SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
L e a r n i n g a t i t s b e s t
Affiliated to JNTUH – Approved by AICTE

No. SRITW/Prin/2020   Date: 22-08-2020

CIRCULAR

All the students are hereby informed that our college is offering value-added courses. Interested students can register their names with the respective course coordinator. A detailed brochure regarding the courses is forwarded to their respective mail ids.

Criteria for Certification: Attendance >=75% and marks secured >=60%.

: Important dates:

Registrations opening date: 24-08-2020

Registrations closing date: 31-08-2020

Course start date: 02-09-2020

Course end date: 02-11-2020

Courses offered:

1. Linux System Administration

2. Basics of Simulation Tools

3. Web Designing & Office Automation

4. Web Services

Principal

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HOD (CSE, ECE, EEE, H&SC)

Administrative Officer

In-charge, Exam Branch

Library

Notice Board

To be read in classrooms

Course Objectives:

- To Create Solutions in Incident Handling.
- Implement cyber security best practices and risk management.
- To communicate in a written and professional manner to strategize.
- To identify and implement legal ramifications.
- To integrate network monitoring and present real time solutions.
- To understand software design and secure practices.
- To understand cyber security risk in an ethical, social and professional manner.
- To implement successful solutions to security needs of a business through risk compliance, incident handling, integrated network solutions.

Course Coordinator:

Mr.E.Kumara Swamy

Asst.Prof, ECE

**For registrations Contact no: 9849237632**

Pre-requisites:

1. It is essential for the candidate to have a sound knowledge of information systems and networks.
2. They should also have hands-on technical experiences as well and be updated with the latest cyber security training propaganda.
3. Have the fundamentals of cyber security

Course Start Date: 02-09-2020
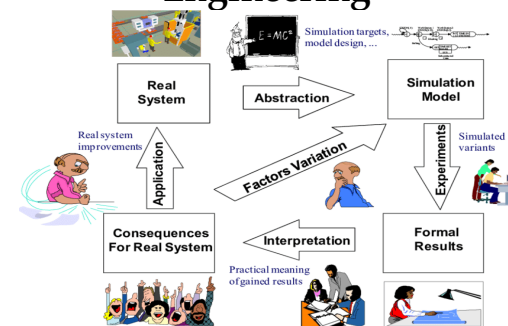
Course End Date: 02-11-2020

Venue: Online

Timings: 3:10PM-4:00PM
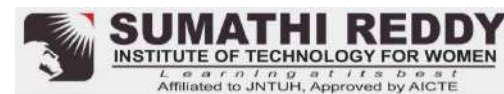
A Course
on

Basics of Simulation tools

Organized

by

Department of Electronics and Communication Engineering

Course Instructors:

1. **Mr.T.Ravi kumar**
   Asst.Prof, CSE
2. **Mr.N.Govardhan**
   Asst. Prof, ECE

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Basics of Simulation Tools
Date:02-09-2020 to 02-11-2020

Course Content

The course emphasizes elementary modeling, numerical methods and their implementation on physical problems motivated by phenomena that students are likely to encounter in their careers, involving biomechanics, heat-transfer, structural analysis, control theory, fluid-flow, electrical conduction, diffusion, etc. The course will help students develop intuition about the strengths and weaknesses of a variety of modeling and numerical methods. The course will help students develop intuition about modeling physical systems and strengths and weaknesses of a variety of numerical methods, including:

- Discretization of differential equations,
- Methods for solving nonlinear systems,
- Gradient-based methods for optimization,
- Machine learning algorithms for optimization and
- Statistics and n-certainty quantification

Models that arise from physical systems in engineering and basic numerical methods
Theme: modeling and simulation of the dynamics of complex systems
Case study-modeling and simulation of the dynamics of a swarm
Case study-modeling and simulation of the mechanics of an explosion
Case study-modeling and simulation of ballistic armor
Theme: modeling of simulation of high-performance materials in industry
Case study-modeling and simulation of next-generation turbine blades
Case study-modeling and simulation of functionalized material design
Case study-modeling and simulation of a multifunctional fluid
Theme: modeling and simulation of biological systems
Case study-modeling and simulation of bio-flow and disease progression
Case study-modeling and simulation of electrical trauma
Case study-modeling and simulation of the biomechanical movement of an athlete
Theme: modeling and simulation of advanced manufacturing
Case study-modeling and simulation of the design of 3D printing materials
Case study-modeling and simulation of laser-processing of materials

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Case study-modeling and simulation of a robotic 3D printer

Course Outcomes

After completion of the course students will be able to learn

- Coverage of the modeling and simulation of modern engineering systems and their synthesis.
- The goal of this course is to provide students with the general multipurpose tools needed for successful industrial research.
- The course will help students develop intuition about modeling physical systems and strengths and weaknesses of a variety of numerical methods.

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List of Registered Students for Basics of Simulation Tools

Batch: 1   **Date:02-09-2020 to 02-11-2020**

S. no	Roll no	Name of the Student
1	176Y1A0221	PULUMATI SUSHMITHA
2	176Y1A0222	RASHMI
3	176Y1A0223	SYEDA SHAFIYA YASMEEN
4	176Y1A0224	TALLAPALLY RACHANA
5	176Y1A0225	THODETI SUSHMA
6	176Y1A0226	THURPATI ANITHA
7	176Y1A0227	VAJRA VISHNUPRIYA
8	176Y1A0228	VEERAGANTI SAI PRIYA
9	176Y1A0229	VODDI VIDYA
10	186Y1A0412	ARAVIKATLA RINALDI
11	186Y1A0413	BAIRABOINA SWETHA
12	186Y1A0414	BHEEMANAPALLI LIKHITHA
13	186Y1A0415	BIKKINENI SOUMYA
14	186Y1A0416	BIKKINENI SRIHARSHA
15	186Y1A0417	BODDU MOUNIKA
16	186Y1A0418	BOJJAM RUCHITHA
17	186Y1A0419	BOLLAM NIHARIKA
18	186Y1A0420	BOMMINENI PRAVALIKA
19	186Y1A0421	BURRI SAI PRASANNA
20	186Y1A0422	BYREDDY SUBHASHINI
21	186Y1A0423	CHARISHMA
22	186Y1A0424	CHATLA RAMYA
23	186Y1A0425	DASARI VISHWAJA
24	186Y1A0426	DEEKONDA NIKITHA
25	186Y1A0427	DEVARUPPULA SAI SRIYA
26	186Y1A0428	DONGARI SANGEETHA
27	196Y1A0490	THATIPAMULA ABHINAYA
28	196Y1A0491	THODUPUNURI AKHILA
29	196Y1A0492	THOTA SOUMYA
30	196Y1A0493	THUMMA DEEPTHI MAI
31	196Y1A0494	THUMMA SHRENITHA
32	196Y1A0495	TUMMANAPELLI KEERTHANA
33	196Y1A0496	VALLAPU REDDY SINDHUJA
34	196Y1A0497	VALUGUBELLY BHOOMIKA
35	196Y1A0498	VANAMALA SATHWIKA
36	196Y1A0499	VANCHA ASHRITHA REDDY
37	196Y1A04A0	VEERAMANENI SIRIPRIYA
38	196Y1A04A1	VEMULA SREELEKHA
39	196Y1A04A2	VEMURI POOJA
40	196Y1A04A3	VENGALA POOJA
41	196Y1A04A4	VETURI THISHIKA
42	196Y1A0501	ADHRASANDI SRIDEEPA

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Course-coordinator

Batch: 2

Sno	Roll No	Name of the student
1	206Y1A0404	AVERINENI VASAVI
2	206Y1A0405	BAINA LAKSHMIE PRASANNA
3	206Y1A0406	BALA RAJALAXMI
4	206Y1A0407	BALLE ANUSHA
5	206Y1A0408	BATHINI LAKSHMIPRASANNA
6	206Y1A0409	BHUKYA BHOOMIKA
7	206Y1A0410	BITLA ROJA
8	206y1A0411	BOMMERA SUSHMA
9	206Y1A0412	BOPPA AKHILA
10	206Y1A0413	BUDDHE SANGEETHA
11	206Y1A0414	BURLA HARIKA
12	206Y1A0415	CHERUKUPALLY KEERTHANA
13	206Y1A0416	CHINTHAREDDY DIVYASRI
14	206Y1A0417	DEVATHI MADHUMITHA
15	206Y1A0418	EMMADI SATHWIKA
16	206Y1A0419	ENUGALA SOUJANYA
17	206Y1A0420	GORANTALA HARSHITHA
18	206Y1A0421	GOURI PRIYA YAMSANI
19	206Y1A0422	GUMMADAVELLI DEEKSHITHA
20	206Y1A0423	HATKAR DEEPIKA
21	206Y1A0424	HUZAIFA GAZNAM
22	206Y1A0425	JAKKULA VAISHNAVI
23	206Y1A0426	JANAGANI BHAVANA
24	206Y1A0427	JANGALA LAXMI PAVANI
25	206Y1A0428	JERIPOTHULA CHANDANA
26	216Y1A0422	DADI ANUSHA
27	216Y1A0423	DESHETTI SATHVIKA
28	216Y1A0424	ETIKALA NAVEENA
29	216Y1A0425	FARAH MUSKAAN
30	216Y1A0426	GUNJI RAJARAJESHWARI
31	216Y1A0427	GATTU PRATHYUSHA
32	216Y1A0428	GATTU SRAVANI
33	216Y1A0429	GOURISHETTI SWATHI
34	216Y1A0430	GUNDEKARI DEEKSHITHA
35	216Y1A0431	HUDA NOOREEN
36	216Y1A0432	IMMADI SRIVALLI
37	216Y1A0433	JANNU SNEHITHA
38	216Y1A0434	JERRIPOTHULA DIVYA
39	216Y1A0435	JETTI PAVANI
40	216Y1A0436	KANDAKATLA SRI PAVANI
41	216Y1A0437	KANDARI RAGINI
42	216Y1A0438	KANTHALA AKHILA
43	216Y1A0439	KAVATI KRISHNAVENI

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Course Coordinator

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Ananthasagar, Hasanparthy, Warangal -506371, Telangana. Website: www.sritw.org
Phoneno: 0870-2818302. Email: principal@sritw.org.

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Students Eligible for Certification as per Eligibility Criteria

Course: Basic Simulation Tools   Date: 02-09-2020 to 02-11-2020

S. no.	Roll no	Name	Marks
1	206Y1A0414	BURLA HARIKA	18
2	206Y1A0415	CHERUKUPALLY KEERTHANA	18
3	206Y1A0416	CHINTHAREDDY DIVYASRI	19
4	206Y1A0417	DEVATHI MADHUMITHA	25
5	206Y1A0418	EMMADI SATHWIKA	20
6	206Y1A0419	ENUGALA SOUJANYA	20
7	206Y1A0420	GORANTALA HARSHITHA	25
8	206Y1A0421	GOURI PRIYA YAMSANI	24
9	206Y1A0422	GUMMADAVELLI DEEKSHITHA	23
10	206Y1A0423	HATKAR DEEPIKA	18
11	206Y1A0424	HUZAIFA GAZNAM	18
12	206Y1A0425	JAKKULA VAISHNAVI	19
13	206Y1A0426	JANAGANI BHAVANA	25
14	206Y1A0427	JANGALA LAXMI PAVANI	20
15	206Y1A0428	JERIPOTHULA CHANDANA	20
16	216Y1A0422	DADI ANUSHA	25
17	216Y1A0423	DESHETTI SATHVIKA	24
18	216Y1A0424	ETIKALA NAVEENA	23
19	216Y1A0425	FARAH MUSKAAN	18
20	216Y1A0426	GUNJI RAJARAJESHWARI	18
21	216Y1A0427	GATTU PRATHYUSHA	19

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22	216Y1A0428	GATTU SRAVANI	25
23	216Y1A0429	GOURISHETTI SWATHI	20
24	216Y1A0430	GUNDEKARI DEEKSHITHA	20
25	216Y1A0431	HUDA NOOREEN	25
26	216Y1A0432	IMMADI SRIVALLI	24
27	216Y1A0433	JANNU SNEHITHA	23
28	216Y1A0434	JERRIPOTHULA DIVYA	18
29	216Y1A0435	JETTI PAVANI	18
30	216Y1A0436	KANDAKATLA SRI PAVANI	19
31	216Y1A0437	KANDARI RAGINI	25
32	216Y1A0438	KANTHALA AKHILA	20
33	216Y1A0439	KAVATI KRISHNAVENI	20
34	176Y1A0221	PULUMATI SUSHMITHA	25
35	176Y1A0222	RASHMI	24
36	176Y1A0223	SYEDA SHAFIYA YASMEEN	23
37	176Y1A0224	TALLAPALLY RACHANA	18
38	176Y1A0225	THODETI SUSHMA	18
39	176Y1A0226	THURPATI ANITHA	19
40	176Y1A0227	VAJRA VISHNUPRIYA	25
41	176Y1A0228	VEERAGANTI SAI PRIYA	20
42	176Y1A0229	VODDI VIDYA	20
43	186Y1A0412	ARAVIKATLA RINALDI	25
44	186Y1A0413	BAIRABOINA SWETHA	24
45	186Y1A0414	BHEEMANAPALLI LIKHITHA	23

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46	186Y1A0415	BIKKINENI SOUMYA	18
47	186Y1A0416	BIKKINENI SRIHARSHA	18
48	186Y1A0417	BODDU MOUNIKA	19
49	186Y1A0418	BOJJAM RUCHITHA	25
50	186Y1A0419	BOLLAM NIHARIKA	20
51	186Y1A0420	BOMMINENI PRAVALIKA	20
52	186Y1A0421	BURRI SAI PRASANNA	25
53	186Y1A0422	BYREDDY SUBHASHINI	24
54	186Y1A0423	CHARISHMA	23
55	186Y1A0424	CHATLA RAMYA	18
56	186Y1A0425	DASARI VISHWAJA	18
57	186Y1A0426	DEEKONDA NIKITHA	19
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59	186Y1A0428	DONGARI SANGEETHA	20
60	196Y1A0490	THATIPAMULA ABHINAYA	20
61	196Y1A0491	THODUPUNURI AKHILA	25
62	196Y1A0492	THOTA SOUMYA	24
63	196Y1A0493	THUMMA DEEPTHI MAI	23
64	196Y1A0494	THUMMA SHRENITHA	18
65	196Y1A0495	TUMMANAPELLI KEERTHANA	18
66	196Y1A0496	VALLAPU REDDY SINDHUJA	19
67	196Y1A0497	VALUGUBELLY BHOOMIKA	
68	196Y1A0498	VANAMALA SATHWIKA	20
69	196Y1A0499	VANCHA ASHRITHA REDDY	20

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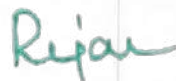
70	196Y1A04A0	VEERAMANENI SIRIPRIYA	25
71	196Y1A04A1	VEMULA SREELEKHA	24
72	196Y1A04A2	VEMURI POOJA	23
73	196Y1A04A3	VENGALA POOJA	18
74	196Y1A04A4	VETURI THISHIKA	18
75	196Y1A0501	ADHRASANDI SRIDEEPA	19

Course-coordinator

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Response sheet for Basics of Simulation Tools

Total score	Name of t Name	Roll no	Roll n	1. What	1.	2. Timing 2. Timir	3. Which f 3. Whicl	4. An ever 4. An ev	5. Which c 5. Whicl	6. After ar 6. After	7. Which 7. Whicl	8. Which t 8. Whi	9. In the si 9. In the	10. Which 10. Whi	10. Which
16.00 / 20	B HARIKA -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	a.Alpha de 0.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	a.Compila 0.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
16.00 / 20	C. KEERTH -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	a.Comput 0.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	a.Compila 0.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
18.00 / 20	C. DIVYAS -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	b.Beta del 0.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
20.00 / 20	D. MADHU -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
18.00 / 20	E. SATHW -- / 0	206Y1A04: -- / 0	a.Require 0.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
18.00 / 20	E. SOUJAN -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	a.shortest 0.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
20.00 / 20	G. HARSHI -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
20.00 / 20	GOURI PRI -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
18.00 / 20	G. DEEKSH -- / 0	206Y1A04: -- / 0	b.Reducti 0.00 / 2	c.. longest 2.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	b.Cycle-bi 2.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2
16.00 / 20	HATKAR D -- / 0	206Y1A04: -- / 0	d.All of th 2.00 / 2	a.shortest 0.00 / 2	c.Both a a 2.00 / 2	b.. Change 2.00 / 2	d.. Delta d 2.00 / 2	c.Executic 2.00 / 2	a.Identific 2.00 / 2	a.Event-di 0.00 / 2	b.Elaborat 2.00 / 2	d.. Gate-le 2.00 / 2	2.00 / 2

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Certificate

This is to certify that GOURISHETTI SWATHI bearing roll number 216Y1A0429 has completed the course entitled "Basics of Simulation Tools " conducted from 02-09-2020 to 02-11-2020.
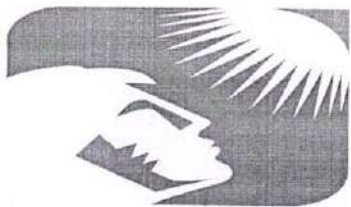
Mr.E.Kumara swamy
Coordinator

Dr.K.Mahender Sharma
Head of the Department

Dr.I.Rajasri Reddy
Principal

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Certificate

This is to certify that JETTI PAVANI bearing roll number 216Y1A0435 has completed the course entitled "Basics of Simulation Tools" conducted from 02-09-2020 to 02-11-2020.

Mr.E.Kumara swamy
Coordinator

Dr.K.Mahender Sharma
Head of the Department

Dr.I.Rajasri Reddy
Principal

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