



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

(An ISO 9001:2008 Certified & AICTE Approved Institution, Affiliated to JNTUK-Kakinada)

Devaraju Gattu. Peddaraveedu (Md), MARKAPUR-523320, Prakasam Dist, A.P.

Phone No: 08596-200330, 331,332

E-Mail: principal@kits-anna.com

Web: www.kits-anna.com



1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

ACADEMIC YEAR
2018-19

LIST OF ADD-ON
PROGRAMS

S.No.	Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering /study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Artificial Intelligence	05-CSE	III YEAR	JULY-23 TO 27,2018	30 hours	112	112
2	Industrial Automation Using PLC	04-ECE	IV YEAR	AUG-27 TO SEP-1,2018	30 hours	64	64
3	Programming on ANSYS	05-CSE	IV YEAR	SEP-10 TO 14,2018	30 hours	96	96
4	AutoCAD	03-ME	IV YEAR	DEC-3 TO 5,2018	30 hours	30	30
5	GIS	05-CSE	III YEAR	DEC-16 TO 20,2018	30 hours	112	112
6	Oracle DB Programming	05-CSE	IV YEAR	FEB-11 TO 15,2019	30 hours	106	106
TOTAL						490	490

ACADEMIC YEAR: 2018-19

Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	Period (from date - to date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
AUTOCAD	03-ME	III YEAR	DEC-03 TO 05,2018	30 hours	30	30
CNC	05-CSE	III YEAR	SEP-1 TO 6,2018	30 hours	30	30
ADVANCE SURVYING USING TOTAL STATION	02-CE	II YEAR	DEC-26 TO 31 ,2018	30 hours	50	50
INDUSTRIAL AUTOMATION USING PLC	02-EEE,04-ECE	II,III,IV YEAR	AUG-27 TO NOV-1,2018	30 hours	270	270
NI LAB VIEW	04-ECE	IV YEAR	NOV-28 TO 30,2018	30 hours	90	90

490

490


 PRINCIPAL
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 Peddaraveedu Mdl, Prakasam Dt. A.P.



KRISHNA CHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES

Devarajugattu (Post) , Peddaraveedu (Mandal), Prakasam Dist. - 523 320.
(Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada)
NAAC ACCREDITED INSTITUTION

DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE

DATE:01-12-2018

CIRCULAR

This is to inform the B.Tech Mechanical Engineering students that the classes for the Value Added Course for the Academic Year 2018-2019 for the Regulation R16.Hence Requested all the Interested Students to register the following Value Added Course.

S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	MECH	III	AUTOCAD


Training In-Charge


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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF MECHANICAL ENGINEERING

Conducts Technical Training On

AUTOCAD

From 03rd Dec 2018 To 05th Dec 2018

From 09:30 AM To 04:30 PM

Resouce Persons:

1) S.Venu Gopal Reddy

Partcipants:

III Mech Students

Training In-Charge

HOD



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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF MECHANICAL ENGINEERING

Course Contents:

DAY	FORENOON SESSION	AFTERNOON SESSION
1	Introduction To AUTOCAD 2D,3D	Project Management
2	Plotting,Printing,Drawing Sheets Creation	Dimensioning & Annotating Drawings
3	Parcels	Survey, Practical Session



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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VALUE ADDED COURSE

DATE:24-08-2018

CIRCULAR

This is to inform the B.Tech EEE,ECE students that the classes for the Value Added Course for the Academic Year 2018-2019 for the Regulation R13 & R16.Hence Requested all the Interested Students to register the following Value Added Course.

S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	EEE,ECE	II,III & IV	Industrial Automation With PLC

B. Suresh
Training In-Charge

Wf
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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Conducts Technical Training On
Industrial Automation
With PLC

From 27th Aug 2018 To 01st Nov 2018

From 09:30 AM To 04:30 PM

Resource Persons:

- 1) Y.Madhu Vamsy
- 2) R Yoga Priyanka

Participants:

II,III,and IV EEE,ECE Students

S. Suresh
Training In-Charge

S. Suresh
HOD



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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course Contents:

DAYS	PHASE - 1 COURSE CONTENT
Day 1	Introduction to PLC, Introduction to PLC Programming types / Introduction about Ladder logic diagram, NO & NC switch based concept, Latching and memory concepts.
Day 2	Application problems based on NO & NC. Application problems based on Memory coils. Push button concepts. Introduction to Timers and Timer based Problems.
Day 3	Application problems based on Timers, NO & NC combination. Sensor based problems. Introduction to Counters, Counter based problems, Set & Reset, Positive & Negative Pulses.

DAYS	PHASE - 2 COURSE CONTENT
Day 1	Introduction to Delta CPU's Description of output types- Relay output, Transistor output, Basic programming part and description of wiring types (source-sink, sink-source, source-source, sink-sink), All problems based on toggle switch what we covered in phase-1. Introduction to Set, Reset, Falling edge, Rising edge, Inc, Dec instructions
Day 2	Introduction to push buttons and memory coil concepts and programming on some problems what we covered in phase-1, Timers concept and problems based on timers, Introduction to 8-channel relay modules and contactors. Problems based on relay, contactors. Introduction to Proximity sensors both capacitive and inductive.
Day 3	Projects : Stair-case, Traffic light, Car parking, Star-Delta starter, Series- Parallel operation, Sequential problems



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VALUE ADDED COURSE

DATE:26-11-2018

CIRCULAR

This is to inform the B.Tech Electronics and Communication Engineering students that the classes for the Value Added Course for the Academic Year 2018-2019 for the Regulation R13.Hence Requested all the Interested Students to register the following Value Added Course.

S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	ECE	IV	NI LABVIEW


Training In-Charge


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**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

Conducts Training On

NI LAB VIEW

From 28th Nov 2018 To 30nd Nov 2018

From 09:30 AM To 04:30 PM

Resouce Persons:

1) Geya Poojitha

Partcipants:

IV ECE Students

Training In-Charge

HOD



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Course Contents:

NI LABVIEW WORKSHOP (November 28-30th, 2018)

Day-1:

Morning session

Content

- LabVIEW Introduction
- Getting started with LabVIEW
- Basics of LabVIEW software
- How to create VI?
- How to create sub VI?

Exercises

1. Creating a VI using Numeric Functions
2. Finding area of the triangle
3. Creating half adder.
4. Creating Full Adder using sub VI

Afternoon session

Contents

- Debugging Techniques
- Loops
- Structures
- Variables

Exercises

- Finding even or odd no.
- Fibonacci series.
- Finding Factorial.
- Local variable parallel loop control.
- Global variable VI control.

Day-2:

Morning Session

Contents

- Arrays
- Clusters
- Strings
- Wave form Graphs and Charts

Exercises

- Array functions
- Creating of array using for loop
- Cluster functions
- String operations
- Simulation of graphs, Using random numbers

Afternoon session

Contents

- File I/O's
- Formula node
- Expression node
- Property node
- Invoke node
- Architectures

Exercises

- Expressions execution using formula node and expression node
- Writing and reading binary, text, measurement files
- Weighing machine using State machine

Day-3:

Contents

MULTISIM

- Introduction.
- Multisim User Interface.

- Design a circuit
- Transient Analysis



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1.2.3 Number of Add-on/Certificates Programs Offered during the last five years

FEEDBACK FROM STUDENTS

Name of the Department: Mechanical

Date: 05/12/2018

Academic Year: 2018-2019

Class: III

Name of Add-on Program: Auto-Cad

S.No	Parameters	1	2	3	4	5
1	I Learned something that I previously did not know				✓	✓
2	The information was presented in an easy to understand				✓	✓
3	This add-on Programme very useful to me				✓	✓
4	The variety of material Presented allowed for an interesting presentation of information				✓	✓
5	I could get some knowledge about this topic				✓	✓
6	I learned more from the practice session				✓	✓

Rating Scale: Excellent - 5 Very Good - 4 Good - 3 Fair - 2 Poor - 1

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1.2.3 Number of Add-on/Certificates Programs Offered during the last five years

FEEDBACK FROM STUDENTS

Name of the Department: Mechanical

Date: 21-11-2019

Academic Year: 2018-2019

Class: IV mech

Name of Add-on Program: CNC Part Programming

S.No	Parameters	1	2	3	4	5
1	I Learned something that I previously did not know			✓		
2	The information was presented in an easy to understand			✓		
3	This add-on Programme very useful to me				✓	
4	The variety of material Presented allowed for an interesting presentation of information				✓	
5	I could get some knowledge about this topic				✓	
6	I learned more from the practice session				✓	
Rating Scale: Excellent - 5 Very Good - 4 Good - 3 Fair - 2 Poor -1						


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1.2.3 Number of Add-on/Certificates Programs Offered during the last five years

FEEDBACK FROM STUDENTS

Name of the Department: CIVIL

Date: 31/12/2019

Academic Year: 2018-2019

Class: II CIVIL

Name of Add-on Program: Advanced Surveying Using Total Station

S.No	Parameters	1	2	3	4	5
1	I Learned something that I previously did not know				✓	
2	The information was presented in an easy to understand				✓	
3	This add-on Programme very useful to me				✓	
4	The variety of material Presented allowed for an interesting presentation of information			✓		
5	I could get some knowledge about this topic			✓		
6	I learned more from the practice session					✓
Rating Scale: Excellent - 5 Very Good - 4 Good - 3 Fair - 2 Poor -1						


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1.2.3 Number of Add-on/Certificates Programs Offered during the last five years

FEEDBACK FROM STUDENTS

Name of the Department: **EEE**


Date: **01/11/2018**

Academic Year: **2018-2019**

Class: **III EEE4V ECE**

Name of Add-on Program: **Industrial Automation with PLC**

S.No	Parameters	1	2	3	4	5
1	I Learned something that I previously did not know				✓	
2	The information was presented in an easy to understand					✓
3	This add-on Programme very useful to me				✓	
4	The variety of material Presented allowed for an interesting presentation of information					✓
5	I could get some knowledge about this topic				✓	
6	I learned more from the practice session					✓
Rating Scale: Excellent - 5 Very Good - 4 Good - 3 Fair - 2 Poor - 1						


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1.2.3 Number of Add-on/Certificates Programs Offered during the last five years

FEEDBACK FROM STUDENTS

Name of the Department: **ECE**

Date: **30/11/2018**

Academic Year: **2018-2019**

Class: **IV ECE**

Name of Add-on Program: **NI LAB VIEW**

S.No	Parameters	1	2	3	4	5
1	I Learned something that I previously did not know			✓		
2	The information was presented in an easy to understand				✓	
3	This add-on Programme very useful to me					✓
4	The variety of material Presented allowed for an interesting presentation of information				✓	
5	I could get some knowledge about this topic					✓
6	I learned more from the practice session				✓	
Rating Scale: Excellent - 5 Very Good - 4 Good - 3 Fair - 2 Poor -1						


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A.YEAR:2018-19
BROCHURE/CIRCULAR



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DEPARTMENT OF MECHANICAL ENGINEERING

VALUE ADDED COURSE

DATE:01-12-2018

CIRCULAR

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S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	MECH	III	AUTOCAD


Training In-Charge


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NAAC ACCREDITED INSTITUTION

DEPARTMENT OF MECHANICAL ENGINEERING

Conducts Technical Training On

AUTOCAD

From 03rd Dec 2018 To 05th Dec 2018

From 09:30 AM To 04:30 PM

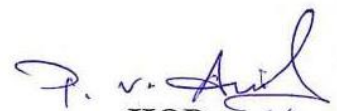
Resouce Persons:

1) S.Venu Gopal Reddy

Partcipants:

III Mech Students


Training In-Charge


HOD



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DEPARTMENT OF MECHANICAL ENGINEERING

Course Contents:

DAY	FORENOON SESSION	AFTERNOON SESSION
1	Introduction To AUTOCAD 2D,3D	Project Management
2	Plotting,Printing,Drawing Sheets Creation	Dimensioning & Annotating Drawings
3	Parcels	Survey, Practical Session



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VALUE ADDED COURSE

DATE:24-08-2018

CIRCULAR

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S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	EEE,ECE	II,III & IV	Industrial Automation With PLC

B. Suresh
Training In-Charge

[Signature]
Principal
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Conducts Technical Training On
Industrial Automation
With PLC

From 27th Aug 2018 To 01st Nov 2018

From 09:30 AM To 04:30 PM

Resource Persons:

- 1) Y.Madhu Vamsy
- 2) R Yoga Priyanka

Participants:

II,III,and IV EEE,ECE Students

S. Suresh
Training In-Charge

S. Suresh
HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course Contents:

DAYS	PHASE - 1 COURSE CONTENT
Day 1	Introduction to PLC, Introduction to PLC Programming types / Introduction about Ladder logic diagram, NO & NC switch based concept, Latching and memory concepts.
Day 2	Application problems based on NO & NC. Application problems based on Memory coils. Push button concepts. Introduction to Timers and Timer based Problems.
Day 3	Application problems based on Timers, NO & NC combination. Sensor based problems. Introduction to Counters, Counter based problems, Set & Reset, Positive & Negative Pulses.

DAYS	PHASE - 2 COURSE CONTENT
Day 1	Introduction to Delta CPU's Description of output types- Relay output, Transistor output, Basic programming part and description of wiring types (source-sink, sink-source, source-source, sink-sink), All problems based on toggle switch what we covered in phase-1. Introduction to Set, Reset, Falling edge, Rising edge, Inc, Dec instructions
Day 2	Introduction to push buttons and memory coil concepts and programming on some problems what we covered in phase-1, Timers concept and problems based on timers, Introduction to 8-channel relay modules and contactors. Problems based on relay, contactors. Introduction to Proximity sensors both capacitive and inductive.
Day 3	Projects : Stair-case, Traffic light, Car parking, Star-Delta starter, Series- Parallel operation, Sequential problems



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VALUE ADDED COURSE

DATE:26-11-2018

CIRCULAR

This is to inform the B.Tech Electronics and Communication Engineering students that the classes for the Value Added Course for the Academic Year 2018-2019 for the Regulation R13.Hence Requested all the Interested Students to register the following Value Added Course.

S.No	Program Name	Branch	Year	Value Added Course
1	B.Tech	ECE	IV	NI LABVIEW


Training In-Charge


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**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

Conducts Training On

NI LAB VIEW

From 28th Nov 2018 To 30nd Nov 2018

From 09:30 AM To 04:30 PM

Resouce Persons:

1) Geya Poojitha

Partcipants:

IV ECE Students

Training In-Charge

HOD



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Course Contents:

NI LABVIEW WORKSHOP (November 28-30th, 2018)

Day 1:

Morning session

Content

- LabVIEW Introduction
- Getting started with LabVIEW
- Basics of LabVIEW software
- How to create VI?
- How to create sub VI?

Exercises

1. Creating a VI using Numeric Functions
2. Finding area of the triangle
3. Creating half adder.
4. Creating Full Adder using sub VI

Afternoon session

Contents

- Debugging Techniques
- Loops
- Structures
- Variables

Exercises

- Finding even or odd no.
- Fibonacci series.
- Finding Factorial
- Local variable parallel loop control.
- Global variable VI control.

Day-2:

Morning Session

Contents

- Arrays
- Clusters
- Strings
- Wave form Graphs and Charts

Exercises

- Array functions
- Creating of array using for loop
- Cluster functions
- String operations
- Simulation of graphs, Using random numbers

Afternoon session

Contents

- File I/O's
- Formula node
- Expression node
- Property node
- Invoke node
- Architectures

Exercises

- Expressions execution using formula node and expression node
- Writing and reading binary, text, measurement files
- Weighing machine using State machine

Day-3:

Contents

MULTISIM

- Introduction.
- Multisim User Interface.

- Design a circuit
- Transient Analysis