

GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES (Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA)

Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

List of Certificate/ Add-on Programs

Academic Year: 2018-19

S.No	Name of the Program	Duration of Course	No. of Participants
1	A Two Week Certificate program on "Auto Cad"	09-07-2018 to 21-07-2018	25
2	A Two Week Certificate Programme on "Quantum Computing"	16-07-2018 to 28-07-2018	35
3	A Two Week Certificate Program on "Fundamentals of Substation Power Systems"	03-09-2018 to 15-09-2018	70
4	A Two Week Certificate Programme on "Signal Processing Using MATLAB"	17-09-2018 to 29-09-2018	40
5	A Two Week Certification program on "Advanced Fluid Mechanics and Aerodynamics"	11-02-2019 to 23-02-2019	100
6	A Two Week Certificate Programme on "Advanced Communication Networks"	25-02-2019 to 09-03-2019	28

PRINCIPAL

PRINCIPAL GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES Gonnavanipalem, Aganampudi VISAKHAPATNAM-530 053



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam - 530053

25th June 2018

CIRCUL AR

It is hereby informed to all Civil II & III & IV Year B.Tech students that department of Civil Engineering is conducting A Two Week Certificate program on "Auto Cad" from 09-07-2018 to 21-07-2018. All the students shall give their names to coordinator mentioned below on or before 05-07-2018. Hence, all the registered students are here by informed to attend the classes without fail.

Venue

: CP Lab

Coordinator: M.Kedeswari

Assistant professor Department of Civil

PRINCIPAL

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AY: 2018-2019

COURSE SCHEDULE

Course Layout

S.no	Date	Topics to be covered
1.	09-07-2018	Projections of Regular Solids inclined to both planes Auxiliary Views
2.	10-07-2018	Sections and Sectional views of Right Regular Solids Prism, Cylinder, Pyramid, Cone Auxiliary views.
3.	11-07-2018	Development of Surfaces of Right Regular Solids Prism, Cylinder, Pyramid, Cone and their parts.
4.	12-07-2018	Intersection of Cylinder Vs Cylinder, Cylinder Vs Prism, Cylinder Vs Cone, Prism Vs Cone.
5.	13-07-2018	Perspective View Points Lines, Plane Figures and Simple Solids
6.	14-07-2018	Generation of points, lines, curves, polygons, dimensioning
7.	16-07-2018	Types of modelling object selection commands edit, zoom cross hatching, pattern filling, utility commands,
8.	17-07-2018	2D wire frame modelling, 3D wire frame modelling,
9.	18-07-2018	View point coordinates and view(s) displayed, examples to exercise different options like save, restore, delete joint, single option.
10.	19-07-2018	Isometric projections, orthographic projections of isometric projections
11.	20-07-2018	Isometric projections, orthographic projections of isometric projections
12.	21-07-2018	Modeling of simple solids, Modeling of Machines & Machine Parts

Summary

Duration

: 2 Weeks

Start Date

: 09-07-2018

End Date

: 21-07-2018

The Registration End Date

: 05-07-2018

Program Coordinator

Head of The Department

PROGRAM COMMITTEE

Chief Patron

Sri G.B. Naidu

Secretary, GIITS

Patron

Dr.T.Venkateswara Rao

Principal, GIITS

Convenor

Mr.I.Santhosh kumar

Assistant Professor

Dept Civil, GIITS

Coordinator

Ms.M.Kadeswari

Assistant Professor, Dept of Civil, GIITS

Student Coordinator

D.Vasu Civil GIIT

Mobile; 7396497119

REGISTRATION FORM

Name:
Date of Birth:
Designation:
Institution:
Address for communication
Mobile:
Email:
Signature

Important Dates:

• Last date to Registration: july ,5 2018,

A TWO WEEK CERTIFICATE PROGRAM

On

"AUTO CAD"

09-07-2018 To 21-07-2018



Organized by the

Department of Civil Engineering



GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

Approved by AICTE & Affiliated to JNTU-Kakinada, Gonnavanipalem, Aganampudi, Visakhapatnam-530053, A.P-INDIA

ABOUT COLLEGE

The Gonna Institute of Information Technology and Sciences (GIITS), a pioneering educational organization, was established in 2009 under the direction of sri. G. B. Naidu with the aim of giving students access to high-quality education and the requisite infrastructure. It is located in Visakhapatnam, which is one of the cities in Andhra Pradesh with the fastest population increase. The college, with its multicultural and active community of over 1000 students, provides a variety of courses in the engineering stream, including graduate-level courses in Civil, EEE, Mech, ECE, and CSE as well as MBA and M. Tech at the postgraduate level. Since its inception, the organization has worked tirelessly to support the development of great managers, technocrats, and professionals from all over the world in order to give the Indian industry access to cutting-edge information and awareness. The institute is endowed with informed teachers who are highly qualified, as well as cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking, personal growth in order to challenge its students and give them the information, understanding, attitudes, and practical experiences they need to assume social duties

ABOUT CIVIL DEPARTMENT

The Department of Management Studies was established in the year 2019 with the objective of producing Young Management Executives with global standards. The MBA program is a 2-year (4 semesters) full-time Master's Degree program in Business Administration. While the first year is devoted to foundational courses, the second year would enable the students to gain in-depth knowledge in different areas and specialize in elective fields like Finance, HR, Marketing, Operations, and Logistics.

OBJECTIVES OF THE PROGRAM

- To enhance the student's knowledge and skills in engineering drawing and to introduce drafting packages and commands for computer aided drawing and modeling.
- The knowledge of projections of solids is essential in 3D modeling and animation. The student will be able to draw projections of solids. The objective is to enhance the skills they already acquired in their earlier course in drawing of projection.
- The knowledge of sections of solids and development of surfaces is required in designing manufacturing of the objects.
 Whenever two or more solids combine, a definite curve is seen at their intersection.

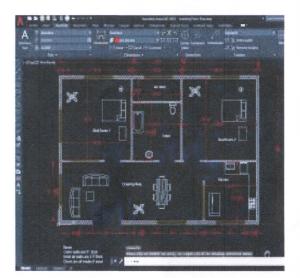
OUTCOMES OF THE PROGRAM

- Student get exposed on working of sheet metal with help of development of surfaces.
- Student understands how to know the hidden details of machine components with the help of sections and interpenetrations of solids

RESOURCE PERSON

Mr.I.Santhosh kumar

Assistant Professor, Dept of Civil, GIITS Mobile:9985047880





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AY: 2018-2019

Name of Program

: A Two Week Certificate program on "Auto Cad"

Date

: 09-07-2018 to 21-07-2018

STUDENTS ENROLLED LIST

S.No	Reg.No	Name of Student	Year/Branch	Signature
1.	176E1A0101	Dharmireddi Vasu	II/Civil	D. vasil.
2.	176E1A0102	Mahanti Chandra Prathyusha	II/Civil	M. Chandra prathywha
3.	176E1A0103	Murala Sai Kumar	II/Civil	M. Spi kumon
4.	166E1A0102	Gondesi Pushpa	III/Civil	G. Pushpa
5.	166E1A01037	Jami Sateesh	III/Civil	1. Satesh
6.	166E1A0105	Nethala Sateesh	III/Civil	N. Sateesh
7.	176E5A0101	Narayana Rao Byreddi	III/Civil	
8.	156E1A0102	Killo Lalin Kumar	IV/Civil	K. 101'M KLIMON.
9.	156E1A0103	Mohammad Anwar	IV/Civil	M. Ah war
10.	156E1A0105	Sampathi Sirisha	IV/Civil	8. Sioi Sha
11.	166E5A0101	Arthamuru Chinnari	IV/Civil	A. Channooi
12.	166E5A0102	Chowduwada Santosh	IV/Civil	C. Santock.
13.	166E5A0103	Shaik Bhasheera	IV/Civil	S. Bhasheera
14.	166E5A0104	Gaganam Aswini	IV/Civil	CT. ASWINI
15.	166E5A0105	Ganji Pavan Sai	IV/Civil	
16.	166E5A0106	Gannu Appalaraju	IV/Civil	G. pavan sai
17.	166E5A0107	Guduri Jaya Durga Prasad	IV/Civil	G. Appalaraju
18.	166E5A0108	Kemburi Ramesh	IV/Civil	K. Panoch
19.	166E5A0109	Konathala Suresh	IV/Civil	- Davide M
20.	166E5A0110	Kundrapu Jagapathi Babu	IV/Civil	K. Swredy
21.	166E5A0111	L. V S R Maheswari	IV/Civil	k jagapathi pabu
22.	166E5A0112	Majji Vasudeva Rao	IV/Civil	L'VSR Maheswan
23.	166E5A0113	Majji Vuha	IV/Civil	M. Vasudevarao
24.	166E5A0114	Mogasala Asha	IV/Civil	A .
25.	166E5A0115	Pedapalli Lakshmi Prasad	IV/Civil	M. ASho P. lakshui: Prasad



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23rd July 2018

PROGRAM REPORT

Name of the Event

: A Two Week certificate program on Auto Cad

Date

: 09-07-2018 to 21-07-2018

Resource Person

: Mr.I.Santhosh Kumar

Asst Professor,
Department Civil,

GIITS

Mobile: 9985047880

Program coordinator

: M.Kedeswari Asst Professor,

Department Civil,

GIITS

Number of Students attended

: 25

Venue

: CP Lab

Department of Civil Conducted a certificate program on "Auto Cad" for CIVIL students by the resource person was **Mr.I.Santhosh Kumar**, Assistant Professor, from GIITS for II & III & IV Year CIVIL students from 09-07-2018 to 21-07-2018.

Students learnt about 3D modelling and animation. The student will be able to draw projections of solids how to know the hidden details of machine components with the help of sections and interpenetrations of solids. Auto CAD to draw the geometric entities and to create 2D and 3D wire frame models. Total 25 students participated in this certificate program and understood the following objectives and learning outcomes.

Objectives:

- To enhance the student's knowledge and skills in engineering drawing and to introduce drafting packages and commands for computer aided drawing and modelling.
- The knowledge of projections of solids is essential in 3D modelling and animation. The student will be able to draw projections of solids. The objective is to enhance the skills they already acquired in their earlier course in drawing of projection.
- The knowledge of sections of solids and development of surfaces is required in designing and manufacturing of the objects. Whenever two or more solids combine, a definite curve is seen at their intersection.

- The intersection of solids also plays an important role in designing and manufacturing. The objective is to impart this knowledge through this topic. A perspective view provides a realistic 3D View of an object. The objective is to make the students learn the methods of ISO and Perspective views.
- The objective is to introduce various commands in AutoCAD to draw the geometric entities and to create 2D and 3D wire frame models.

Learning Outcomes:

- Students get exposed on working of sheet metal with help of development of surfaces.
- Student understands how to know the hidden details of machine components with the help of sections and interpenetrations of solids.
- Student shall be exposed to modelling commands for generating 2D and 3D objects using computer aided drafting tools which are useful to create machine elements for computer aided analysis.

The students found this course to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the program successful

Program Coordinator

, Rederwari

Head of The Department



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2nd July 2018

CIRCULAR

It is hereby informed to all CSE II & III & IV Yr B.Tech students that department of CSE is conducting A Two Week Certificate Programme on "Quantum Computing" from 16-07-2018 to 28-07-2018. All the students shall give their names to coordinator mentioned below on or before 14-07-2018. Hence, all the registered students are here by informed to attend the classes without fail.

Venue

: IoT Lab

Coordinator: Mr.V.Satyanarayana Murty

Assistant Professor,

Dept of CSE

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AY: 2018-2019

COURSE SCHEDULE

Course Layout:

S.No	Date	Topics to be covered
1.	16-07-2018	Introduction to Quantum Computing
2.	17-07-2018	Quantum Gates and Circuits
3.	18-07-2018	Quantum Algorithms: Grover's Algorithm
4.	19-07-2018	Quantum Algorithms: Shor's Algorithm
5.	20-07-2018	Quantum Error Correction
6.	21-07-2018	Quantum Entanglement and Teleportation
7.	23-07-2018	Quantum Simulation
8.	24-07-2018	Quantum Communication
9.	25-07-2018	Quantum Machine Learning
10.	26-07-2018	Quantum Cryptography
11.	27-07-2018	Quantum Annealing and Adiabatic Quantum Computing
12.	28-07-2018	Quantum Future and Open Problems

Summary:

Duration

: 2 Weeks

Start Date

: 16-07-2018

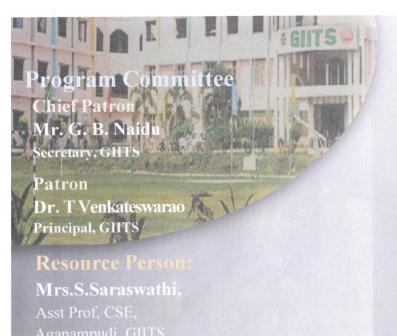
End Date

: 28-07-2018

Registration End Date: 14-07-2018

V. Sattyummorayana musthy Program Coordinator

Head of the Department



Convener

Mrs.S.Saraswathi,

Asst Prof, CSE

Coordinator

Mr.V Satyanarayana Murthy

Asst Prof, CSE, GIITS

Organizing Committee

Smt Shaik Rayiza,

Asst Prof, CSE, GIITS

Smt G Rekha,

Asst Prof, CSE, GIITS

Address for Communication

Mr P Charan

Asst Prof, CSE, GIITS

Registration Form

SIGNATURE

A TWO WEEK CERTIFICATE PROGRAMME ON

Quantum Computing

(16-07-2018 to 28-07-2018)



Organized By:

Department of

Computer Science Engineering

GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

(Approved by AICTE & Affiliated to JNTUK, Kakinada, Gonnavanipalem, visakhapatanam-530053, A.P.-INDIA)

About college
The Gonna Institute of Information
(CHTS) Technology and Sciences (GIITS), a pioneering educational organization, was established in 2009 under the direction of Sri. G. B. Naidu (Late), with the aim of giving students access to high-quality education and the requisite infrastructure. It is located in Visakhapatnam, which is one of the cities in Andhra Pradesh with the fastest population increase. The college, with its multicultural and active community of over 1000 students, provides a variety of courses in the Engineering stream, including graduate-level courses in CIVIL, EEE, MECH, ECE, and CSE as well as MBA and M. Tech at the postgraduate level. Since its inception, the organization has worked tirelessly to support the development of great managers, technocrats, and professionals from all over the world in order to give the Indian industry access to cutting-edge information and awareness. The Institute is endowed with informed teachers who are highly qualified, as well as cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking, and personal growth in order to challenge its students and give them the information, understanding, attitudes, and practical experiences they need to assume social duties.

Courses offered

The institution, with its diverse and dynamic community offers various courses in the Engineering stream like EEE, ECE, CSE, MECH, CIVIL at the Graduate level and MBA and M. Tech at the post graduate level. Since its inception, the institution has been contributing to its fullest in producing global technocrats. to equip the Indian industry cutting-edge expertise and awareness. The Institute is bestowed with qualified and experienced faculty and state of the art Infrastructure.

About the department:

A Computer Science and Engineering (CSE) department offering academic programs, research opportunities, and resources in the field of computer science and engineering. It typically provides a curriculum covering a broad range of computer-related topics, employs a diverse faculty engaged in research and teaching, and collaborates with industry partners to facilitate departments often house laboratories, support student organizations, and promote diversity and inclusion in technology fields. They play a crucia role in educating future technology professionals advancing research, and fostering innovation in computer science and engineering.

Objectives of the program

- Understanding quantum principles and phenomena
- Mastering quantum gates and circuits
- Exploring quantum algorithms and applications
- Grasping quantum error correction techniques
- Analyzing quantum communication and cryptography

Outcomes of the program

- Understanding quantum computing fundamentals.
- Solving complex problems with qubits.
- Quantum algorith development proficiency
- Quantum hardware and software comprehension
- uantum computing's rea world applications



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Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

AY: 2018-2019

Name of Program: A Two Week Certificate Programme on "Quantum Computing"

Date

: 16-07-2018 to 28-07-2018.

STUDENTS ENROLLED LIST

S.NO	Reg.No	Name of Student	Year/Branch	Signature
1	176E1A0501	Doni Vivek	II/CSE	D. 12 vek,
2	176E1A0502	Gurram Charishma	II/CSE	6. Charishuce
3	176E1A0503	Muggulla Narendra Kumar	II/CSE	M. Nagendra kun
4	176E1A0504	Nagi Reddy Yamuna	II/CSE	A. Reddy Yemes
5	176E1A0505	Pinninti Sowmya	II/CSE	P. Sowmen.
6	176E1A0506	Sammidi Sai	II/CSE	5. Sai
7	176E1A0508	Tirumareddy Sravani	II/CSE	T. Stavan
8	176E1A0509	Veerina Prasanthi	II/CSE	V. prascinthi
9	176E1A0510	Yanala Ramya	II/CSE	y Ramya.
10	166E1A0501	Adatra Kavya	III/CSE	A. Kaiya
11	166E1A0502	Boddapati Durga Bhavani	III/CSE	dough blumi
12	166E1A0503	Bommidi Jaswanth Sai	III/CSE	15 Busenth Co
13	166E1A0504	Chadaram Jayaram Bhanu	III/CSE	Otto de la
14	166E1A0506	Guntapalli Brahmaji	III/CSE	Q (3)
15	166E1A0507	Karanam Kranthikumar	III/CSE	V. Jahannot?
16	166E1A0508	Kommanapalli Lohitha	III/CSE	K. Lohi tho
17	166E1A0509	Konathala Murali	III/CSE	k. murali
18	166E1A0510	Marisetti Sai Lakshmi	III/CSE	
19	166E1A0511	Yerra Pushpa	III/CSE	M. Sai Lakrohm
20	166E1A0512	Padala Asha Jyothi	III/CSE	p. Asha TYCKE
21	166E1A0514	Piradi Saritha	III/CSE	DSazitha
22	166E1A0515	Rekha Sanjuktha	III/CSE	Re Saujuthing
23	166E1A0516	Shaik Fateh Ali	III/CSE	S. Fatch NE
24	166E1A0517	Vanapalli Jhansi	III/CSE	V. Thansi
25	166E1A0518	Varanasi Lohitharani	III/CSE	v. Lohithastan
26	156E1A0501	Koneti Siva Sai Gangadhar	IV/CSE	K. Sivasai gangadha
27	156E1A0502	Korchipati Manoj Kumar	IV/CSE	K. Ganzadhar
28	156E1A0504	Miriyam Jaya Krishna	IV/CSE	m. Jaya trinno
29	156E1A0505	Nagulapalli Vandana	IV/CSE	N. Vandana
30	156E1A0506	Terli Nagabhushana	IV/CSE	T. Nagabhushana
31	156E1A0507	Sarika Sandhya	IV/CSE	1. Nagabhushana
32	166E5A0501	Kattamuri Arun Kumar	IV/CSE	K Asuall
. 33	166E5A0502	Ponnaganti Lavanya	IV/CSE	K. Arunkuman
34	152Z1A0503	P. Sireesha	IV/CSE	P. Laiburga
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U.S.N. Musty Program Coordinator



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

30th July 2018

PROGRAM REPORT

Name of the Event

: A Two Week Certificate Programme on Quantum

Computing.

Date

: 16-07-2018 to 28-07-2018

Resource Person

: Smt.S.Saraswathi
Asst Professor.

Dept of CSE,

GIITS

Mobile: 7780231796

Program coordinator

: Mr.V.Satyanarayana Murty

Asst Professor, Dept of CSE,

GIITS

Number of Students attended: 35

Venue

: IoT Lab

Department of CSE organized a certificate programme on Quantum Computing for which the resource person was **Smt.S.Saraswathi**, Assistant professor from GIITS, for II &III& IV year B.Tech students from 16-07-2018 to 28-07-2018.

Totally 35 students participated in this training program and after completing the program they understood the following objectives and learning outcomes.

Course Objectives:

- Understanding quantum principles and phenomena
- Mastering quantum gates and circuits
- Exploring quantum algorithms and applications
- Grasping quantum error correction techniques
- Analyzing quantum communication and cryptography

Learning Outcomes:

- Proficient in quantum computing.
- Able to design quantum algorithms.
- Competent in quantum programming.
- Knowledgeable in quantum error correction.
- Familiar with quantum communication protocols

The students found this course to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the program successful.

Program Coordinator

Head of the Department



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam- 530 053

22nd August 2018

CIRCULAR

It is hereby inform to all EEE II & III & IV Yr B.Tech students that department of EEE is organizing A Two Week Certificate Program on "Fundamentals of Substation Power Systems" from 03-09-2018 to 15-09-2018. All the students shall give their names to coordinator mentioned below on or before 30-08-2018. Hence, the registered students shouldattend the classes without fail.

Venue

: Seminar Hall

Coordinator: Mr.Bhanu Nagi Reddy

Assistant Professor,

Dept of EEE

PRINCIPAL

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GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES (Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA)

Gonnavanipalem, Aganampudi, Visakhapatnam – 530053.

AY: 2018-2019

COURSE SCHEDULE

Course Layout:

S.No	Date	Topics To Be Covered
1.	03-09-2018	Introduction To Power Systems Electrical Fundamentals
2.	04-09-2018	Substation Components and Equipment Substation Design and Layout
3.	05-09-2018	Substation Automation and Control
4.	06-09-2018	Substation Protection and Control
5.	07-09-2018	Power System Analysis
6.	08-09-2018	Maintenance and Testing
7.	10-09-2018	Emerging Technologies
8.	11-09-2018	Case Studies and Practical Applications
9.	12-09-2018	Electrical Safety
10.	13-09-2018	Substation Equipment
11.	14-09-2018	Substation Design
12.	15-09-2018	Principal Related to The Design.

Summary:

Duration

: 2 Weeks

Start Date

: 03-09-2018

End Date

: 15-09-2018

The Registration End Date: 30-08-2018

Program Coordinator

Head of The Department

ABOUT THE COLLEGE:

The Gonna Institute of Information Technology and Sciences (GIITS), a pioneering educational organization, was established in 2009 under the direction of Sri. G.B. Naidu, to give students access to high-quality education and the requisite infrastructure. It is located in Visakhapatnam, which is one of the cities in Andhra Pradesh with the fastest population growth. The college, with its multicultural and active community of over 1000 students, provides a variety of courses in the Engineering stream, including graduate-level courses in Civil, EEE, MECH, ECE, and CSE, as well as MBA and MTech at the postgraduate level. Since its inception, the organization has worked tirelessly to support the development of great managers, technocrats, and professionals from all over the world to give the Indian industry access to cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking, and personal growth to challenge its students and give them the information, understanding, attitudes, and practical experiences they need to assume social duties. Labs are established with standard equipment as per AICTE and JNTUK norms to meet the requirements of the present curriculum. The campus is Wi-Fi-enabled.

ABOUT THE DEPARTMENT:

The Department of Electrical and Electronics Engineering at GIITS has been active in teaching and research since its inception in 2009. Currently about 20 committed faculty members are working in the department. The department offers a wide range of lab courses to cover various aspects of EEE, including Power Systems, Energy Control Systems and Automation, Instrumentation and Measurements, Electrical Machines and Drives, VLSI and Embedded Systems. These lab courses are designed to provide students with hands-on experience in circuit design, simulation, analysis, Equipment Operation and Control and Circuit Building and Testing.

Overall, the hands-on experience gained in EEE department labs allows students to bridge the gap between theory and practice. Moreover, the EEE department regularly organizes workshops, seminars, and training programs updated with the latest trends and advancements in the field.

A Two Week Certificate Program On

"FUNDAMENTALS OF SUBSTATION POWER SYTEMS"

03rd September 2018 to 15th September 2018



Organized by
Department of Electrical and Electronics

Engineering

GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

Approved by AICTE & Affiliated to JNTUK, KAKINADA, 85 Division, Gonnavanipalem, Aganampudi-530 053, A.P-INDIA

OBJECTIVES:

- Substation Functionality
- Knowledge of Substation Components
- Comprehending Power Transformers
- Appreciation of Switch gear and Circuit Breakers
- Design and Layout Understanding
- Awareness of Protection Systems
- Safety and Maintenance Protocols
- Introduction to Substation Automation
- Substation Types

OUTCOMES:

- Effective Communication
- Problem-Solving and Analytical Skills
- Consideration of Environmental Impact
- Appreciation for Renewable Energy Integration
- Understanding of Smart Grid Integration
- Awareness of Substation Types
- Introduction to Substation Automation

REGISTRATION FORM

Name:			
Roll No:			••
Date of Birth:			
Branch:			
Institution:			
Address for con	nmunication	n	
Mobile:			
Email:			
		As	Signature
	Important I	Dates:	
Program Dates	: 03rd -15th Sept	tember 2018.	

Last Date for Registration Fee

30th August 2018

PROGRAM COMMITTEE

Chief Patron

Shri. G. B Naidu Secretary, GIITS

Patron

Dr.T.Venkateswara Rao
Principal, GIITS

Convenor

Mr.A.Satyanarayana

Asst Professor
Dept of EEE,
GIITS
Mobile No:7731874931

Coordinator

Mr.Bhanu Nagi Reddy

Dept of EEE,

GHTS

Address for Communication

Mr.Bhanu Nagi Reddy

Asst.Prof, EEE, GIITS.
Email: nagireddy@gmail.com
Contact Number :9652663799.



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053.

AY: 2018-2019

Name of Program : A Two Week Certificate Program on "Fundamentals of Substation

Power Systems"

Date

: 03-09-2018 to 15-09-2018.

STUDENTS ENROLLED LIST

S.No	Reg.No	Name of Chadant	X7 /70 -	
1.		Name of Student	Year/Branch	Signature
2.	186E5A0201 186E5A0202	Arasada Swetha	II/EEE	A. Scoetha
3.	186E5A0202	Dumpa Ravi Srinivas	II/EEE	D. Rair Srinivas
4.	186E5A0204	Mopada Maheswari Pothala Vasudha	II/EEE	M·ma heswari
5.	186E5A0205	Tirri Jayakrishna	II/EEE	P. Vasciolha
6.	186E5A0206	Y Pavan Surendra	- II/EEE II/EEE	T. Jayakrishna
7.	186E5A0207	Yandra Yuva Satya Kishore	II/EEE II/EEE	Y. paran sevendra
8.	186E5A0208	Jerripothula Pavan Kumar	II/EEE II/EEE	Y. Yuva satya kisto
9.	186E5A0209	Maddala Bharath Kumar		J. pavan kemon
10.	186E5A0210	Seeramsetti Srinivas	II/EEE	M. Bhorath Kur
11.	186E5A0211	Gurram Venkatesh	II/EEE	5 STEFFER
12.	186E5A0211	Allada Santosh Kumar	II/EEE II/EEE	G. Venkatesh
13.	176E5A0201	Akkireddy Balaji	III/EEE	A Santosh Kumar
14.	176E5A0202	Akkireddy Venkatesh	III/EEE	A. Venzase
15.	176E5A0203	Bhanu Venkata Vinay Karri	III/EEE	K.B. V. Vinay
16.	176E5A0204	Boddi Mani Kanta	III/EEE	B. Main kanta
17.	176E5A0205	Dourla Udaya Lakshmi	III/EEE	
18.	176E5A0206	Eresu Sai Venkata Apparao	III/EEE	E-S-V-Apparao
19.	176E5A0207	Gorli Anand	III/EEE	G. Arand
20.	176E5A0208	K Sai Teja	III/EEE	K, Sai TeJa
21.	176E5A0209	Kandikuppa Sai Surya	III/EEE	K. S. Susupa
22.	176E5A0210	Kavali Harish	III/EEE	K. Harin
23.	176E5A0211	Kola Sai Sree	III/EEE	K.S. Some
24.	176E5A0212	Konathala Manibala	III/EEE	17
25.	176E5A0213	Lakkoju Phaneendra	III/EEE	KoManibala
26.	176E5A0214	M Poorna Chandra Rao	III/EEE	M.P. Cheurch Ran
27.	176E5A0215	Maturi Madhava Rao	III/EEE	W. M. Paal
28.	176E5A0216	Palisetty Pavan Sai	III/EEE	p.P.Sai
29.	176E5A0217	Pandi Ramesh	III/EEE	0
30.	176E5A0218	Penumatsa Venkatesh	III/EEE	P. venkatesh
31.	176E5A0219	Ponnuru Satya Vara Prasad	III/EEE	
32.	176E5A0220	Rasala Mastanamma	III/EEE	P. S. Vara pensad
33.	176E5A0221	Rudraraju Hemanth Kumar	III/EEE	R. Maytarama
34.	176E5A0222	Konatala Vinod Kumar	III/EEE	R. Hemants
J 1.	17013110222	Tenatala villou Kulliai	III/EEE	K. Urnod

35.	176E5A0223	Y. Venkata Swati Poornima	III/EEE	y Vunkata Swati
36.		Pepakayala Veera Kanaka	III/EEE	O Postrima
50.	176E5A0224	Raju	III/EEE	P.V.K Raju
37.	176E5A0225	Dasireddy Madhu	III/EEE	DiMadhr.
38.	176E5A0226	Nammi Adithya Durga Prasad	III/EEE	A 1 1
39.	166E5A0201	Adigarla Ramudu	IV/EEE	A. Ramudu
40.	166E5A0202	Akula Srinivasa Rao	IV/EEE	A- Stinivas Re
41.	166E5A0203	Anga Arun Kumar	IV/EEE	A. Arun Kenner
42.	166E5A0205	Bonti Manikanta Sai Srinivas	IV/EEE	B. manikart Eais
43.	166E5A0206	Botta Krishna Kumar	IV/EEE	b Kruha kmar
44.	166E5A0207	C.Gowri Shanker Pavan Prasad	IV/EEE	C. Gowishaker
45.	166E5A0208	Chevveti Raju	IV/EEE	Ch. Raju
46.	166E5A0210	Dulam Shyam Sai	IV/EEE	D. Shyan Sai
47.	166E5A0211	Ichapuram Pradeep Kumar	IV/EEE	
48.	166E5A0212	Kayala Srinivasa Rao	IV/EEE	K. szinivasavan
49.	166E5A0213	Koilada Ravindhra	IV/EEE	1 Payington
50.	166E5A0214	Kundiri Suresh	IV/EEE	K. Swesh
51.	166E5A0217	Pasupuleti Janardhanarao	IV/EEE	P. Jansharas
52.	166E5A0218	Pilli Jaya Siva Satya Kumar	IV/EEE	
53.	166E5A0219	Ponnada Govind	IV/EEE	P. Govina
54.	166E5A0223	Somireddi Karthik Manikanta	IV/EEE	S. Kasty
55.	166E5A0226	Gorrupotu Rajesh	IV/EEE	a racsh
56.	166E5A0227	Bandakavi Santoshkumar	IV/EEE	B san May Muran
57.	166E5A0228	Vyboina Venkateswararao	IV/EEE	V. Vencatesh.
58.	166E5A0230	Yelamsetti Vasu	IV/EEE	y Variation.
59.	166E5A0231	Padala Venkata Ramakrishna	IV/EEE	P. Ventata Parens
60.	156E5A0238	C.Gunna Raju	IV/EEE	C. Guma Roi
61.	152Z1A0201	P. Anitha	IV/EEE	P. Initha
62.	152Z1A0202	B. Rajendra	IV/EEE	B. Rajendra
63.	152Z1A0203	Yavvari Siva Prasad	IV/EEE	V. Siva
64.	152Z1A0204	B. Venkatesh Naidu	IV/EEE	B. Senuctesh
65.	152Z1A0206	M. Priyanka	IV/EEE	M. Touyank
66.	152Z1A0207	A. Drakshayani	IV/EEE	A+ Orakshayni
67.	152Z1A0208	Medisetti Anilkumar	IV/EEE	M. Anil.
68.	152Z1A0209	A.L.N. Murthy	IV/EEE	A LN MURTHY
69.	152Z1A0210	T. Vijay	IV/EEE	T. Vijay
70.	152Z1A0211	N. Gasi Ram	IV/EEE	N. Gasilon



Program Coordinator



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17th September 2018

PROGRAM REPORT

Name of The Event

: A Two Week Certificate Program on "Fundamentals of

Substation Power Systems".

Date

: 03-09-2018 to 15-09-2018.

Resource Person

: Mr. A. Satyanarayana Assistant Professor,

Dept of EEE,

GIITS,

Mobile: 7731874931.

Program Coordinator

: Mr. Bhanu Nagi Reddy Assistant Professor,

Dept of EEE,

GIITS.

Number of Students attended: 70

Venue

: Seminar Hall.

Department of EEE conducting a certificate program on "Fundamentals of Substation Power Systems", for which the resource person was Mr.A.Satyanarayana, Assistant professor from GIITS, II & III & IV Yr B. Tech EEE students from 03-09-2018 to 15-09-2018.

Students learnt about Substation Power Engineering Fundamentals equips with the foundational knowledge required to work in the field of power systems engineering, particularly in the design, maintenance, and operation of electrical substations. It also provides a solid basis for further specialization in areas like power system protection, automation, and renewable energy integration. Total of 70 students participated in this certificate program and understood the following objectives and learning outcomes.

Course Objectives:

- Understanding Substation Functionality
- Knowledge of Substation Components
- Comprehending Power Transformers
- Appreciation of Switchgear and Circuit Breakers
- Design and Layout Understanding
- Awareness of Protection Systems
- Safety and Maintenance Protocols

- Introduction to Substation Automation
- Understanding Substation Types

Learning Outcomes:

- Effective Communication
- Problem-Solving and Analytical Skills
- Consideration of Environmental Impact
- Appreciation for Renewable Energy Integration
- Understanding of Smart Grid Integration
- Awareness of Substation Types
- Introduction to Substation Automation

The students found this course to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the program successful.

Program Coordinator

Head of The Department



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam - 530 053

03rd September 2018

CIRCULAR

It is hereby informed to all I Yr & II Yr M.Tech students that department of ECE is conducting A Two Week Certificate Programme on "Signal Processing Using MATLAB" from 17-09-2018 to 29-09-2018. All the students shall give their names to coordinator mentioned below on or before 14-09-2018. Hence, all the registered students are here by informed to attend the classes without fail.

Venue

: Simulation Lab

Coordinator: Ms.Ch. Alekhya

Assistant Professor,

Dept of ECE

PRINCIPAL

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All Staff Members- for circulation

Signature of All HODs						TPO	AO	Library
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Gonnavanipalem, Aganampudi, Visakhapatnam - 530 053

AY: 2018-2019

COURSE SCHEDULE

Course Layout:

S.NO	DATE	TOPICS TO BE COVERED
1.	17-09-2018	Course overview and Command
2.	18-09-2018	MATLAB Desktop and Editor
3.	19-09-2018	Vector and Matrix
4.	20-09-2018	Indexing into and modifying arrays
5.	21-09-2018	Array Calculations and Calling Function
6.	22-09-2018	Obtaining Help
7.	24-09-2018	Plotting Data
8.	25-09-2018	Logical arrays
9.	26-09-2018	Introducing Signal Processing Tool Box
10.	27-09-2018	Introducing Image Processing Tool Box
11.	28-09-2018	Programming
12.	29-09-2018	Queries

Summary:

Duration

: 2 Weeks

Start Date

: 17-09-2018`

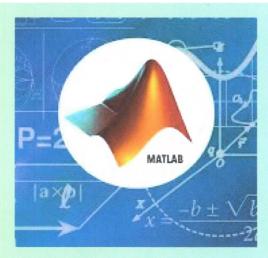
End Date

: 29-09-2018

Registration End Date: 14-09-2018

Program Coordinator

Head of the Department



Course Objectives

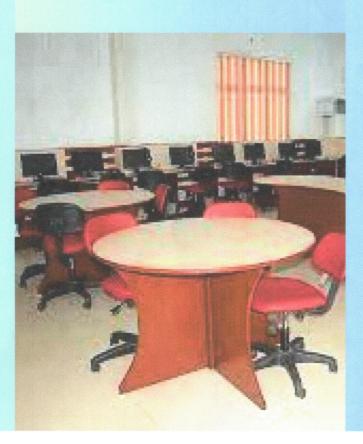
- Understand the basic data operations in MATLAB
- Provide Knowledge on built in commands
- Develop the skill required to handle large amounts of data
- Make the student handling real time sensor data

Course Outcomes

- Generate and manipulate data as per requirement
- Develop real time projects using MATLAB
- · Handle Matrix operations
- basic knowledge on C-Programming
- A Computer with an Internet Connection

Course Contents

- Signal Generation
- Signal Visualization
- Fourier Transform & Spectrum Analysis
- Filtering
- Audio Processing
- Speech Processing
- Date Analysis
- Image Processing





GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES

A TWO WEEK CERTIFICATE PROGRAM
ON
SIGNAL PROCESSING USING MATLAB
17-29 September 2018

Organized by Dept of ECE

REGISTRATION FORM

Name :	
Mobile:	

Signature

About The Program

Signal processing is a field of study that with the analysis, modification, and synthesis of signals. MATLAB is a popular programming language and environment that is widely used for signal processing tasks due to its extensive set of built-in functions and toolboxes



About The College

The Gonna Institute of Information Technology and Sciences (GIITS), a pioneering educational organization, was established in 2009 under the direction of Sri. G. B. Naidu, with the aim of giving students access to high-quality education and the requisite infrastructure. It is located in Visakhapatnam, which is one of the cities in Andhra Pradesh with the fastest population increase. The college, with its multicultural and active community of over 1000 students, provides a variety of courses in the Engineering stream, including graduate-level courses in CIVIL, EEE, MECH, ECE, and CSE as well as MBA and M. Tech at the postgraduate level.

The institute is endowed with informed teachers who are highly qualified, as well as cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking and personal growth in order to challenge its students and give them the information, understanding, attitudes and practical experiences they need to assume social duties.

About The Department

The Electronics and Communication Engineering (ECE) department was established in the year 2009. The department offers Undergraduate (UG), Post Graduate (PG), program that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering. Post graduation focuses on future prospective of VLSI Technologies

The department has mission to educate the students with the state of art technologies to meet the growing challenges of the industry, to carry out research through constant interaction with research organizations and industry, and to equip the students with strong foundations to enable them for continuing education, the vision is to excel in education in Electronics and Communication Engineering



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Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

AY: 2018-2019

Name of Program: A Two Week Certificate Programme on "Signal Processing Using

MATLAB"

Date

: 17-09-2018 to 29-09-2018.

STUDENTS ENROLLED LIST

S.No	Reg.No	Name of Student	Year/Branch	Signature
1.	186E1D4301	G N P Kaladhar	I YR/MTECH-PE	G. N. Pladdhar
2.	186E1D4302	Gurram Nanda Kumar	I YR/MTECH-PE	G. Nanda kumar
3.	186E1D4303	K.S S L S Madhavi	I YR/MTECH-PE	Madhani
4.	186E1D4304	Karri Srinivas	I YR/MTECH-PE	K. Srinivas
5.	186E1D4305	Salapu Gandhi	I YR/MTECH-PE	Salapu Grandhi
6.	186E1D4306	Vuruviti Suresh	I YR/MTECH-PE	V. Sweet
7.	186E1D6101	Anakapalli Kiran	I YR/MTECH-VLSI- SD	A. Kigger.
8.	186E1D6102	Bandaru Monica Divya	I YR/MTECH-VLSI- SD	B.N. Dovya
9.	186E1D6103	Bonugu Pavan Kumar	I YR/MTECH-VLSI- SD	B. pavan kunga
10.	186E1D6104	Chandrasekhar Sarakapu	I YR/MTECH-VLSI- SD	S. Chandra Sekhat Z
11.	186E1D6105	Gottumukkala Sairamraju	I YR/MTECH-VLSI- SD	On Sai vrenaja
12.	186E1D6106	Nanepalli Lavanya	I YR/MTECH-VLSI- SD	N. Lavanya
13.	186E1D6107	Onteddu Prasad	I YR/MTECH-VLSI- SD	O Perond
14.	186E1D6108	P.Naga Venkata Syam Sundar	I YR/MTECH-VLSI- SD	Sunday
15.	186E1D6109	Pediredla China Rayudu	I YR/MTECH-VLSI- SD	P. china Rayadu
16.	186E1D6110	Singampalli Yerri Naidu	I YR/MTECH-VLSI- SD	S.y. Maidu
17.	186E1D6111	Thota Mounika	I YR/MTECH-VLSI- SD	Thota mounika
18.	186E1D6112	Urigiti Gangaraju	I YR/MTECH-VLSI- SD	a. gangaraya
19.	186E1D5801	Pandiri Hanuman Kumar	I YR/MTECH-CSE	P. Hanuman
20.	186E1D5802	Rupesh Konathala	I YR/MTECH-CSE	E Reiperh.
21.	186E1D5803	S Joga Muthyalanaidu	I YR/MTECH-CSE	S. niestellyellina
22.	186E1D5804	Salapu Srinivas	I YR/MTECH-CSE	S. Srinivas
23.	186E1D5805	Tripurana Prasanna	I YR/MTECH-CSE	T. Prosamo

		Venkatesh		Venlatishi.
24.	186E1D5806	Karunakar Pabbireddy	I YR/MTECH-CSE	le Passicreday
25.	176E1D4301	Botta Kishan Dinesh	. II YR/MTECH-PE	D. Kishan Diro
26.	176E1D4302	Kagi Naga Deva Raju	II YR/MTECH-PE	1
27.	176E1D4303	Rongali Maha Lakshmi	II YR/MTECH-PE	
28.	176E1D4304	Tokuru Murali Krishna	II YR/MTECH-PE	R. Maha lokshmi
29.	176E1D4305	Karanam Praveen Kumar	II YR/MTECH-PE	T. Mwali knishna
30.	4.7.67.47.64.44		II YR/MTECH-VLSI-	10 - premen levencos
	176E1D6101	Gubbala Siva Krishna	SD	Cr. Sivakuishva
31.				0(3 -
	176E1D6102	Koviri Demudu	II YR/MTECH-VLSI-	kovidi pemdu
32.			II VP/MTECH VI CI	1001011 10 011100
32.	176E1D6103	Malla Girichandra	II YR/MTECH-VLSI-	m-giorichardro
33.			SD	The ground seem
33.	176E1D6104	M J M Pavankumar	II YR/MTECH-VLSI-	Rallan Kumar
2.4			SD	Test est estimate
34.	176E1D6105	Saragadam Santosh	II YR/MTECH-VLSI-	S. Santosh
		Kumar	SD	tumar
35.	176E1D5801	Dadi Hema Suguna	IIYR/MTECH-CSE	D. Hemasugura
36.	176E1D5802	Gopi Srinivasu	IIYR/MTECH-CSE	Gr. Svinivasu
37.	176E1D5803	Kommisetty Jaswanth Raj	IIYR/MTECH-CSE	1c. Jaswant Raj
38.	176E1D5804	Kona Rupavathi	IIYR/MTECH-CSE	c. Resperathi
39.	176E1D5805	Koyilada Hema Naga Sai	IIYR/MTECH-CSE	1c H. Nagusai
40.	176E1D5806	Ujjuri Lavanya	IIYR/MTECH-CSE	12 Particular
		VV		U. Lavaup

Ch. Alekhya Program Coordinator



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

01st October 2018

PROGRAM REPORT

Name of the Event

: A Two Week Certificate Programme on Signal Processing

Using MATLAB

Date

: 17-09-2018 to 29-09-2018

Resource Person

: Smt.K. Vani

Assistant Professor,

Dept of ECE,

GIITS

Mobile: 8309350995

Programme coordinator

: Ms. Ch. Alekhya

Assistant Professor,

Dept of ECE,

GIITS

Number of Students attended: 40

Venue

: Simulation Lab

Department of ECE organized a certificate programme on Signal Processing Using MATLAB for which the resource person was **Smt.K.Vani**, Assistant professor from GIITS, for I &II year M.Tech students from 17-09-2018 to 29-09-2018.

Students are instructed to learn the basics of MATLAB in this course. However, they need to learn some advanced topics for working on real time applications. The course covers content required to develop basic projects on MATLAB, in signal processing domain. Totally 40 students were participated in this training program and after the completion of the program they understood the following objectives and learning outcomes.

Course Objectives:

- Understand the basic data operations in MATLAB
- Provide Knowledge on built in commands
- Develop the skill required to handle large amounts of data
- Make the student handling real time sensor data

Learning Outcomes:

- Handle Matrix Operations
- Generate and manipulate data as per the requirement
- Develop real time projects using MATLAB
- Basic Knowledge on C-Programming
- A Computer with an Internet Connection

The students found this course to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the program successful.

Program Coordinator

Head of the Department



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam - 530 053

01st February 2019

CIRCULAR

It is hereby informed to all II & III & IV Year B.Tech students that Department of Mechanical is conducting A Two Week Certification program on "Advanced Fluid Mechanics and Aerodynamics" from 11-02-2019 to 23-02-2019. All the interested students shall give their names to coordinator mentioned below on or before 07-02-2019. Hence, all the registered students are here by informed to attend the classes without fail.

Venue

: Workshop Lab Coordinator: Mr P. Prasad

> Assistant Professor, Mechanical Engineering.

Copy to: All Staff Members - For Circulation All Notice Boards

Signature of All HODs					TPO	AO	LIBRARY	
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AY: 2018-2019

COURSE SCHEDULE

Course Layout:

S.No	Date	Topics to be Covered
1	11/02/2019	Advanced Fluid Flow Equations
2	12/02/2019	Boundary Layers and Viscous Flows
3	13/02/2019	Turbulence and Transition
4	14/02/2019	Aerodynamic Lift and Drag
5	15/02/2019	Computational Fluid Dynamics
6	16/02/2019	Wind Tunnel Testing
7	18/02/2019	Fluid-Structure Interaction
8	19/02/2019	Aeroacoustics
9	20/02/2019	Applications in Aerospace and Engineering
10	21/02/2019	Computational Simulation
11	22/02/2019	CFD Simulation
12	23/02/2019	Wind Tunnel Experiments

Summary:

Duration

: 2 Weeks

Start Date

:11-02-2019

End Date

: 23-02-2019

The Registration End Date

: 07-02-2019

Program Coordinator

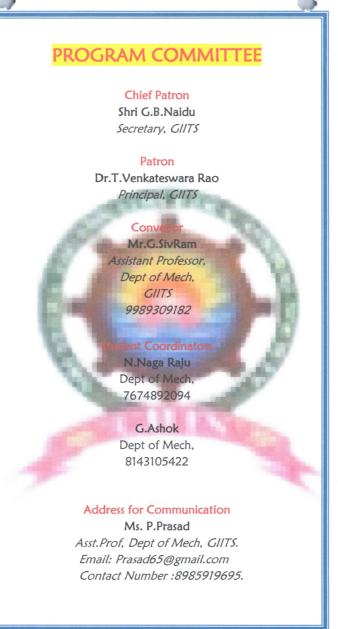
Head of the Department

ABOUT THE COLLEGE:

The Gonna Institute of Information Technology and Sciences (GIITS), a pioneering educational organization, was established in 2009 under the direction of Sri. G. B. Naidu, with the aim of giving students access to high-quality education and the requisite infrastructure. It is located in Visakhapatnam, which is one of the cities in Andhra Pradesh with the fastest population increase. The college, with its multicultural and active community of over 1000 students, provides a variety of courses in the Engineering stream, including graduate-level courses in CIVIL, EEE, MECH, ECE, and CSE as well as MBA and M. Tech at the postgraduate level. Since its inception, the organization has worked tirelessly to support the development of great managers. technocrats, and professionals from all over the world in order to give the Indian industry access to cutting-edge information and awareness. The Institute is endowed with informed teachers who are highly qualified, as well as cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking, and personal growth in order to challenge its students and give them the information, understanding, attitudes, and practical experiences they need to assume social duties.

ABOUT THE DEPARTMENT:

Mechanical Engineering is the most ancient branch of engineering, and still, its demand across the building engineers is soaring. It is also called the 'mother of all engineering courses' since it acts as a launch pad to various other of forms engineeringaerospace, automotive, manufacturing, aeronautics ,drilling, power generation and oil exploration. Aprat from its alied branches, its somewhat involved in unrelated like area nanotechnology, chemical, bio medical, etc.,



A Two Week Certificate Program On

"Advanced Fluid Mechanics and Aerodynamics"

11th to 23rd February 2019



Organized byDepartment of Mechanical Engineering

GONNA INSTITUTE OF INFORMATION TECHNOLOGY AND SCIENCES

Approved by AICTE & Affiliated to JNTUK, KAKINADA, 85 Division, Gonnavanipalem, Aganampudi-530 053, A.P-INDIA

OBJECTIVES:

- Understanding Aerodynamic Principals
- Analyzing Fluid Flow
- Utelizing Computational Fluid Dynamics
- Applying Elasticity Concepts
- Exploring turbo machinery

TOPICS TO BE COVERED:

The topics will be covered from these following major areas:

- Fundamentals of Fluid Mechanics
- Boundary layer Theory
- Computational Fluid Dynamics
- Turbomachinery
- Experimental techniques in Fluid
 Mechanics
- Research Trends in emerging topics

REGISTRATION FORM

Name:
Date of Birth:
Year:
Branch:
Institution:
Address for communication
Mobile:
Email:
STATE OF THE PARTY.
Signature
Important Dates:
➤ Program Dates: 11 th -23 rd February 2019

ABOUT PROGRAM

It is designed to provide in-depth knowledge and expertise in the field of fluid mechanics and aerodynamics, especially focusing on advanced theories, computational techniques, practical applications, and research opportunities.

The primary goal of the program is to equip students with advanced analytical, computational, and experimental skills related to fluid flow behavior, aerodynamic principles, and their applications in various engineering sectors, particularly in the aerospace industry



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GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES (Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA)
Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

AY: 2018-2019

Name of Program

: A Two Week Certification program on "Advanced Fluid

Mechanics and Aerodynamics".

Date

: 11-02-2019 to 23-02-2019

STUDENTS ENROLLED LIST

S.No	Reg.No	Name of Student	V/D	
1.	Reg.No	Name of Student	Year/Branch	Signature
	176E1A0302	Chinni Hemanth	II/MECH	Chinni Hemonth
2.	176E1A0304	K. Mahesh Sai Santosh Kumar	II/MECH	K. Mahesh sai Santon lumar
3.	176E1A0305	Karri Ajay	II/MECH	K. Ajay
4	176E1A0306	Lokavarapu Ayyappa	II/MECH	1. Ayyappa
5	176E1A0307	Nalla Nagaraju	II/MECH	N. Nagoraju
6	176E1A0309	Pitta Vijay	II/MECH	P. V. Jay
7	176E1A0310	Tirlangi Sricharan	II/MECH	T. Sricharan
8	176E1A0311	Venne Praveenkumar	II/MECH	J. Preen hemas
9	186E5A0301	Bheesetti Ganesh Apparao	II/MECH	Ganesh
10	186E5A0302	Bonda Venkatesh	II/MECH	12 venkatech
11 /	186E5A0303	Gedela Ashok	II/MECH	g. Ashoh.
12	186E5A0304	Geddada Ravi Varma	II/MECH	Gio Ravi Vagimon
13	186E5A0305	Karri Dinesh	II/MECH	K. Binesh
14	186E5A0306	Narapinni Varaprasad	II/MECH	N. Varaprayad
15	186E5A0307	Rugada Appalachari	II/MECH	Rappalach
16	186E5A0308	Seeramreddi Yugendra	II/MECH	S. Yugendra.
17	186E5A0309	Tirumalaraju Akhil Varma	II/MECH	T. Akhil Varme
18	186E5A0310	Tangi Pavan Kalyan	II/MECH	T Para la la
19	186E5A0311	Kanumreddy Manoj Kumar	II/MECH	K.Manoj
20	186E5A0312	Cheepurupalli Yonesh	II/MECH	c. Yonesh.
21	186E5A0313	Pedapalli Dinesh	II/MECH	P. Browsh

22	186E5A0314	Challa Bhaskar	II/MECH	C Bhaskaoi
23	186E5A0315	Mummana Hemanth Kumar	II/MECH	flemonth kumar
24	186E5A0316	Karri Hemanth	II/MECH	k. Hemanth
25	166E1A0301	Yagati Srihari	III/MECH	Od & others
26	166E1A0302	Cholagiri Surendra	III/MECH	Ch. sioundo
27	166E1A0304	Dooda Nooka Raju	III/MECH	D. Nooka Paju
28	166E1A0305	Karanam Chiranjeevi	III/MECH	V.diogariery
29	166E1A0307	Kurmarao Ugripalli	III/MECH	1. Kum non
30	166E1A0308	Maddala Sai Ganesh	III/MECH	Sachanol
31	166E1A0309	Malla Vinay	III/MECH	Viens
32	166E1A0311	Maradana Srinu	III/MECH	Police
33	166E1A0312	Medisetti V V Ravikiran	III/MECH	MRusking
34	166E1A0313	Musuluri Rajesh	III/MECH	Rojesh
35	166E1A0314	Pankaj Yadav	III/MECH	D. Youdan
36	166E1A0315	Pragada Srinu	III/MECH	Erinu.
37	166E1A0316	Rowtu Jaya Prakash	III/MECH	Docakes/
38	166E1A0317	Sambhana Murali	III/MECH	Sambharamouli
39	166E1A0318	Saragadam Mohan	III/MECH	S. Molion
40	166E1A0319	Seeram Pavan Kumar	III/MECH	S. Davan Kumar
41	166E1A0320	Vegi Jitendra Satya Surya Kiran	III/MECH	V. Tite So sukacan
42	176E5A0301	Anand Kumar Karze	III/MECH	Rayo
43	176E5A0302	Chadaram Dhanunjai	III/MECH	C. Changle
44	176E5A0303	Dogani Suryanarayana	III/MECH	D. Suryan aradan a
45	176E5A0304	Egala Gangaraju	III/MECH	E. Gongarafei
46	176E5A0305	Ettamsetti Suresh	III/MECH	E. Suresh
47	176E5A0306	Geddam Prabhu Deva	III/MECH	G1. Prabhy Deva
48	176E5A0307	Geesala Naresh Anand	III/MECH	Gr. varesh Aranch

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176E5A0319 Gorli Naveen Kumar	50		Gondesi Anand Reddy	III/MECH	17. Franch Cedaly
176E5A0311		176E5A0309	Gorli Naveen Kumar		C7. Navan Oumer
176E5A0311		176E5A0310	Gorli Suribabu	III/MECH	Galli Suai babu
176E5A0312	52	176E5A0311	Jami Leela Prasad	III/MECH	J. 1 e cla Drasat
176E5A0313 Kuncha Saisrinu	53	176E5A0312	Jerripothula Balu Bhargav	III/MECH	•
176E5A0314 M Srinivas M S	54	176E5A0313	Kuncha Saisrinu	III/MECH	28
176E5A0315 Manga Seshu	55	176E5A0314	M Srinivas	III/MECH	M. Színilas
176E5A0316 Maturu Vamsi Kumar M. V	56	176E5A0315	Manga Seshu	III/MECH	M. Rochu
176E5A0317 Muvvala Bhargav III/MECH M. Bagas III/MECH M. Bagas III/MECH M. Bagas III/MECH T. Naugen Kuman Kuman III/MECH M. Bagas III/MECH T. Naugen Kuman III/MECH M. Bagas M. Bagas III/MECH M. Bagas III/MECH M. Bagas M. Bagas III/MECH M. Bagas III/MECH M. Bagas III/MECH M. Bagas III/MECH M. Bagas M. Bagas M. Bagas III/MECH M. Bagas M. Baga	57	176E5A0316	Maturu Vamsi Kumar	III/MECH	M. Vanus leumen
176E5A0318 Janapareddy Naveen Kumar Janapareddy Naveen Janapa	58	176E5A0317	Muvvala Bhargav	III/MECH	
176E5A0319 Paila Tirumala III/MECH P. Traurala P. Volu	59	176E5A0318	Janapareddy Naveen Kumar	III/MECH	
176E5A0320 Palla Vasu III/MECH P. VOSU	60	176E5A0319	Paila Tirumala	III/MECH	
176E5A0321 Pervela Seshu Kumar P. Sahu Bumar P. Sahu B	61	176E5A0320	Palla Vasu	III/MECH	
176E5A0322 Pinisetti Chandra Sekhar III/MECH P. Chandra Sekhar III/MECH P. Chandra Sekhar III/MECH P. Sai kumo]	62	176E5A0321	Pervela Seshu Kumar	III/MECH	P-Seehu Qumo 7
176E5A0323 Polimera Sai Kumar III/MECH P. Sai Kumo 65	63	176E5A0322	Pinisetti Chandra Sekhar	III/MECH	
176E5A0324 Sanapala Lakshmi Kanth III/MECH S. larshmith III/MECH V. vinay kumar III/MECH Sueresh III/MECH Sueresh III/MECH Sueresh III/MECH Romain Romain Romain	64	176E5A0323	Polimera Sai Kumar	III/MECH	
176E5A0325 Sanivada Naidu 176E5A0325 Sanivada Naidu 176E5A0334 Vangalapudi Vinay Kumar 176E5A0334 Vangalapudi Vinay Kumar 176E5A0335 Vishal Yanda 176E5A0336 Viyyapu Praveen 170 176E5A0337 Yallapu Venkata Rao 171 176E5A0338 Gollavilli Suresh 172 176E5A0339 Karri Ramesh 173 176E5A0334 Vangalapudi Vinay Kumar 174 Vangalapudi Vinay Kumar 175 Vangalapudi Vinay Kumar 176 V. Wangalapudi Vinay Kumar	65	176E5A0324	Sanapala Lakshmi Kanth	III/MECH	
176E5A0334 Vangalapudi Vinay Kumar III/MECH V. Vinay kumar 176E5A0335 Vishal Yanda III/MECH V. Yanda 176E5A0336 Viyyapu Praveen III/MECH V. Yanda 170 176E5A0337 Yallapu Venkata Rao III/MECH V. Venkata Rao 171 176E5A0338 Gollavilli Suresh III/MECH Suresh 172 176E5A0339 Karri Ramesh III/MECH Konni Ramesh 173 176E5A0334 Vangalapudi Vinay Kumar III/MECH V. Whay kumar	66	176E5A0325	Sanivada Naidu	III/MECH	
176E5A0335 Vishal Yanda III/MECH V. Yanda 176E5A0336 Viyyapu Praveen III/MECH V. Parketa 170 176E5A0337 Yallapu Venkata Rao III/MECH Y. Venkata Rao 171 176E5A0338 Gollavilli Suresh III/MECH Sweeth 172 176E5A0339 Karri Ramesh III/MECH Konni Ramesh 173 176E5A0334 Vangalapudi Vinay Kumar III/MECH V. whey kun	67	176E5A0334	Vangalapudi Vinay Kumar	III/MECH	
176E5A0336 Viyyapu Praveen 170 176E5A0337 Yallapu Venkata Rao 171 176E5A0338 Gollavilli Suresh 172 176E5A0339 Karri Ramesh 173 176E5A0334 Vangalapudi Vinay Kumar 174 Venkata Rao III/MECH II	68	176E5A0335	Vishal Yanda	III/MECH	V. Yanda
71 176E5A0337 Yallapu Venkata Rao 71 176E5A0338 Gollavilli Suresh 72 176E5A0339 Karri Ramesh 73 176E5A0334 Vangalapudi Vinay Kumar 74 Werkata Rao 111/MECH 111/M	69	176E5A0336	Viyyapu Praveen	III/MECH	V. Pasteen
71 176E5A0338 Gollavilli Suresh III/MECH Suenesh 72 176E5A0339 Karri Ramesh III/MECH Konni Romesh 73 176E5A0334 Vangalapudi Vinay Kumar III/MECH V. Whay kun	70	176E5A0337	Yallapu Venkata Rao	III/MECH	4. Venkata Ras
72 176E5A0339 Karri Ramesh III/MECH KOJIJI Romesh 73 176E5A0334 Vangalapudi Vinay Kumar III/MECH V. Whey kun	71	176E5A0338	Gollavilli Suresh	III/MECH	
73 176E5A0334 Vangalapudi Vinay Kumar III/MECH V. Whey buy	72	176E5A0339	Karri Ramesh	III/MECH	
74	73	176E5A0334	Vangalapudi Vinay Kumar	III/MECH	
75 156E1A0303 Kotnana Prabhu Kumar IV/MECH K. prabou Comer	74	156E1A0302	Kollu Vamsi Krishna	IV/MECH	
	75	156E1A0303	Kotnana Prabhu Kumar	IV/MECH	K. pratou Comos

76	156E1A0304	Lakkoju Mohana Gandhi	IV/MECH	Mahan Combi
77	156E1A0307	Mogalapalli Srinivas	IV/MECH	M. Srinilas
78	156E1A0309	Ram Pravesh Gupta	IV/MECH	Mohan Compli M. Brienivas R. Grupta
79	156E1A0310	Ravi Ranjan Kumar Singh	IV/MECH	R. Ranfordhum fin
80	156E1A0311	Saagi Venkata Ramana Raju	IV/MECH	S.D mu Paju
81	156E1A0312	Sakuru Durga Bharat	IV/MECH	S. Daily Broad.
82	156E1A0313	Salapu Pavan Kumar	IV/MECH	5. Pavan Kuman
83	156E1A0314	Shiek Kareem	IV/MECH	Shiek kasteem
84	156E1A0315	Shiek Noor Bhasha	IV/MECH	S. Bhasha
85	166E5A0303	Boddu Venkata Sai Vineeth	IV/MECH	13. V. Sai Vineeth
86	166E5A0305	Bollam Sravankumar	IV/MECH	B. Savarlerer
87	166E5A0307	Bulla Sundar Luke	IV/MECH	66
88	166E5A0309	Cherukuri Jayaram	IV/MECH	ch. Towar
89	166E5A0310	Chitturi Prudhvi	IV/MECH	C Down 11 9
90	166E5A0313	Ella Veerraju	IV/MECH	C. Porudhy?
91	166E5A0314	Esarapu Raj Kumar	IV/MECH	E. Veeriuju
92	166E5A0315	Gade Suribabu	IV/MECH	& Callaba
93	166E5A0316	Gandikota Vijaya Krishna	IV/MECH	G. Si jaya Knih
94	166E5A0317	Geddada Suresh	IV/MECH	Olygorh
96	166E5A0318	Gondesi Suresh Kumar	IV/MECH	Cg-suresh Kumo
97	166E5A0319	Gonthini Saibabu	IV/MECH	
98	166E5A0322	Kedarisetti Bhagavan	IV/MECH	Salbabu,
99	166E5A0324	Kotyada Chandra Sekhar	IV/MECH	K. Bhagavar
100	166E5A0326	Kundrapu Vineeth	IV/MECH	K. Vineeth .
				K. WITLEELT)

Program Coordinator



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

25th February 2019

PROGRAM REPORT

Name of the Event

: A Two Week Certificate Program on "Advanced Fluid

Mechanics and Aerodynamics".

Date

: 11-02-2019 to 23-02-2019

Resource Person

: Mr. G. Siva ram Assistant Professor, Mechanical Engineering, GIITS,

Mobile: 9989309182.

Program Coordinator

: Mr. P. Prasad Assistant Professor,

Mechanical Engineering,

GIITS.

Number of Students attended: 100

Venue

: Workshop Lab

The Department of Mechanical Engineering, GIITS has conducted a Two Week certificate programme on "Advanced Fluid Mechanics and Aerodynamics" for which the resource person was G. Sivram, Assistant Professor from GIITS for II,III & IV year Mechanical Students from 11-02-2019 to 23-02-2019.

Students are interested to learn the Understanding of Advanced Fluid Mechanics and Aerodynamics successfully delivered advanced theoretical knowledge, practical skills, and real-world applications to participants keen on mastering the intricacies of fluid flow and aerodynamics. By integrating theoretical modules, computational simulations, hands-on experiments, and a design project, the program prepared participants toexcel in the field of fluid dynamics and aerodynamics. The program's impact was evident in participants' enriched understanding, enhanced skills, and ability to address complex engineering challenges in the realm of fluid mechanics and aerodynamics. Total 100 students were participated in this training program and after the completion of program they understood the following objectives and learning outcomes.

Objectives:

- Advanced Fluid Dynamics: Introduce participants to the underlying mathematics and theories of fluid flow, including viscous flows, boundary layers, and turbulence.
- Aerodynamics Principles: Provide participants with a comprehensive understanding of aerodynamic principles, lift, drag, and their applications.
- **Numerical Simulations**: Familiarize participants with computational fluid dynamics (CFD) simulations, enabling them to model and analyze fluid flows.

- Experimental Techniques: Introduce participants to experimental methods in fluid dynamics and aerodynamics through hands-on laboratory sessions.
- **Application in Engineering**: Explore the application of advanced fluid mechanics and aerodynamics in fields such as aerospace, automotive, and renewable energy.
- **Design Project**: Engage participants in a practical design project where they apply their knowledge to solve a complex fluid dynamics or aerodynamics problem.

Learning Outcomes:

- Participants gained a deep understanding of advanced fluid mechanics and aerodynamics, including complex topics like turbulence and boundary layers.
- Practical skills in CFD simulations and experimental techniques were developed, enhancing participants' ability to analyze fluid flow phenomena.
- Participants acquired the knowledge required to apply advanced fluid dynamics principles to real-world engineering challenges.
- The design project showcased participants' ability to synthesize their knowledge and tackle complex problems in fluid mechanics and aerodynamics.
- Ethical considerations, safety protocols, and responsible practices in experimental and simulation work were emphasized.

The students found this programme to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the programme successful.

Program Coordinator

Head of the Department



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam - 530 053

11th February 2019

CIRCULAR

It is hereby informed to all ECE II,III & IV Yr B.Tech students that department of ECE is conducting A Two Week Certificate Programme on "Advanced Communication Networks" from 25-02-2019 to 09-03-2019. All the students shall give their names to coordinator mentioned below on or before 21-02-2019. Hence, all the registered students are here by informed to attend the classes without fail.

Venue

: Seminar Hall

Coordinator: P.Lavanya

Assistant Professor,

Dept of ECE

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AY: 2018-2019

COURSE SCHEDULE

Course Layout:

S.No	Date	Topics to be covered
1.	25-02-2019	Introduction to Advanced communication network
2.	26-02-2019	Network Architecture and Protocols
3.	27-02-2019	Wireless Communication Technologies
4.	28-02-2019	Network Security and Privacy
5.	01-03-2019	Software-Defined Networking (SDN)
6.	02-03-2019	Network Function Virtualization (NFV)
7.	04-03-2019	Cloud Computing and Network Virtualization
8.	05-03-2019	Internet of Things(IOT) and Communication Networks
9.	06-03-2019	Edge Computing and Communication Networks
10.	07-03-2019	Next-Generation Networking Technologies
11.	08-03-2019	Network Performance Optimization
12.	09-03-2019	Case studies and Practical Applications

Summary:

Duration

: 2 Weeks

Start Date

: 25-02-2019

End Date

: 09-03-2019

Registration End Date: 21-02-2019

Head of the Department

ABOUT THE PROGRAM

Advanced communication networks typically involve the development and implementation of cutting-edge technologies, protocols and infrastructure to enable faster, more reliable and efficient communication systems. These networks aim to meet the increasing demands of modern communication, such as handling large amounts of data, supporting high-speed internet access, and enabling seamless connectivity across various devices and locations.

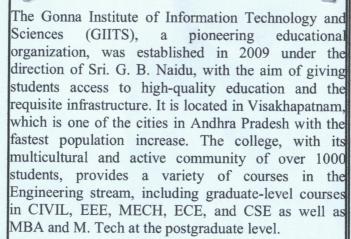
COURSE CONTENTS

- Introduction to Communication Networks
- Network layer protocols
- Transport layer protocols
- Data link layer protocols
- Network security and Cryptography
- Wireless and mobile networks
- Network performance and management
- Emerging technologies



Advanced Communication Networks

OUT THE COLLEGE



The institute is endowed with informed teachers who are highly qualified, as well as cutting-edge facilities. GIITS offers a range of exciting environments for intellectual development, free-thinking and personal growth in order to challenge its students and give them the information, understanding, attitudes and practical experiences they need to assume social duties.

ABOUT THE DEPARTMENT

The Electronics and Communication Engineering (ECE) department was established in the year 2009. The department offers Undergraduate (UG), Post Graduate (PG), program that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering. Post graduation focuses on future prospective of VLSI Technologies

The department has mission to educate the students with the state of art technologies to meet the growing challenges of the industry, to carry out research through constant interaction with research organizations and industry, and to equip the students with strong foundations to enable them for continuing education, the vision is to excel in education in Electronics and Communication Engineering

A TWO WEEK CERTIFICATE PROGRAMME

on

Advanced Communication Networks

25.02.2019 to 09.03.2019



Organized by

Department of Electronics and Communication Engineering

GONNA INSTITUTE OF INFORMATION TECHNOLOGY & SCIENCES

Approved by AICTE & Affiliated to JNTUK, Kakinada, 85 Division, Gonnavanipalem, Aganampudi, Visakhapatnam-530053.

OBJECTIVES

- to provide a comprehensive understanding of advanced communication network concepts, technologies and architecture
- To familiarize students with the latest development and trends in communication networks.
- To explore the challenges and considerations involved in designing and deploying advanced communication network
- To introduce student emerging technologies and their impact on communication networks.
- To develop critical thinking and problemsolving skills related to advanced communication network design and optimization

OUTCOMES

- Understand the fundamental concepts and principles of advanced communication networks.
- Identify and analyze the components, protocols and technologies used in advanced communication networks
- Evaluate the strengths and weakness of different network architectures and protocols
- Design and plan advanced communication networks based on specific requirements and constraints
- Discuss the impact of emerging technologies, such as 5G, IoT and SDN on communication networks.

POGRAM COMMITTEE

CHIEF PATRON

Shri.G.B.Naidu

Secratery, Gonna Group of Institutions

PATRON

Dr.T.Venkateswara Rao Principal, GIITS

COORDINATORS

Smt.K.Vani Assistant Professor & Hod, Dept of ECE, GIITS

Ms.P.Lavanya Assistant Professor, Dept of ECE, GIITS

RESOURCE PERSON

Ms.V.Sindhu Bharghavi

Assistant Professor, Dept of ECE, GIITS,

Mobile: 8555917123

STUDENT COORDINATOR

G.Sai Rama Raju

Dept of ECE, GIITS,

Mobile: 7396693966



A TWO WEEK CERTIFICATE PROGRAMME

on

Advanced Communication Networks

25.02.2019 to 09.03.2019

REGISTRATION FORM

Name Mr./Ms.:
Roll No.:
Department.:
Address:
PIN Code:
Mobile No:
E-mail:

Signature of Applicant



(Approved by AICTE, New Delhi, Affiliated to JNTUK, KAKINADA) Gonnavanipalem, Aganampudi, Visakhapatnam – 530 053

AY: 2018-2019

Name of Program: A Two Week Certificate Programme on "Advanced

Communication Networks"

Date

: 25-02-2019 to 09-03-2019

STUDENTS ENROLLED LIST

S.No	Reg.No	Name Of Student	Year/Branch	Signature
1.	176E1A0401	Bojja Venkata Kusuma Sai	II/ECE	R. VIL Sai
2.	176E1A0402	Muthiki Venkat Pavan Raju	II/ECE	m. VP Raya
3.	176E1A0403	N.Shalini Venkata Sai Lakshmi	II/ECE	U.S. S. Leekshai
4.	176E1A0404	Pediredla Adilakshmi	II/ECE	b. Ad kirmi
5.	176E1A0405	Thota Lavanya	II/ECE	T. lewanya
6.	166E1A0401	Adatravu Nandini	III/ECE	Aoradur
7.	166E1A0402	Amalakanti Udaykumar	III/ECE	A. Way Kumu
8.	166E1A0403	Budireddi Tulasi	III/ECE	R. Tulari
9.	166E1A0404	Chinipilli Preethi	III/ECE	Colo structioni
10.	166E1A0405	Jami Santoshi Kumari	III/ECE	1.5 kulman.
11.	166E1A0407	Yellapragada Sireesha	III/ECE	4. Sioneysher
12.	176E5A0401	Dadi Srinivas	III/ECE	D. Soninium.
13.	176E5A0402	Kotharu Sairam	III/ECE	1c other Science
14.	15A91A0486	Kotla Lakshmi Priyanka	III/ECE	13. L. Digarka.
15.	156E1A0401	Somusetti Ajay	IV/ECE	C. Alay
16.	166E5A0401	Appikonda Hemanth	IV/ECE	A. Hewanth
		Kumar		lauran.
17.	166E5A0402	Boddeda Ganesh	IV/ECE	B. ganesh.
18.	166E5A0404	Gummadi Prasanthi	IV/ECE	Grania santhe
19.	166E5A0406	Kandregula Ganesh	IV/ECE	le Ganesh.
20.	166E5A0408	Malla Appala Eswara	IV/ECE	M. A.E
		Kumar		kunan.
21.	166E5A0409	Malla Sai Kumar	IV/ECE	in Sai kuna).
22.	166E5A0410	Mogalaturty Santhosh Kumar	IV/ECE	M. Santhosh
23.	166E5A0412	Muppidi Sirisha Annapurna	IV/ECE	[cuma]
24.	166E5A0413	Patnala Sairam	IV/ECE	h. S. Amagura.
25.	152Z1A0405	K. Nageswara Rao	IV/ECE	p. Saison.
26.	152Z1A0409	S. Anuradha	IV/ECE	S. A huradhe
27.	152Z1A0411	K. Bhavani	IV/ECE	E. Rhatahi
28.	156E1A0501	Koneti Siva Sai Gangadhar	IV/ECE	k.s. gardidor.

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11th March 2019

PROGRAM REPORT

Name of the Event

: A Two Week Certificate Programme on Advanced

Communication Networks.

Date

: 25-02-2019 to 09-03-2019

Resource Person

: Ms. V. Sindhu Bharghavi

Asst Professor, Dept of ECE,

GIITS

Mobile: 8861528579

Programme coordinator

: Ms.P. Lavanya

Asst Professor, Dept of ECE,

GIITS

Number of Students attended: 28

Venue

: Seminar Hall

Department of ECE organized a certificate programme on Advanced Communication Networks for which the resource person was **Ms.V.Sindhu Bharghavi**, Assistant professor from GIITS, for II,III & IV year B.Tech students from 25-02-2019 to 09-03-2019

Advanced communication networks typically involve the development and implementation of cutting-edge technologies, protocols, and infrastructure to enable faster, more reliable and more efficient communication systems. These networks aim to meet the increasing demands of modern communication, such as handling large amounts of data, supporting high-speed internet access, and enabling seamless connectivity across various devices and locations. Totally 28 students participated in this training program and after completing the program they understood the following objectives and learning outcomes.

Course Objectives:

- To provide a comprehensive understanding of advanced communication network concepts, technologies and architecture
- To familiarize students with the latest development and trends in communication networks.
- To explore the challenges and considerations involved in designing and deploying advanced communication networks
- To introduce students to emerging technologies and their impact on communication networks.
- To develop critical thinking and problem-solving skills related to advanced communication network design and optimization.

Learning Outcomes:

- Students designed scalable network architectures capable of handling increased traffic loads and addressing the challenges posed by emerging technologies. Identify and analyse the components, protocols, and technologies used in advanced communication networks.
- Students assessed network performance metrics, including latency, throughput, and packet loss, to optimize the quality of service in complex communication networks.
- Students explored emerging technologies such as 5G, IoT (Internet of Things), and edge computing, understanding their impact on communication network evolution.

The students found this course to be very beneficial, and they provided favourable feedback. The resource person and students were thankful by the management and principal of GIITS for helping to make the program successful.

Program Coordinator

Head of the Department