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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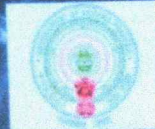
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Certificate of Completion

siemens.co.in

This is to certify that **K.NEHEMYA**
bearing number..... **DSL/APSSDC/20272** has successfully
completed..... **Basics of PLC** Course

Conducted at

Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada

from **27-Aug-18** to **01-Sep-18**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

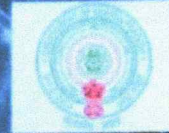
Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited

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Certificate of Completion

siemens.co.in

This is to certify that **B.CHANDRA SEKHAR**

bearing number.....**DSL/APSSDC/20271**.....has successfully

completed.....**Basics of PLC**.....Course

Conducted at

Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada

from **27-Aug-18** to **01-Sep-18**

Authorized Signatory:

Siemens Industry Software Pvt. Ltd

Authorized Signatory:

APSSDC

Authorized Signatory:

DesignTech Systems Limited