2.3.2. Teachers use ICT enabled tolls for effective teaching-learning process.

S.No.	Description
1	Sample copy of Chalk board
2	Sample copy of Online Teaching
3	Sample copy of Edu-blogs
4	Sample copy of Integrated courses
5	Sample copy of Massive Open online course
6	Sample copy of Social Media in Education
7	Sample copy of Ability Assessment Test
8	Sample copy of Microsoft Teams
9	Sample copy of Google Teams
10	Sample copy of Slide share
11	Sample copy of Course Handouts
12	Sample copy of MOODLE

Principal

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M.P. Patelguda (V), Ibrahimpatnam (...,
Ranga Reddy (Dist), TS-501 510.

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1. **CHALK BOARD(LECTURE METHOD):** To convey basics, critical information, history, background, theories and equations.

Mr.Pranusha Reddy ,Assistant Professor of CSE Department Explaining "Web Technologies" for B.Tech CSE III year I Semester students by using Chalk board (A.Y.23-24).

Mr.Raji Reddy ,Assistant Professor of MBA Department Explaining "BEFA" for B.Tech CSE(AIML) II year I Semester students by using Chalk board(A.Y.23-24).

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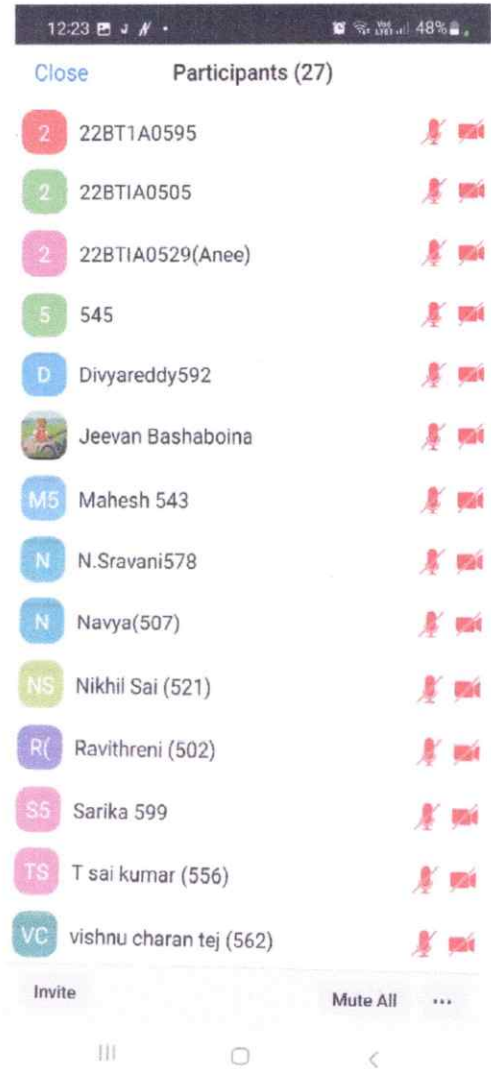An ISO 9001 : 2015 and ISO 14001 : 2015 Certified Institution

2. **ONLINE TEACHING:** Faculty made a swift transition from classroom to online teaching by using Google meet.

Mrs Syed Thisin ,Assistant Professor
of CSE Department
Explaining

"Data Structures" for B.Tech CSE II year I Semester students by using Google Meet(A.Y.23-24)

MrsT.Ramyasri ,Assistant Professor of CSE Department Explaining "Complier Design" for B.Tech CSE III year I Semester students by using Google Meet(A.Y.23-24)

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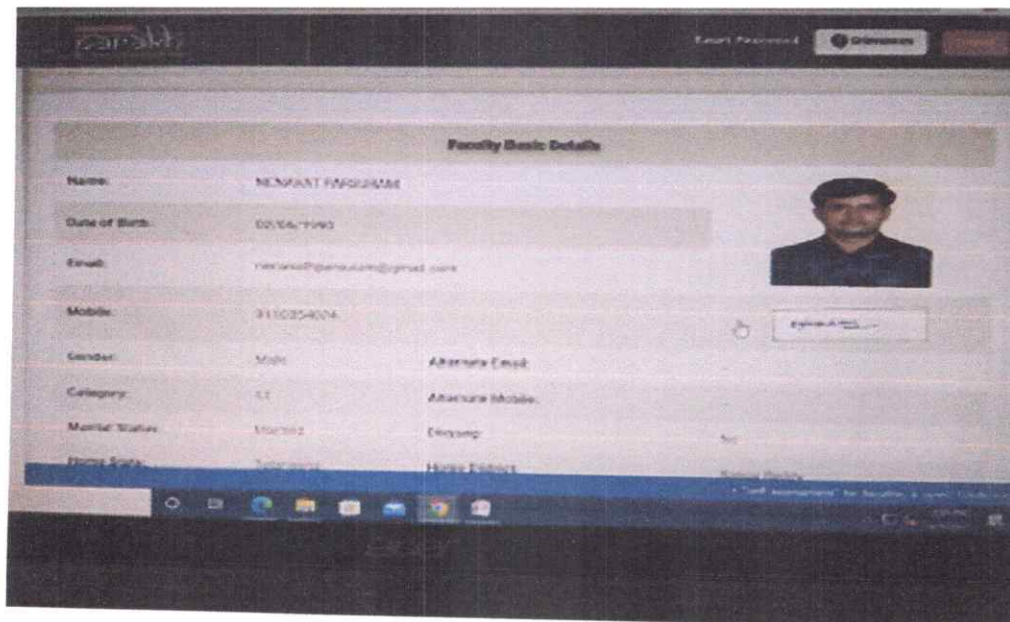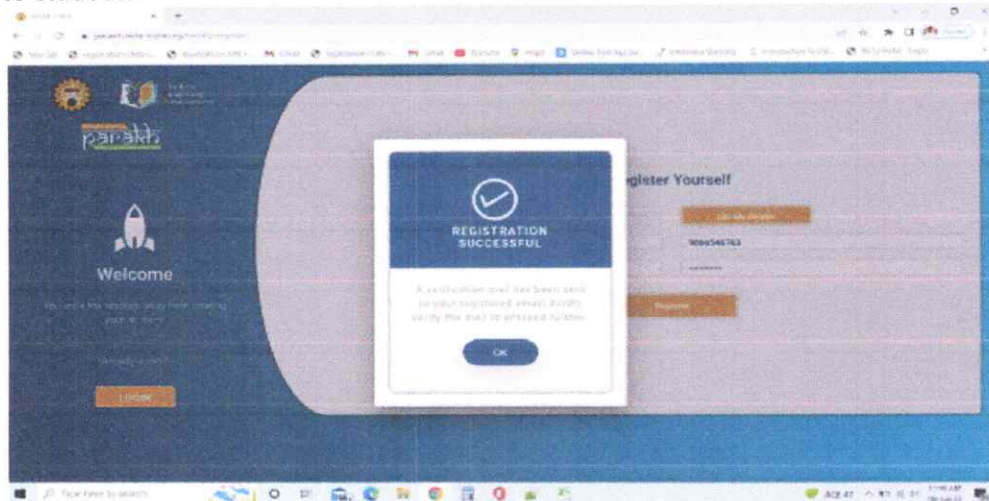Ranga Reddy (Dist), TS-501 510.

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3. **PARAKH BLOG**:Faculty blogs uses as instructional potential for online resources to students

Faculty registered in Parakh blog to assist students in all courses

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Visvesvaraya College of Engineering & Technology
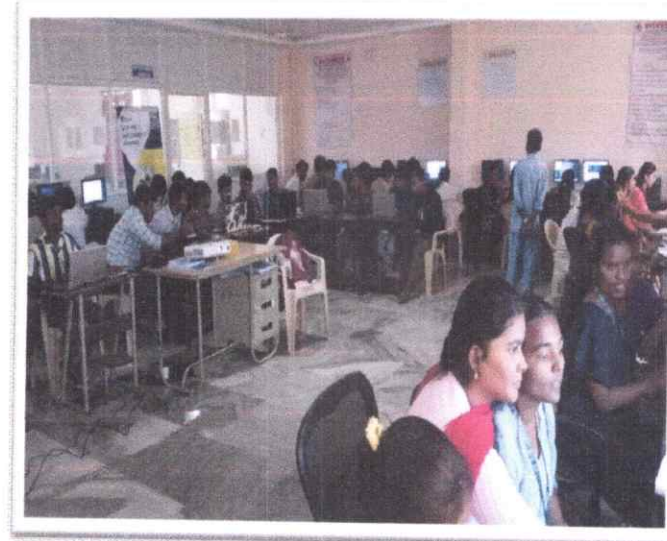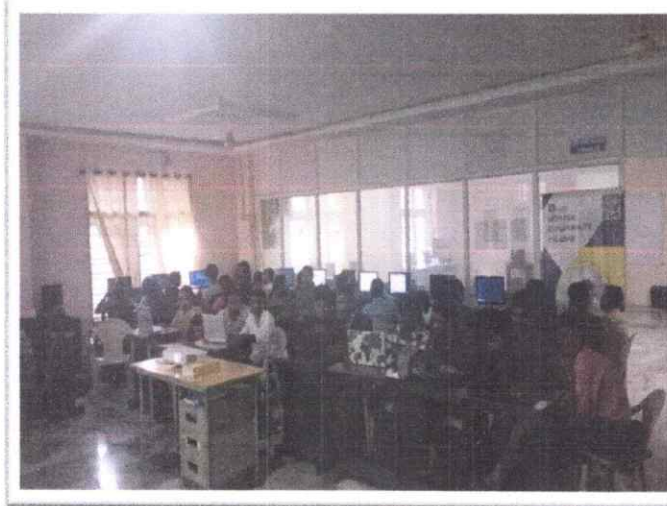M.P. Patelguda (V), Ibrahimpatnam (M),
Ranga Reddy (Dist), TS-501 510.

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4. **INTEGRATED COURSE:**Faculty Members of Visvesvaraya College of Engineering and Technology used Virtual labs apart from regular laboratory tool for enhancing their skills beyond the curriculum.

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Ranga Reddy (Dist), TS-501 510.

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5. **MASSIVE OPEN ONLINE COURSE:** Faculty enroll for various course NPTEL,SWAYAM for better understanding of the subject and encourages the students to get certified.

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

PASUMALA VAMSHI DHAR REDDY

for successfully completing the course

Fundamentals of Artificial Intelligence

with a consolidated score of **50** %

Online Assignments	18.81/25	Proctored Exam	31.5/75

Total number of candidates certified in this course: 3260

Jul-Oct 2024
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24GE47S350201371   To verify the certificate   No. of credits recommended: 3 or 4

P Vamshidhar Reddy has certified in NTPEL on course of "FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE"

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to

SYED THISIN

for successfully completing the course

Computer Vision and Image Processing – Fundamentals and Applications

with a consolidated score of **54** %

Online Assignments	24.38/25	Proctored Exam	30/75

Total number of candidates certified in this course: 1010

Jan-Apr 2024
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL24EE38S357404587   To verify the certificate   No. of credits recommended: 3 or 4

Syed Thisin has certified in NTPEL on course of "COMPUTER VISION AND IMAGE PROCESSING – FUNDAMENTALS AND APPLICATIONS"

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Ranga Reddy (Dist), TS-501 5

National Institute of
Technical Teachers Training and Research
Chandigarh

MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

Certificate

This is to certify that

RAMAKRISHNA SHARMA DHULIPALA

**VISVESVARAYA COLLEGE OF ENGINEERING AND TECHNOLOGY,
HYDERABAD TELANGANA
TELANGANA**

Participated in the AICTE Recognized Faculty Development Programme

on

Nanomaterials, Sensors and Devices

Conducted by

Applied Science Department

from

16/09/2024 to 20/09/2024 (One Week)

at

NITTTR, Chandigarh

Coordinator   Director
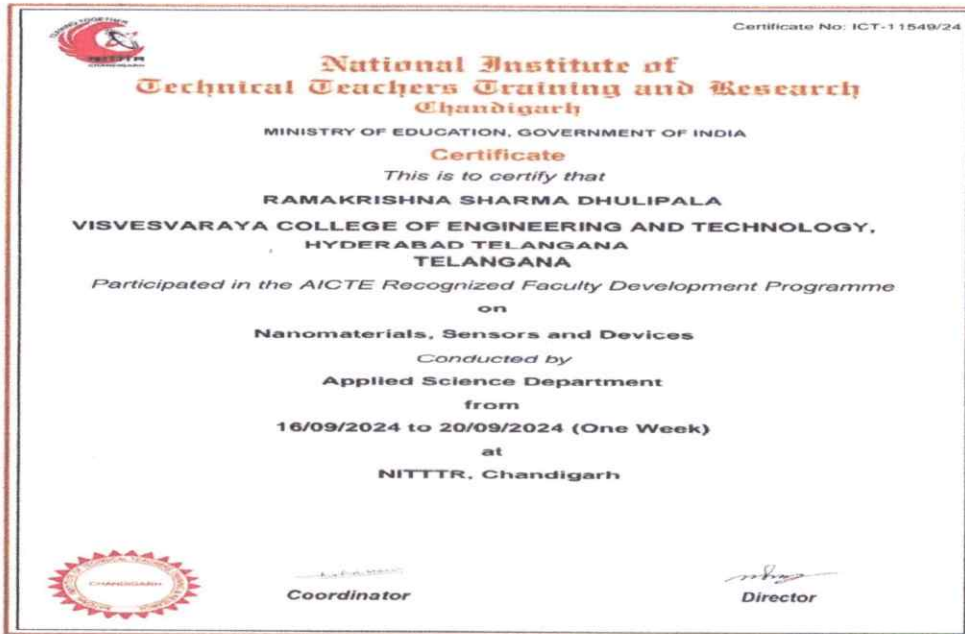
Rama Krishna Sharma Dulipala has certified in NITTR on course of
"NANOMATERIAL, SENSORS AND DEVICES"

Certificate of Participation

This Certificate is Awarded to

DR KALARI SRIKANTH

For Successful Completion of Orientation Program on NAAC Accreditation &
Documentation Blueprint Conducted by Accreditation Ranking and Certification Network
of India (ARCNET India) and CliMed Research Solutions, India, on January 04, 2024.

DR. AJIT SINGH
CEO & Founder
CliMed Research Solutions - India

DR. MAHENDRA S RATHORE
Adviser and Trainer, ARCNET INDIA

Principal
Visvesvaraya College of Engineering & T
M.P. Patelguda (V), Ibrahimpatnam (,.,
Ranga Reddy (Dist), TS-501 510.

NXT WAVE™

Certificate
of Appreciation

Issued to

Syed Thisin, (Head of Department)

has played an instrumental role executing the workshop 'AI for Students: Build Your Own Generative AI Model' conducted by AI expert and IIT Delhi alumnus, Mr. Trivikrama. The workshop is designed to equip students with skills essential in the AI era.

Issue Date: Jan 23, 2024

Rahul A
CEO, NxtWave

VERIFIED ACHIEVEMENT

NXT WAVE™

Certificate
of Appreciation

Issued to

Veluru Hirish Reddy, (Faculty Coordinator)

has played an instrumental role executing the workshop 'AI for Students: Build Your Own Generative AI Model' conducted by AI expert and IIT Delhi alumnus, Mr. Trivikrama. The workshop is designed to equip students with skills essential in the AI era.

Issue Date: Jan 23, 2024

Rahul A
CEO, NxtWave

VERIFIED ACHIEVEMENT

Principal
Visvesvaraya College of Engineering &
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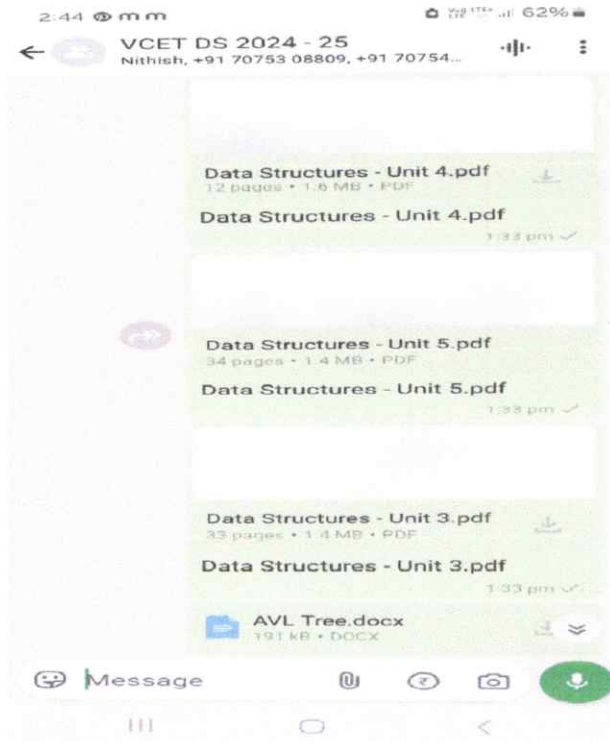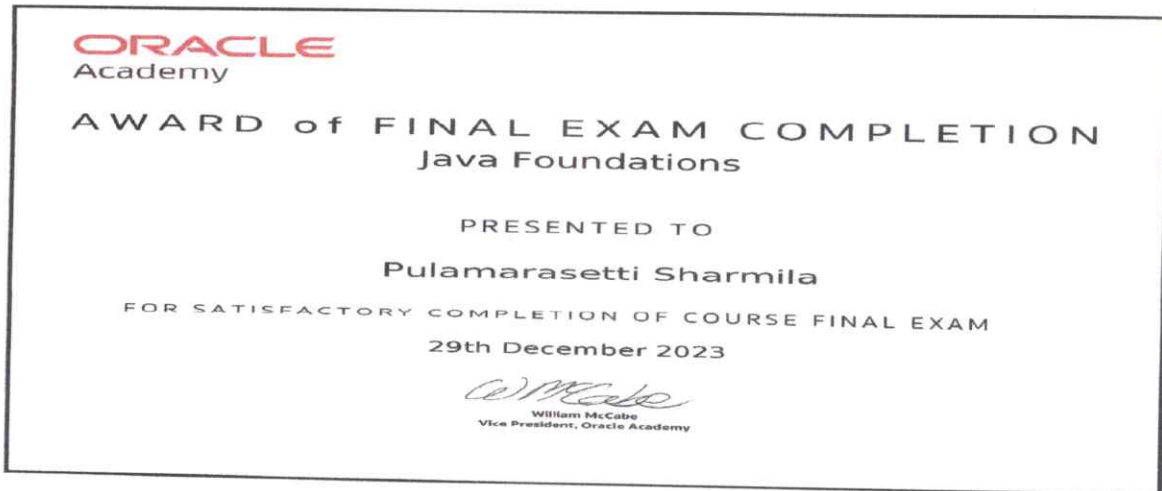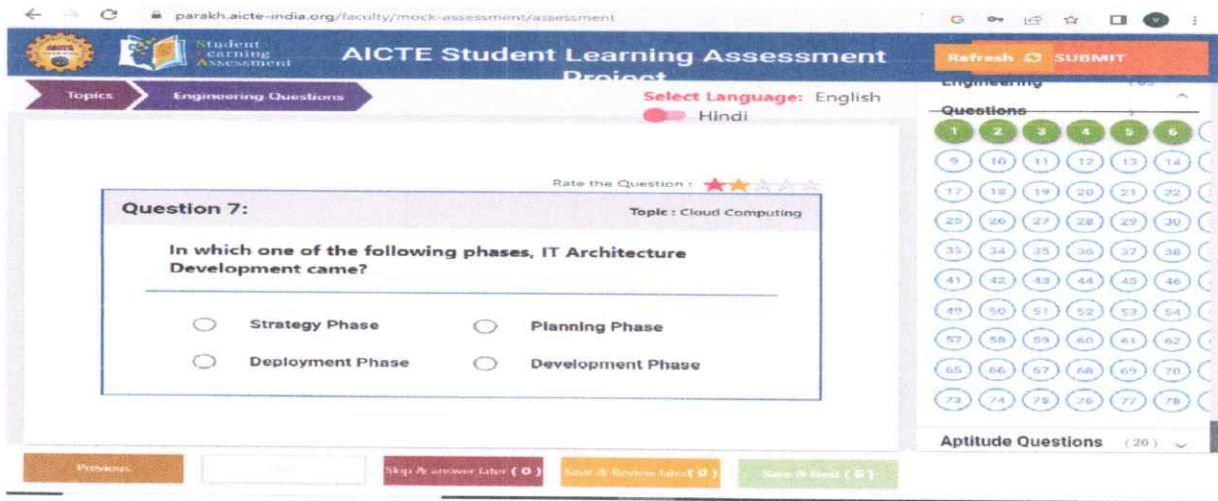Ranga Reddy (Dist), TS-501 510.

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6. Social Media in Education: Faculty members use the social media platforms like whatsapp Telegram to connect with the students for sharing information

Faculty members are using multimedia to share materials to Student.

Principal
Visvesvaraya College of Engineering '
M.P. Patelguda (V), Ibrahim;'
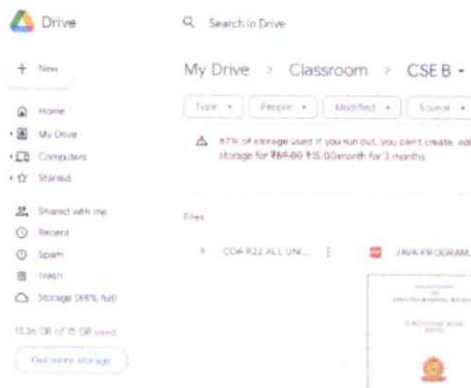Ranga Reddy (Dist), TS-5....

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7. Ability Assessment Test: The institution providing various online platform like, Student

Learning Assessment for training and to assess the capabilities of students in analytical skills, aptitude, technical skills.

ORACLE
Academy

AWARD of FINAL EXAM COMPLETION
Java Foundations

PRESENTED TO

Pulamarasetti Sharmila

FOR SATISFACTORY COMPLETION OF COURSE FINAL EXAM

29th December 2023

William McCabe
Vice President, Oracle Academy

Principal
Visvesvaraya College of Engineering & Tech
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Ranga Reddy (Dist), TS-501 510.

ORACLE
Academy

AWARD of FINAL EXAM COMPLETION
Java Foundations

PRESENTED TO

Gayatri Trishmayee

FOR SATISFACTORY COMPLETION OF COURSE FINAL EXAM

22nd December 2023

William McCabe
Vice President, Oracle Academy

ORACLE
Academy

AWARD of FINAL EXAM COMPLETION
Java Foundations

PRESENTED TO

Srinath Yadav

FOR SATISFACTORY COMPLETION OF COURSE FINAL EXAM

31st December 2023

William McCabe
Vice President, Oracle Academy

Principal
Visvesvaraya College of Engineering & Technology
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8. GOOGLE MEET: VCET faculty using MEET class room for Create and manage classes, assignment, and grades online without paper and materials to your assignment.

GOOGLE MEET STUDENTS INFORMATION

D. Roshan

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Visvesvaraya College of Engineering & Technology
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Instructions | Student work

9
Assigned

33
Turned in

☐ TURNED IN

☐	👤	19BT-537 Asrith	10/10 Draft
☐	👤	19BT0515 Shiva shanker ...	Turned in Done late
☐	👤	19BT507 Manodhar reddy	10/10 Draft
☐	👤	19BT512 Vaishnavireddy	10/10 Draft
☐	👤	19BT524 Sree varshini	10/10 Draft
☐	👤	19BT525 Dharani	10/10 Draft
☐	👤	19BT531 preethi	10/10 Draft
☐	👤	19BT546 Bhanu	10/10 Draft

< ○ ≡

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9. GOOGLE FORMS: The faculty of VCET using Google Forms for assessing the students for quiz, assignments etc..,

COMPLIERDESIGNMID-IEXAM PAPER

*Indicatesrequiredquestion

1. Email*

_____

2. Name:

_____

3. H.T.no:

_____

1.Acompiler is a translator that converts source program to a   *1 point

_____.

Markonlyoneoval.

◯ HLL

◯ Exe Code

◯ Assembly Code

◯ • MachineCode

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2. The number of tokens in the following code is _____ .if(x>y)z= 0;   *1 point

Markonlyoneoval.

- ⬭ 10
- ⬭ 9
- ⬭ 8
- ⬭ 7

3.   Which of the following function is application for non-terminal   *   1 point

Markonlyoneoval.

- ⬭ FIRST ONLY
- ⬭ NeitherFIRSTnorFOLLOW
- ⬭ Either FIRST or FOLLOW
- ⬭ FOLLOW only

4. Which of the following is not a bottom upparser   1 point
Markonlyoneoval.

- ⬭ LALR
- ⬭ Predictiveparser
- ⬭ Canonical LR
- ⬭ SLR
- ⬭ Other:

5. IN LL(1) parsing the second L refer to   1point

Markonlyoneoval.

( ) Leftmostderivation

( ) Left to right

( ) Lexicalanalysis

( ) Logicalanalysis

( ) Other: _____

6. Intermediate code generation is .... phase in complier   1point
design

Markonlyoneoval.

( ) Second

( ) First

( ) Fourth

( ) Third

7. FOLLOW is applicable for   1point

Markonlyoneoval.

( ) Onlynon-terminals

( ) Eitherterminalsornonterminals ( )

Only terminals

( ) neitherterminalsnornonterminals

4.　8.　The output of lexical analysis is　　　　　　　　　　　　　　　1point

Markonlyoneoval.

- A sequence of patterns
- A sequence of lexemes
- A sequence of tokens
- Asequenceofcharacters

5.　9.. iaan arbitrary integer value that represents　1point
the lexeme

Markonlyoneoval.

- Token
- Phase
- Pass
- LEX

6.　10.　YACCstandsfor..................　　　　　　　　　　　　　　1point

Markonlyoneoval.

- Yet another complier complier
- Yetanothercomputercomputer
- Yet another complier computer
- Yet another computer complier

7.　11. The output from lex compiler using LEX tool is _____　　　　1point

Markonlyoneoval.

- lex.ll.c
- lex.yy.c
- lex.l
- lex.yy.l

11.   15. Grammar of the programming is checked at _____ phaseof   1point
compiler.

Markonlyoneoval.

◯ Semanticanalysis

◯ Syntax analysis

◯ Codeoptimization

◯ Code generation

12.   16. Agrammarthatproducesmorethanoneparsetreeforsomesentence is called as   1point

Markonlyoneoval.

◯ Ambiguous ◯

Unambiguous ◯

Regular

◯ All of these

13.   17. _____ isthe most general phase structured grammar.   1point

Markonlyoneoval.

◯ Contextsensitive

◯ Regular

◯ Contextfree ◯

All of these

8. 12. Shift reduce parsers are

Markonlyoneoval.

- ( ) Top down Parser
- ( ) BottomUpparser
- ( ) Maybetopdownorbottomup ( )
- None of the mentioned

9. 13. Inacompilerconstructionphase,thephasethatremovescomment lines is

_____

Markonlyoneoval.

- ( ) Syntax Analyzer
- ( ) SemanticAnalyzer
- ( ) Lexical Analyzer
- ( ) Lexical Analyzer

10. 14. Whichofthefollowinggroupsis/aretokentogetherintosemantic structures

Markonlyoneoval.

- ( ) .Syntaxanalyzer
- ( ) Intermediatecodegeneration ( )
- Lexical analyzer
- ( ) Semantic analyzer

1point

1point

1point

14. 18. Whatisthenameoftheprocessthatdeterminingwhetherastringof tokens can be   1point
generated by a grammar

Markonlyoneoval.

◯ Analysing ◯

Recognizing ◯

Translating ◯

Parsing

15. 19. Aparse tree showing the values of attributes at each node is called   1point
_____.[

Markonlyoneoval.

◯ syntax ◯

augmented ◯

annotated ◯

semantic

16. 20. The value of _____attributeiscomputedfromthevalue of   1point
attributes at the siblings and parent of that node.

Markonlyoneoval.

○   L-

○   attribut

○   e S-

attribut

e

.Synthesize

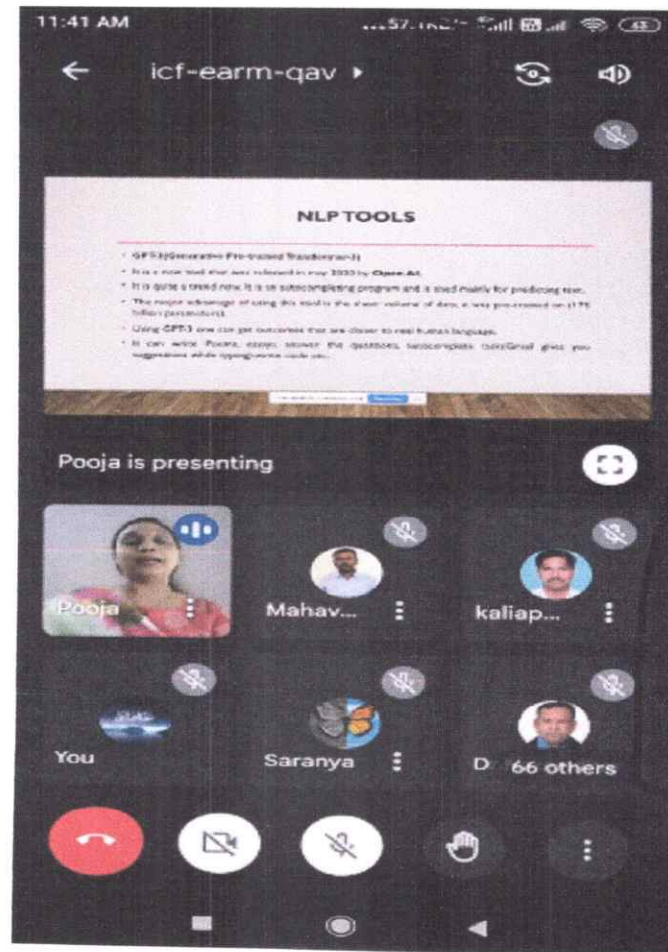○   dInherited

○   Other:

GoogleForms

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10. SLIDE SHARE: With the help of Google Slide, faculty presents the content at the real time

Faculty is delivering contents of NPL TOOLS IV YEAR STUDENTS

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11. COURSE HANDOUTS: Course handouts consists of Video, Lectures Notes, Assignment, Questions Tutorial questions and answers a model papers.

Course Name: DATABASE MANAGEMENT SYSTEMS

Course Code: CS402ES

Regulation and Academic Year: 2021-2022

Class & Year: II CSE A&B

Department: COMPUTER SCIENCE AND ENGINEERING

Faculty Name: T.RAMYASRI

Faculty Department: CSE

FACULTY SIGNATURE   VERIFIED BY HOD   APPROVED BY HOC   PRINCIPAL SIGNATURE

DATABASE COURSE FILE FRONT PAGE FOR (A.Y 21-22)

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Ranga Reddy (Dist), TS-501 510.

COURSE FILE CONTENTS

1. Institute Vision & Mission, Department Vision & Mission
2. PEO, PO &PSO Statements
3. Course Information sheets
   - 3.1 Academic Calendar
   - 3.2 Subject Time Table
   - 3.3 Syllabus
   - 3.4 Course Objectives
   - 3.5 Course Outcomes
   - 3.6 Relationship of Cos to Pos & Relationship of Cos to Pos
   - 3.7 Teaching Plan
   - 3.8 Result Analysis with Bar Chart
4. Lecture Notes
   - 4.1 Unit Wise Lecture Notes
   - 4.2 Add on Course Material
5. Question Bank
   - 5.1 Unit Wise Question Bank
   - 5.2 University Question Papers
6. Continuous Evaluation
   - 6.1 Mid Question Paper with key
   - 6.2 Sample Assignment Sheets
7. Attendance Register(Daily Attendance & Topic Delivery Report)

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Ranga Reddy (Dist), TS-501 510.

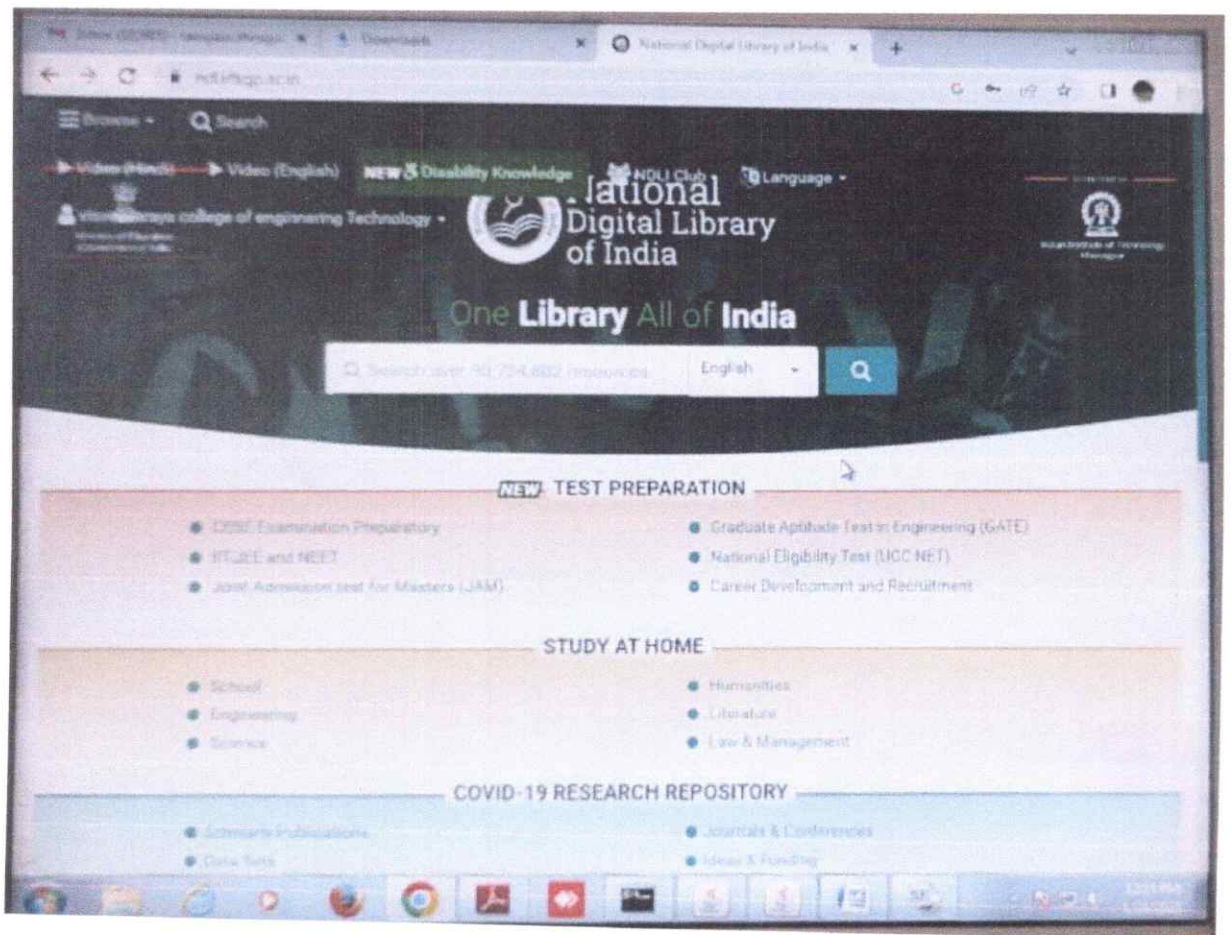12. MOODLE: It provides an E-learning platform that has different environments for learners with dynamic, interactive, non linear access to a wide range of information as well as to self directed learning in online communication.

NATIONAL DIGITAL LIBRARY OF INDIA HOME PAGE

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