

**A ONE MONTH
ADD-ON
CERTIFICATE PROGRAM ON
"AUTOCAD"
2-8-2023 to 25-9-2023**

REGISTRATION FORM

Name _____

Designation _____

Department _____

Name of the Institute _____

Address

State _____ Pin _____

Gender: M / F

Experience in years

Details of Registration fee:

Amount _____ DD No. _____ Date _____

Name of the bank

Email

Phone Number

Signature of participant

Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRONS

Chairman: Sri B.S. Appa Rao &

Secretary: Sri B. Sri Krishna

RESOURCE PERSON

I. Mr. A. Lateef, Trainer, Canter CADD

Patron

Dr. M. Ekambaram Naidu,
Principal, SRKIT

Convener

Dr. T. Satyanarayana,
HOD-CIVIL

COORDINATOR

Mr. A. Krishna Priya, Asst.
Professor Dept of Civil Engg.
SRKIT

MEMBERS

Sri. K. Kiran, Asst. Professor

Mr. CH. Rajesh, Asst. Professor

Ms. G. Sahithi, Asst. Professor

Ms. A. Krishna Priya, Asst. Professor

Mr. Sai Kumar Reddy, Asst. Professor

Ms. G. Anuradha, Asst. Professor

**A ONE MONTH
ADD-ON
CERTIFICATE PROGRAM ON
"AUTOCAD"
2-8-2023 to 25-9-2023**



Organized by

Department of Civil Engineering

SRK INSTITUTE OF TECHNOLOGY

(An ISO 9001:2015 Certified Institution,
Affiliated to JNTU, Kakinada),

Accredited by NAAC with 'A' Grade

Enikepadu, Vijayawada, 521108,
AP, India.

PRINCIPAL

**SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.**

ABOUT THE INSTITUTION

SRK Institute of Technology was established in the year 2007 under JNTUK Affiliation and Accredited by NAAC with 'A' grade 2022. It is located in the heart of city of Rural Vijayawada, the new capital city of Andhra Pradesh. Since its inception in 2007, the institution has been dedicated to impart quality education to professional students for innovations and leadership in a global competitive world. The institution is

Offering engineering courses in CE, CSE, ECE, EEE, IT, M.E. and Post Graduate Courses M.Tech in CSE, ECE, MCA & MBA

ABOUT THE DEPARTMENT

The Department of Civil Engineering GIS an under graduated programme of the college and was started in the year 2007 with an intake of 60 students and the strength increased to 120 in 2009. The department has well established laboratories and well qualified faculty in various specialized areas of Civil Engineering like Structural Engineering, Geo-Technical Engineering, Water Resource Engineering, Transportation Engineering and Environmental Engineering. The department has conducted workshops, guest lectures, techno-fests and training programs in association with

various organizations. The department is actively participated in R&D activities by offering the student live projects and guest lectures by academicians and industrial experts. It maintains the data base of old students of the department

Department. One of the greatest strength of the Civil Department

ADD ON CERTIFICATION COURSE

AutoCAD is a general drafting and design application used in industry by architects, project managers, engineers, graphic designers, city planners, and other professionals to prepare.

If we had to define what AutoCAD is in a few words, we would say that it is a **CAD-type software oriented to drawing and modeling in 2D and 3D**. It allows the creation and modification of geometric models with an almost infinite capacity to develop all types of structures and objects.

This ability to work in different fields has made AutoCAD transcend its traditional use in the world of architecture and engineering, to enter the world of graphic and interior design.

Currently, AutoCAD has a multitude of specialized auxiliary tools which cover every kind of industrial fields related to 2D design and 3D modeling

PARTICIPANTS CAN BE

IIIrd & IVth B tech civil Students.

MAILING ADDRESS

Dr.T.Satyanarayana,
Professor and Head,
Department of Civil Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.

www.srkit.in

Email: civilengineering.srkit@gmail.com

CONTACT NO:

A.krishna Priya: +91-7386213822

Note:

Important Dates
Date of Program
20-25 February 2023



PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.

One Month Certification Program
On

**"Product Design using
AUTOCAD"**

03/08/2023 to 14/09/2023

REGISTRATION FORM

Name _____

Department _____

Roll Number _____

Address _____

State _____

Pin _____

Gender: M / F

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. P. Kishore Kumar
HoD-ME

RESOURCE PERSON

Mr. A. Lateef
Trainer
Canter Cadd

One Month Certification Program
On

"Product Design using AUTOCAD"

Organized by Department of
Mechanical Engineering
03/08/2023 to 14/09/2023



SRK INSTITUTE OF TECHNOLOGY

(An ISO 9001:2015 Certified Institution,
Affiliated to JNTUK, Kakinada),
Accredited with NAAC 'A' Grade

Enikepadu, Vijayawada, 521108,
Andhra Pradesh, India.

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

ABOUT THE INSTITUTION

SRK Institute of Technology is a professional college affiliated to JNTUK, Kakinada, offering engineering undergraduate courses in CE, CSE, ECE, EEE, IT, ME and post graduate courses M.Tech in ECE & CSE, MBA, MCA and IMBA. It was established in the year 2007 under the aegis of SRK Foundation. The members of the foundation include renowned academicians and industrialists. The college is fully established with all infrastructural facilities with well qualified and experienced faculty. Within a short period of its inception, the college has carved a niche among the already existing popular colleges. Today, the institute is rated as one of the RISING STARS on the horizon.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering (ME) was established in 2011. The department has well experienced faculty in various disciplines of ME. The department also hosts state-of-the-art laboratory facilities supporting both hardware and software in conformity with the curriculum and beyond. The department organizes Faculty Development Programs frequently to enhance skills.

COURSE CONTENT:

Introduction to AutoCAD, History, Definitions, Design Cycle, Advantages of AutoCAD, GUI, File management, Units, Limits, Sheet sizes, Zoom, Pan, Absolute Coordinate System, Relative Rectangular Coordinate system, Polar Coordinate System, Function Keys, Display commands, Properties, Color, Line Type, Line weight, Quick properties, Match properties, Draw commands- Line, Ray, Xline, Multiline, MLStyle, Rectangle, Circle, Polygon, Arc, Ellipse, Elliptical arc, Revcloud, Donut, Solid, Fillmode, Point, Point style, Polyline, Wipeout, Spline, Selection Commands, Enquiry tools- Area, Radius, Volume, Angle, Distance, ID, List, Time, Status, Modify Tools- Erase, Move, Copy, Rotate, Mirror, Scale, Stretch, Offset, Trim, Extend, Xtrim, Align, Lengthen, Break, Join, Explode, Chamfer, Fillet, Array, Region, Boundary, Divide, Measure, Dimensions, Dimension Style manager, Single line Text, Mtext, Arc text, Text style, Txt2mtxt, Hatching utilities, Block, Write block, Design center, Tool pallette, Layer management, Print/Plot, Isometric Drawings, 3d modeling, 3d views, Standard Primitives- Box, Sphere, Cylinder, Torus, Cone, Pyramid, Wedge, Polysolid, Boolean operations- Union, Subtract, Intersect, Solid modeling- Extrude, Presspull, Revolve, Sweep, Loft, Solid Editing

MAILING ADDRESS

Dr. P. Kishore Kumar,
HOD, Department Mechanical Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.
www.srkit.in
Email: hod.mesrk@gmail.com

Program Co- Ordinator:

Mr. P.Tarun Naga Venkatesh
Phone Number: 8500730551

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SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.



SRK INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to JNTUK Kakinada
An Autonomous Institution, Accredited By NAAC 'A' Grade
(An ISO 9001:2015 Certified Institution) Vijayawada - 521108.

A

COURSE ON INTRODUCTION TO DIGITAL MARKETING

FROM 28/08/2023 To 18/10/2023

Organized By

**DEPARTMENT OF BUSINESS
ADMINISTRATION**

Resource Person:

Mr. B. Chinni,
Asst. Prof,
MBA Dept

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SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

Why this Program?

The course familiarize students with an understanding of how the digital media works and develop the critical insights necessary to succeed in e-commerce and digital and social media marketing. Enrich learner with the essential principles and practices of marketing in the digital economy by making this course, an indispensable part of their knowledge base.

Chief Patrons:

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Chairman, SRK Foundation
Sri B.S. Sri Krishna,
Secretary, SRK Foundation

Patron:

Dr. M. Ekambaram Naidu,
Principal

Convener:

Dr. B. Krishnaiah,
Associate Professor & Head.



SRK INSTITUTE OF TECHNOLOGY

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(An ISO 9001:2008 Certified Institute), Vijayawada-521108

About the College:

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SRKIT FACTS AT A GLANCE

ESTABLISHED IN 2007

- ✓ Affiliated to JNTUK
- ✓ Approved by AICTE
- ✓ ISO 9001:2008 Certified

STUDENT ENROLLMENT

- ✓ Undergraduates: 2400 CAMPUS
- ✓ 7 contiguous acres in the main heart area of Vijayawada City
- ✓ 24354546 S.ft. built up area
- ✓ 25% of undergraduates live on campus

FACULTY

- ✓ 15:1 student to faculty ratio

RESEARCH

- ✓ Students dedicated to do innovative projects
- ✓ Faculty committed to contribute in the latest technology developments

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
CHAKERABILI VIJAYAWADA-521 108.

About the Department:

The Department of Business Administration was established in the year 2009 with an intake of 60 students offering single specialization in the area of Finance, Marketing and Human Resources. The Master of Business Administration is a Master's level program that is concerned with the examination of the techniques as well as hypothesis that are involved in the administration of a business. Knowledge imparted in MBA program extends out in developing managerial skills, business expertise, building competitive advantage, enhancing career advancement for professional growth.

Five Years Integrated MBA:

In the year 2014 the department of business administration commenced five years integrated MBA programme in affiliation to JNTU Kakinada for the students who qualified 10+2 are eligible for admission. It is designed to prepare the students with a global management perspective through a unique pedagogy of learning and interaction among peers in a modular format. Activities like live projects, field assignments and simulation games will form an integral part of the programme and help to achieve holistic learning and also provide for a comprehensive understanding of the contemporary business environment.

CSE

Introduction to Cybersecurity

Exhibits



Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

Benefits

Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 8 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- Links to related resources



Target Audience: Secondary and 2-Year college levels, general audience

Prerequisites: None

Instructor Training Required: No

Equipment Required: No



Languages: Arabic, Chinese-S, Dutch, English, French, German, Hebrew, Indonesian, Italian, Japanese, Kazakh, Polish, Portuguese, Russian, Spanish, Ukrainian

Course Delivery: Instructor-Led or Self-paced

Estimated Time to Complete: 15 hours

Chulsey
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APPROVED BY AICTE, NEW DELHI | PERMANENTLY AFFILIATED TO JNTUK | CERTIFIED BY ISO 9001:2015
ENIKEPADU, VIJAYAWADA- 521108 PH. : 0866 2843839, e-mail : srktech@gmail.com | www.srkit.in



aka Networking
CISCO Academy

PCAP: Programming Essentials in Python (Python Essentials)

Scope & Sequence

PCAP: Programming Essentials in Python
(aka Python Essentials)
Developed by OpenEDG Python Institute

[Signature]
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CSE

PCAP: Programming Essentials in Python

Scope and Sequence

Table of contents

1. Target Audience
2. Prerequisites
3. Curriculum Description
4. Curriculum Objectives
5. Industry Certification
6. Course Outline
7. Course Structure
8. Course Objectives
9. Minimum System Requirements


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ENIKEPADU, VIJAYAWADA- 521103 PH. : 0866 2843039, e-mail : srktech@gmail.com | www.srk

P PYTHON INSTITUTE

Networks
CISCO Academy



PCAP: Programming Essentials in Python (Python Essentials)

Scope & Sequence

PCAP: Programming Essentials in Python
(aka Python Essentials)
Developed by **OpenEDG Python Institute**

Prof. Chaitanya
PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 103

PCAP: Programming Essentials in Python

Scope and Sequence

Table of contents

1. Target Audience
2. Prerequisites
3. Curriculum Description
4. Curriculum Objectives
5. Industry Certification
6. Course Outline
7. Course Structure
8. Course Objectives
9. Minimum System Requirements



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SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



CSD

Introduction to Cybersecurity

Explores



Security

Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

Benefits

Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 8 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- Links to related resources



Target Audience: Secondary and 2-Year college students, general audience

Prerequisites: None

Instructor Training Required: No

CE Alignment Required: No



Languages: Arabic, Chinese-S, Dutch, English, French, German, Hebrew, Indonesian, Italian, Japanese, Kazakh, Polish, Portuguese, Russian, Spanish, Ukrainian

Course Delivery: Instructor-led or Self-paced

Estimated Time to Complete: 15 hours

Chellay
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CSM



Introduction to Cybersecurity

Explore



Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

Benefits

Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 8 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- Links to related resources



Target Audience: Secondary and 2-Year college students, general audience

Prerequisites: None

Prerequisite Training Required: No

Prerequisite Alignment Required: No

Languages: Arabic, Chinese-S, Dutch, English, French, German, Hebrew, Indonesian, Italian, Japanese, Kazakh, Polish, Portuguese, Russian, Spanish, Ukrainian

Course Delivery: Instructor-led or Self-paced

Estimated Time to Complete: 15 hours

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Network
CISCO Academy

PCAP: Programming Essentials in Python (Python Essentials)

Scope & Sequence

PCAP: Programming Essentials in Python
(aka Python Essentials)
Developed by OpenEDG Python Institute

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

CSM

PCAP: Programming Essentials in Python

Scope and Sequence

Table of contents

1. Target Audience
2. Prerequisites
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ENIKEPADU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to JNTUK Kakinada
An Autonomous Institution, Accredited By NAAC 'A' Grade
(An ISO 9001:2015 Certified Institution) Vijayawada - 521108.

A Course on MS-OFFICE

From 27/11/2023 To 06/01/2024

Organized By

**DEPARTMENT OF BUSINESS
ADMINISTRATION**

Resource Person:

Mr.SK.Shafiullah

Asst. Prof

MBA Dept

SRK INSTITUTE OF TECHNOLOGY

Why this Program?

MS Office is a program to insist knowledge in students which consists of basic Data interpretations, Analysis, Workbooks etc. by using MS Word, M S Excel, MS Power point.

Chief Patrons:

Sri B.S.Appa Rao,

Chairman, SRK Foundation

Sri B.S. Sri Krishna,

Secretary, SRK Foundation

Patron:

Dr. M. Ekambaram Naidu,

Principal

Convener:

Dr. B.Krishnaiah,

Associate Professor & Head.

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY

ENHREPADU...



SRK INSTITUTE OF TECHNOLOGY

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About the College:

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- ✓ Affiliated to JNTUK
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STUDENT ENROLLMENT

- ✓ Undergraduates: 2400 CAMPUS
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- ✓ 15:1 student to faculty ratio

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- ✓ Students dedicated to do innovative projects
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About the Department:

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PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY

CHINA

One Month Certification Program
On
"Advanced design and modelling
using CATIA"
19/02/2024 to 03/04/2024

REGISTRATION FORM

Name _____

Department _____

Roll Number _____

Address _____

State _____

Pin _____

Gender: M / F

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIRPERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. P. Kishore Kumar
HoD-ME

RESOURCE PERSON

Mr. A. Lateef
Trainer
Canter Cadd

One Month Certification Program
On

"Advanced Design and Modelling
using CATIA"

Organized by Department of
Mechanical Engineering
19/02/2024 to 03/04/2024



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Enikepada, Vijayawada, 521108,
Andhra Pradesh, India.

Principal

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ABOUT THE DEPARTMENT

The Department of Mechanical Engineering (ME) was established in 2011. The department has well experienced faculty in various disciplines of ME. The department also hosts state-of-the-art laboratory facilities supporting both hardware and software in conformity with the curriculum and beyond. The department organizes Faculty Development Programs frequently to enhance skills.

COURSE CONTENT:

Introduction to CATIA, History, Definitions, Design Cycle, Advantages of CATIA, Basic terms, General layout, different workbenches that CATIA offers, GUI, Keyboard Shortcut Keys, File management, View Tools, Navigation Tools, Sketcher - Profile Tools-Profile, Rectangle, Circle, Spline, Ellipse, Line, Point, Sketcher - Operation Tools-Corner, Chamfer, Trim, Quick Trim, Break, Sketcher - Operation Tools- Mirror, Symmetry, Translate, Rotate, Scale, Offset, Constraint Tools-Constraint Defined Dialogue Box, Constraint, Contact Constraint, Auto Constraints, Animate Constraints, Edit Multi Constraints, Object Creation using Sketcher, Part Modeling - Sketch Based Features, Pad, Drafted Filleted Pad, Multi Pad, Pocket, Drafted Filleted Pocket, Multi Pocket, Part Modeling - Sketch Based Features, Shaft, Groove, Hole, Part Model Creation, Part Modeling - Sketch Based Features, Rib, Slot, Stiffener, Solid Combine, Part Modeling - Sketch Based Features, Multi Section Solid, Remove Multi Section Solid, Part Modeling - Dress-Up Features, Edge Fillet, Variable Radius Fillet, Chordal Fillet, Chamfer, Part Modeling - Dress-Up Features-Draft Angle, Draft Reflect Line, Variable Draft Angle, Shell, Thickness, Part Modeling - Transformation Features-Translation, Rotation, Symmetry, Axis to Axis, Mirror, Part Modeling - Dress-Up Features-Rectangular Pattern, Circular Pattern, User Pattern, Scaling, Affinity, Part Modeling - Surface based Features-Thick Surface, Split Surface, Close Surface, Assembly Design - Importing Parts into Product, Manipulation, Assembly Design - Constraints, Coincidence, Contact Constraints, Offset Constraints, Angle Constraint, Quick Constraint, Fix Component, Reuse Pattern, Creation of Assembly Design, Drafting, Generative Sheet Metal Design -

Walls-Wall, Wall on Edge, Extrusion, Flange, Generative Sheet Metal Design- Rolled Wall, Hopper, Bending Tools Generative Sheet Metal Design - Cutting & Stamping Tools, Wireframe & Surface Design - Surface Creation Wireframe & Surface Design - Operation Tools

MAILING ADDRESS

Dr. P. Kishore Kumar,
HOD, Department Mechanical Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada - 521108
Andhra Pradesh, India.
www.srkit.in
Email: hod_mesrk@gmail.com

Program Co- Ordinator:

Mr. M. Hari Krishna
Phone Number: 8500157931


SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

**A ONE MONTH
ADD-ON
CERTIFICATEPROGRAM ON
"Structural analysis using
STTAD PRO"**

19-02-2024 to 03-4-2024

REGISTRATION FORM

Name _____

Designation _____

Department _____

Name of the Institute _____

Address _____

State _____ Pin _____

Gender: M / F

Experience in years _____

Details of Registration fee:

Amount _____ DD No. _____ Date _____

Name of the bank _____

Email _____

Phone Number _____

Signature of participant _____

Head of the Institution _____

ORGANIZING COMMITTEE

CHIEF PATRONS

Chairman: Sri B.S. Appa Rao &

Secretary: Sri B. Sri Krishna

RESOURCE PERSON

1. Mr. A. Lateef, Trainer, Canter CADD

Patron

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Principal, SRKIT

Convener

Dr. T. Satyanarayana,
HOD-CIVIL

COORDINATOR

Mr. K. Kiran, Asst. Professor
Dept of Civil Engg. SRKIT

MEMBERS

Mrs. A. Krishna Priya, Asst. Professor

Mr. CH. Rajesh, Asst. Professor

Ms. G. Sahithi, Asst. Professor

Ms. A. Krishna Priya, Asst. Professor

Mr. Sai Kumar Reddy, Asst. Professor

Ms. G. Anuradha, Asst. Professor

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ADD-ON
CERTIFICATEPROGRAM ON
"Structural analysis using
STTAD PRO"**

19-02-2024 to 03-4-2024



Organized by

Department of Civil Engineering

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various organizations. The department is actively participated in R&D activities by offering the student live projects and guest lectures by academicians and industrial experts. It maintains the data base of old students of the department

Department. One of the greatest strength of the Civil Department

ADD ON CERTIFICATION COURSE

STAAD Pro helps structural engineers to automate their tasks by removing the tedious and long procedures of the manual methods. It allows civil engineers to analyze and design various types of structures on virtual platforms. Structural engineering firms, consultancies, various departments of construction companies, and government firms use STAAD pro extensively. Today, many online platforms and apps provide certification in STAAD Pro that gives complete knowledge on this designing software. To learn this dynamic software, you don't need a special degree or something; however, having a Civil Engineering is a must to pursue this course.

Suppose you plan to make a career in structural designing; however, you don't have sufficient time to attend traditional offline classes. In this case, you can opt for an online certification program from a reputable institute or tech educational platform for STAAD Pro training.

It is really helpful for individuals who are working as professional or full-time students. Online training will offer the flexibility to learn at your own pace and convenient location. You decide your learning hours and the best time suitable for it.

PARTICIPANTS CAN BE

IVth B tech civil Students.

MAILING ADDRESS

Dr.T.Satyanarayana,
Professor and Head,
Department of Civil Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.

www.srkit.in

Email: civilengineering.srkit@gmail.com

CONTACT NO:

K.Kiran: +91-7893686111

Note:

Important Dates

Date of Program

19 February to 03 April 2024



PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

ABOUT THE INSTITUTION

SRK Institute of Technology was established in the year 2007 under JNTUK Affiliation and Accredited by NAAC with 'A' grade 2022. It is located in the heart of city of Rural Vijayawada, the new capital city of Andhra Pradesh. Since its inception in 2007, the institution has been dedicated to impart quality education to professional students for innovations and leadership in a global competitive world. The institution is Offering engineering courses in CE, CSE, ECE, EEE, IT, ME, CSE-Artificial Intelligence and Machine Learning, CSE-Data Science and Post Graduate Courses M.Tech in CSE, ECE, MCA & MBA

ABOUT THE DEPARTMENT

The Department of Science and Humanities is a threshold for students entering into professional courses. It lays a strong foundation to the major engineering courses offered by the Institute. The department is a blend of many disciplines – English, Mathematics, Physics, Chemistry and Environmental Sciences. The courses offered by the department are English, Mathematics, Engineering Physics, Engineering Chemistry, Applied Physics, Applied Chemistry, Environmental Sciences and many more like Employability Skills, Constitution of India and Universal Human Values. The department has many experienced, research oriented faculty who actively publish papers in various National and International journals regularly. Apart from the academics, the department conducts many co- curricular and extracurricular activities for students.

ABOUT THE PROGRAM

This program is designed to learn techniques of Chip design using programmable devices. The students can learn to realize Digital VLSI circuits using verilog HDL in FPGA.

ORGANIZING COMMITTEE

CHIEF PATRONS

Chairman
Sri B.S. Appa Rao
&
Secretary
Sri B. Sri Krishna

RESOURCE PERSON

Dr. D. Ravi Tej
Associate Professor
SRK Institute of Technology

Patron

Dr.M.EkambaramNaidu,
Principal,
SRKIT

Convener

Dr. K. Krishna Rao,
HoD-Science & Humanities,
SRKIT

COORDINATOR

Mrs. B. Nagamani, Asst. Professor
Dept of S & H

MEMBERS

Mrs. G. Koteswaramma, Asst professor
Dr. Vishnu Priya, Assoc. Professor
Mrs. K. Noha, Asst. Professor

CERTIFICATE PROGRAM ON

"C - Based VLSI Design"

19 Feb, 2024 – 12 April, 2024



Organized by

Department of Science and Humanities

SRK INSTITUTE OF TECHNOLOGY

Enikepadu, Vijayawada-521108

Approved by AICTE, Affiliated to

JNTUK, Kakinada

ISO 9001:2015 Certified Institution,

Accredited with NBA & NAAC "A" Grade

PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

Five Weeks Add on Program
On
"CISCO Certified Network
Associate"

20th February to 27th March 2024

REGISTRATION FORM

Name _____

Department _____

Name of the Institute _____

Address _____

State _____

Pin _____

Gender: M / F

Experience in years _____

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. S Sri Gowri
HoD-ECE

RESOURCE PERSON

Mr.P.Vinod
Specialist Trainer
Techno Spark IT Solutions


Five Weeks Add on Program
On
"CISCO Certified
Network Associate"

Organized by Department of
Electronics and Communication
Engineering

20th February to 27th March 20



SRK INSTITUTE OF TECHNOLOGY
Approved by AICTE, Affiliated to JNTU
Kakinada
(ISO 9001:2015 Certified Institution)
Accredited by NAAC 'A' Grade
Erikepadu, Vijayawada 521108


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 10B.

ABOUT THE INSTITUTION

SRK Institute of Technology is a professional college affiliated to JNTUK, Kakinada, offering engineering undergraduate courses in CE, CSE, ECE, EEE, IT, ME and post graduate courses M.Tech in ECE & CSE, MBA, MCA and IMBA. It was established in the year 2007 under the aegis of SRK Foundation. The members of the foundation include renowned academicians and industrialists. The college is fully established with all infrastructural facilities with well qualified and experienced faculty. Within a short period of its inception, the college has carved a niche among the already exiting popular colleges. Today, the institute is rated as one of the RISING STARS on the horizon.

ABOUT THE DEPARTMENT

The Department of Electronics and communication Engineering (ECE) was established in 2007. The department runs both UG and PG with well experienced faculty in various disciplines of ECE. The department also hosts state-of-the-art laboratory facilities supporting both hardware and software in conformity with the curriculum and beyond. The department organizes Faculty Development Programs frequently to enhance skills.

COURSE CONTENT:

- Introduction to Gateway redundancy
- DHCP client
- DHCP Server Configuration
- DHCP Relay Agent
- CISCO IOS File System
- Port-Security
- Dynamic ARP Inspection
- Countermeasures
- Port Address Translation
- Wildcard Bits
- Administrative Distance
- Longest Prefix Match Routing
- Introduction to Rout Summarization
- Introduction to NAT and PAT
- NAT Static
- NAT Dynamic

MAILING ADDRESS

Dr. S Sri Gowri,
Head of the Department,
Department Electronics and Communication
Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.
www.srkit.in
Email: srkecehod@gmail.com

Program Co-Ordinator :

Dr.D.Ravi Tej
Associate Professor
Phone Number: 9441747164

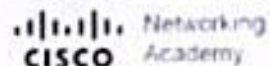

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SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



SRK INSTITUTE OF TECHNOLOGY



AUTONOMOUS | ACCREDITED BY NAAC WITH 'A' GRADE
APPROVED BY AICTE, NEW DELHI | PERMANENTLY AFFILIATED TO JNTUK | CERTIFIED BY ISO 9001:2015
ENKEPADU, VIJAYAWADA, 521108 PH. 0868 2843838. e-mail: srktech@srk.ac.in | www.srk.ac.in



Cybersecurity Essentials

Course Overview

A course designed for learners interested in pursuing a career in cybersecurity. It prepares for a Junior Cybersecurity Analyst role by equipping learners with job skills across three domains: Endpoint Security, Network Defence, and Cyber Threat Management.

Benefits

Cybersecurity skills are heavily sought in the job market. Students can apply for entry-level junior cybersecurity analyst roles or continue learning toward associate and professional positions.

Prepare for Careers

- ✓ Gain the skills needed for entry-level job, internship, and apprenticeship roles, such as Junior Cybersecurity Analyst, Cybersecurity Technician, Cybersecurity Specialist, and Tier 1 Help Desk Support.

Course Details

Target Audience: High school, secondary or vocational school and college/university students, general audience

Estimated Time to Completion: 70 hours

Prerequisites: Foundational understanding of networking and network device configuration

Course Delivery: Instructor-led

Learning Component Highlights:

- ✓ 27 modules and 75 practice activities
- ✓ Interactive activities and quizzes
- ✓ 1 final exam

Course Recognitions: Digital Badge

Certification Alignment: This course aligns with the CCST Cybersecurity certification.

Recommended Next Course: CyberOps Associate



Requirements

- ASC Alignment: Recommended
- Instructor Training: Recommended
- Basic Equipment: Computer and Internet
- Additional Equipment Required: No

www.srk.ac.in

Chaitanya
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENKEPADU, VIJAYAWADA-521 108.

CSE

Introduction to Cybersecurity

Explore



Security

Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

Benefits

Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 6 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- Links to related resources



Target Audience: Secondary and 2-Year college students, general audience

Prerequisites: None

Instructor Training Required: No

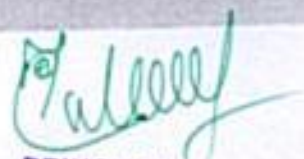
Alignment Required: No



Languages: Arabic, Chinese-S, Dutch, English, French, German, Hebrew, Indonesian, Italian, Japanese, Kazakh, Polish, Portuguese, Russian, Spanish, Ukrainian

Course Delivery: Instructor-led or Self-paced

Estimated Time to Complete: 15 hours



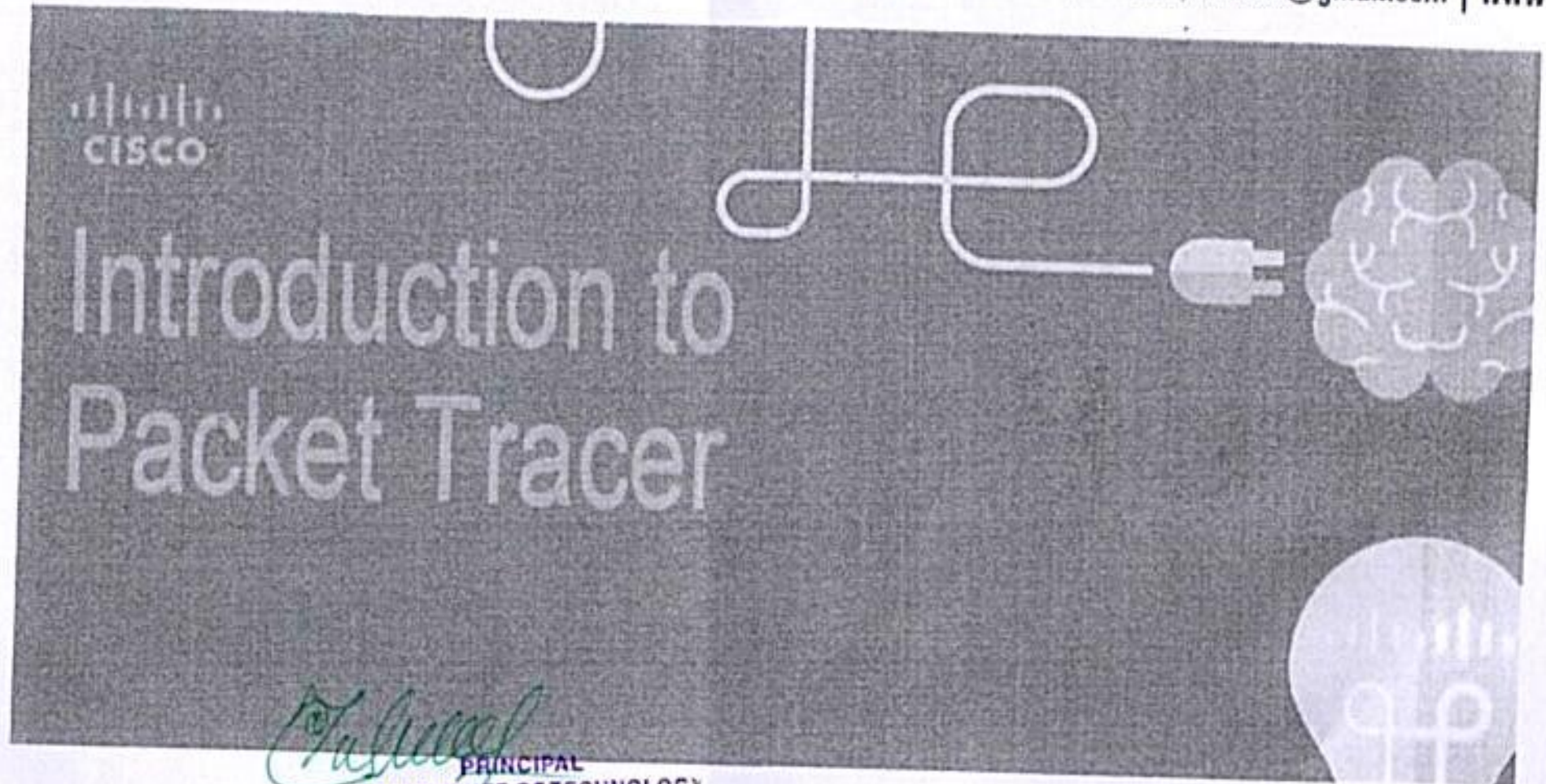
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SRK INSTITUTE OF TECHNOLOGY

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ENIKEPADU, VIJAYAWADA- 521108 PH. : 0866 2843839, e-mail : srktech@gmail.com | www.srktech.ac.in



[Signature]
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ENIKEPADU, VIJAYAWADA-521 108

Introduction to Packet Tracer Course

DESCRIPTION

- Teach Packet Tracer features and functionalities
- Teach students how to add, connect, configure, and troubleshoot networks using virtual equipment
- Teach students how to add, connect, configure and monitor smart devices
- Teach students how to create, configure and modify a Thing with Packet Tracer

FEATURES

- Self-paced course; instructors may also be able to create and teach
- Instructional and tutorial videos
- Activities and labs
- Assessments
- Course duration: 70 hours

TARGET AUDIENCE

- Students with minimal knowledge of Packet Tracer
- Students with some knowledge of networking and IoT



CSD

Introduction to Cybersecurity

Export



Course Overview

The Introduction to Cybersecurity course explores cyber trends, threats and staying safe in cyberspace, and protecting personal and company data.

Benefits

Learn how to protect your personal data and privacy online and in social media, and why more and more IT jobs require cybersecurity awareness and understanding.

Learning Components

- 5 modules
- Interactive and instructional content
- 8 Activities and 7 lab exercises that reinforce learning
- 4 quizzes and 1 final exam
- Links to related resources



Target Audience: Secondary and 2-Year college students, general audience

Prerequisites: None

Instructor Training Required: No

Alignment Required: No



Languages: Arabic, Chinese-S, Dutch, English, French, German, Hebrew, Indonesian, Italian, Japanese, Kazakh, Polish, Portuguese, Russian, Spanish, Ukrainian

Course Delivery: Instructor-led or Self-paced

Estimated Time to Complete: 15 hours

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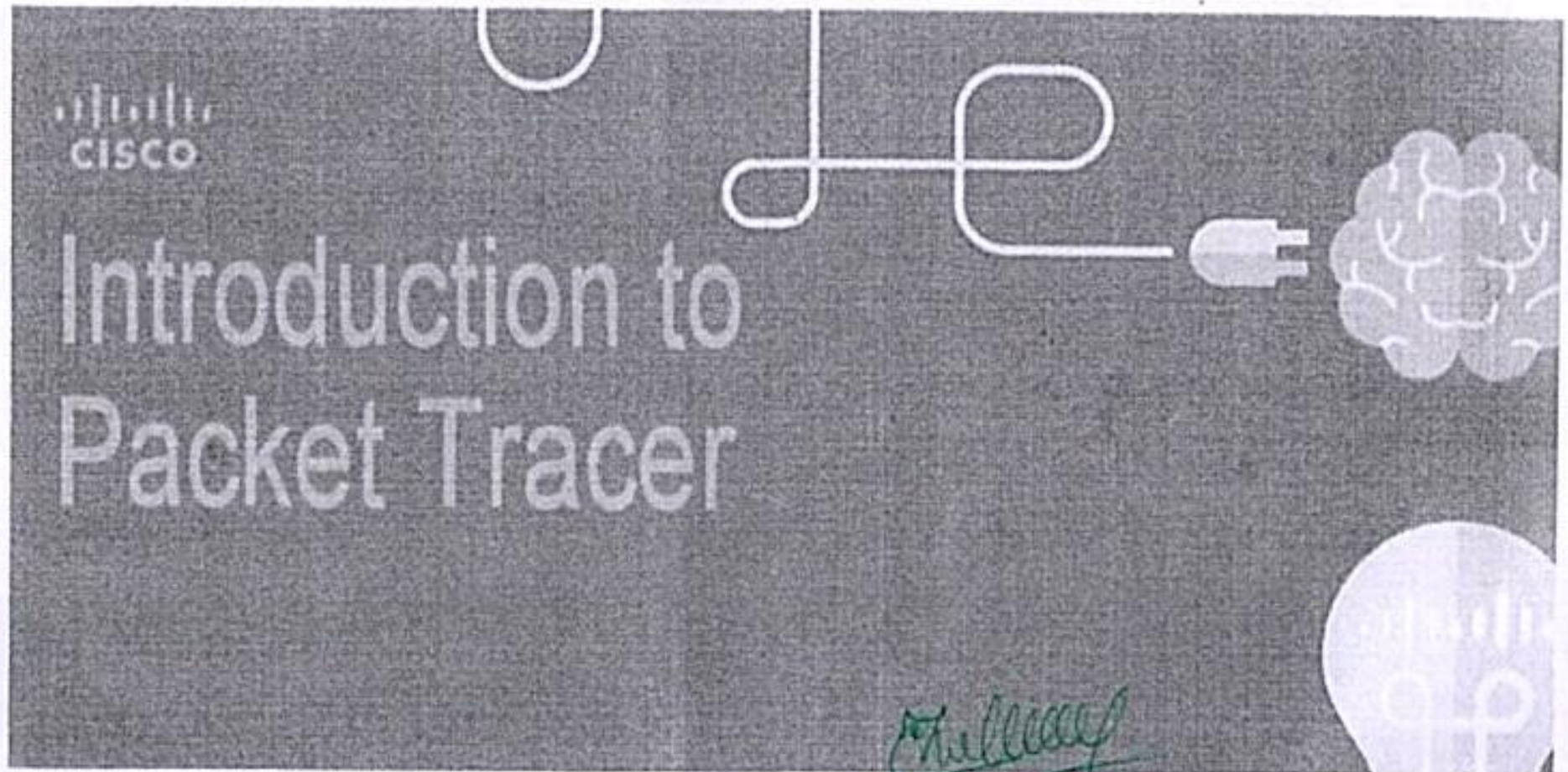


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ENIKEPADU, VIJAYAWADA-521 108.

Introduction to Packet Tracer Course

DESCRIPTION

- Teach Packet Tracer features and functionalities
- Teach students how to add, connect, configure, and troubleshoot networks using virtual equipment
- Teach students how to add, connect, configure and monitor smart devices
- Teach students how to create, configure and modify a Thing with Packet Tracer

FEATURES

- Self-paced course; instructors may also be able to create and teach
- Instructional and tutorial videos
- Activities and labs
- Assessments
- Course duration: 70 hours

TARGET AUDIENCE

- Students with minimal knowledge of Packet Tracer
- Students with some knowledge of networking and IoT





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CISCO

Introduction to Packet Tracer

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ENIKEPADU, VIJAYAWADA-521 108.

Introduction to Packet Tracer Course

DESCRIPTION

- Teach Packet Tracer features and functionalities
- Teach students how to add, connect, configure, and troubleshoot networks using virtual equipment
- Teach students how to add, connect, configure and monitor smart devices
- Teach students how to create, configure and modify a Thing with Packet Tracer

FEATURES

- Self-paced course; instructors may also be able to create and teach
- Instructional and tutorial videos
- Activities and labs
- Assessments
- Course duration: 70 hours

TARGET AUDIENCE

- Students with minimal knowledge of Packet Tracer
- Students with some knowledge of networking and IoT



[Handwritten Signature]
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SRK INSTITUTE OF TECHNOLOGY
NIKEPADU, VIJAYAWADA-521 108.

A Six Days Certification Program
On
"INDUSTRIAL PLC PROGRAMMING"
18th to 23rd March, 2024

REGISTRATION FORM

Name _____

Department _____

Roll Number _____

Address

State _____

Pin _____

Gender: M / F

Email _____

Phone Number

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M. Ekambaram Naidu
Principal, SRKIT

CONVENOR

Mr. S. Nageswara Rao
HoD-EEE

RESOURCE PERSON

Dr. B. Madhu Kiran
Professor

A Six Days Certification Program
On

"INDUSTRIAL PLC PROGRAMMING"

Organized by Department of Electrical and
Electronics Engineering

18th to 23rd March, 2024



SRK INSTITUTE OF TECHNOLOGY

(An ISO 9001:2015 Certified Institution, Affiliated
to JNTUK, Kakinada), Enikepadu, Vijayawada
521108, Andhra Pradesh, India.

[Handwritten Signature]
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

ABOUT THE INSTITUTION

SRK Institute of Technology is a professional college affiliated to JNTUK, Kakinada, offering engineering undergraduate courses in CE,CSE, ECE, EEE, IT, ME and post graduate courses M.Tech in ECE & CSE, MBA, MCA and IMBA. It was established in the year 2007 under the aegis of SRK Foundation. The members of the foundation include renowned academicians and industrialists. The college is fully established with all infrastructural facilities with well qualified and experienced faculty. Within a short period of its inception, the college has carved a niche among the already exiting popular colleges. Today, the institute is rated as one of the RISING STARS on the horizon.

ABOUT THE DEPARTMENT

Department of Electrical & Electronics engineering is started in the year 2012 at present intake with 60. The department is heading with an objective to develop industry ready engineers while meeting local industry needs. The department is an integral part of SRK Institute of Technology, Vijayawada.

Since inception the department has well experienced and committed faculty, who continuously strive for the benefit of the students and their career development. The strength of the department is its laboratory facilities besides good infrastructure. Department of EEE also has a dedicated Projects lab to carry project activities by the students and faculty. Faculties of the department

continuously encourage /drive the students to involve in industrial visits, internships and also provide various training programs to enhance the technical skills of the students.

COURSE CONTENT:

Day 1:

- Introduction to PLC
- Overview of PLC hardware components

Day 2:

- PLC Architecture and Operation
- CPU and memory organization

Day 3:

- PLC Programming Languages
- Instruction List

Day 4:

- Boolean logic and relay logic
- Advanced PLC Programming

Day 5:

- Human-Machine Interface
- PLC Integration

Day 6:

- PLC Troubleshooting
- Safety PLCs and safety relays

MAILING ADDRESS

Mr. S. Nageswara Rao,
Head of The Department,
Department of Electrical and Electronics
Engineering,
SRK Institute of Technology,
Enikepudu, Vijayawada - 521108
Andhra Pradesh, India.
www.srkit.in
Email: srkeehod@gmail.com

Program Co- Ordinator :

Ms. T. Maha Lakshmi
Phone Number: 8125146209


PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

Six Days Add-On Certification
Program On

"Design for Testability using EDA Tools"
20th to 27th March, 2024

REGISTRATION FORM

Name _____

Department _____

Roll Number _____

Address _____

State _____

Pin _____

Gender: M / F

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. S Sri Gowri
HoD-ECE

RESOURCE PERSON

Mr. R. Upendar Rao
Director, BIST Technology
Mr. Asharaf Ali
Director, BIST Technology

Six Days Add-On Certification
Program On

"Design for Testability using EDA Tools"

Organized by Department of
Electronics and Communication
Engineering
20th to 27th March, 2024



SRK INSTITUTE OF TECHNOLOGY

(An ISO 9001:2015 Certified Institution,
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Accredited with NAAC 'A' Grade
Enikepadu, Vijayawada, 521108,
Andhra Pradesh, India.

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SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108



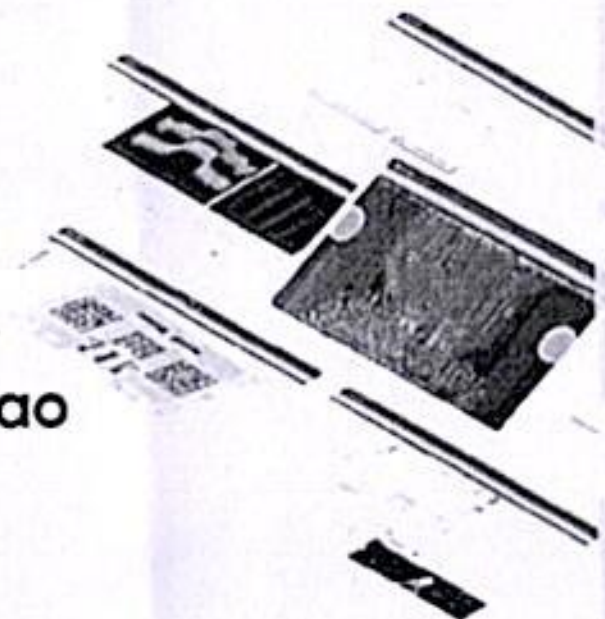
Design for Testability using EDA Tools

6 Days Certification Program

March 20th - 27th 2024

Resource Person
Mr. R. Upendar Rao
Director, Bist Technologies

Mr. Asharaf Ali
Director, Bist Technologies



SRK INSTITUTE OF TECHNOLOGY

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Permanent Affiliated to JNTUK | ISO 9001:2015 Certified Institution
Enikepadu, Vijayawada - 521 108. A.P. India.

[Signature]
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108

Five Day Add on Program
On
"CISCO-Introduction to
Networks"

28th March to 03rd March 2024

REGISTRATION FORM

Name _____

Department _____

Name of the Institute _____

Address _____

State _____

Pin _____

Gender: M / F

Experience in years _____

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

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Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. S Sri Gowri
HoD-ECE

RESOURCE PERSON

Mr.G.Surya Prakash
Specialist Trainer
CISCO

Five Day Add on Program
On
"CISCO-Introduction to
Networks"

Organized by Department of
Electronics and Communication
Engineering

28th March to 03rd March 2024



SRK INSTITUTE OF TECHNOLOGY
Approved by AICTE, Affiliated to JNTU
Kakinada
(ISO 9001:2015 Certified Institution)
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PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 108.

ABOUT THE INSTITUTION

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ABOUT THE DEPARTMENT

The Department of Electronics and communication Engineering (ECE) was established in 2007. The department runs both UG and PG with well experienced faculty in various disciplines of ECE. The department also hosts state-of-the-art laboratory facilities supporting both hardware and software in conformity with the curriculum and beyond. The department organizes Faculty Development Programs frequently to enhance skills.

COURSE CONTENT:

- Introduction to Wide Area Networks (WAN)
- Subnetting
- Classes InterDomain Routing
- Variable Length Subnet Mask
- Create a Subnetting Cheat Sheet
- Traceroute
- Introduction to OSPF
- OSPF Configuration
- OSPF Packet and Neighbor Discovery
- OSPF Reference Bandwidth
- OSPF DR/BDR Election
- OSPF Passive Interface
- OSPF Multi-Area
- Telnet Server and Client
- Syslog
- Configuration Register

MAILING ADDRESS

Dr. S Sri Gowri,
Head of The Department,
Department Electronics and Communication
Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada - 521108
Andhra Pradesh, India.
www.srkit.in
Email: srkecehod@gmail.com

Program Co- Ordinator :

Dr.D.Ravi Tej
Associate Professor
Department of ECE
Phone Number: 9441747164



PRINCIPAL

SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521108.

Five Day Add on Program
On
"CISCO- Switching, Routing &
Wireless Essentials"
04th April to 10th April 2024

REGISTRATION FORM

Name _____

Department _____

Name of the Institute _____

Address _____

State _____

Pin _____

Gender: M / F

Experience in years _____

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

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Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

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Principal, SRKIT

CONVENOR

Dr. S Sri Gowri
HoD-ECE

RESOURCE PERSON

Mr. G. Surya Prakash
Specialist Trainer
CISCO

Five Day Add on Program
On

"CISCO- Switching, Routing
& Wireless Essentials"

Organized by Department of
Electronics and Communication
Engineering

04th April to 10th April 2024

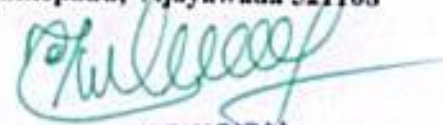


SRK INSTITUTE OF TECHNOLO

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Kakinada

(ISO 9001:2015 Certified Institution)

Accredited by NAAC 'A' Grade
Enikepadu, Vijayawada 521108



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COURSE CONTENT:

- Default Gateway
- Static Routing
- Floating Static Route
- IP Routing
- Router on a Stick
- Administrative Distance
- Longest Prefix Match Routing
- Introduction to Rout Summarization
- Introduction to Gateway Redundancy
- DHCP client
- DHCP Server Configuration
- DHCP Relay Agent
- Introduction to SNMP
- Introduction to NAT and PAT
- NAT Static
- NAT Dynamic
- Port Address Translation
- Troubleshooting NAT/PAT
- Access-Lists
- Wildcard Bits
- Standard Access-List
- Telnet Server and Client
- Syslog
- Configuration Register

MAILING ADDRESS

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Head of The Department,
Department Electronics and Communication
Engineering,
SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.
www.srkit.in
Email: srkecehod@gmail.com

Program Co-Ordinator :

Dr.D.Ravi Tej
Associate Professor
Department of ECE
Phone Number: 9441747164

PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
ENIKEPADU, VIJAYAWADA-521 105

Five Day Add on Program
On
"CISCO-Enterprise
Networking"

12th April to 19th April 2024

REGISTRATION FORM

Name _____

Department _____

Name of the Institute _____

Address _____

State _____

Pin _____

Gender: M / F

Experience in years _____

Email _____

Phone Number _____

Signature of Participant Head of the Institution

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRON

Sri B. Sri Krishna
Secretary, SRK Foundation

CHAIR PERSON

Dr. M Ekambaram Naidu
Principal, SRKIT

CONVENOR

Dr. S Sri Gowri
HoD-ECE

RESOURCE PERSON

Mr.G.Surya Prakash
Specialist Trainer
CISCO

Five Day Add on Program
On
"CISCO-Enterprise
Networking"

Organized by Department of
Electronics and Communication
Engineering

12th April to 19th April 2024



SRK INSTITUTE OF TECHNOLOGY

Approved by AICTE, Affiliated to JNTU
Kakinada

(ISO 9001:2015 Certified Institution)

Accredited by NAAC 'A' Grade

Eikepadu, Vijayawada 521108

(Signature)
PRINCIPAL
SRK INSTITUTE OF TECHNOLOGY
EIKEPADU, VIJAYAWADA 521108

ABOUT THE INSTITUTION

SRK Institute of Technology is a professional college affiliated to JNTUK, Kakinada, offering engineering undergraduate courses in CE,CSE, ECE, EEE, IT, ME and post graduate courses M.Tech in ECE & CSE, MBA, MCA and IMBA. It was established in the year 2007 under the aegis of SRK Foundation. The members of the foundation include renowned academicians and industrialists. The college is fully established with all infrastructural facilities with well qualified and experienced faculty. Within a short period of its inception, the college has carved a niche among the already exiting popular colleges. Today, the institute is rated as one of the RISING STARS on the horizon.

ABOUT THE DEPARTMENT

The Department of Electronics and communication Engineering (ECE) was established in 2007. The department runs both UG and PG with well experienced faculty in various disciplines of ECE. The department also hosts state-of-the-art laboratory facilities supporting both hardware and software in conformity with the curriculum and beyond. The department organizes Faculty Development Programs frequently to enhance skills.

COURSE CONTENT:

- Threats
- Vulnerabilities
- Countermeasures
- Port-Security
- AAA and 802.1X
- DHCP Snooping
- AAA User Authentication
- AAA Admin Authentication
- ARP Poisoning
- Dynamic ARP Inspection
- Firewalls
- CISCO IOS File System
- Campus Network Design
- Spine and Leaf Architecture
- OSPF Default Route
- OSPF Passive Interface

MAILING ADDRESS

Dr. S Sri Gowri,
Head of The Department,
Department Electronics and Communication
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SRK Institute of Technology,
Enikepadu, Vijayawada – 521108
Andhra Pradesh, India.
www.srk.it.in
Email: srkecehod@gmail.com

Program Co- Ordinator :

Dr.D.Ravi Tej
Associate Professor
Department of ECE
Phone Number: 9441747164


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ENIKEPADU, VIJAYAWADA-521 108.

One Week Add-on Certificate
Programme On

"Devop's in Action"

22 to 27 ,april,2024

REGISTRATION FORM

Name _____

Year _____

Department _____

Name of the Institute _____

Address _____

State _____ Pin _____

Gender: M / F

Experience in years _____

Details of Registration fee:

Amount _____ DD No. _____ Date _____

Name of the bank _____

Email _____

Phone Number _____

Signature of participant _____ Head of the Institution _____

Date: _____

ORGANIZING COMMITTEE

CHIEF PATRON

Sri B.S. Appa Rao
Chairman, SRK Foundation

PATRONS

Sri B. Sri Krishna
Secretary , SRK Foundation

CHAIRPERSON

Dr.M.ElambaramNaidu
Principal, SRKIT

CONVENER


Dr.G.D.K.Kishore
HOD-IT,
SRK Institute of Technology.

CO-ORDINATOR

Ms.Amrita Mishra
Asst. Professor
Department of IT,
SRK Institute of Technology.

RESOURCE PERSON

Dr.N.Srinivasu,
Professor,
KL University.


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ENIKEPADU, VIJAYAWADA-521 108.

One Week Add-on Certificate
Programme

On

"Devop's in Action"

Organized by Department of
Information Technology ,
Vijayawada.

22 to 27 ,april,2024



SRK INSTITUTE OF TECHNOLOGY,

Enikepadu,Vijayawada ,521108.

An Autonomous Institution ,

Approved by AICTE

Permanently Affiliated to JNTUK,

(An ISO 9001:2015 Certified Institution,

Affiliated to JNTU, Kakinada),

Department of Information Technology

ABOUT THE INSTITUTION

SRK Institute of Technology was established in the year 2007 under JNTUK Affiliation. It is located in the heart of city of Rural Vijayawada, the new capital city of Andhra Pradesh. Since its inception in 2007, the institution has been dedicated to impart quality education to professional students for innovations and leadership in a global competitive world. The institution is offering engineering courses in CE, CSE, ECE, EEE, IT, M.E. and Post Graduate Courses M.Tech in CSE, ECE, MCA & MBA.

ABOUT THE DEPARTMENT

The Department of Information Technology established in 2007, shown constant pursuits of excellence. The department has a cohesive team of highly qualified, professionally competent and well recognized faculty. The department endeavours to produce IT experts to fulfil the requirement in IT sectors.

The department has conducted workshops, guest lectures, techno-fests and training programs in association with various organizations like APSSDC, APITA, CISCO, etc..

COURSE CONTENT

Day 1: Introduction to DevOps

- DevOps culture and principles.
- DevOps lifecycle overview.
- Activities: Watch videos on DevOps principles. Read an article or book chapter on "DevOps: A Software Architect's Perspective."

Day 2: Version Control with Git & GitHub

- Git and GitHub basics (cloning repos, creating branches, committing changes).
- Practice basic Git commands (git clone, git commit, git push, git pull). Learn about pull requests (PR) and merging.

Day 3: Continuous Integration (CI) Tools for CI (Jenkins, Travis CI, GitHub Actions).

- Activities: Set up a basic Jenkins pipeline.
- Create a simple "Hello World" application (in Java, Python, or Node.js).

Day 4: Continuous Delivery (CD)

- CI vs CD (Continuous Delivery vs Continuous Deployment).
- Tools for CD (Jenkins, GitLab CI, AWS CodePipeline).

- Use a cloud platform (AWS, Azure, or GCP) to deploy the application.

Day 5: Infrastructure as Code (IaC)

- What is IaC and why is it important in DevOps?
- Write a simple Terraform script to provision cloud infrastructure (e.g., an EC2 instance on AWS).

Day 6: Monitoring and Logging

- Importance of monitoring for continuous improvement.
- Tools for monitoring (Prometheus, Grafana, ELK Stack, Datadog).
- Activities: Set up Prometheus and Grafana to monitor system performance.

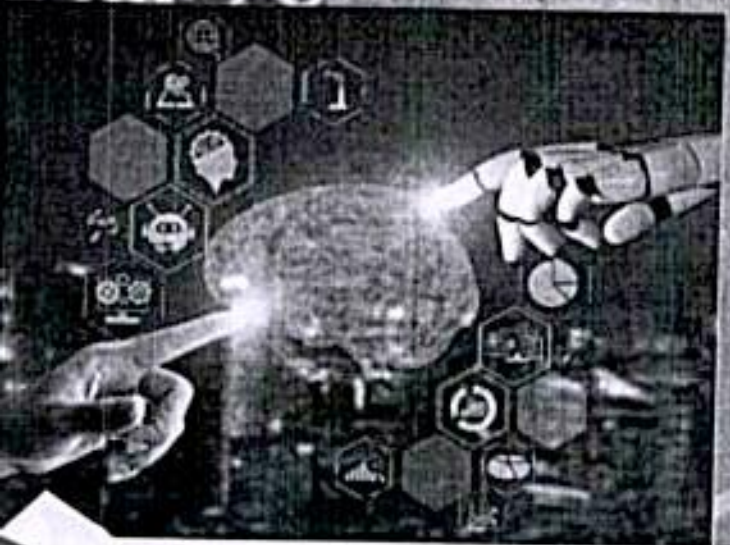
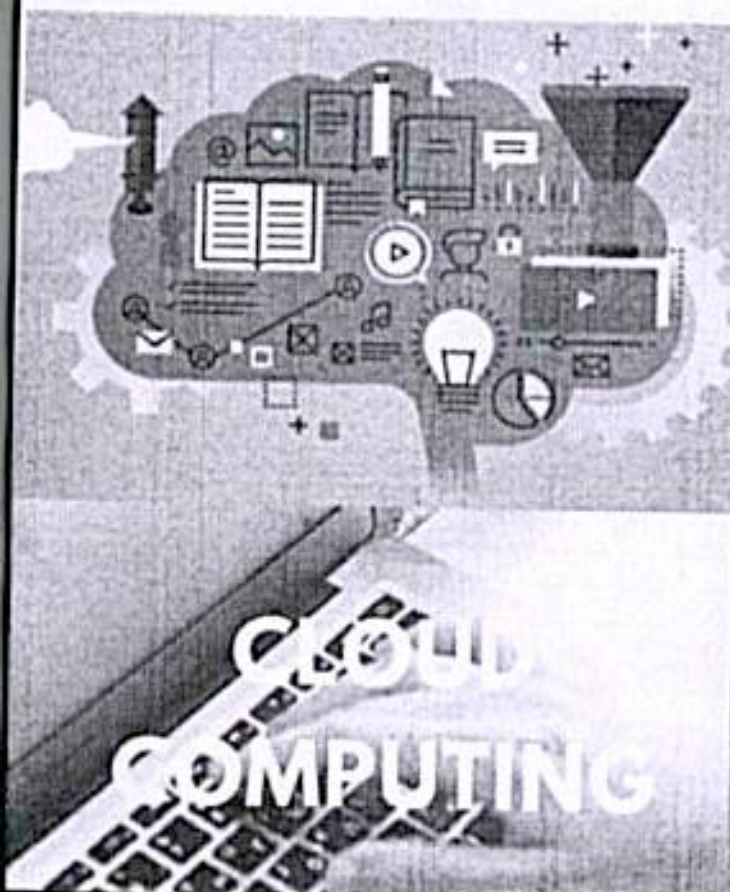
MAILING ADDRESS

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Andhra Pradesh, India.
www.srkit.in
Email: srk.itdept@gmail.com



Coordinator
Ms. Amritha Mishra

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ENIKEPADU, VIJAYAWADA-521 108



- Day 1: Systems modeling, Clustering and virtualization
- Day 2: Virtual Machines and Virtualization of Clusters and Data Center
- Day 3: Cloud Platform Architecture
- Day 4: Cloud Programming and Software Environments
- Day 5: Cloud Resource Management and Scheduling
- Day 6: Storage Systems

COMMITTEE MEMBERS

Chief Patron :

Sri B. S. Appa Rao,
Chairman, SRK FOUNDATION

Patrons :

Sri B. S. Sri Krishna
Secretary, SRK FOUNDATION
Dr. M. Ekambaram Naidu, Principal, SRKIT

Resource Person :

Ms. K. Pavanl

Convener :

Ms. M. Anitha HOD, Dept of MCA

Faculty Co-ordinator :

Mr. E. Nagaraju

*One Week Ada
Program*

Cloud Computing



VIJAYAWADA

- NH 5, Opposite Pratap Industries, Eikepadu,
- Vijayawada,
- Andhra Pradesh,
- India - 521108

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About the Program

The main focus of CLOUD COMPUTING is to learn the main objective of the course is to implement Virtualization, Task Scheduling algorithms, apply Map-Reduce concept to applications, building Private Cloud and to know the impact of engineering on legal and societal issues involved. Interpret the key dimensions of the challenge of Cloud Computing Examine the economics, financial, and technological implications for selecting cloud computing and for own organization Assessing the financial, technological, and organizational capacity of employer's for actively, initiating and installing cloud-based applications Evaluate own organizations' needs for capacity building and training in cloud computing-related IT areas Illustrate Virtualization for Data-Center Automation



Date

27th May' 2024 to 01stJun '2024

Time

09:30AM to 4:30PM

Venue


Computer Center,
Second Floor, SRKIT

About Institution

SRK Institute of Technology is one of the best engineering colleges located in Vijayawada, Andhra Pradesh. The college was established in the year 2007 with a visionary chairman Sri B.S.AppaRao. It offers Bachelor's Engineering degree in all major branches and Master's Degrees MBA, MCA and M.Tech in CSE and ECE.

About the Department

The Department of Master of Computer Applications lead by Mrs. M. Anitha is equipped with the best of resources ensuring high quality education to students. The MCA department is associated with Leading India. Ai, Bennett University, Greater Noida, which is playing major role in the reach of Artificial Intelligence to students and researchers in India.


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