



GVR&S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Affiliated to JNTUK, Govt.of.A.P, India.)

Ganginenipuram, Budampadu, Etukuru (P.O), Guntur (Dt) – 522017, A.P, India.

E-mail: gvrscet@yahoo.com, website: www.gvrsc.ac.in

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

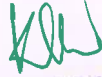
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1. **CHALK BOARD (LECTURE METHOD):** To convey basics, critical information, history, background, theories and equations



Mr. Ch. Papa Rao ,Associate Professor of CSE Department Explaining “Compiler Design”for B.Tech CSE III year II Semester students by using Chalk board(A.Y.22-23)


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




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Participants (7)

Participant Name	Role	Microphone	Video
Anjaneyulu Macherla	(Host, me)	On	Off
MESA PAUL BHAKT SINGH		On	Off
G. Abel		Off	Off
Mohammad Soheb		Off	Off
NagaRaju A		Off	Off
RAMMOHANREDDY DONDETI		Off	Off
VAMSI		Off	Off

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1

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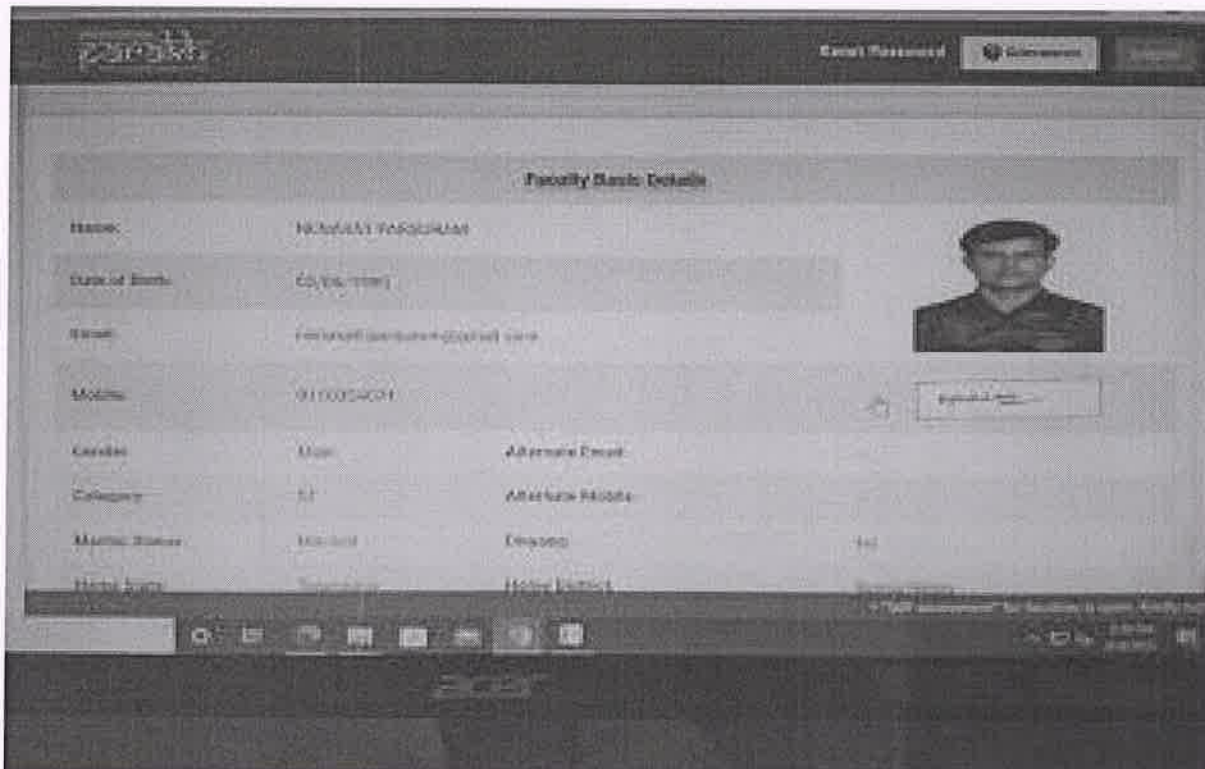


3

Like Comment Send Share

K.S.V.
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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

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



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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.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

RAJESH YAMPARALA

for successfully completing the course

Cloud Computing

with a consolidated score of **70** %

Online Assignments	25/25	Proctored Exam	45.32/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: **16686**

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS89S543300604

To verify the certificate



No. of credits recommended: 3 or 4

RAJESH YAMPARALA has certified in NPTEL on course of "CLOUD COMPUTING"

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Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
RAJESH YAMPARALA
for successfully completing the course
Cyber Security and Privacy

with a consolidated score of **69** %

Online Assignments	24.44/25	Proctored Exam	45/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **6011**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023
(12 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS127S643300975

To verify the certificate



No. of credits recommended: 3 or 4

RAJESH YAMPARALA has certified in NPTEL on course of “CYBER SECURITY AND PRIVACY”

Kew

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NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MALAPATI NARESH

for successfully completing the course

Operating System Fundamentals

with a consolidated score of **49** %

Online Assignments	14.03/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 1433

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS123S743300571

To verify the certificate

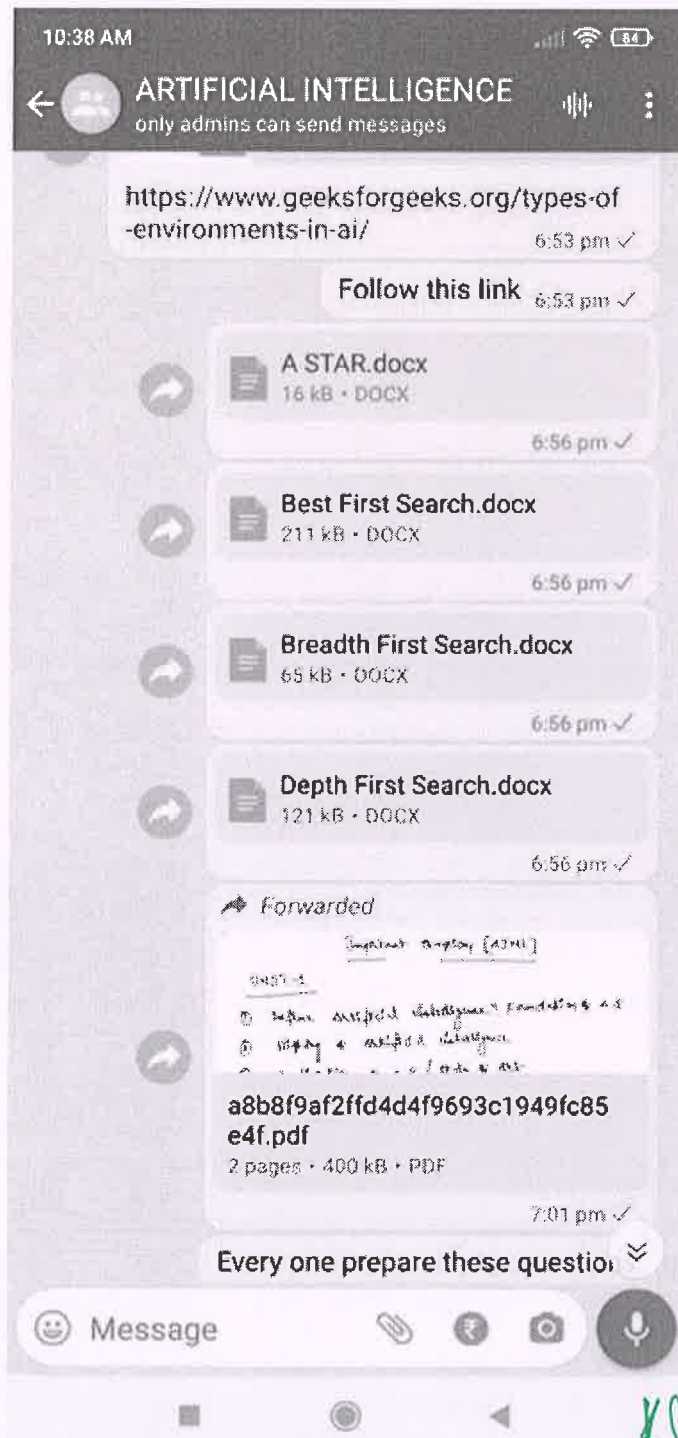


No. of credits recommended: 3 or 4

MALAPATI NARESH has certified in NPTEL on course of “OPERATING SYSTEM FUNDAMENTALS”

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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



Koo
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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.

testbook CT 1: Programming & Data Structures (Programming in C) Time Left 00:29:12

SECTIONS **Chapter Test**

Question No. 10 Marks +2 -0 Time 00:12 View in English Report

```
int main()
{
    int var1 = 5, var2 = 10;
    int *ptr1 = &var1, *ptr2 = &var2;
    Func(&ptr1, &ptr2);
    printf("%d %d ", var2, var1);
}
```

Let the output of var2 be x and the output of var1 be y.
Which of the following is/are true?
**This question may have multiple correct answers*

$x \times y = 2500$
 $x - y = 10$
 $x + y = 6 + 5$
 $x + y = 100$

Buttons: Mark for Review & Next, Clear Response, Save & Next, Submit Test

testbook CT 1: Programming & Data Structur... Retake this Test, Retake the Test, Go to Tests, Solutions

Overall Performance Summary

Rank: 718 / 1225 | Score: 2.35 / 10 | Attempts: 10 / 10 | Accuracy: 30% | Percentage: 41.47%

Sectional Summary

Estimated cutoffs: 80%

Section Name	Score	Attempted	Accuracy	Time
Chapter Test	2.35 / 10	10 / 10	30%	00:49 / 30 min

Your Weakness and Strengths

Weak Chapters

Top Rankers

1. Vinod Kumar (85%)

8. GOOGLE MEET: GVR&S faculty using MEET class room for Create and manage classes, assignment, and grades online without paper and materialsto your assignment.



[Handwritten Signature]
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9. **GOOGLE FORMS:** The faculty of NIE using Google Forms for assessing the students for quiz, assignments etc.,

CRYPTOGRAPHY AND NETWORK SECURITY

III CSE- II SEM

REGULATION:R20

MARKS:20*1=20

TIME:30Min

MID-II


* Required

1. NAME *

2. ROLL NUMBER *

3. YEAR & SEM *

4. BRANCH *


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1. Which one of the following is not a public key distribution means?

Mark only one oval.

- Public-Key Certificates Hashing
- Certificates Publicly available
- directories Public-Key
- .authority

2. Which systems use a timestamp?

- i) Public-Key Certificates
- ii) Public announcements
- iii) Publicly available directories
- iv) Public-Key

authority

Mark only one oval.

- i) and ii)
- iii) and iv)
- i) and iv)
- iv) only

3. SSM stands for

Mark only one oval.

- Secure Security Module
- Session Security Module
- Service Session Module
- Session Service Module

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4. The SSL divides the data into blocks of

Mark only one oval.

2*6

2*14

2*20

2*24

5. One of the protocols to provide security at the application layer is

Mark only one oval.

Pretty Good Privacy

Handshake Protocol

Alert Protocol Record

Protocol

6. Which among the following is the least strong security encryption standard?

Mark only one oval.

WEP

WPA

WPA2

WPA3

Klew

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7. There are _____ types of wireless authentication modes.

Mark only one oval.

2

3

4

5

8. _____ is a process of wireless traffic analysis that may be helpful for forensic investigations or during troubleshooting any wireless issue.

Mark only one oval.

Wireless Transmission Sniffing WiFi

Traffic Sniffing

Wireless Traffic Checking

Wireless Traffic Sniffing

9. It is to use encryption standard such as WPA2 or WPA3 as they are more secure and strong.

Mark only one oval.

False True

Both A & B

None of these

10. _____ is needed by a digital signature.

Mark only one oval.

- Public-key system
- Private-key system
- Shared-key system
- Both A & B
- All of them
- None of these

11. Both document and fingerprint are _____ to preserve integrity of a document.

Mark only one oval.

- Not needed
- Needed
- Unimportant
- Both A & B
- Not Used None
- of these

12. AAA key (Authentication, Authorization and Accounting Key) is also known as

Mark only one oval.

- pairwise transient key
- key confirmation key
- pre-shared key master
- session key Both B & C

13. If the data stored in the _____ is not encrypted, then after cookie stealing, attackers can see information such as username and password stored by the cookie.

Mark only one oval.

- memory
- quarantine
- cookies hard
- drive

14. Fraudulent email messages are some fake email messages that seem legitimate which asks for your confidential bank details such as _____ details _____ and passwords.

Mark only one oval.

- credit card, antivirus name
- cell phone, antivirus name, car
- model, account ID, credit
- card, login ID

15. Cryptanalysis is used _____

Mark only one oval.

- to find some insecurity in a cryptographic scheme
- increase the speed
- to encrypt the data
- make new ciphers

16. Cryptographic algorithms are based on mathematical algorithms where these algorithms use for a secure transformation of data.

Mark only one oval.

- secret key external
- programs add-ons
- secondary key
-

17. Which of the following options correctly defines the Brute force attack?

Mark only one oval.

- Brutally forcing the user to share the useful information like pins and passwords. Trying
- every possible key to decrypt the message.
- One entity pretends to be some other entity
- The message or information is modified before sending it to the receiver.

18. "A key is a string of bits used by a cryptographic algorithm to transform plaintext into ciphertext." Which of the following is capable of becoming a key in a cryptographic algorithm?

Mark only one oval.

- An integer values
- Asquare matrix
- An array of characters (i.e. a string)All
- of the above

19. designed algorithms to encrypt the information.

Mark only one oval.

- Modern
- Classic
- Traditional
- Primitive

20. Which one of the following is a cryptographic protocol used to secure HTTP connection?

Mark only one oval.

- stream control transmission protocol (SCTP)
- transport layer security (TLS)
- explicit congestion notification
- (ECN)resource reservation protocol

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Google Forms

KSW

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



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



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Course Name : JAVA Programming

Course Code : R2022054

Academic year : 2022 - 2023

Year & Sem : II CSE & II Sem

Department : Department of Computer Science & Engineering

Faculty Name : Mr.K.Harbavardhan

Faculty Department : Department of Computer Science & Engineering

Faculty Signature

Verified by HoD

Approved by IQAC

Principal Signature

DATABASE COURSE FILE FRONT PAGE FOR (A.Y 22-23)

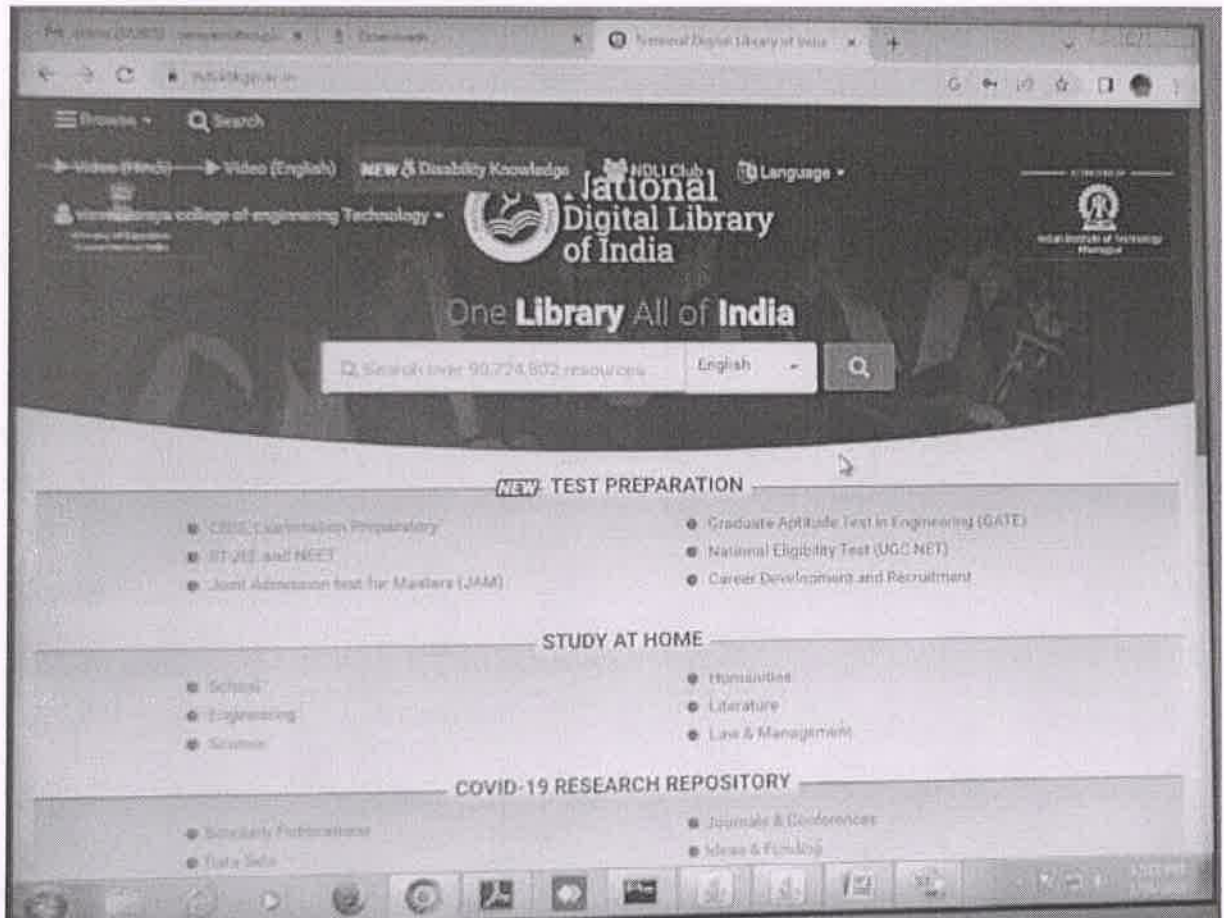
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Course file contents

1. Institute Vision & mission ,Department vision & mission
2. PEO,PO&PSO statements
3. Course information sheets
 - Academic calendar
 - Subject time table
 - Syllabus
 - Course objectives
 - Course outcomes
 - Relationship of Cos to Pos & Relationship of Cos to Pos
 - Teaching Plan
 - Result Analysis with Bar Chart
4. Lecture Notes
 - Unit wise Lecture Notes
 - Add on Course Material
5. Question Bank
 - Unit wise Question Bank
 - University Question Papers
6. Continuous Evaluation
 - Mid Question paper with key
 - Sample Assignment Sheets
7. Attendance Register(Daily Attendance & Topic Delivery Report)

Klw

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



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