Tribhuvan University
Institute Of Science and Technology
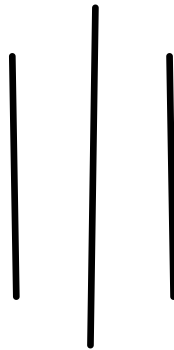
Prithvi Narayan Campus

BSc.CSIT Program

LAB REPORT

(Digital Logic)

Submitted To

Mr. Gyaneshwor Dhungana
Department of Computer Science & Information Technology
Prithvi Narayan Campus, Pokhara

Submitted By

Mahesh Kumar Udas
Roll No. 21
2080 Batch

1st Year / 1st Semester

Tribhuvan University
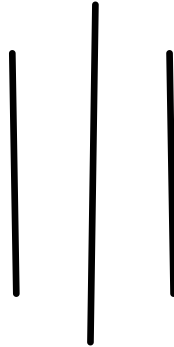# Institute Of Science and Technology

Prithvi Narayan Campus

BSc.CSIT Program

LAB REPORT

(C Programming)

Submitted To

Mr. Prithvi Raj Paneru
Department of Computer Science & Information Technology
Prithvi Narayan Campus, Pokhara

Submitted By

Mahesh Kumar Udas
Roll No. 21
2080 Batch

1st Year / 1st Semester

Tribhuvan University
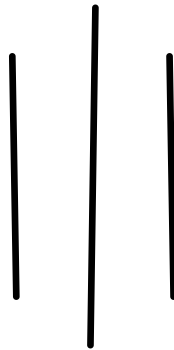# Institute Of Science and Technology

Prithvi Narayan Campus

BSc.CSIT Program

LAB REPORT

(Introduction to IT)

Submitted To

Mrs. Amrita Thapa

Department of Computer Science & Information Technology
Prithvi Narayan Campus, Pokhara

Submitted By

Mahesh Kumar Udas
Roll No. 21
2080 Batch

1st Year / 1st Semester

INDEX

Name: Mahesh Kumar Udas   Roll No.: 21

Faculty: BSc.CSIT   Semester: First

Subject: Information of IT   Year : First

S.N.	Title	Date of Experiment	Date of Submission	Sign
Mahesh Kumar Udas		Roll No.: 21		

INDEX

Name: Mahesh Kumar Udas   Roll No.: 21

Faculty: BSc.CSIT   Semester: First

Subject: Digital Logic   Year : First

S.N.	Title	Date of Experiment	Date of Submission	Sign
	Mahesh Kumar Udas		Roll No.: 21	

EXPERIMENT NO. 1

TITLE :

Creating a CV(curriculum Vitae) using word processor like MS word.

OBJECTIVE :

➢ To learn how to create CV.
➢ To learn how to use MS word.

THEORY :

Microsoft Word (MS Word) is a word processing software developed by Microsoft in 1983. It is a key part of Microsoft's Office suite of products and is the most widely-used word processor in the world.

CV stands for curriculum vitae, which is a Latin phrase that means "course of life". A CV is a document that outlines a person's academic and professional history. It is used by job applicants to showcase their academic and professional accomplishments.

RESULTS AND DISCUSSION :

The experiment was successful to creating a personal CV using MS word. The CV contains personal details and some extra academic and skills details.

CONCLUSION :

This laboratory exercise provided a hands-on experience in creating personal CV using MS word. Students gained practical knowledge of the basic in MS word.

Curriculum Vitae (CV)

Name : **Mahesh kumar Udas**

Contact : 9806871409

Email: maheshudas2077@gmail.com

Permanent Address : Birgunj - 9, Parsa

Temporary Address : Pokhara - 1, Gandaki

Education

S.N.	Board	Level	Passed Year	GPA
1	NEB	TSEE	2076	3.96
2	NEB	+2 (Vocational)	2079	3.34

Work Experience
- Client Technical Support at Dynamic TechnoSoft Pvt. Ltd.
- Fill-stack Web Development at Haitomns Group Pvt. Ltd.
- Computer Repairing and Maintenance

Skills
Programming : C,C++, C#, PHP, HTML, Javascript, CSS
Technical : Computer Networking, Computer Assemble.

Hobbies and Interest

Martial Art, Cooking, Playing Volleyball, Rubik's Cube Solving, and sometime watching Movies also.

EXPERIMENT NO. 2

TITLE :

To create mark-sheet using Spreadsheets like MS Excel.

OBJECTIVE :

➢ To learn how to create Mark sheet.
➢ To learn how to use MS Excel.

THEORY :

Microsoft Excel is a spreadsheet program that allows users to organize, format, and calculate data. It is a powerful tool for data visualization and analysis.

Excel allows the users to create, edit, and format spreadsheets, containing numerical data, formulae, and chart. It is commonly used for the financial calculations, budgeting, data analysis, and various business and academic purposes

DEMONSTRATION :

Key word for formulae:
◆ For Sum:
=SUM(C3:G3)

◆ For Pass/Fail
=IF(AND(C3>=35,D3>=35,E3>=35,F3>=35,G3>=35),"pass","fail")

◆ For Percentage
=IF(J3="pass",IF(H3>=80,"DIST",IF(H3>=60,"FIRST",IF(H3>=50,"SECOND",IF(H3>=40,"THIRD")))),"FAILED")

◆ For Division
=IF(J3="pass",IF(H3>=80,"DIST",IF(H3>=60,"FIRST",IF(H3>=50,"SECOND",IF(H3>=40,"THIRD")))),"FAILED")

SCREENSHOT :

SN	Student Name	Subjects					Percentage	Total	Result	Division
		IIT	Digital logic	Math	physics	C programming				
1	Abhinash Lamichane	55	44	33	46	52	46	230	fail	FAILED
2	Mahesh Udas	61	52	73	49	65	60	300	pass	FIRST
3	Bhuwan Adhikari	79	52	60	39	67	59.4	297	pass	SECOND
4	Saurav Poudel	44	53	41	31	41	42	210	fail	FAILED
5	Alina Sirnet	45	54	42	32	36	41.8	209	fail	FAILED
6	Aman Bastola	59	41	43	33	39	43	215	fail	FAILED
7	Nitesh Meheta	58	49	44	34	21	41.2	206	fail	FAILED
8	Aadarsh Pokhrel	57	66	32	35	54	48.8	244	fail	FAILED
9	Ashlesha Ghimire	56	59	56	36	66	54.6	273	pass	SECOND
10	Anil Poudel	53	41	29	38	40	40.2	201	fail	FAILED

RESULTS AND DISCUSSION :

The experiment was successful to creating a mark sheet using MS Excel. The mark sheet contains student name, their obtained marks, total mark, percentage, division and result and remark.

CONCLUSION :

This laboratory exercise provided a hands-on experience in creating mark sheet using MS Excel. Students gained practical knowledge of the basic in MS Excel.

EXPERIMENT NO. 3

TITLE :

To create a Presentation Graphics on Nepal tourism using Power Point.

OBJECTIVE :

➢ To learn how to presentation.
➢ To learn how to use power point.

THEORY :

Presentation software is a computer application that helps users create slide shows to convey information. It can also be called a presentation program or graphics presentation application.

Microsoft PowerPoint is a presentation program that allows users to create multimedia slides. It's part of the Microsoft Office suite and is designed to be easy to use and learn.

PowerPoint allows users to create visually appealing and interactive presentations, making it a popular choice for professionals, educators, and individuals looking to deliver impact full messages effectively.

DEMONSTRATION :
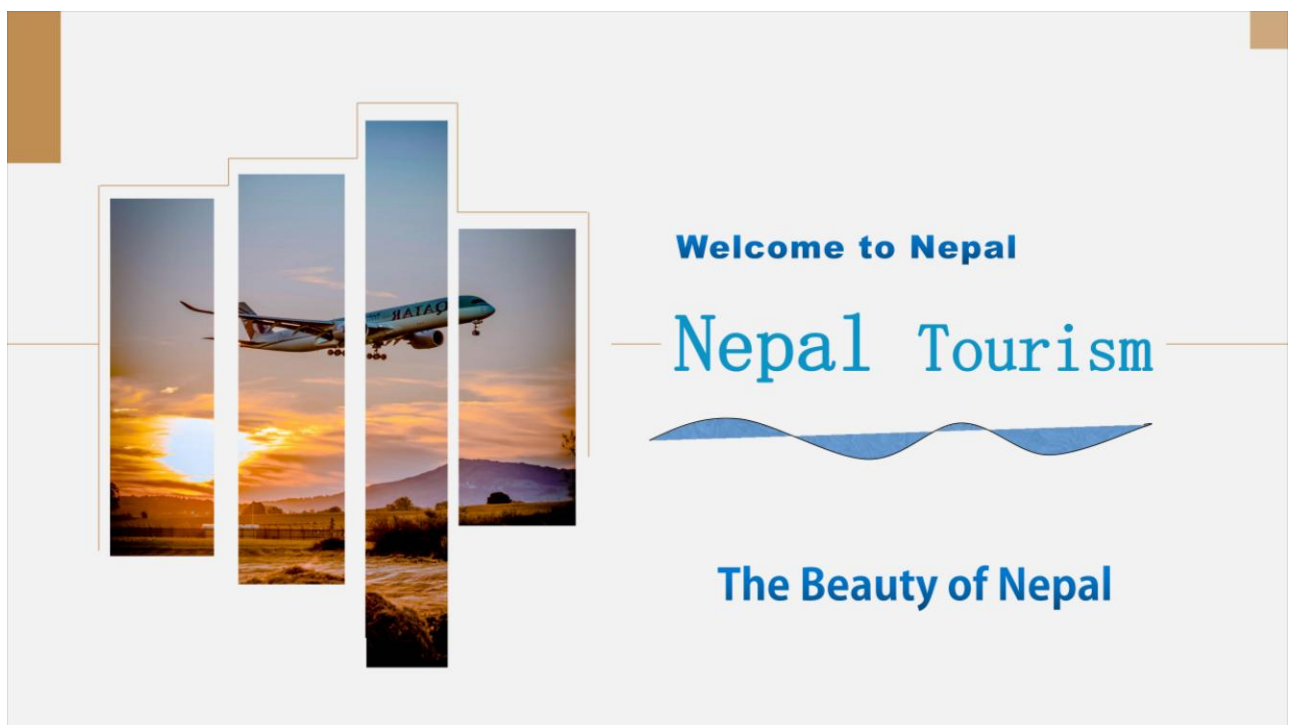
Kathmandu

Kathmandu, Nepal's captivating capital, is a vibrant blend of history, spirituality, and adventure. Explore ancient temples, intricate architecture, and bustling markets, immersing yourself in the city's rich cultural heritage. From sacred sites like Pashupatinath Temple to the serenity of Boudhanath Stupa, Kathmandu offers a spiritual journey like no other. Discover the royal charm of Durbar Square and embark on thrilling treks amidst breathtaking mountain vistas. Kathmandu is a destination that ignites the senses and leaves an indelible mark on every visitor.

Pokhara

- Picturesque city nestled in the lap of Himalayas
- Offers breathtaking views of snow- capped mountains and serene lakes
- Gateway to popular trekking destinations like Annapurna and mustang
- Peaceful ambiance and natural beauty attract tourists and nature lovers
- Phewa lake, the second largest lake in Nepal, major attraction for boating and relaxation
- Sarangkot viewpoint provides stunning sunrise and sunset vistas
- Adventure activities like paragliding and zip-lining for thrill-seekers
- Rich cultural heritage showcased in historic temples and pagodas
- Lively Lakeside area with a vibrant atmosphere and diverse dinging options and many more to places to visit

Mount Everest

Mount Everest, Nepal's prized gem, is a magnet for adventure enthusiasts seeking a thrilling and transformative experience. As the world's highest peak, it beckons travelers to embark on an unforgettable journey through Nepal's stunning landscapes. Trekking to Everest Base Camp and witnessing the mountain's majestic presence provides a profound connection with nature and a glimpse into the country's rich cultural heritage. Mount Everest stands as a symbol of Nepal's allure, inviting visitors to test their limits and create lifelong memories in the heart of the Himalayas.

Lumbini

Lumbini, located in Nepal, holds a special place in the hearts of millions as the birthplace of Lord Buddha. This sacred site is home to the Maya Devi Temple, where Queen Maya Devi is believed to have given birth to Prince Siddhartha. The Ashoka Pillar, standing tall since ancient times, confirms Lumbini's historical significance. The serene Sacred Garden and Monastic Zone offer visitors a chance to explore beautiful gardens, monasteries, and immerse themselves in the diverse traditions of Buddhism from around the world. Recognized as a UNESCO World Heritage Site, Lumbini stands as a symbol of peace, spirituality, and a timeless connection to the teachings of the Buddha.

Photo: Lumbini Temple

RESULTS AND DISCUSSION :

The experiment was successful to creating a presentation on nepal tourism using power point. The presentation contains pictures, texts with decoration, page decoration and so on.

CONCLUSION :

This laboratory exercise provided a hands-on experience in creating presentation using power point. Students gained practical knowledge of the basic in power point.

EXPERIMENT NO. 4

TITLE :

To create auto motors list with features using Spreadsheets like MS Excel.

OBJECTIVE :

➢ To learn how to create List.
➢ To learn how to use MS Excel.

THEORY :

The modern automobile is a complex technical system employing subsystems with specific design functions. Some of these consist of thousands of component parts that have evolved from breakthroughs in existing technology or from new technologies such as electronic computers, high-strength plastics, and new alloys of steel and nonferrous metals. Some subsystems have come about as a result of factors such as air pollution, safety legislation, and competition between manufacturers throughout the world.

Microsoft Excel is a spreadsheet program that allows users to organize, format, and calculate data. It is a powerful tool for data visualization and analysis.

Excel allows the users to create, edit, and format spreadsheets, containing numerical data, formulae, and chart. It is commonly used for the financial calculations, budgeting, data analysis, and various business and academic purposes.

DEMONSTRATION :

	A	B	C	D	E	F	G	H
1				Auto Motors				
2	SN	Name	Mileage	Engeen	Torque	Power	Price	
3	1	Mahindra Thar	15.2 kmpl	2184 cc	300Nm	150.19 bhp	11.25 - 17.60 Lakh	
4	2	Toyota Fortuner	10 kmpl	2755 cc	500Nm	201.15 bhp	33.43 - 51.44 Lakh	
5	3	Mahindra Scorpio N	18 kmpl	2198 cc	380Nm	200 bhp	13.60 - 24.54 Lakh	
6	4	Toyota Land Cruiser 3(	11 kmpl	3346 cc	700Nm	304.41 bhp	2.10 Cr	
7	5	Maruti Jimny	16.94 kmpl	1462 cc	134.2Nm	103.39 bhp	12.74 - 14.95 Lakh	
8	6	BMW X3	20.5 kmpl	2998 cc	500Nm	355.37 bhp	68.50 - 87.70 Lakh	
9	7	BMW 3 Series	21.3 kmpl	2998 cc	500Nm	368.78 bhp	72.90 Lakh	
10								
11								

RESULTS AND DISCUSSION :

The experiment was successful to creating list of auto motors using MS Excel. The table contains name vehicle, its mileage, Engeen size, torque, Power, and their price.

CONCLUSION :

This laboratory exercise provided a hands-on experience in creating list using MS Excel. Students gained practical knowledge of the basic in MS Excel.