



JYOTHISHMATHI INSTITUTE OF TECHNOLOGY AND SCIENCE

Nustulapur, Karimnagar – 505 481 (TS)
(Approved by AICTE, New Delhi and Affiliated to JNTUH)
An ISO 9001:2015 Certified Institution

Department of Computer Science and Engineering

Certificate Course Schedule

Name of the Course: I- BASIC JAVA PROGRAMMING

No. of Hours: 34 Hours

S.No	Date	Time (From/To)	Topic
1	13/5/2020	3:00 PM-6:00 PM	Object Oriented Programming Concepts
2	14/5/2020	3:00 PM-6:00 PM	Object Oriented Programming Concepts
3	15/5/2020	3:00 PM-6:00 PM	Object Oriented Programming Concepts
4	16/5/2020	3:00 PM-4:30 PM	ASSESSMENT EXAM1
5	17/5/2020	1:00 PM -2:00 PM	Java Features.
6	18/5/2020	1:00 PM -2:30 PM	Overview of Java.
7	19/5/2020	1:00 PM -2:30 PM	Data Types.
8	20/5/2020	1:00 PM -2:30 PM	Variables & Arrays.
9	21/5/2020	1:00 PM -2:30 PM	Operators.
10	22/5/2020	1:00 PM -2:30 PM	Expressions.
11	23/5/2020	1:00 PM -2:30 PM	Control Statements.
12	24/5/2020	1:00 PM -2:00 PM	Introduction to classes.
13	25/5/2020	3:00 PM-5:00 PM	Methods & Classes.
14	26/5/2020	3:00 PM-4:30 PM	Strings.
15	27/5/2020	3:00 PM-4:30 PM	Inheritance.
16	28/5/2020	3:00 PM-4:30 PM	Packages.
17	29/5/2020	3:00 PM-4:30 PM	Exception handling.
18	30/5/2020	3:00 PM-4:30 PM	QUIZ
19	31/5/2020	3:00 PM-6:00 PM	ASSESSMENT EXAM2

COORDINATOR

G.SRIKANTH

Assistant Professor, CSE Dept.

HOD



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Certificate Course Schedule

Name of the Course: II-R PROGRAMMING

No. of Hours: 34 Hours

S.No	Date	Time (From/To)	Topic
1	13/5/2020	12:00 PM-2:00 PM	R – OVERVIEW, R – ENVIRONMENT SETUP
2	13/5/2020	3:00 PM-5:00 PM	R – BASIC SYNTAX, R – DATA TYPES
3	14/5/2020	3:00 PM-5:00 PM	R – VARIABLES, R – OPERATORS
4	15/5/2020	3:00 PM-5:00 PM	R – DECISION MAKING, R – LOOPS, R – FUNCTION
5	16/5/2020	3:00 PM-4:30 PM	R – STRINGS, R – VECTORS, R – LISTS,
6	17/5/2020	1:00 PM -2:00 PM	R – MATRICES, R – ARRAYS, R – FACTORS, R – DATA FRAMES and QUIZ-I
7	12/5/2020	1:00 PM -2:30 PM	R – PACKAGES
8	18/5/2020	1:00 PM -2:30 PM	R – DATA RESHAPING
9	19/5/2020	1:00 PM -2:30 PM	R – CSV FILES
10	20/5/2020	3:00 PM-5:00 PM	R – EXCEL FILE
11	21/5/2020	1:00 PM -2:30 PM	R – BINARY FILES
12	22/5/2020	1:00 PM -2:30 PM	R – DATABASES, R – PIE CHARTS
13	23/5/2020	1:00 PM -2:30 PM	R – BAR CHARTS , R – BOXPLOTS
14	24/5/2020	1:00 PM -2:00 PM	R – OVERVIEW, R – ENVIRONMENT SETUP
15	25/5/2020	3:00 PM-5:00 PM	R – HISTOGRAMS, R – LINE GRAPHS and QUIZ-II
16	26/5/2020	3:00 PM-4:30 PM	R – SCATTERPLOTS,
17	27/5/2020	3:00 PM-4:30 PM	R – MEAN, MEDIAN & MODE
18	28/5/2020	3:00 PM-4:30 PM	R – LINEAR REGRESSION
19	29/5/2020	3:00 PM-4:30 PM	R – ANALYSIS OF COVARIANCE, R – TIME SERIES ANALYSIS
20	30/5/2020	3:00 PM-4:30 PM	R – NONLINEAR LEAST SQUARE , R – DECISION TREE
21	31/5/2020	3:00 PM-5:00 PM	R – RANDOM FOREST, R – SURVIVAL ANALYSIS,R – CHI SQUARE TEST, QUIZ-III

COORDINATOR

V.MALSORU

Associate Professor,CSE Dept

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Department of Computer Science and Engineering

Certificate Course Schedule

Name of the Course: III- CISCO CERTIFICATION

No. of Hours: 34 Hours

S.No	Date	Time (From/To)	Topic
1	11.05.2020	2.00 PM -3.00 PM	Global connection
2	12-05-2020	2.00 PM -3.00 PM	Lan's Wan's &Internet
3	13-05-2020	2.00 PM -4.00 PM	Network as a platform
4	14-05-2020	2.00 PM -4.00 PM	Changing the new environment
5	15-05-2020	2.00 PM -4.00 PM	IOS Boot camping
6	16-05-2020	2.00 PM -4.00 PM	Basic device configuration
7	17-05-2020	2.00 PM -4.00 PM	Address Schemes
8	18-05-2020	2.00 PM -4.00 PM	Rules of communication
9	19-05-2020	2.00 PM -4.00 PM	Network protocols and standards
10	20-05-2020	2.00 PM -4.00 PM	Data transfer in the network
11	21-05-2020	2.00 PM -4.00 PM	Physical Layer Protocol
12	22-05-2020	2.00 PM -4.00 PM	Network Media
13	23-05-2020	2.00 PM -3.00 PM	Data Link Layer Protocols
14	24-05-2020	2.00 PM -3.00 PM	Media access control
15	25-05-2020	2.00 PM -3.00 PM	Ethernet protocol
16	26-05-2020	2.00 PM -3.00 PM	LAN Switches
17	27-05-2020	2.00 PM -3.00 PM	Address Resolution Protocol
18	28-05-2020	2.00 PM -3.00 PM	Network layer protocols
19	01-06-2020	2.00 PM -3.00 PM	Routing
20	02-06-2020	2.00 PM -3.00 PM	Routers
21	03-06-2020	2.00 PM -3.00 PM	Configure a CISCO Router
22	09-06-2020	2.00 PM -3.00 PM	IPv4 Network address
23	10-06-2020	2.00 PM -3.00 PM	IPv6 network address
24	11-06-2020	2.00 PM -3.00 PM	Connectivity and verification
25	12-06-2020		Final certification exam

COORDINATOR

P.BALAKISHAN

Associate Professor, CSE Dep

HOD



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Department of Electronics & Communications Engineering

Certificate Course Schedule

Digital Design through HDL

S. No	Date	Time (From/To)	Topic
1	18-05-2020	10.00am to 11.00am	Introduction Session
2	18-05-2020	11.00am to 12.00pm	Importance of HDL
3	18-05-2020	1.00pm to 2.00pm	Design Methodologies
4	19-05-2020	10.00am to 11.00am	VLSI Design Automation tools
5	19-05-2020	11.00am to 12.00pm	VLSI Design Automation tools
6	19-05-2020	1.00pm to 2.00pm	VLSI Design Automation tools
7	20-05-2020	10.00am to 11.00am	An overview of the features of practical CAD tools - Xilinx
8	20-05-2020	11.00am to 12.00pm	An overview of the features of practical CAD tools – Model Sim
9	20-05-2020	1.00pm to 2.00pm	FPGA & CPLD
10	21-05-2020	10.00am to 11.00am	Basic Concepts of Verilog HDL
11	21-05-2020	11.00am to 12.00pm	Lexical Conventions
12	21-05-2020	1.00pm to 2.00pm	Data Types
13	22-05-2020	10.00am to 11.00am	Data Types
14	22-05-2020	11.00am to 12.00pm	Data Types
15	22-05-2020	1.00pm to 2.00pm	Operators
16	23-05-2020	10.00am to 11.00am	Module & Ports
17	23-05-2020	11.00am to 12.00pm	Gate Level Modelling
18	23-05-2020	1.00pm to 2.00pm	Behavioural Modelling
19	25-05-2020	10.00am to 11.00am	Data Flow Modelling
20	25-05-2020	11.00am to 12.00pm	Switch Level modelling
21	25-05-2020	1.00pm to 2.00pm	Combinational Circuits Design
22	26-05-2020	10.00am to 11.00am	Sequential Circuits Design
23	26-05-2020	11.00am to 12.00pm	Introduction to VHDL
24	26-05-2020	1.00pm to 2.00pm	Data Types
	26-05-2020	3.00pm to 4.00pm	Quiz

25	27-05-2020	10.00am to 11.00am	Data Types
26	27-05-2020	11.00am to 12.00pm	Operators
27	27-05-2020	1.00pm to 2.00pm	Classes of Objects, entities and architectures
28	28-05-2020	10.00am to 11.00am	Concurrent statements
29	28-05-2020	11.00am to 12.00pm	Sequential statements
30	28-05-2020	1.00pm to 2.00pm	Sequential Statements
31	29-05-2020	10.00am to 11.00am	Process & Sensitivity List
32	29-05-2020	11.00am to 12.00pm	Signals & Variables
33	29-05-2020	1.00pm to 2.00pm	Behavioural modelling & Data Flow Modelling
34	30-05-2020	10.00am to 11.00am	Functions , Procedures & Packages
35	30-05-2020	11.00am to 12.00pm	Test Benches
36	30-05-2020	1.00pm to 2.00pm	Design Examples
37	30-05-2020	2.00pm to 3.00pm	Design Examples
	31-05-2020	12.00pm to 1.00pm	Quiz

COORDINATOR

HOD



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Department of Electrical and Electronics Engineering

Certificate Course Schedule

Name of the Course: Introduction To MATLAB & Industrial Automation with SCADA

No. of Hours: 35

S.No	Date	Time (From/To)	Topic
1	23.05.2020	9.30AM-12.30 PM	MATLAB
2	26.05.2020	9.30AM-12.30 PM	MATLAB
3	27.05.2020	9.30AM-12.30 PM	MATLAB
4	28.05.2020	9.30AM-12.30 PM	MATLAB
5	29.05.2020	9.30AM-12.30 PM	MATLAB
6	30.05.2020	9.30AM-12.30 PM	MATLAB
7	01.06.2020	9.30AM-12.30 PM	MATLAB
8	02.06.2020	9.30AM-12.30 PM	MATLAB
9	03.06.2020	9.30AM-12.30 PM	INDUSTRIAL AUTOMATION
10	04.06.2020	9.30AM-12.30 PM	INDUSTRIAL AUTOMATION

R Babu
Assistant Professor/ EEE
COORDINATOR

Dr. M Manikandan
HOD



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Department of Electrical and Electronics Engineering

Certificate Course Schedule

Name of the Course: ENERGY PRODUCTION, DISTRIBUTION & SAFETY

No. of Hours: 30

S.No	Date	Time (From/To)	Topic
1	23.05.2020	09.30-11.00	DISTRIBUTION
		02.00-03.30	DISTRIBUTION
2	24.05.2020	09.30-11.00	DISTRIBUTION
		02.00-03.30	DISTRIBUTION
3	25.05.2020	09.30-11.00	DISTRIBUTION
		02.00-03.30	WIND ENERGY
4	26.05.2020	09.30-11.00	WIND ENERGY
		02.00-03.30	WIND ENERGY
5	27.05.2020	09.30-11.00	TIDAL ENERGY
		02.00-03.30	TIDAL ENERGY
6	28.05.2020	09.30-11.00	SAFETY
		02.00-03.30	SAFETY
7	29.05.2020	09.30-11.00	SAFETY
		02.00-03.30	SAFETY
8	30.05.2020	09.30-11.00	SAFETY
		02.00-03.30	SOLAR ENERGY
9	31.05.2020	09.30-11.00	SOLAR ENERGY
		02.00-03.30	SOLAR ENERGY
10	01.06.2020	09.30-11.00	NATURAL GAS ENERGY
		02.00-03.30	NATURAL GAS ENERGY

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Department of Civil Engineering

Certificate Course Schedule

Name of the Course: 3Ds MAX

No. of Hours: 36

S.No	Date	Time (From/To)	Topic
1	18-05-2020	2:00 PM to 5:00 PM	Introduction to 3Ds MAX
2	19-05-2020	2:00 PM to 5:00 PM	Chair Modelling Command Panel tools
3	20-05-2020	2:00 PM to 5:00 PM	Editable Spline
4	21-05-2020	2:00 PM to 5:00 PM	Editable Poly
5	22-05-2020	2:00 PM to 5:00 PM	Object Space Modifiers
6	23-05-2020	2:00 PM to 5:00 PM	Importating DWG & DXF
7	25-05-2020	2:00 PM to 5:00 PM	Animation Concepts
8	26-05-2020	2:00 PM to 5:00 PM	Materials
9	27-05-2020	2:00 PM to 5:00 PM	Lights
10	28-05-2020	2:00 PM to 5:00 PM	Cameras
11	29-05-2020	2:00 PM to 5:00 PM	Rendering
12	30-05-2020	2:00 PM to 5:00 PM	Final Output Avi & JPEG

COORDINATOR

Mr.K.Pradeep

HOD

Dr.R.Rajesh Guna



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Department of Civil Engineering

Certificate Course Schedule

Name of the Course: Basics of Auto CAD

No. of Hours: 34

S.No	Date	Time (From/To)	Topic
1	18.05.2020	2:15pm to 5pm	Introduction about Auto CAD Features of AutoCAD
2	19.05.2020	2:15pm to 5pm	Commands Draw tools
3	20.05.2020	2:15pm to 5pm	Modify tools
4	21.05.2020	2:15pm to 5pm	Drawing lines, polylines
5	22.05.2020	2:15pm to 5pm	Drawing rectangles and arc
6	23.05.2020	2:15pm to 5pm	Drawing circles and ellipse.
7	25.05.2020	2:15pm to 5pm	Co- ordinate methods
8	26.05.2020	2:15pm to 5pm	Using of screen icons Formatting text styles Dialogue boxes
9	27.05.2020	2 pm to 5pm	Modify commands Drawing the curves
10	28.05.2020	2 pm to 5pm	Projections
11	29.05.2020	2 pm to 5pm	Drawing of building components
12	30.05.2020	2pm to 5pm	Revision

COORDINATOR
Sd.Musthaq Ahmed

HOD
Dr.R.Rajesh Guna



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Department of Mechanical Engineering

Certificate Course Schedule

Name of the Course: Utilisation of Autodesk-Inventor

No. of Hours: 33

S.No	Date	Time (From/To)	Topic
1	18/05/2020	11:00 AM to 12:00 PM	INAUGURAL SESSION
2	18/05/2020	11:00 AM to 12:00 PM	HOW TO INSTALL AUTO CAD AND AUTODESK INVENTOR
3	19/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	PRESENTATION ON AUTODESK INVENTOR
4	20/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	INTRODUCING THE SOFTWARE WITH NECESSARY TOOLS
5	21/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	PRACTICING THE 2-D MODELS
6	22/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	DEVELOPING PARTMODELS FOR GIVEN ORTHOGRAPHIC VIEWS
7	23/05/2020	11:00 AM to 12:00 PM	DEVELOPING PARTMODELS FOR GIVEN ORTHOGRAPHIC VIEWS & CONDUCTING QUIZ 1
8	25/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	DEVELOPING THE PARTS OF KNUCKLE JOINT
9	26/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	DEVELOPING THE PARTS OF KNUCKLE JOINT
10	27/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	ASSEMBLING THE PARTS OF KNUCKLE JOINT
11	28/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	DEVELOPING THE PARTS OF STUFFING BOX
12	29/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	DEVELOPING THE PARTS OF STUFFING BOX
13	30/05/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	ASSEMBLING THE PARTS OF STUFFING BOX
14	01/06/2020	11:00 AM to 12:00 PM 3:00 PM TO 4:00 PM	ANALYSIS ON A SIMPLY SUPPORTED BEAM WITH POINT LOADS

15	02/06/2020	11:00 AM to 12:00 PM	ANALYSIS ON A SIMPLY SUPPORTED BEAM WITH UDL & CONDUCTING QUIZ 2
16	03/06/2020	11:00 AM to 12:00 PM	VALEDICTORY SESSION

COORDINATOR
U SAIPRASANRAJ
P DEVENDAR

HOD
R.CHANDANA