



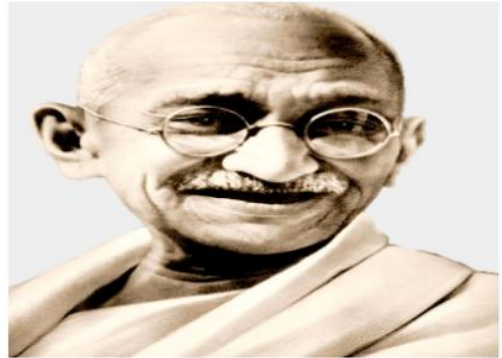
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Experiment 1

Create a newspaper article using MS Word

Gandhi Jayanti

Gandhi Jayanti is a national holiday. The birth anniversary of the Mahatma Gandhi is celebrated all across the country on 2nd of October as a national event. It celebrated as the national holiday in order to pay honor to the father of the nation, Mohandas Karamchand Gandhi (popularly known as Bapu). This day is internationally celebrated as the International Day of Non-Violence after the declaration by the United Nations General Assembly on 15th of June in 2007. Gandhi ji was the preacher of non-violence, and he followed the way of non-violence all through his struggle for independence of country. He is remembered today by us as a symbol of peace and truth. Schools and government offices remain closed on this day all over the country. It observed in all the states and union territories of India.





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Experiment 2

Create a Mathematical Question Paper using MS Word

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Engineering Mathematics-1

Time Allowed: 1 hours Max.

Marks:20

Section A: Multiple Choice Questions

(5 × 1 = 5 Marks)

1. If $5x - 3 = 2x + 4$, then $x =$
a) 2 b) 3 c) 1 d) 4
2. The value of $\sqrt{81}$ is:
a) 9 b) 8 c) 10 d) 7
3. If the radius of a circle is 7 cm, what is its circumference? (Use $\pi = 22/7$) a) 22 cm b) 44 cm c) 14 cm d) 28 cm
4. What is the value of $2^3 + 3^2$? a) 17 b) 13 c) 19 d) 23
5. Which of the following is an odd number? a) 12 b) 24 c) 17 d) 18

Section B: Short Answer Questions

(3 × 3 = 9 Marks)

6. Solve for y : $3y - 7 = 2y + 1$
7. Find the area of a triangle with a base of 10 cm and a height of 5 cm.
8. Simplify the expression: $4x + 3(2x - 5)$

Section C: Long Answer Questions

(2 × 3 = 6 Marks)

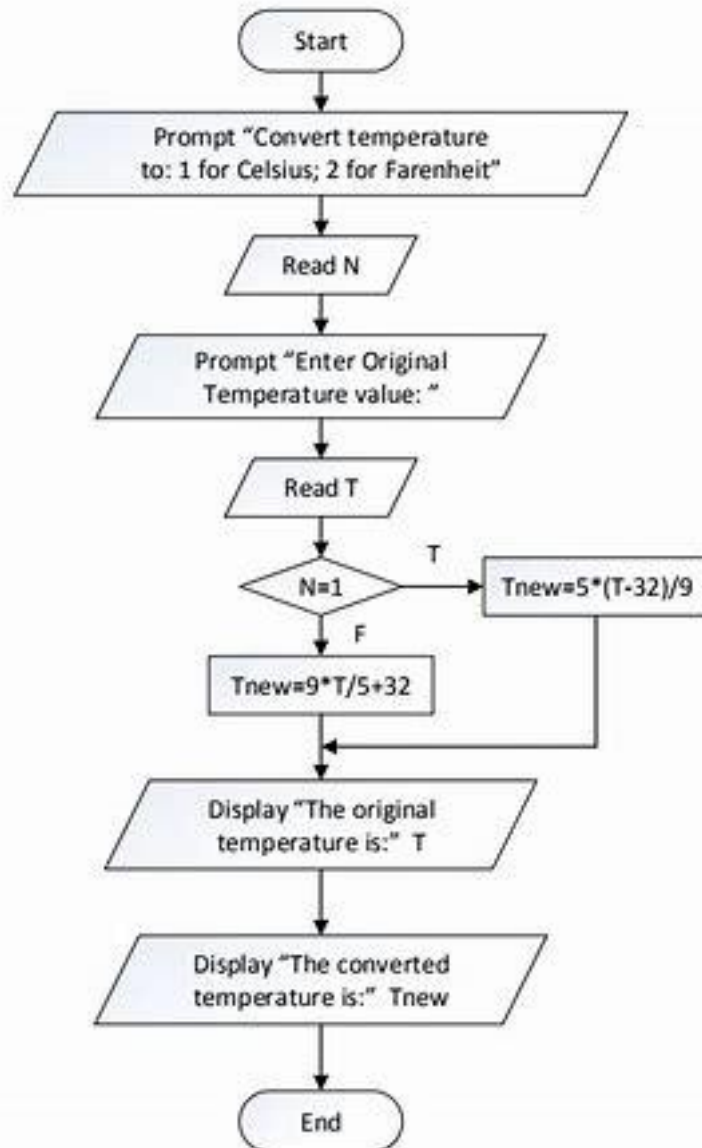
9. A rectangle has a length of 15 cm and a width of 8 cm. Calculate its perimeter and area.
10. Solve the quadratic equation: $x^2 - 5x + 6 = 0$



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Experiment 3

Create a flowchart using MS Word





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Experiment 10

To create a database “STUDENT RECORD” and add an additional field to the marksheet table using MS Access

View

Paste

Cut

Format Painter

Clipboard

Filter

Ascending

Descending

Remove Sort

Selection

Advanced

Toggle Filter

Sort & Filter

Refresh

Save

Spelling

More

Records

Find

Go To

Select

Find

Aptos (Detail)

11

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Experiment 9

Create a database “student” & a marksheet table by entering records in it using MS Access

Database! : Database- C:\Users\Lab_12\Documents\Database1.accdb (Access 2007 - 2016 file format) - Access

File	Home	Create	External Data	Database Tools	Help	Table Fields	Table	Tell me what you want to do
View	Paste	Cut	Filter	Ascending	Selection	New	Totals	Replace
Clipboard	Copy	Format Painter	Descending	Advanced	Save	Refresh	Spelling	Find
Sort & Filter	Remove Sort	Toggle Filter	Records	Find	Text Formatting			

All Access Obj... <

Search...

Tables

student

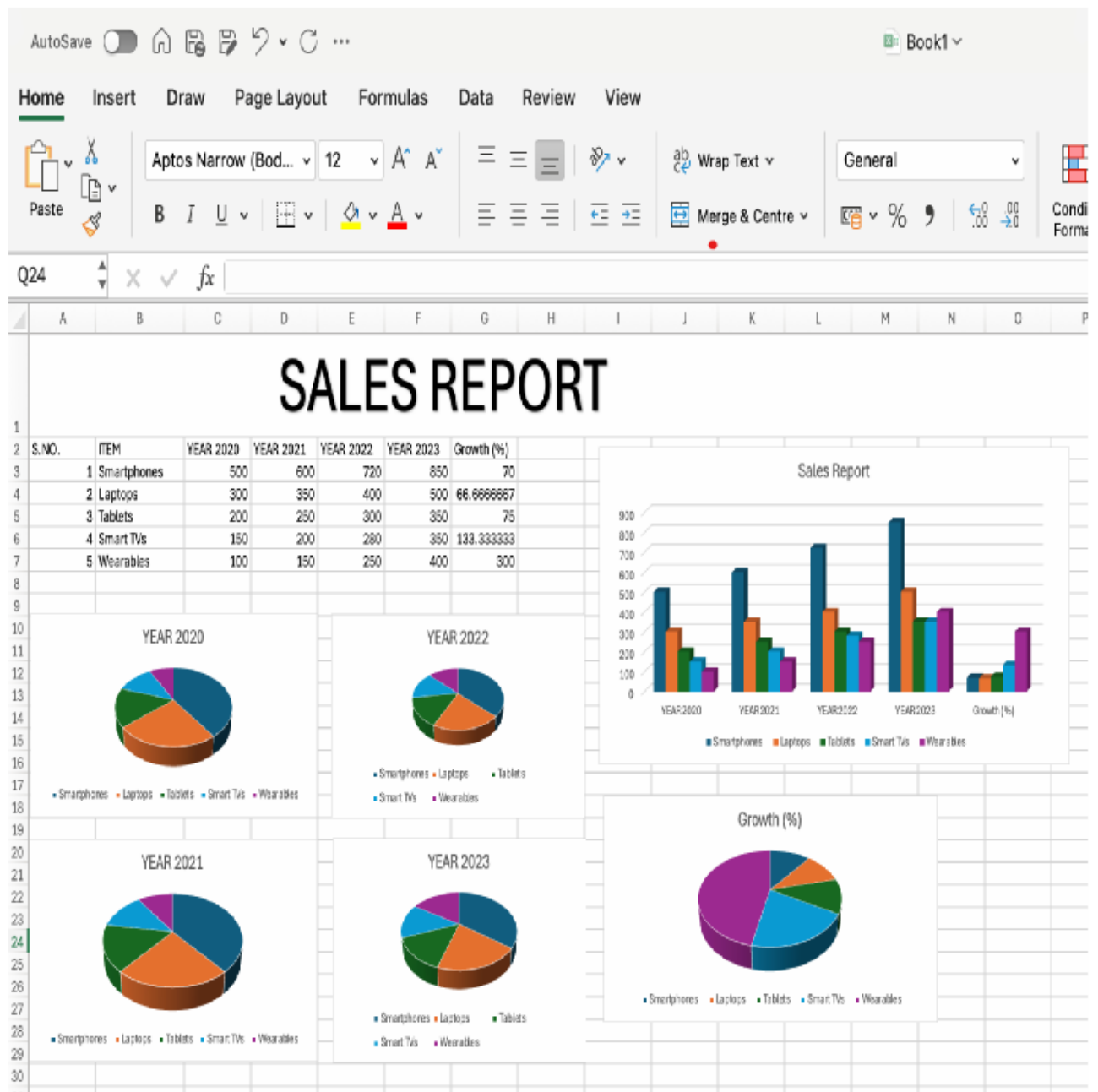
ID	stu_name	English	Hindi	Mathematic	AI	Physics	robotics	TOTAL	Click to Add
241302130	tiya	78	56	88	78	54	70	424	
241302134	kirti	88	78	99	97	79	70	511	
241302135	suraj	90	66	76	70	80	78	460	
241302084	falak	6	58	67	75	77	67	350	
241302120	yashika	3	77	54	88	66	68	356	
241302137	uday	68	68	54	70	89	69	418	
241302136	mehak	88	34	72	88	88	80	450	
241302138	ashna	99	78	44	44	56	90	411	
241302139	yuvika	77	88	87	55	76	65	448	
241302140	sahil	55	44	65	66	87	63	380	
241302141	yash	34	99	34	77	35	35	314	
241302142	rishi	95	88	88	11	56	67	405	
241302143	om	34	77	67	33	55	54	320	
241302144	ayushi	44	55	96	44	44	33	316	
241302145	ritik	80	80	90	88	55	32	425	
241302146	suresh	30	67	55	66	76	86	380	
241302147	palak	37	68	76	33	98	65	377	
241302148	mauli	35	78	67	66	89	65	400	
241302149	tisha	25	79	89	99	56	45	393	
241302150	kritika	35	79	44	88	87	34	367	
241302151	rutika	30	76	23	77	67	56	329	
241302152	keshavi	40	56	44	44	43	78	305	
241302153	neha	50	45	56	55	65	98	369	
241302154	prutika	70	34	76	33	87	76	376	
241302155	sonali	70	23	66	44	77	56	336	
241302156	sakshi	80	45	55	90	77	44	391	
241302157	dev	90	66	44	77	55	54	386	



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Experiment 7

To create a Sales Table with some data provided





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Experiment 6

Create a table Student Record with some conditions
using MS Excel

	A	B	C	D	E	F	G
1							
2		Student Database					
3							
4		Std ID	Std Name	Marks	Percentage	Grade	Remark
5		GA-001	Jhon	285	71.25	A	Pass
6		GA-002	Smith	248	62	B	Pass
7		GA-003	Emma	329	82.25	A+	Pass
8		GA-004	Sandy	249	62.25	B	Pass
9		GA-005	Olivea	150	37.5	F	Fail
10		GA-006	James	187	46.75	D	Pass
11		GA-007	Eva	352	88	A+	Pass
12		GA-008	Noah	279	69.75	B	Pass
13		GA-009	Charlotte	282	70.5	A	Pass
14		GA-010	Elijah	301	75.25	A	Pass
15							



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Experiment 5

Create a table using MS Word

The left column contains all the short-cut keys and right-side column contains the function of the shortcut keys.

Word Short Cut keys	
Shortcut Keys	Description
Ctrl + A	Select all contents of the page.
Ctrl + B	Bold highlighted selection.
Ctrl + C	Copy selected text.
Ctrl + X	Cut selected text.
Ctrl + P	Open the print window.
Ctrl + F	Open find box.
Ctrl + I	Italic highlighted selection.
Ctrl + K	Insert link.
Ctrl + U	Underline highlighted selection.
Ctrl + V	Paste.
Ctrl + Y	Redo the last action performed.
Ctrl + Z	Undo last action.
Ctrl + L	Aligns the line or selected text to the left of the screen.
Ctrl + E	Aligns the line or selected text to the center of the screen.
Ctrl + R	Aligns the line or selected text to the right of the screen.
Ctrl + M	Indent the paragraph.
Ctrl + Shift + F	Change the font.
Ctrl + Shift + >	Increase selected font +1pts up to 12pt and then increases font +2pts.



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Experiment 4

Create a Marksheet using MS Word

2

Massachusetts University

77 Massachusetts Ave. Cambridge, MA 02139, USA

UNIVERSITY MARKSHEET



2023-2024

B. TECH CSE SEM -1

MARKSHEET

STUDENT DETAILS		SUBJECTS		
ROLL NO.	NAME	PHYSICS	MATHS	PPS
2413043	ROIN	65	77	55
2413084	UREB	20	69	85
2413091	TOUN	59	64	94
2413012	MICK	87	37	29
2413023	JECK	39	48	54
2413053	POPS	29	70	66
24130175	MADDY	43	88	83
24130634	STEVE	91	43	42

DATE OF ISSUE: 09/10/2024

CONTROLLER OF EXAMINATION



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Experiment 8

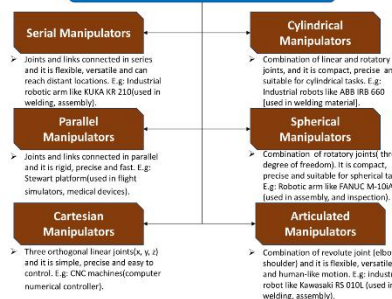
Create a Presentation using MS PowerPoint

Manipulators

- "Manipulators in Robotics are mechanical devices or systems, typically consisting of joints, links, and end-effectors, that enable robots to interact with and manipulate object in their environment, performing tasks such as grasping, moving and assembling."



Types of Manipulators

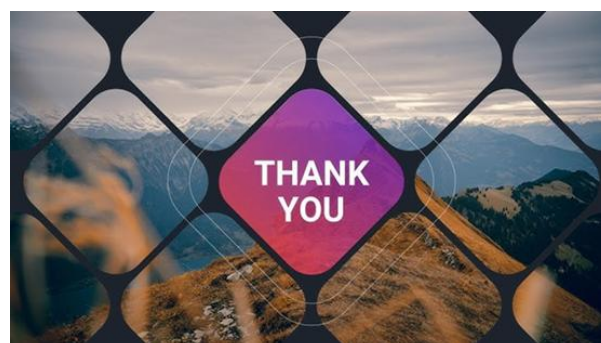
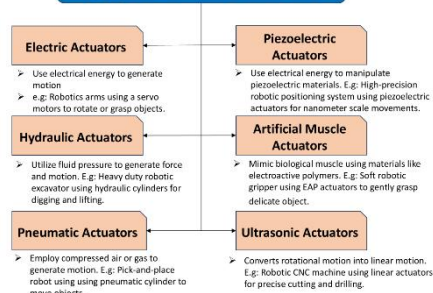


Actuators

- Mechanical or Electromechanical devices that generate movement, force or torque, enabling enabling robots or system to perform specific tasks or functions.



Types of Actuators





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Bachelor of Technology

Experiment File

For

Department of Computer Science and Engineering (CSE)

Bachelor of Technology

Course Name: New Age Skill

Course Code: 130201116

Semester: 1st

Approved by:

Ms. Manisha

Prepared by:

Yash

241302121