

A

Practical Assignment

On

“ New Age Life Skills ”

Master in Computer Application

Ist - Sem



RUNGTA INTERNATIONAL SKILLS UNIVERSITY

SESSION: 2025-26

Submitted To:-

Ms. Priya Das

Submitted By:-

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**RUNGATA INTERNATIONAL SKILLS
UNIVERSITY CG
SCHOOL OF INFORMATION TECHNOLOGY**

INDEX

S.NO.	NAME OF PRACTICAL	SUBMISSION DATE	REMARK
1	Design a Professional Resume Using Templates.	22-09-2025	
2	Create a Career Oriented Presentation With 7 Slide Using Transition And Animation.	29-09-2025	
3	Create a Social Media Poster For DIGITAL AWARENESS WEEK Using Canva.	01-10-2025	
4	Compose & Send a Professional Email with an attachment as “ you are applying for an Internship, Send Email to your HR With your Resume Atteched.	06-10-2025	
5	<p>Design a Google Form To Survey and Analyze Response.</p> <ul style="list-style-type: none"> a) Create a Google Form titled “Student Attendance Report”. b) Include the following question types: <ul style="list-style-type: none"> a. 5 MCQs b. 1 Rating scale (1–5) c. 1 Short answer d. 1 Checkbox question c) Customize the theme (header image + color). d) Share the form link with 5 friends and collect responses. <p>Generate charts from responses and take screenshots of the analysis page.</p>	11-10-2025	
6	<p>Demonstrate the Creation and Management of your digital identity.</p> <ul style="list-style-type: none"> a) Create a social media profile (LinkedIn preferred). b) Add a profile photo, short bio, skills, and education details. c) Create a simple post about “My Learning Journey in Digital Literacy.” d) Change your privacy settings to: <ul style="list-style-type: none"> a. Who can see your posts. b. Who can message you 	31-10-2025	

7	<p>Using Google Drive Or One Drive.</p> <ul style="list-style-type: none"> a) Create a new folder named “Unit 3 Practical Work”. b) Upload 3 different files (PDF, image, document). c) Organize them in subfolders: Notes, Images, Assignments. <p>Share the main folder with your teacher with View Only permission.</p>	13-11-2025	
8	<p>Identify One Real Phishing Email: A Final Year Student Aman Receives a LinkedIn Message Saying:</p> <p>“You are shortlisted for a Remote Software Developer role at Google. Salary: ₹18 LPA. Pay ₹2,499 as verification fee. Limited seats. Pay now to confirm.”</p> <p><u>ANSWER THE QUESTIONS :-</u></p> <ul style="list-style-type: none"> a) What type of cybercrime is happening here? b) List 3 red flags that show it is a scam? <p>What should he do to verify if a job offer is real?</p>	19-11-2025	
9	<p>Create a Google Form Quiz with the following requirements:</p> <ul style="list-style-type: none"> a) Convert the form into a Quiz mode with automatic grading. b) Add 5 MCQ questions, each carrying 2 marks. c) Add 1 short answer question that requires manual evaluation. d) Turn ON the setting: <ul style="list-style-type: none"> a. <i>Limit to 1 response</i> b. <i>Shuffle question order</i> c. <i>Release marks after manual review</i> e) Add a timer add-on (like form presenter) and set up a 10-minute time limit. f) Finally, send the quiz link and view the response summary. 	24-11-2025	
10	<p>Ask ChatGPT Or Google Gemini To Generate a 100-120 Word Paragraph.</p> <p>“Is online learning better than offline learning for college students?”</p> <ul style="list-style-type: none"> a) Run the AI-generated text through Grammarly and any plagiarism-check tool. b) Now manually search online to check if similar sentences exist on blogs or articles. c) Identify 2–3 biased statements in the AI answer, such as: <ul style="list-style-type: none"> i. Over-generalizations 	29-11-2025	

	<ul style="list-style-type: none"> ii. One-sided opinions iii. Unproven claims <p>d) Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions.</p> <p>e) Submit 3 screenshots:</p> <ul style="list-style-type: none"> i. Plagiarism check result ii. Grammarly suggestion page <p>Original AI paragraph vs your rewritten unbiased version</p>		
11	<p>To Compare AI Generated Content With Student-Created Content And Understand Limitation Of AI.</p> <ul style="list-style-type: none"> a) Write a 100–150 word paragraph on the topic: “Will AI replace jobs or change them?” (This must be written by the student.) b) Ask any AI tool (ChatGPT/Gemini/Copilot) to write the same topic. c) In your practical copy, create a Comparison Table with the headings: <ul style="list-style-type: none"> I. Human-Generated Content II. AI-Generated Content 	03-12-2025	
12	<p>Create a New NotebookLM Project Titled: “My Chapter Revision Notes”.</p> <ul style="list-style-type: none"> a) Upload multiple sources (any 2) such as: <ul style="list-style-type: none"> i. PDF notes ii. Web articles iii. Text copied into NotebookLM b) Ask NotebookLM to: <ul style="list-style-type: none"> i. Create a combined study guide using all sources. ii. Generate flashcards for quick revision. iii. Create a concept map or explanation of the topic. c) Manually check for: <ul style="list-style-type: none"> i. Any incorrect facts ii. Repeated information iii. Missing important points d) Attach 3 screenshots from NotebookLM: <ul style="list-style-type: none"> i. Combined study guide ii. Flashcards iii. Concept map / explanation 	10-12-2025	

13	<p>Create A Complete Student Result Management Workbook.</p> <p>a) Create a new workbook with 3 sheets renamed as:</p> <ul style="list-style-type: none"> a. <i>Student_Data</i> b. <i>Marks_Analysis</i> c. <i>Charts</i> <p>b) In <i>Student_Data</i>, enter a list of 15 students with: Name, Roll No, Class, City, Subject1, Subject2, Subject3.</p> <p>c) Use Flash Fill to split “Full Name” into “First Name” and “Last Name”.</p> <p>d) Use Find & Replace to replace city name “Delhii” with correct “Delhi”.</p> <p>e) Use IF function to calculate Pass/Fail (Pass = total \geq 120).</p> <p>f) Use COUNTIF to find how many students belong to “Delhi”.</p> <p>g) Use AVERAGE, MAX, MIN to analyze marks in the <i>Marks_Analysis</i> sheet.</p> <p>h) On the <i>Charts</i> sheet, create:</p> <ul style="list-style-type: none"> i. A Bar Chart showing marks of any one subject. ii. A Pie Chart showing percentage of pass vs fail. iii. Apply Conditional Formatting to highlight marks $<$ 40 in red. <p>Convert the table into a formatted Excel Table.</p>	19-12-2025	
14	<p>Build a Workbook For Managing And Analyzing Sales Data Of a Small Store.</p> <p>a) Create a workbook with sheets:</p> <ul style="list-style-type: none"> I. <i>Store_Sales</i> II. <i>Summary</i> III. <i>Charts</i> <p>b) Import a CSV sales file (or create a sample table)</p>	24-12-2025	

	<p>containing:</p> <p>Date, Product, Category, Quantity, Price, Total Sales.</p> <ul style="list-style-type: none"> c) Use Sort (A→Z, Z→A) to organize products by name and category. d) Apply Filter to view only “Electronics” category. e) Use SUMIF to find total sales for a selected product (e.g., “Headphones”). f) Use LEFT, RIGHT, MID to extract: <ul style="list-style-type: none"> I. First 3 letters of the product name II. Last 2 letters of the category g) Find the highest and lowest sales value using MAX/MIN. h) Prepare a monthly sales summary in the <i>Summary</i> sheet using AVERAGE & SUM. i) Create a Line Chart of month-wise total sales in the <i>Charts</i> sheet. <p>Apply sheet protection so data cannot be edited accidentally.</p>		
15	<p>Create a complete personal financial planner workbook.</p> <ul style="list-style-type: none"> a) Create and rename sheets as: <ul style="list-style-type: none"> a. <i>Expenses</i> b. <i>Budget</i> c. <i>Charts</i> b) Enter at least 20 rows of expense data: Date, Category, Expense Detail, Amount, Payment Method. c) Use Data Validation dropdown to create a category list (Food, Travel, Fees, Shopping, Other). d) Use Remove Duplicates on the Category column if repeated incorrectly. e) Use SUMIF to calculate total spending for each category. f) In the <i>Budget</i> sheet, create the monthly budget and compare with actual expenses using: Difference = Budget – Actual (formula required) 	29-12-2025	

	<p>g) Highlight expenses above ₹2000 using Conditional Formatting.</p> <p>h) Create:</p> <ul style="list-style-type: none"> i. A Pie Chart showing category-wise spending ii. A Bar Chart comparing <i>Budget vs Actual</i> iii. Use Flash Fill to separate date into Day / Month / Year if needed. Also explain its detail <p>Save worksheet in Page Layout view and adjust print area.</p>		
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ASSIGNMENT-1

AIM:- Design a professional resume using templates.

RAJEEV RAO RANSINGH

✉ rajeevraoransingh@gmail.com
🔗 www.linkedin.com/in/rajeev-rao-ransingh-1076a8399

🔗 github.com/Rajeev379

📍 Dhamtari, Chhattisgarh, India

CAREER OBJECTIVE

Motivated MCA student with a strong foundation in computer science, programming, and web development. Passionate about building scalable, user-focused applications and continuously improving technical skills. Seeking internships or entry-level roles where I can apply my knowledge and grow as a software professional.

EDUCATION

Master of Computer Applications (MCA)
Rungta International Skills University
Currently Pursuing

Bachelor of Science in Computer Science (B.Sc CS)
Guru Ghasidas Central University, Bilaspur

TECHNICAL SKILLS

- **Programming Languages:** Python
 - **Web Technologies:** HTML, CSS
 - **Databases:** MySQL
 - **Backend Basics:** PHP
 - **Frameworks & Tools:** Node.js, React / Next.js, Firebase
 - **Other Skills:** Real-time Database Sync, Responsive Web Design
-

PROJECTS

Student Result Management System

Technologies: HTML, CSS, JavaScript, PHP, MySQL

- Developed a web-based system to manage and display student academic results.
 - Implemented CRUD operations for student and result management.
 - Designed and integrated a relational database for efficient data handling.
-

Tower of Learning

Technologies: Node.js Runtime, Firebase Database, React / Next.js, Tailwind CSS

- Building an inclusive educational platform focused on adaptive learning.
 - Implemented real-time synchronization using Firebase for dynamic updates.
 - Designed a responsive and modern UI using Tailwind CSS.
 - Focused on improving student engagement and accessibility.
-

EXPERIENCE / ACHIEVEMENTS

Fresher

CERTIFICATIONS / HACKATHONS

Python Programming Certification – Completed on Coursera

PEC Hack 3.0 – Participated in a hackathon, worked on innovative projects using web technologies

SOFT SKILLS

- Problem Solving
 - Teamwork & Collaboration
 - Time Management
 - Continuous Learning
-

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

ASSIGNMENT-2

AIM :- Create a Career Oriented Presentation with 7 slides using transitions and animations.

Building Your Career: A Purposeful Journey to Success

Your professional journey is one of the most significant adventures of your lifetime. Let's explore how to navigate it with intention, purpose, and authenticity.



Why Career Development Matters

80K+

Working Hours

Average hours spent working over a lifetime

70%

Job Satisfaction

Workers who feel unfulfilled due to poor career planning

100%

Your Potential

What you can unlock with intentional development

Career development isn't just about climbing ladders—it's an ongoing process of self-discovery, skill-building, and strategic planning. Without intentional direction, it's easy to fall into careers influenced by fleeting trends or external pressures, risking years of dissatisfaction and unrealized potential.

Step 1: Discover Yourself

Know Your Foundation

Self-awareness is the cornerstone of every meaningful career decision. Before exploring opportunities, invest time in understanding who you are at your core.

- Identify your interests, values, and natural strengths
- Understand your personality preferences and work style
- Reflect on what truly energizes and motivates you
- Consider three careers or majors that genuinely excite you



Steps 2 & 3: Explore Options and Make Decisions



Seek Real Insights

Conduct informational interviews with professionals in fields that interest you. Their experiences provide invaluable perspective beyond job descriptions.



Gain Experience

Pursue internships, volunteer opportunities, or job shadowing to test your assumptions and discover what resonates in practice.



Find Mentors

Connect with experienced guides who can offer wisdom, introduce opportunities, and help you navigate career complexities.

Making Informed Decisions

Evaluate your priorities honestly: What's your support system? What time and energy can you realistically invest? Make choices aligned with your authentic strengths and long-term vision—not just what's trending or what impresses others on paper.

Step 4: Take Action

01

Set Clear Goals

Define specific, achievable objectives that align with your career vision. Break big dreams into manageable milestones.

02

Take Immediate Action

Identify one concrete step you can take today—whether it's updating your resume, reaching out to a contact, or enrolling in a course.

03

Develop Your Talents

Strengthen your skills through classes, workshops, professional activities, and strategic networking opportunities.

04

Build Readiness

Continuously learn, adapt, and stay curious. The most successful professionals never stop growing.

 **Remember:** Progress beats perfection. Small, consistent actions compound into significant career momentum over time.

Step 5: Evaluate and Adjust

Career growth is dynamic, not static. Your path will evolve as you gain experience, as industries change, and as your personal priorities shift. Embrace flexibility and resilience as essential career skills.

Regular Assessment Questions:

- Do my current decisions still align with my values and goals?
- Am I finding fulfillment and growth in my work?
- What barriers am I facing, and how can I overcome them?
- Who can I turn to for guidance and support?

Work with mentors, peers, or career counselors to identify obstacles and create strategies for continued progress.



Your Career, Your Story: Start Today

Competence

Build skills and expertise that create genuine value in your field

Commitment

Stay dedicated to continuous growth and purposeful development

Compatibility

Align your work with your values, strengths, and authentic self

Purposeful career development isn't about following someone else's blueprint—it's about **taking ownership of your journey**, seeking support when needed, and continuously evolving.

Your career is a journey, not a destination. Make every step meaningful, stay adaptable, and remember that success is defined by fulfillment as much as achievement.



ASSIGNMENT-3

AIM:- Create a social media poster for "DIGITAL AWARENESS WEEK"using canva.



ASSIGNMENT-4

AIM:- Compose & send a professional email with an attachment as "you are applying for an internship, send email to HR with you resume attached".

The screenshot shows an email interface with a dark theme. The subject line is "For Internship" with an "Add label" button and a star icon. The recipient is "Rajeev Rao Ransingh" at "1:41 am" with a reply arrow and a more options menu. The message body is as follows:

Rajeev Rao Ransingh
Dear HR,
I am a student at Rungta International Skills University
interested in the internship at your company.

I've long admired Tata Consultancy for its work in sales
and would love to contribute to your team.

My resume is attached for your review. Are you
available for a brief chat next week to discuss how I
can support your upcoming projects?

Best regards,
Rajeev Rao Ransingh
8815363334

At the bottom, there is a file attachment bar showing "Resume Rajeev.pdf" with a PDF icon, a download arrow icon, and a Google Drive icon.

ASSIGNMENT-5

AIM:- Design a complete Google Form survey and analyze responses.

a) Create a Google Form titled "Student Attendance Report".

b) Include the following question types:

- 5 MCQs
- 1 Rating scale (1-5)
- 1 Short answer

1 Checkbox question:-

c) Customize the theme (headerimage + color).

d) Share the form link with 5 friends and collect responses,

e) Generate charts from responses and take screenshots of the analysis page.

Student attendance report

Form description

Student Name *

Short answer text

Grade Level *

Grade 9
 Grade 10
 Grade 11
 Grade 12

Time of Arrival

On Time
 Late (< 10 mins)
 Late (> 10 mins)
 N/A (Absent)

Reason for Absence/Lateness

- Medical
- Personal/Family
- Transportation
- Other
- N/A (Present)

Section *

- Section A
- Section B
- Section C
- Section D

Attendance Status *

- Present
- Absent
- Late
- Excused

Subjects Missed Today

- Mathematics
- Science
- English
- History
- Art
- Physical Education

Student Classroom Behavior/Participation



ASSIGNMENT-6

AIM:- Demonstrate the creation and management of your digital identity.

- a) Create a social media profile (LinkedIn preferred).
- b) Add a profile photo, short bio, skills, and education details.
- c) Create a simple post about "My Learning Journey in Digital Literacy."
- d) Change your privacy settings to:
 - a. Who can see your posts.
 - b. Who can message you

Rajeev Rao Ransingh

Add verification badge

Student at Rungta College of Engineering & Technology Kohka-Kurud Bhilai

Guru Ghasidas University
Dhamtari, Chhattisgarh, India

0 connections

Open to Add section ...

Enhance profile

Education



Guru Ghasidas University

Bachelor's degree, Computer Science

Jul 2022 - Jun 2025



**Rungta College of Engineering &
Technology Kohka-Kurud Bhilai**

2025

Skills



**Problem Solving Teamwork & Collaboration Time
Management Continuous Learning**

Communication

Show all 3 skills →

Interests

[Companies](#)

[Schools](#)



Guru Ghasidas University

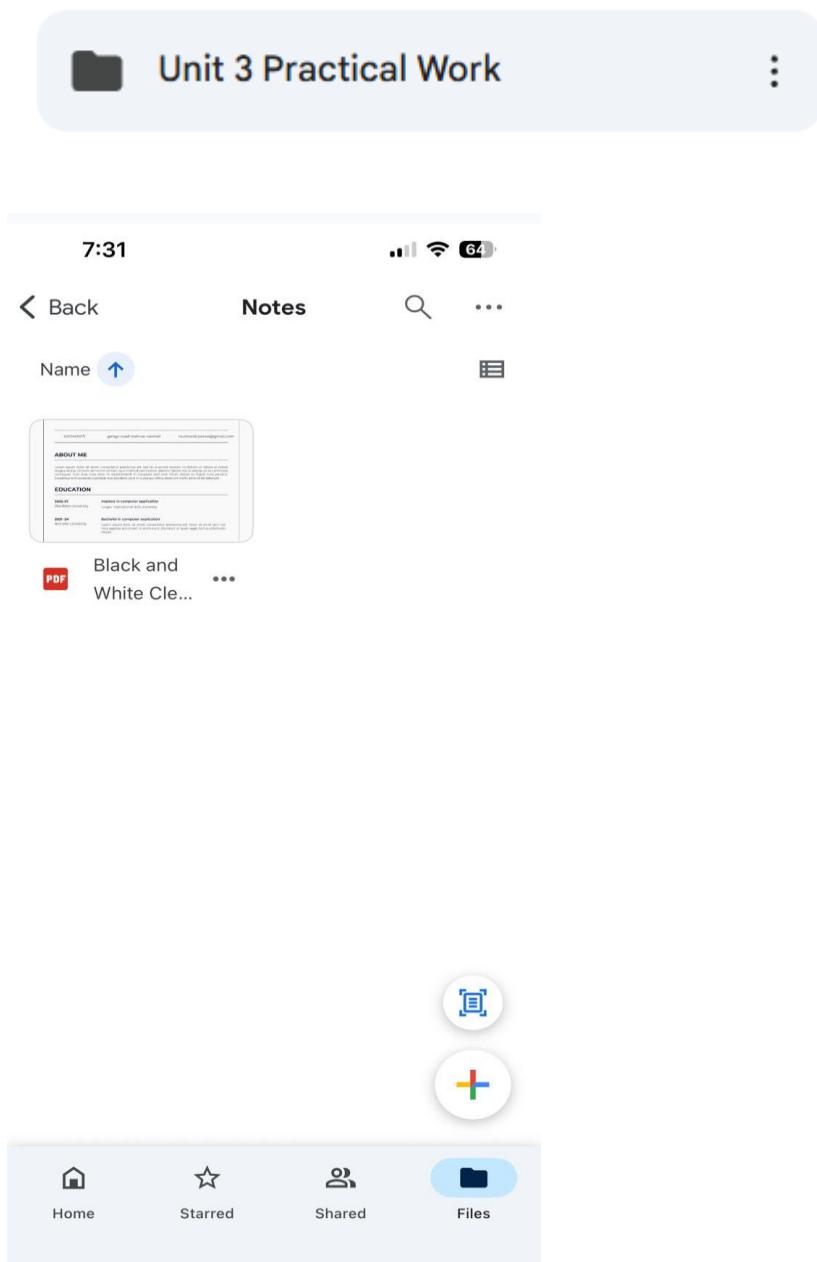
23,735 followers

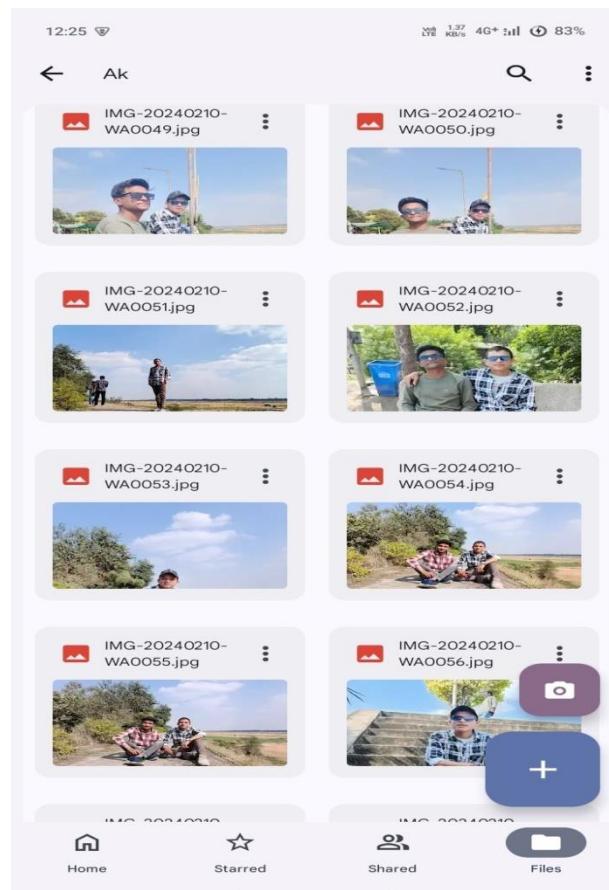
✓ Following

ASSIGNMENT-7

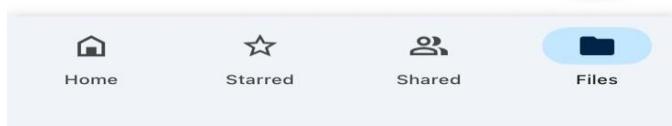
AIM:- Using Google Drive or One Drive:

- a) Create a new folder named "Unit 3 Practical Work".
- b) Upload 3 different files (PDF, image, document),.
- c) Organize them in subfolders: Notes, Images, Assignments,
- d) Share the main folder with your teacher with View Only permission.





7:31



ASSIGNMENT-8

AIM:- Identify one real phishing email : A final-year student, Aman, receives a linkedin message saying:

"you are shortlisted for a Remote Software Developer role at Google.

Salary: @18 LPA

Pay @2, 499 as verification fee.

uimited seats, Pay now to confirm."

ANSWER THE QUESTIONS:-

- a) What type of cybercrime is happening here?
- b) List 3 red flags that show it is a scam?
- c) What should he do to verify if a job offer is real?

a) Type of cybercrime:

This is **Phishing + Job/Recruitment Fraud** (a form of **financial cybercrime and social engineering**).

b) 3 Red flags:

1. **Big brand (Google) + unrealistic claim** via a random LinkedIn message, not official hiring process.
2. **Asking to pay a “verification fee”** (legit companies never charge for job offers).
3. **Urgency/pressure tactic** — “Limited seats, pay now to confirm”.

c) Steps to verify the offer is real:

1. Check Google Careers portal for the same role or job ID.
2. Verify sender's LinkedIn profile (official Google employee badge, company email domain, activity history).
3. Avoid paying anything — instead, ask for **official documentation** and recruiter's **@google.com** email.
4. Contact Google support or employees through trusted channels to confirm.

Bottom line: No fee. No rush. Always cross-check on the company's official platform.

ASSIGNMENT-9

AIM:- Create a Google Form Quiz with the following requirements:

- a) Convert the form into a Quiz mode with automatic grading.
- b) Add 5 MCQ questions, each carrying 2 marks.
- c) Add 1 short answer question that requires manual evaluation.
- d) Turn ON the setting:
 - a, Limit to 1 response
 - b. Shuffle question order
- C. Release marks after manual review
- e) Add a timer add-on (like form presenter) and set up a 10-minute time limit.
- f) Finally, send the quiz link and view the response summary.

General Tech Quiz (Timed)

Form description

Email *

Valid email

This form is collecting emails. [Change settings](#)

What does "HTTP" stand for?

- HyperText Transfer Protocol
- HyperText Transmission Protocol
- High Transfer Text Protocol
- HyperLink Transfer Platform

Which component is considered the "brain" of the computer?

- CPU
- RAM
- Hard Drive
- Motherboard

What is the binary representation of the decimal number 5?

- 101
- 110
- 111
- 100

Which of these is an Operating System?

- Linux
- HTML
- Python
- Intel

What does RAM stand for?

- Random Access Memory
- Read Access Memory
- Run Access Memory
- Read All Memory

Explain the importance of Cybersecurity in 2 sentences.

Short answer text

ASSIGNMENT-10

AIM:- Ask ChatGPT OR Google Gemini to generate a 100-120 word paragraph on:

I"Is online learning better than offline learning for college students?"

- a) Run the AI-generated text through Grammarly and any plagiarism-check tool.
- b) Now manually search online to check if similar sentences exist on blogs or articles.

c) Identify 2-3 biased statements in the AI answer, such as:

Over-generalizations

ii. One-sided opinions

ii. Unproven claims

d) Rewrite the entire paragraph in a neutral and balanced way, using AI only for grammar suggestions.

e) Submit 3 screenshots:

i.

ii.

Plagiarism check result

Grammarly suggestion page

iii. Original AI paragraph vs your rewritten unbiased version

While both online and offline learning have special benefits for college students, neither is always "better." Online learning is perfect for self-paced study and skill-based courses because it offers flexibility, affordability, and access to a wide range of global resources. However, it might not have the same advantages as offline learning, such as direct interaction, structured discipline, and practical experience. Through labs, seminars, and mentorship, traditional classrooms promote peer collaboration, real-time discussions, and practical exposure, all of which foster social and professional development. However, strict schedules, travel, and increased expenses may limit offline learning. The ideal strategy is a hybrid model that relies on offline settings for networking, experiential learning, and guided academic support while utilizing online platforms for theory, revisions, and upskilling. By combining the two, students can learn effectively while remaining interested and prepared for the workforce.

Plagiarism Checker Check Grammar AI Detector Pro

Scan Properties

Sources Found	0
Words	139
Characters	1022

View More Details

Plagiarism 0% 0% Exact Match 0% Partial Match

Unique 100%

While both online and offline learning have special benefits for college students, neither is always "better." Online learning is perfect for self-paced study and skill-based courses because it offers flexibility, affordability, and access to a wide range of global resources. However, it might not have the same advantages as offline learning, such as direct interaction, structured discipline, and practical experience. Through labs, seminars, and mentorship, traditional classrooms promote peer collaboration, real-time discussions, and practical exposure, all of which foster social and professional development. However, strict schedules, travel, and increased expenses may limit offline learning. The ideal strategy is a hybrid model that relies on offline settings for networking, experiential learning, and guided academic support while utilizing online platforms for theory, revisions, and upskilling. By combining the two, students can learn effectively while remaining interested and prepared for the workforce.



Congratulations!

No Plagiarism Found

While both online and offline learning have special benefits for college students, neither is always "better." Online learning is perfect for self-paced study and skill-based courses because it offers flexibility, affordability, and access to a wide range of global resources. However, it might not have the same advantages as offline learning, such as direct interaction, structured discipline, and practical experience. Through labs, seminars, and mentorship, traditional classrooms promote peer collaboration, real-time discussions, and practical exposure, all of which foster social and professional development. However, strict schedules, travel, and increased expenses may limit offline learning. The ideal strategy is a hybrid model that relies on offline settings for networking, experiential learning, and guided academic support while utilizing online platforms for theory, revisions, and upskilling. By combining the two, students can learn effectively while remaining interested and prepared for the workforce.

AI Chat

Hi Shubham, I can help you create the best version of your writing. Get started by adding some text to the doc.

Grammly Proofreader

Writing quality **96 / 100**

Clarity

Get tailored suggestions to improve your writing in Grammly Proofreader.

For college students, online and offline learning both offer unique advantages, but neither is universally "better." Online learning provides flexibility, affordability, and access to diverse global resources, making it ideal for self-paced study and skill-based courses. However, it may lack direct interaction, structured discipline, and hands-on experience, which are strengths of offline learning. Traditional classrooms encourage real-time discussions, peer collaboration, and practical exposure through labs, seminars, and mentorship, enhancing social and professional growth. Yet, offline learning can be limited by rigid schedules, travel, and higher costs. The best approach is a hybrid model—using online platforms for theory, revisions, and upskilling, while relying on offline environments for experiential learning, networking, and guided academic support. Combining both helps students learn efficiently while staying engaged and career-ready.

ASSIGNMENT-11

AIM:- To compare AI-generated content with student-created content and understand limitations of AI.

a) Write a 100-150 word paragraph on the topic:

"Will AI replace jobs or change them?"(This must be written by the student.)

b) Ask any AI tool (ChatGPT/Gemini/Copilot) to write the same topic.

c) In your practical copy, create a Comparison Table with the headings:

1. Human-Generated Content

11. AI-Generated Content

a) Artificial Intelligence is not only a job destroyer but a paradigm shift that reshapes the very fabric of employment. Although the overall impact of AI-driven automation could be job replacement, primarily because of tasks being very repetitive and predictable, its overall application is in jobs being transformed rather than being replaced. AI increases human efficiency through intelligent process automation, analytics, and generative capabilities. The overall function of jobs, right from software development to healthcare, finance, to education, is being transformed into AI-enabled platforms, which overall require human oversight, human optimization, and human decision-making. At the same time, new jobs are being added to AI as a governing structure, AI optimization, human AI interaction, and AI ethics. The overall job market favors a blended skill set, where technical savvy meets human adaptability, human judgment, and human creativity. In other words, AI is less of a replacement of jobs and more of a complementary function to human employment, which requires human strategic thought to make innovations viable.

b)

Artificial Intelligence is not merely a disruptor of employment—it is a transformative force redefining the architecture of work. While automation enabled by AI may displace highly repetitive and predictable tasks, its broader impact lies in job evolution rather than absolute replacement. AI augments human efficiency through intelligent process automation, real-time analytics, and generative capabilities. Roles across domains such as software development, healthcare, finance, and education are transitioning toward AI-assisted frameworks requiring oversight, refinement, and contextual decision-making. Simultaneously, novel professions are surfacing in AI governance, model optimization, human-AI interaction design, and algorithmic ethics. The labor market increasingly rewards hybrid competencies—technical fluency combined with cognitive adaptability, critical reasoning, and creative intelligence. Consequently, AI is less likely to replace jobs at scale but more inclined to reshape them into collaborative human-machine workflows, where strategic human input remains indispensable for sustainable innovation and operational integrity.

Human-Generated Content	AI-Generated Content
Written in simple, natural student language	Uses formal, analytical, machine-like vocabulary
Focuses on emotions, adaptability, and career advice	Focuses on automation, frameworks, and scalability
Less technical, more opinion-based	More structured, data-driven, and concept heavy
May include personal motivation and direct suggestions.	Gives generalized insights, lacks personal voice
Highlights skill-building from a learner perspective	Highlights industry transformations perspective
Limited use of complex terminology	Includes advanced AI-related terminology

ASSIGNMENT-12

AIM:- Create a new NotebookLM project titled: "My Chapter Revision Notes,"

a) Upload multiple sources (any 2) such as:

- i. PDF notes
- ii. Web articles
- iii. Text copied into NotebookLM

b) Ask NotebookLM to:

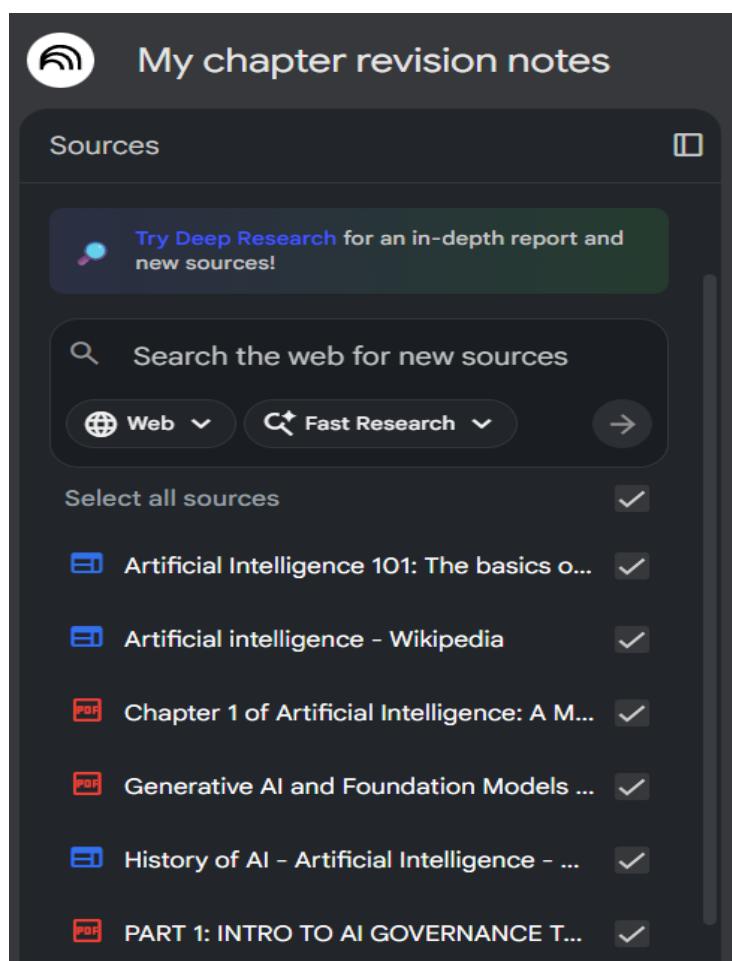
- i. Create a combined study guide using all sources,
- ii. Generate flashcards for quick revision.
- iii. Create a concept map or explanation of the topic.

c) Manually check for:

- i. Any incorrect facts
- ii. Repeated information
- iii. Missing important points

d) Attach 3 screenshots from NotebookIM:

- i. Combined study guide
- ii. Flashcards
- iii. Concept map / explanation



create a combined study guide using all the sources, generate flashcards and create a concept map

This combined study guide, set of flashcards, and concept map integrate the historical, technical, and ethical dimensions of Artificial Intelligence as detailed in the provided sources.

Part 1: Combined Study Guide

I. Defining Artificial Intelligence

Artificial Intelligence (AI) is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, and problem-solving [1](#). Experts categorize AI definitions along two dimensions: **thought processes vs. behavior** and **human performance vs. rationality** [2](#).

- **Acting Humanly:** The **Turing Test** approach focuses on a machine's ability to pass as a human in conversation [3](#) [4](#).
- **Thinking Humanly:** The **Cognitive Modeling** approach seeks to replicate human thought processes through computer models [5](#) [6](#).
- **Thinking Rationally:** The "**Laws of Thought**" approach uses formal logic to codify "right thinking" [7](#).

- Acting Rationally: The Rational Agent approach focuses on designing agents that take actions based on rationality.

Start typing...



11 sources



AI Flashcards

Based on 11 sources

Press "Space" to flip, "← / →" to navigate

What is the core idea
behind artificial
intelligence (AI),
according to the
Atlassian source?

See answer



1 / 75 cards



Part 3: Concept Map (Text-Based)

ARTIFICIAL INTELLIGENCE

- I. GOALS [52](#) [53](#)

- Reasoning & Problem Solving (GPS, Logic Theorist)
- Perception (Computer Vision, Speech Recognition)
- Natural Language Processing (GPT, NLP)
- Robotics (Manipulation, Navigation)

- II. TECHNIQUES [27](#) [...](#)

- **Symbolic (Top-Down)**
 - Expert Systems (MYCIN, XCON)
 - Logic (Prolog, Syllogisms)
- **Sub-Symbolic (Bottom-Up)**
 - Neural Networks (CNNs, RNNs)

ASSIGNMENT-13

AIM:- Create a complete Student Result Management workbook.

a) Create a new workbook with 3 sheets renamed as:

a. Student_Data

b. Marks Analysis

C. Charts

b) In Student Data, enter a list of 15 students with:Name, Roll No, Class, City, Subject1, Subject2, Subject3.

c) Use Flash Fill to split "Ful Name" Into "First Name" and "Last Name"

d) Use Find & Replace to replace city name "Delhi" with correct "Delhi".

e) Use If function to calculate Pass/Fail (Pass = total > 2120).

f) Use COUNTIF to find how many students belong to "Delhi".

B) Use AVERAGE, MAX, MIN to analyse marks in the Marks Analysis sheet.

h) On the Charts sheet, create:

i. A Bar Chart showing marks of any one subject.

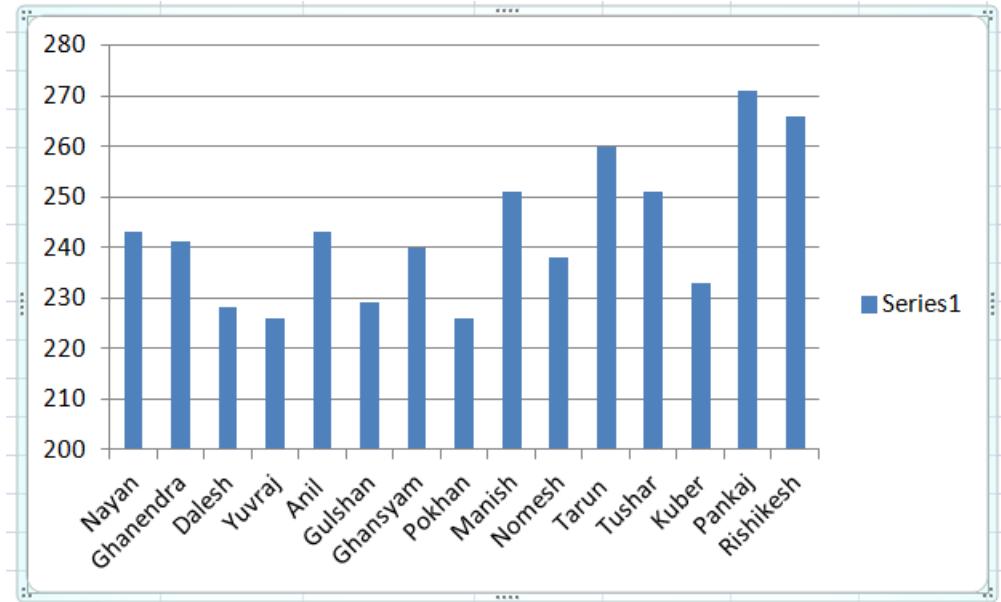
ii. A Pie Chart showing percentage of pass vs fail.

i) Apply Conditional Formatting to highlight marks < 40 in red.

ji) Convert the table into a formatted Excel Table.

	A	B	C	D	E	F	G	H	I
1	Roll No.	First Name	Last Name	Class	City	Subject 1	Subject 2	Subject 3	Result
2									
3	101	Nayan	Chandrakar	12	Mumbai	75	73	95	Pass
4	102	Ghanendra	Sahu	12	Raipur	85	83	73	Pass
5	103	Dalesh	Ghamforiya	12	Delhi	65	91	72	Pass
6	104	Yuvraj	Sharma	12	Mumbai	68	82	76	Pass
7	105	Anil	Jagat	12	Pune	96	76	71	Pass
8	106	Gulshan	Sahu	12	Rajnandgaon	84	72	73	Pass
9	107	Ghansyam	Chakradhari	12	Bastar	75	81	84	Pass
10	108	Pokhan	Deevan	12	Raipur	94	91	81	Pass
11	109	Manish	Deevan	12	Delhi	85	73	93	Pass
12	110	Nomesh	Baghel	12	Mumbai	81	75	82	Pass
13	111	Tarun	Sinha	12	Rajnandgaon	92	84	84	Pass
14	112	Tushar	Chandrakar	12	Pune	73	92	86	Pass
15	113	Kuber	Jalkshatri	12	Delhi	75	71	87	Pass
16	114	Pankaj	Deevan	12	Mumbai	84	93	94	Pass
17	115	Rishikesh	Chandrakar	12	Rajnandgaon	96	73	97	Pass
18									

A	B	C
Average	Max	Min
1625.333333	97	65



ASSIGNMENT-14

AIM:- Build a workbook for managing and analyzing sales data of a small store.

a) Create a workbook with sheets:

Store_Sales

II.Summary

III. Charts

b) Import a CSV sales file (or create a sample table)containing:

Date, Product, Category, Quantity, Price, Total Sales

c) Use Sort (A-Z, 2 -A) to organize products by nam and category.

d) Apply Filter to view only "Electronics" category.

e) Use SUMIF to find total sales for a selected product(e.8, "Headphones").

f) Use LEFT, RIGHT, MID to extract:

 a. First 3 letters of the product name

 b. Last 2 letters of the category

8) Find the highest and lowest sales value using MAX/MIN.

 a) Prepare a monthly sales summary in the Summary sheet using AVERAGE & SUM.

 b) Create a Line Chart of month-wise total sales in the Charts sheet.

 c) Apply sheet protection so data cannot be edited accidentally.

A	B	C	D	E	F	G	H
1	Date	Product	Category	Quantity	Price	Total Sales	Short Name
2	02-03-2025	Headphones	Electronics	10	100	1000	hdph
3	05-03-2025	Laptop	Electronics	3	1000	3000	lapy
4	12-03-2025	Mouse	Electronics	4	75	300	muse
5	04-04-2025	Mouse	Electronics	8	75	600	muse
6	12-04-2025	Monitor	Electronics	6	750	4500	mntr
7	15-04-2025	Laptop	Electronics	3	1000	3000	lapy
8	01-05-2025	Laptop	Electronics	5	1000	5000	lapy
9	05-05-2025	Headphones	Electronics	5	100	500	hdph

Month	Total Sales	Average Sales
March	4300	1433.33
April	8100	2700
June	5500	27520



ASSIGNMENT-15

15 AIM:- Create a complete personal financial planner workbook.

- a) Create and rename sheets as:
 - a, Expenses
 - b. Budget
 - C. Charts
- b) Enter at least 20 rows of expense data:
Date, Category, Expense Detail, Amount, Payment Method.
- c) Use Data Validation dropdown to create a category list (Food, Travel, Fees, Shopping, Other).
- d) Use Remove Duplicates on the Category column if repeated incorrectly.
- e) Use SUMIF to calculate total spending for each category.
- f) In the Budget sheet, create the monthly budget and compare with actual expenses using:
$$\text{Difference} = \text{Budget} - \text{Actual}$$
 (formula required)
- g) Highlight expenses above ₹2000 using Conditional Formatting.
- h) Create:
 - A Pie Chart showing category-wise spending ii.
 - ii.
A Bar Chart comparing Budget vs Actual Use Flash Fill to separate date into Day /Month / Year if needed. Also explain its detail
- iv Save worksheet in Page layout view and adjust print area.

A	B	C	D	E	F	G	H	
1	Date	Category	Expense Details	Amount	Payment Method	Day	Month	Year
2	01-01-2025	FOOD	SNACKS	150	CARD	1	1	2025
3	02-01-2025	SHOPPING	WATCH	2200	UPI	2	1	2025
4	05-01-2025	OTHER	GIFT	1000	Cash	5	1	2025
5	06-01-2025	FEEES	ADMISSION FEES	500	CARD	6	1	2025
6	08-01-2025	FOOD	FRUITS	300	Cash	8	1	2025
7	10-01-2025	TRAVEL	TRAIN TICKET	1500	UPI	10	1	2025
8	12-01-2025	SHOPPING	T-SHIRT	900	UPI	12	1	2025
9	15-01-2025	FOOD	COFFEE	250	CARD	15	1	2025
10	16-01-2025	OTHER	NETFLIX	659	CASH	16	1	2025
11	18-01-2025	FEES	COURSE BOOK	2200	CASH	18	1	2025
12	19-01-2025	TRAVEL	RAPIDO	50	UPI	19	1	2025
13	20-01-2025	FOOD	BURGER	800	CARD	20	1	2025
14	21-01-2025	SHOPPING	HEADPHONES	2200	CARD	21	1	2025
15	22-01-2025	TRAVEL	TRAIN TICKET	500	UPI	22	1	2025
16	23-Jan	OTHER	GIFTS	1200	CARD	23	1	2025
17	24-01-2025	FEES	EXAM FEES	1500	CARD	24	1	2025
18	25-01-2025	FOOD	FRUITS	450	CASH	25	1	2025
19	26-01-2025	SHOPPING	SHIRTS	2500	CARD	26	1	2025
20	27-01-2025	TRAVEL	METRO	3000	UPI	27	1	2025
21	29-01-2025	FOOD	GROCERIES	850	CARD	29	1	2025
22	30-01-2025	FEES	GYM FEES	1500	CASH	30	1	2025

A	B	C	D
Category	Budget	Actual	Difference
Food	3000	2800	200
Travel	5000	5050	-50
fees	5000	5700	-700
Sopping	8000	7800	200
Other	3000	2859	141

