2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

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2	Participative Learning	13-19
3	Problem-Solving	20-25
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EXPERIENTIAL LEARNING

Laboratory session:

LAB SAFETY GUIDELINES

INDUSTRIAL VISIT:-

INTRENSHIPS:-

APSCHE - EduSkills
2022
VIRTUAL INTERNSHIP

APSCHE
Andhra Pradesh State Council of Higher Education

EduSkills®
Nation Building Through Skills

Virtual Internship Completion Certificate

This is to certify that

Yeruva Bhaskar Reddy

Krishna Chaitanya Institute Of Technology & Sciences

has successfully completed 10 weeks
Cybersecurity Virtual Internship
During Sep - Nov 2022

Supported By paloalto Cybersecurity Academy

WPS Office

Prof. K. Hemachandra Reddy
Chairman, Andhra Pradesh State Council of Higher Education

Saravanan Rajagopal
Training Partner Manager, APAC
Palo Alto Networks

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills

Certificate ID :752ab84f3cfaa90e178253fb6dd194b4

Andhra Pradesh State Council of Higher Education

EduSkills®
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Virtual Internship Completion Certificate

This is to certify that

VENNA SIVA SANKAR REDDY

Krishna Chaitanya Institute Of Technology & Sciences

has successfully completed 10 weeks
AI-ML Virtual Internship
During Sep - Nov 2022

Supported By aws academy

Prof. K. Hemachandra Reddy
Chairman, Andhra Pradesh State Council of Higher Education

Dr. Satya Ranjan Biswal
Chief Technology Officer (CTO)
EduSkills

Certificate ID :004cb072f47a7b2ed4c7528456c076da

Networking Academy
CISCO

Certificate of Course Completion

Shainy Unaisy

has successfully achieved student level credential for completing the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governments.
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.

Scan to Verify

December 18, 2022

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SHAIK ABDUL RAZAK

for successfully completing the course

System Design Through VERILOG

with a consolidated score of **53** %

Online Assignments	22.92/25	Proctored Exam	30/75

Total number of candidates certified in this course: **645**

Jul-Sep 2022

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL22EE104S24740028 To validate the certificate No. of credits recommended: 2 or 3

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

BASANI KEERTHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **70** %

Online Assignments	21.25/25	Proctored Exam	48.44/75

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS96S34360024 To validate the certificate No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

SD HASEEN TAJ

for successfully completing the course

Problem Solving Through Programming in C

with a consolidated score of **52** %

Online Assignments	13/25	Programming Assignment	18.75/25	Proctored Exam	20/50

Total number of candidates certified in this course: **2015**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS101S44360228 To validate the certificate No. of credits recommended: 3 or 4

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

GUNTAKA BHARATHI

for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **57** %

Online Assignments	22.47/25	Proctored Exam	34.37/75

Total number of candidates certified in this course: **9793**

Jul-Oct 2022

(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS96S34360069 To validate the certificate No. of credits recommended: 3 or 4

PARTICIPATIVE LEARNING

PPT:-

WED is a global platform for inspiring positive
change.People from more than 150 countries
participate in this United Nations international
day,which celebrates environmental action and the
power of governments ,businesses and individuals to
create a more sustainable world.
Rachel Carson is the mother of environmental
rements.Ramdeo Misra laid the foundation of
gy and environmental science in the country.He
called as 'father of Indian ecology'by the
gist world over.

ARDUINO
What Does Arduino Mean?
Arduino refers to an open-source electronics platform or board and the software used to
program it. Arduino is designed to make electronics more accessible to artists, designers,
hobbyists and ayone interested in creating interactive objects or environments.
PARTS PRESENT ON ARDUINO BOARD
Reset button
USB port
TX and RX LEDs
Power connector
Pin 13 LED
Digital Pins
Power LED
Power Pins
Analog inn
Atmega microcontroller

EXISTED WORK
Static traditional system :
open loop , where wait time for each is fixed and possibility of too much wait time , in case of unbalanced traffic these types of system may motivate to disobey the signals
Image processing using CCTV cameras
low visibility conditions. Performance affected by inclement weather such as fog rain and snow
Vehicular communication(mobile sensing)
Along with these installation and maintenance costs are also high for image processing using CCTV , vehicular communication

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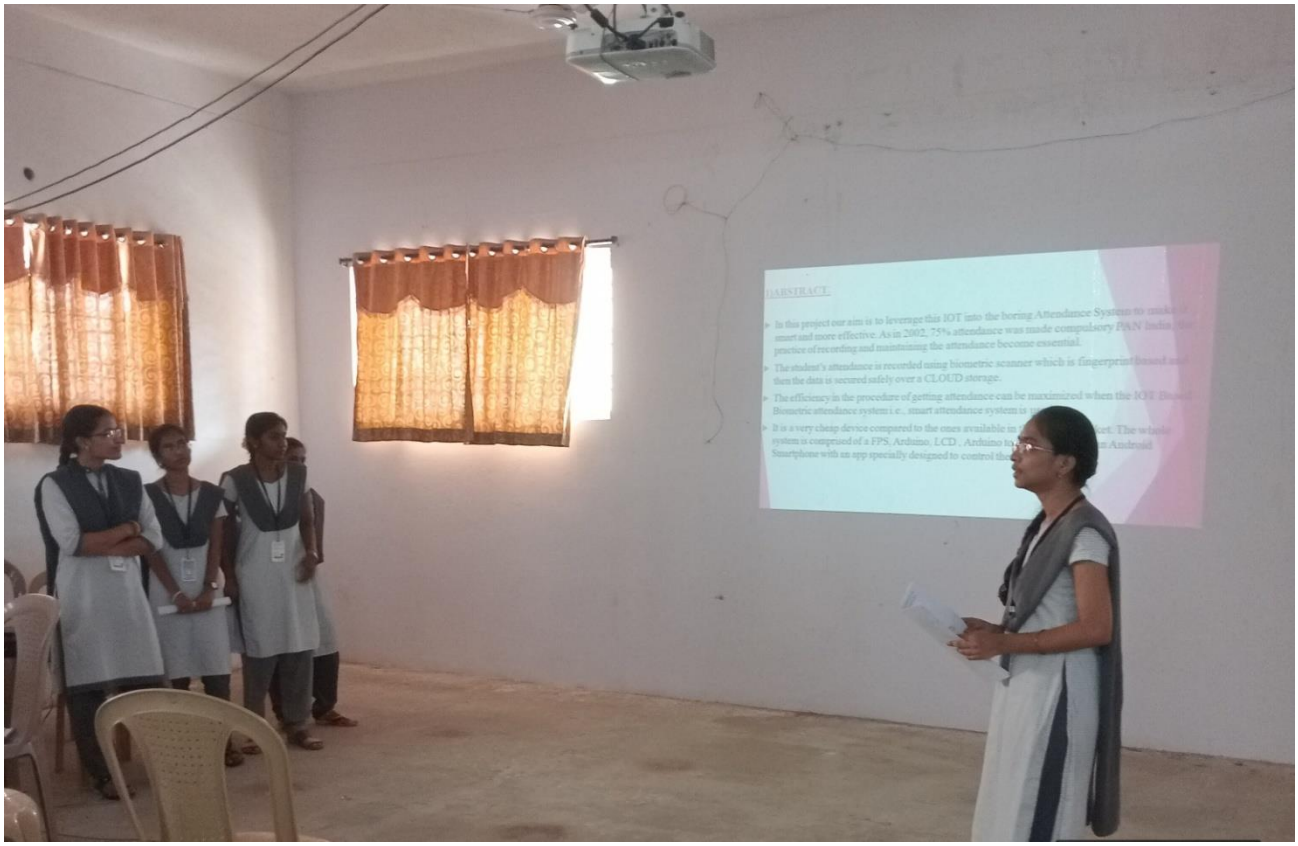

Workshops:-

DIGITAL SYSTEM DESIGN USING VERILOG
HDL AND CARRIER OPPORTUNITIES IN VLSI
DATES: 03-03-2023 to 10-03-2023
Organized by
KITS

Technical QUIZ:-

Group discussions:-

PROBLEM-SOLVING

Hands on Training:-

Project based learning:-

KITS
KRISHNA CHAITANYA INSTITUTE
OF
TECHNOLOGY & SCIENCES
KITS

KITS
KITS

Tutorial Classes:-

ICT TOOLS

Use of E- Resources by Students in a LAB:-

Use of ICT Tools While Delivering Lectures by Faculty Members:-

<u>The Seminar halls and class rooms are equipped with ICT Tools</u>:-

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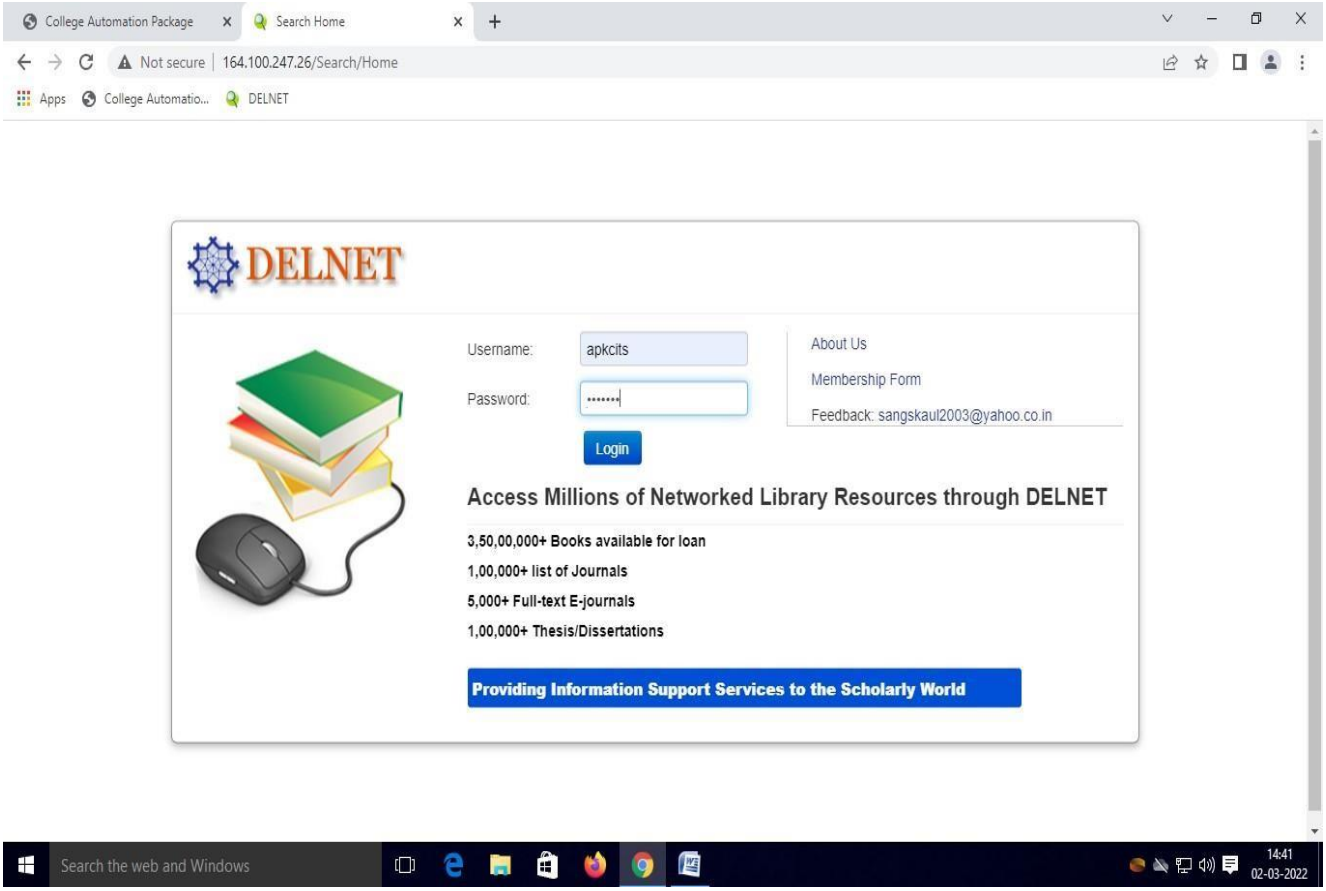
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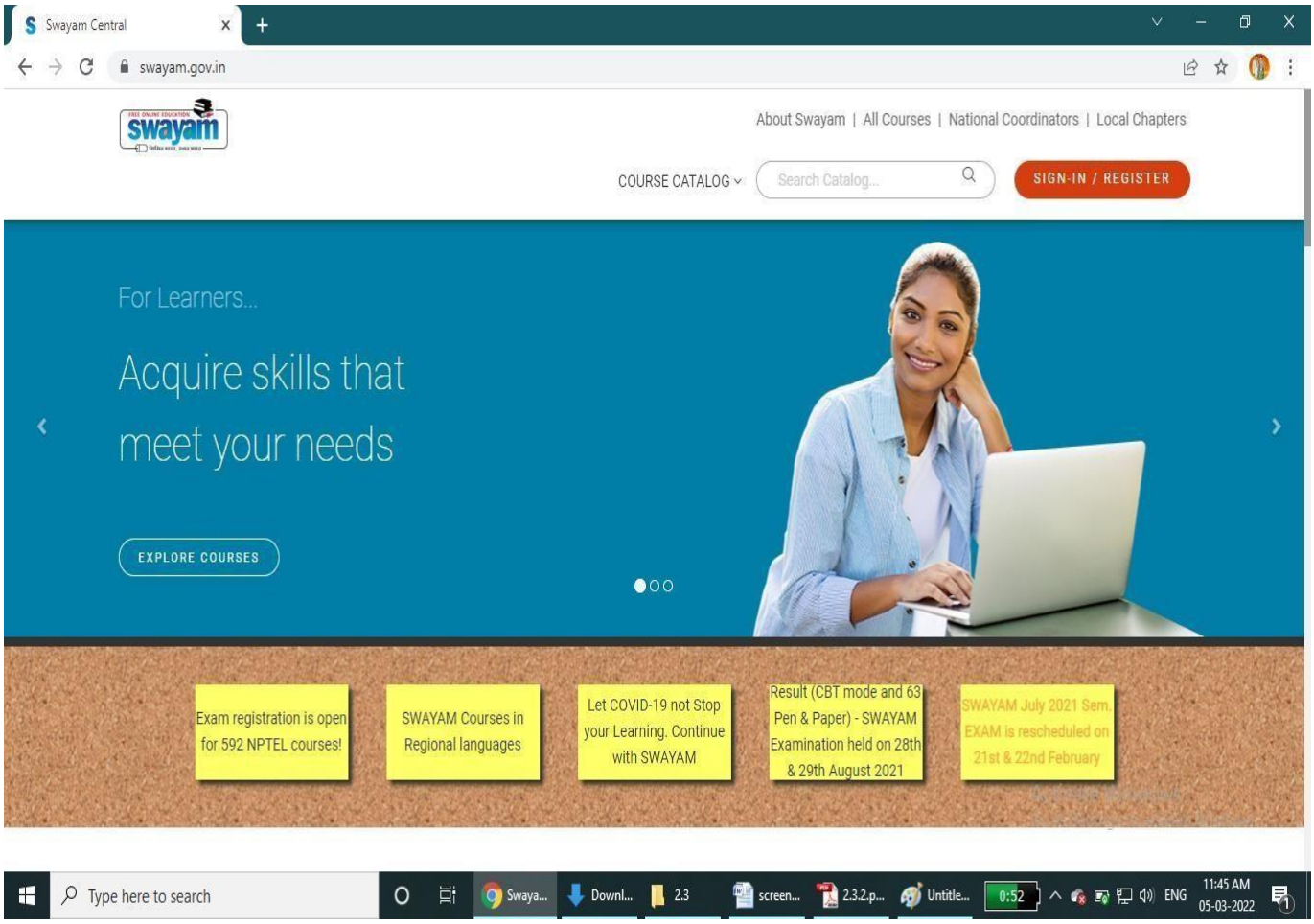
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