Semester Plan

Technical Communication (ENGT 105)

Course Instructor: Manuka Adhikari

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Week/Class		Topic	Delimit to	Assignment/Prerequisite for next class
Week one	Class 1	- Orientation session	- course content, journaling, assessment (in and end semester, viva, presentation, seminar), attendance policy	- purchase A4 exercise book (Hard cover) - read an article showing the elements of communication (hand out) - watch the video at https://www.youtube.com/watch?v=-HXa320iTPY
	Class 2	- Understanding communication	- foundation [definition, types (discipline-wise), forms (shorter & longer)], elements of communication . - introduction to technical communication	- identify the communication forms used in your domain and enlist them - paste any two shorter forms of communication - read objectives in technical communication from Gerson and Gerson - read an article on Toulmin's model - watch the video at https://www.youtube.com/watch?v=GWnEbMZ0IaA -https://www.youtube.com/watch?v=S800_xMcTH -Write the post week reflection of the week
Week two	Class 1	- Objectives in technical communication - Toulmin's Model	- clarity, conciseness, accuracy, organization - elements: claim, ground, warrant, backing, rebuttal, qualifier - Presentations	- identify the lapses in the shorter document pasted in your journal and rewrite to ensure that the document meets objectives in technical communication - read an op-ed article and paste it in journal - identify the elements of Toulmin's model of argument in the op-ed - read audience recognition from Gerson and Gerson
	Class 2	- Audience recognition - Toulmin's Model (remaining section)	- knowledge based, personality trait based, issue of diversity - sample argument - Presentations	- revise the document targeting different type of audience - read any write-up and identify the targeted audience - write an argumentative write-up on any current issue using Toulmin's model - read the pre-writing process from Gerson and Gerson - read three rhetorical strategies (definition, division and classification) -- read "The Writing Process" from Gerson and Gerson — w3 C1 - Write the post week reflection of the week
Week three	Class 1	-The writing process - Rhetorical strategies	- pre-write (data collection technique) with reference to email - definition, division and classification - Presentations	- collect data for any one shorter form of communication using an appropriate data collection technique - demonstrate your understanding of definition, and division and classification, writing one paragraph for each strategy -read "Routine correspondence" from Gerson and Gerson
	Class 2	- Oral communications: Presentation - Seminar	- types, preparation and presentation process, delivery skills, PowerPoint presentation - elements, format - Presentations	-- prepare a ten-minute PowerPoint presentation on the given topic w5 C1 - read the hand-out on seminar — w5 C1 - read T.H. Huxley's "We Are All Scientists" - watch a seminar video on the topic/issue of your interest — w5 C2 -Write the post week reflection of the week
Week four	Class 1	- T. H. Huxley, "We Are All Scientists"	- inductive and deductive reasoning, experimental verification - Presentations	- identify a claim of the essay and apply Toulmin's model of argumentation - write a memo, requesting your friends to do certain work (your faculty will assign you the topic) - watch a video on blogging and record the steps for creating a blog
	Class 2	- Digital literacy: working with the web, visual communication;	- blogging, social networks, product reviews, writing for e-media - Presentations	- create a blog using blogspot.com/wordpress.com and write your experience of attending online session on digital literacy - read "Oral Communication" and "Job Application" from Gerson & Gerson - Write the post week reflection of the week

Week five	Class 1	- Routine Correspondence	- Memo, email, letter, Instant message and text message; Letter format - write, re-write with reference to letter, memo and email - introduction, memo vs. letter and email, elements and format; - Presentations	- read Robert Frost's "The Road Not Taken" -write the email and revise it using the data collected previous week - write memo, email and letters using the criteria for different types of routine correspondence - watch a video on inductive and deductive reasoning: w3 c2 https://www.youtube.com/watch?v=WAdpPABoTzE&t=114s
	Class 2	- Job application and Résumé - Robert Frost, "The Road Not Taken"	- foundation, elements, process - reading the poem in terms of speaker, addressee, context and tone - Presentations	- identify a claim from the poem and apply Toulmin's model - refer to any job opening in a newspaper/online platform and write a job application, responding to the opening w5 c1 - read the hand-out on concept paper - read VS Ramachandran's "The Making of a Scientist" - Write the post week reflection of the week
Week six	Class 1	- Concept paper - VS Ramachandran, "The Making of a Scientist" - Rhetorical strategy	- foundation, elements, format - four major sections of the text - types of research -division and classification, definition, - Presentations	- write Introduction section of concept paper on any issue of your choice - Prepare the outline of a concept paper and write what should be written in each topic. - identify a claim of the essay and apply Toulmin's model of argumentation - read the hand-out on internal proposals - read Einstein's letter to Freud and Freud's letter to Einstein
	Class 2	- Internal proposals - Sigmund Freud, "Letter to Einstein" - Rhetorical strategy	- components, format - causes of war and prevention - cause and effect organization pattern - Presentations	- write method section of internal proposal on the topic you selected - identify a claim of the essay and apply Toulmin's model of argumentation - read the hand-out on research proposals - Write the post week reflection of the week
Week seven	Class 1	- Research proposals -Documentation and Reference (style guidelines) --Rhetorical strategy	- foundation, elements, format - student presentation on Freud's "Letter to Einstein" - description -APA, MLA, CSE and other styles - Presentations	- write literature review of proposal section on the topic you selected - prepare Gantt chart - review any one research proposal in your topic of interest - read "Document Design" and "Writing with Collaborators" Gerson and Gerson - read the hand-out on documentation and reference style. -Write at least 10 references using one of the style.
	Class 2	- Document design; Writing with Collaborators	- organization, order, access, variety - documentation and Reference (style guidelines); Presentations	- design any shorter document paying attention to organization, order, access and variety - prepare for the first internal assessment - Write the post week reflection of the week
Week eight	Class 1	**First Internal Assessment**		- read Albert Camus "The Myth of Sisyphus" - read hand-out on rhetorical strategy, comparison and contrast
	Class 2	- Albert Camus, "The Myth of Sisyphus" - Rhetorical strategy	- themes (absurdity of life, passion for life, hope, power, resistance) - comparison and contrast - student presentation	- identify a claim of the essay and apply Toulmin's model of argumentation - write two paragraphs using comparison and contrast strategy on the topic of your choice - read hand-out on comparison and contrast strategy w5 c5 - review and read the Engineering Project proposal that you are working on or any senior student worked on - Write the post week reflection of the week
Week nine	Class 1	- Engineering project proposals - Rhetorical strategy	- components, format - Presentations - process analysis	- brainstorm some project topics that you are interested in, choose the best one for you and prepare a short proposal w5 c4 - Prepare the outline of a project proposal and write what should be written in each topic. - identify the major rhetorical strategies you have used in your project proposal - Prepare a process analysis of your recent project. - Read "The Burden of Skepticism" by Carl Sagan

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	Class 2	- Internal reports - Carl Sagan, "The Burden of Skepticism"	- components and format - personal experience and the use of examples in writing - Presentations	- write the result section of internal reports - identify a claim of the essay and apply Toulmin's model of argumentation - read Doren's, "The Twentieth Century: Science and Technology" - Write the post week reflection of the week
Week 10	Class 1	- C. van Doren, "The Twentieth Century: Science & Technology"	- student seminar - Presentations	- summarize the major ideas in Doren's essay - read Plato's "The Allegory of the Cave" - read the hand-out on process analysis and persuasion
	Class 2	- Plato, "The Allegory of the Cave" - Rhetorical strategy	- meaning, description - student presentation - persuasion; comparison and contrast - Presentations	- identify a claim of the essay and apply Toulmin's model of argumentation - read a write-up that contains process analysis. - search a persuasion technique from the internet and write briefly about it. - read Anton Chekov's, "Swan Song" and hand-out on narrative analysis - Write the post week reflection of the week
Week 11	Class 1	- Anton Chekov, "Swan Song" - Rhetorical strategy	- elements of drama, use of personal experience in narrative - student presentation - narrative analysis; Presentations	- write a brief personal story, recalling your experience - identify a claim of the drama and apply Toulmin's model of argumentation - read the section, 'long reports' from Gerson & Gerson - paste any one engineering project report
	Class 2	- Engineering project reports	- elements and format - body part of engineering project reports - student presentation	- copy chapter three and four of engineering project reports in your journal, and write your analysis of these sections -Prepare the outline of a project report and write what should be written in each topic. - read the hand-out for technical article - download and paste one technical article in journal and write a page about it. -Write the post week reflection of the week
Week 12	Class 1	- Technical Articles	- elements of technical article, similarities/differences with research article - Presentations	- review any one technical article - listen to the audio version of Fitzgerald's, "The Diamond as Big as the Ritz" at https://www.youtube.com/watch?v=gS_bhfpnDeY
	Class 2	- F. Scott Fitzgerald, "The Diamond as Big as the Ritz"	- Presentations	- identify a claim of the novel and apply Toulmin's model of argumentation - answer the questions given at the end of the class - finalize the journal for submission -Write the post semester reflection
Week 13		- Viva; Revision	- submit journal for final assessment	

TEXT BOOKS: Gerson, Sharon J, and Gerson, Steven M. (2017). Technical Communication: Process and Product. 9th ed. New Delhi: Pearson.
: Laplante, Philip A. (2012). Technical Writing: A Practical Guide for Engineers and Scientists. New York: CRS Press.
: Course Packet for UNIT VI: Critical and Creative Thinking

REFERENCES: Raman, Meenakshi, and Sharma, Sangeeta. *Technical Communication: Principles and Practice.* 2nd ed. New Delhi: Oxford University Press.
Rottenberg, Annete T. and Winchell, Donna Haisty. (2018). *Elements of Argument: A Text and Reader*. Bedford/St. Martin's.

EVALUATION: In-Semester: 50% (Journal, Presentation, viva, assignment, attendance, internal exam ...)

End-Semester: 50% (Subjective 8*5=40; objective 0.5*20=10)

PERSONAL PROFILE

Name: Avinash Kumar Mahaseth

Date
10/7/09
6m
Hodom

Date of Birth: 30th September 2023 A.D.

Permanent Adress
Mahottari-6, Mahottari R.M.,
Madhesh province, Nepal

Temporary Adress
Gathaghar, Thimi, Bhaktpur
Bagmati province, Nepal

Contact

phone no: +977 [redacted]
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Nationality: Nepali
Language and Fluency: Nepali, Maithali, Hindi, English
Mother tounge: Maithali
Religion: Hinduism
Marital status: Single
Hobbies: Swimming, writing, Reading book.

Checked

Current status

Student of Creomatics engineering at KU, Dhulikhel

QUALIFICATION

S.N.	Courses	Board	Instution
1.	S.E.E (secondary Eduction Examination)	N.E.B	Shree parsa Raghunath
2.	High School (science)	N.E.B	KMC, Baghbazar

ABOUT MYSELF

name is Avinash Kumar Mahaseth. I am from Mahottari-06, Mahottari R.M, Madhesh province. My current temporary address is Dhulikhel, Kavre. I have Completed my Qualification up to +2 level and my schooling is From Shree parsa Raghunath Madhyamik vidhalya. My +2 is completed from KMC, Baghbazar. My current Status of qualification is i am studying Geomatics engineering in Kathmandu university, Dhulikhel. This Course has been my area of interest since that day I got to introduce my self into the orientation programme of facility.

I am an intravert, a real-people person. My main moto of life is "live simple high thinking." There are main areas where i am interested But my main area is exploring new place. I am the person which have less friend but my Friends Come after my family responsibilities. I am not easily becoming Closer with only one but with whome i become Closer I will do any thing For them. My Hobies are entertaining sad people, Listening Music, Reading books and drawing.

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14)	write an argumentative write-up any current issue using Toulmin's Model.	36-38	2024/08/11
15)	Demonstrate your understanding of defintion and division and classification, writing one paragraph for each strategy	39-40	2024/08/11
16)	write a memo, requesting your friend to do certain work/ your faculty will assign you the topic	41-42	2024/08/11
17)	Identify a claim of the essay and apply toulmin's model of argumentation	43-44	2024/08/13
18)	Post week reflection	45	2024/08/17
19)	write Memo, email and letter using the criteria for different types of roundtime correspondence.	46-49	2024/08/17
20)	Apply Toulmin's Model to rewrite the poem "The Road not taken."	50-51	2024/08/17
21)	Refer to any job opening in a		

SN.	Title	page No	Date
	newspaper/online platform and write a job application.	52-53	2024/08/17
22)	write the Concept paper introduction Section on the topic "earthquake damaging houses".	54-56	2024/08/17
23)	write the method of section of interal proposal on the topic "technology".	57-60	2024/08/18
24)	Apply Tolumin's Model to "Einstein's letter.	61-62	2024/08/18
25)	Post week reflection	63	2024/08/24
26)	write the literature review of proposal section on the topic "Technology".	64-66	2024/08/24
27)	Apply Tolumin's Model to write the "The Myth of Sisyphus".	67	2024/08/24
28)	write two paragraphs using Comparision contrasts Strategy on the topic "traditional Eduction vs online education".	68-69	2024/08/24
29)	Apply Tolumin's Model to rewrite "the burden of Skepticism".	70	2024/08/24
30)	Summarize the major ideas of the twenieth Century: Science and techno	71-73	2024/08/24

S.N.	Title	Page No	Date
31)	Brain strom some topics that you are interested in Choose the best one for you and prepare a short proposal.	74-75	2024/08/24
32)	Apply toulumin's Model to rewrite "the allegory of the cave"?	76-77	2024/08/24
33)	Apply toulumin's Model to rewrite the drama.	78-79	2024/08/24
34)	write a brief personal story, recalling your expierence.	80-81	2024/08/24
35)	Download and paste one technical artical in Journal.	82	2024/08/24
36)	paste any one engineering report	83-96	2024/08/24
37)	Apply toulumin's Model to rewrite the story.	97-98	2024/08/24

Log pages

S.N	Activities	Remarks
1)	Description about the concept paper writing process.	
2)	Description about the internal proposal.	
3)	Description of the Letter to Enistein.	
4)	Review the Research propsal	
5)	Know about the writting process of the Email, Memo and Letter.	
6)	Read the Story of the "Adloge ry of the Cave" and "The Burden of skeptisicm.	
7)	Know the way of writting on Engineering project.	

Identify the Communication forms used in your domain and enlist them.

⇒ E-mail
Memos
Letter
Reports
Faxes
website
Instant and text messages
Blogs
Facebook
Twitter
Instagram
Telegram
LinkedIn
Making Telephone cell
Leaving Voicemail message
Conducting interviews
Conference
presentation
Google
Viber
whats app
Threads
Unmanned Aerial Vechical

Paste any two shorter forms of communication.

News Reports

'Paris Hilton' orders the most Domino's

No. 1 fake name used for pizza deliveries; 'John Ashcroft' at No. 2

[illegible] Reuters — The simple life has rubbed off on [illegible] Paris Hilton, or so one would take indeed by the amount of Domino's pizza ordered in her name.

Paris Hilton is the No. 1 [illegible] for pizza deliveries, according to a survey of Domino's Pizza drivers in Washington, D.C., released yesterday by the pizza delivery chain. Of those using the name of an [illegible] under 38 percent ordered the pizza [illegible]

U.S. Attorney [illegible] Ashcroft [illegible] investigated [illegible] He was No. [illegible] named [illegible] ordering [illegible] Of [illegible] valves is at [illegible]

[illegible] that tend to be [illegible] pleasant [illegible] mas.

According [illegible] 50 drivers [illegible] who answered [illegible] tip more than [illegible]

[illegible] paired with 2 percent of people [illegible] pepperoni.

Among political pizza fans [illegible] people with "Dean for President" bumper stickers on cars in their driveway [illegible] 2 percent had [illegible] with "Bush for President" [illegible]

Fresh for President [illegible] stickers were three [illegible] likely to order meat [illegible] was than Dean for President [illegible] drivers.

The night of the [illegible] wedding of reality star [illegible] Christina Trisha [illegible]

[illegible] pizza-and-the night of the [illegible] in Washington, second [illegible] [illegible] Hilton [illegible] the biggest tip might of the year. No [illegible] the night [illegible] Christina and Brittney Spears [illegible] MTV Music Video [illegible]

News Article

SPORT

Rooney scores again

England s football team win s again Thi s is a great result say s Rooney

It wa s all down to the penalty shoot out England didn t score during extra time

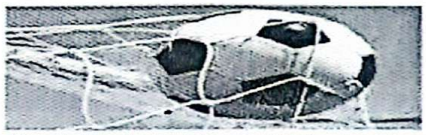
They d score d twice in the firs t ten minute s of the match

Rooney scored both goal s Rooney s goal s were stunning and on target

He s one of the bes t player s tha t we have said the manager

He hit the spot in Munich and we ve got him to than k for this win too

But all wasn t well for England



The defender s had to work har d

They now need to get ready for the nex t match, they can t relax yet

With the next match in two week s time player s need to keep focused.

Let s hope that thi s is the star t of something good for the England team

Post week reflection

2024/07/13

Today in class, our lecture, Miss Menuka derived the Concept paper of V.S. Rama Chandram and about Rehotrical Strategy. This class is very intetresting. Our lecture present theis Story very clearly and Visually represe ntation also shown with the help of Projector. In this class I entertained by the story telling style of our lecturer It was very fantastic.

Apply Toulmin's Model.

Teaching Argument: An Introduction to the Toulmin Model

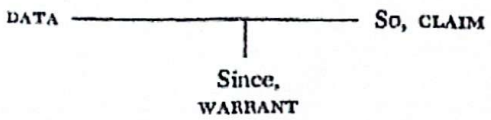
CHARLES W. KNEUPPER

BECAUSE of its complexity, argument is probably the most difficult form of discourse to teach. Composition teachers receive little help from most standard texts. A survey of composition texts reveals at best an abbreviated treatment of argument. The most commonly used approach to teaching argument is instruction in fallacies. This is a negative approach to argument (it tells students what not to do), and used alone, it fails to provide a positive sense of the necessary constituents of argument. Some teachers of composition attempt to provide a more direct approach through instruction in syllogistic reasoning. Yet many complaints are voiced against this approach, in part because of its burdensome complexity but more importantly because logically valid syllogistic arguments are rarely found in rhetorical discourse. Rhetoric deals in probabilities and relies on inductive modes or generalizations based on inductive processes.[1]

Difficulties with syllogistic logic and its usefulness as a heuristic device for the invention of rhetorical argument are shared by Speech and English. Recently, speech instruction has largely abandoned the syllogistic paradigm, and most recent texts in public speaking, argumentation, and persuasion are now using a model of argument developed by the philosopher, Stephen Toulmin.[2] This essay is intended to explain the Toulmin model of argument and to suggest its utility as a teaching tool.

I

Stephen Toulmin, in *The Uses of Argument* (Cambridge: Cambridge University Press, 1969), indicates that "the science of logic has throughout its history tended to develop in a direction leading away . . . from practical questions about the manner in which we have occasion to handle and criticize arguments in different fields, and towards a condition of complete autonomy, in which logic becomes a theoretical study of its own" (p. 4). Toulmin is critical of the disjuncture of formal logic and the practical concerns of "real life" rhetorical argument. In the context of a general theory of argument, his model attempts to provide a working logic. In its simplest form, the model contains three elements:



[1] See Charles W. Kneupper, "Rhetoric and Probability Theory," *Central States Speech Journal*, 24 (Winter, 1973), 288-296.

[2] See for instance, Donald Byker and Loren J. Anderson, *Communication as Identification* (New York: Harper and Row, 1975); John J. Makay *Speaking With an Audience* (New York: Thomas Crowell, 1977); Gordon Zimmerman *et al.*, *Speech Communication* (New York: West, 1977); Gerald Miller, *Perspectives on Argumentation* (Chicago: Scott, Foresman, 1966); Richard D. Rieke and Malcolm O. Sillars, *Argumentation and the Decision Making Process* (New York: John Wiley and Sons, 1975).

Post week reflection

2024/07/20

In the today class the Lecturer Miss. Menuka derived the Concept about Research proposal and Document writing. In this Session we learn how to write the Document what Are the basic needed to be fulfill ~~which~~ while writting any Document. This class is quite intresting. But I think this class might get more intresting when teacher represent every document Format in hard copy.

The tolumin's Model Argument

Claim: The conclusion of the Argument or the statement the speaker wishes the auidence to belive.

Grounds: The foundation or basis for the claim, the support

warrant: The reasoning that authorizes the inferential leap from the grounds to the claim.

Backing: The Support for the warrant.

Modality: The degree of Certainty with which the advoca-te makes the claim.

Rebuttal: Expections that might be offered to the claim.

Example of the tolumin's model

Claim: KU is the best University of Nepal.

Grounds: KU is the listed in top 100 best university in South Asia.

warrant: KU student has passed engineering licensed exam about 67% and all the facilities of KU should be more efficient for top best University.

Backing: The university having good facilities are known as best University for the eastern people law.

Modality: In fact in all aspect the KU might not be good university.

Rebuttal: Instead all of that the passed student rate of KU is 98% around and cracked engineering licensed exam around 67% student which is top highest among all university in nepal.

Writting process

Leave the Engt class for GES Award distribution program

who : For Manuka Adhikari
what : Donot take the class of Engt
when : 2nd July 2024 From 2:00pm to 4:00pm
where : Block 9
why : For the full participation of student for the GES programm
How : By not taking the today class of Engt.

Post week reflection

2024/07/27

In the today class the Lecturer miss. Menuka derived the Concept of the Internal reports writting. In this class we know about the different types of Internal reports and the way of writting it. In this class we know that the internal reports may be formal and most of time it is informal. In this class i participate writting the one of the internal reports and present to the lecturer.

23 AS

post week reflection

2024/08/03

In the today class Miss ~~Lecturer~~ Mehuka lecturer derived the topic of twevelth century Science and technology development and what are the invention done during these period. and also about the topic of the alleogary of the cave. The alleogary of the cave describe the human optimistics and psychology.

Indu

Dedu

→ Gen
in

Memos

Letter
atio

Body p
three

Memo

Letter

Main idea of eassay

S	A	F	E	R
Statics	Ancedote Short story	Fact	Example	Reason

Inductive - gained by experience

Deductively - based on laws, rules, etc.

→ Generally expresse the main idea of any question in 1st paragraph.

Email, letters, Memos

Memos = Meorandom

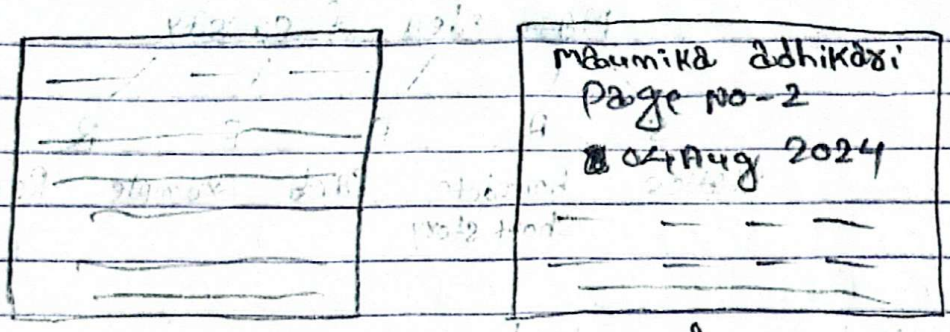
Letter and memo is the safiest way of communication.

Body part of Email, letters, Memos Contains three parts : (i) Introduction
(ii) Discussion
(iii) Conclusion

Memo Must Complete in one A4 size paper.

Letter must Complete Up to 2 A4 size paper.

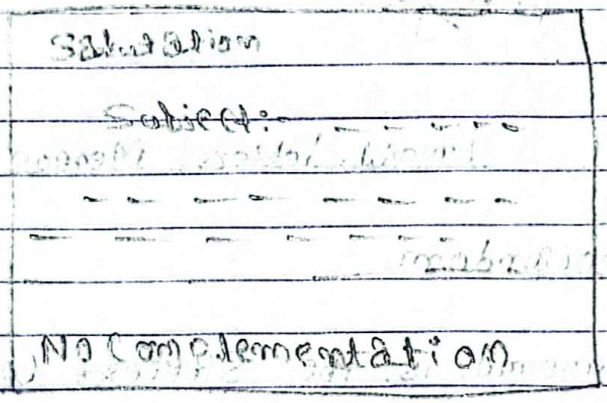
when starting 2 page for letter then



1 2

MBF = Modified Block Format (out dated)

SBF = Simplified Block Format



Full Block Format and Full Block Format with Subject lines these are the Formats type of Letters.

POST WEEK REFLECTION

2024/08/10

In the today class our lecturer Miss Menuka teaches us about the way of writting of the Engineering project report. and about the Rhetorical Strategy. This Engineering project report writting help us to Make report of our present project and with the help of this I preparedd report for my Engineering project.

Q) Identify the Lapses in the shorter document posted in Journal.

a) Title :- 'Paris Hilton' orders the most Domino's

In a whimsical turn of events during her recent pizza night, Paris Hilton added a touch of mystery by placing an extensive order from Domoino's under the enigmatic alias "Captain peperon!" The heiress, know for her playful spectacle that left fans and the pizza delivery crew alike in stitches.

As stacks of Domino's boxes arrived at Hilton's door each bearing the moniker "Captain peperoni," the lapsses of humor were not lost on social media, memes and speculations about the secret identity of "Captain pepperoni" circulated online, turning the pizza delivery into a trending heoress creative pizza related after ego.

Paris Hilton's decision, to adopt the playful alias "Captain pepperoni" For her Domino's delivery not only added a dash of humor to her pizza night but also (showcased her lapses of creativity and spontaneity). when it comes to making the ordinary extra ordinary, even the name on the pizza bom because a source of entertainment in Hilton's world.

(b) Title :- Romey Scores again

In a match that only be describe as a Spectable, the evergreen wayne Romey proved once more why he seated his name into Fotabilling Folklore. As if turning back the hands of time, Romey delivered a master class, showcasing moments of pure brilliance that left fans in awe and opposition defenders scratching their heads.

The first lapse of genius occured in the 18th minute when Roomey, with a seemingly effortless touch, orchestrated a perfect give and go with his teammate finding himself in the box, he unleashed a powerful strike that hestled into the buttom corner of the net leaving the goalkeeper with no chance. The stadium erupted in applauses as Roomey celebrated with his trademark grit and determination.

But Roomey wasn't satisfied with just one moment of magic. The second lapse of brilliance came in the 55th minute when he expertly read the opposition's defense, making a perfectly timed run behind the backline. A precision through ball found its way to Romey, who with composure that only come with years of experience, delicately, clipped the ball over the on rushing goalkeeper.

The crowd was on their feet witnessing a living legend defy the passage of time chants of "Romey" echoed through the stadium as fans acknowledge the enduring greatness of the iconic striker. The lapses

of genius weren't just goals, they were remainders of a career filled with passion, dedication and an uncanny ability to seize the moment.

After the match Rooney, ever the humble maestro, deflected the praise to his teammates and the coaching staff football is a steam sport and I'm fortunate to be a part of an incredible team." He remarked in the past-match interview.

As the headlines capture Rooney's latest exploits, its evident that his lapses of brilliance are not fleeting moment. But rather a testment to the timeless quantity of a true footballing legend. In the world where football evolves rapidly. Rooney remains a beacon of consistency and brilliance, proving that class is indeed permanent.

Q) Read an op-ed article and paste it in Journal.

Opinion: Palestinian Christians are losing loved ones in Israel's bombing in Gaza. Where's the outcry from Western Christian communities?

The destroyed annex of the St. Porphyrius Greek Orthodox Church, the oldest church still in use in Gaza, hit by an Israeli strike on Oct. 20. (Dawood Nemer / AFP via Getty Images)

BY SA'ED ATSHAN

NOV. 2, 2023 5:01 AM PT

Like other Palestinians and Israelis with family members in Palestine/Israel, I have found the latest and unprecedented outbreak of violence between Israel and Hamas hitting closer and closer to home. My dread became reality on Oct. 20 upon hearing from Tanya, one of my relatives. Her family lost a loved one who had been sheltering in the Greek Orthodox Church of St. Porphyrius in Gaza, one of the world's oldest churches. An Israeli airstrike hit one of the four compounds of the church, killing 18 Palestinian Christians and injuring at least 20.

Amidst the grief, Tanya reminded us to celebrate Aunt Elaine, our relative, who was a devoted teacher and school principal. She was killed in the bombing. Tanya said: "Gaza is all our family. The neighborhood was bombed. The walls are standing but our homes are destroyed. This time is beyond anything we've witnessed. And we all thought we witnessed the worst."

Q) Rewrite the document targeting different type of audience.

(a) High - Tech audience

In the wake of the latest and unprecedented outbreak of violence between Israel and Hamas, the impact is increasingly felt by palestinians and Israelis with family ties in the region. on october 20, I received distressing news from Tamya, one of my relatives. Her family endured a tragic loss as a result of an Israeli airstrike on the Greek orthodox church of st. porphyrius in Gaza, one of the world's oldest churches. This devastating strike hit one of the world's oldest churches. This devastating strike hit one of the church's four compounds, resulting in the tragic loss of 18 palestinian christians and leaving at least 20 others injured.

In the midst of our collective grief, Tamya urged us to celebrate the life of our beloved Aunt Elaine, a dedicated teacher and school principal who tragically lost her life in the bombing. Tamya's words resonated deeply when she said, 'Gaza is like an extended family to us. Our neighbourhood has been ravaged, and while some walls still stand, our homes are in ruins. This time, the scale of devastation surpasses anything we've witnessed before, and we thought we had already seen the worst.

The situations paints a grim picture of the impact of the conflict on the lives of people with deep ties to the

region. As we reflect on this tragedy, it serves as a stark reminder of the urgent need for peace and stability in the middle East, where technology and innovation must also play a role in addressing the underlying issues and bringing about lasting solutions"

(b) Low-tech audience

Like many people with family in palestine and Israel, I've experienced the recent and unprecendented violence between Israel and Hamas becoming increasingly personal. On octobex 20, I received heart breaking news from Tamya, one of my relatives, her family suffered a terrible loss when an Israeli airstrike hit the Greek orthodox Church of St. porphyrius in Gaza, one of the world's oldest Churches. This tragic event took the lives of 18 palestinian Christians and left at least 20 others injured.

Amidst the sorrow, Tamya encouraged us to remember and honor Aunt Elaine, our dear relative, who was a dedicated Teacher and School principal. She tragically lost her life in the bombing. Tamya conveyed, "Gaza is like an extended family to us. Our neighbourhood has been severely damaged. While some buildings still stand, our homes have been destroyed. This situation is more devastating than anything we've experienced before, and we had though we'd already seen the worst."

This situation reflects the deep impact of the conflict on people who have close ties to the region. As we reflect on this tragedy, it serves as a stark reminder of the urgent need for peace and stability in the

middle east, even for those with limited access to technology, as it affects the lives of so many."

c) Lay-tech audience :

Like many other people in the region, I have felt the recent and significant increase in violence between Israel and Hamas hitting closer at home, on October 26 my worst fears were realized when I received a call from Tanya, one of my relatives. Her family had suffered a heart breaking loss as a result of an Israeli airstrike on the Greek Orthodoy church of St. porphyrius in Gaza, one of the oldest churches in the world. The devastating strike claimed and left at least 20 others injured.

In the midst of our collective grief, Tanya reminded us to cherish the memory of Aunt Elaine, our beloved relative who was a dedicated teacher and school principal. She tragically lost her life in the bombing. Tanya expressed, 'Gaza is like an extended family to us. Our neighbourhood has been heavily affected. While some buildings still stand, our homes have been destroyed. This time is more devastating than anything we've witnessed before, and we had thought we'd already seen the worst.'

The situation illustrates the profound impact of the conflict on families and communities

in the region. As we reflect on this tragedy, it underscores the pressing need for peace and stability in the middle East, even for those who may not have extensive familiarity with technology, as it affects the lives of so many."

Q) write an argumentative write-up any current issue using Toumin's Model.

Title: Mandatory Vaccination policies: protecting public Health

Claim: Mandatory Vaccination policies are essential to protect public health and prevent the resurgence of Vaccine-preventable diseases.

Data:

Historical Eradication:

Vaccination program have sucessfully eradicated or greatly reduced once deadly diseases like small pox, polio and measles. These acheivement were possible due to high Vaccination rates demonstrating the effectiveness of vaccination in disease control.

Herd Immunity: Herd Immunity occurs when a sufficient proportion of population is vaccinated making it difficult for diseases to spread. This protects vulnerable individuals who can't receives vaccine. Such as those with compromised immune system or allergies.

Warrant: Mandatory vaccination policies are necessary because they ensure that a critical mass of the population is vaccinated, thus establishing and maintaining herd immunity.

Backing

Public health impact :- Vaccination policies have saved millions of lives and prevented countless hospitalized and disabilities... without mandatory vaccination diseases that have nearly eliminated could resurge, causing widespread suffering and streaming healthcare systems.

Ethical Responsibility: protecting public health is shared ethical responsibility. Mandatory vaccination policies strike a balance between individual autonomy and the collective responsibility to prevent harm to others.

Qualifier :- It is important to acknowledge that mandatory vaccination policies should be implemented with appropriate exemptions for medical reasons and in some cases, personal beliefs, These policies should be well designed to minimize undue burden on individual while still achieving the goal of herd immunity.

Rebuttal : opponents argue that mandatory vaccination infringes on personal freedom. However, personal freedom should be weighed against the broader ethical responsibility to protect the health and well-being of the community.

Moreover, Exemptions for Medical reasons and conscientious Objectives can accomodate individual choice while making maintaince public Health.

Q) Demonstrate your understanding of definition and division and classification, writing one paragraph for each strategy.

Definition:

Definition is rhetorical strategy employed to clarify and specify the meaning of a term, concept or idea. It seeks to eliminate ambiguity and ensure a common understanding among the audience. In academic or technical writing, definitions are often precise and comprehensive, outlining the essential characteristics of the subject being defined. For instances, when defining "sustainability", one might explain that it refers to the capacity to meet present needs without compromising the ability of future generation to meet their own needs, encompassing environmental, social and economic dimensions.

Division and classification:

Division and classification, on the other hand, are strategies used to break down complex subjects into smaller, more manageable part and to organic them into meaningful categories. Division involves spiliting a whole into its constituent parts or components, diding in the analysis and understanding of its intricasies. For instance, when analyzing the concept of "climate change" division might involve discussing elements. classification meanwhile, focuses on grouping items or concepts with similar characteristics into categories or classes; facilities comparisons and distinctions when

Classifying animals, for example, one can categorize them into mammals, reptiles, birds, etc. based on shared biological traits. These strategies enhance clarity, structure and comprehension in both written and verbal communication.

Q) write a memo, requesting your friend to do certain work (your faculty will assign you the topic).

⇒ Date :- 2024/07/06
Dear Roshan,
From Avinash Kr. Mahaseth,

Subject: Prepare a 3D Model of the building

I hope this message finds you well. I am reaching out with an exciting projects that I belive you would be interested in and could greatly contribute to. I am in the process of preparing a 3D Model of a building, and I would like to request your assistance in this endeavor.

The project involves creating a detailed 3D model of the building, which will require input from multiple perspectives and skillsets. Your expertise in Autocad designing would be invaluable in this endeavor. I belive that with your help, we can create an exceptional and accurate respentation of building.

I have attached some intial resources, including architecural plans and relevant measurements to get us started. I understand that your time is valuable, and I am willing to work around your schedule to ensure that this project is both manageable and enjoyable for you.

If you are interested in collobrating on this project, please let me know your availability and any

software or equipment you may need. Additionally, if you have any questions or suggestions, please feel free to share them.

I am excited about the potential of this project and your involvement in it. I look forward to working together to create a remarkable 3D model of the buildings.

Thank you for considering this request and I hope to hear from you soon.

Q) Identify a claim of the essay and apply Toulmin's model of argumentation.

Title :- We are all Scientist

Claim: In our daily lives, we all engage in Scientific thinking.

Data :- Consider the systematic process involved in everyday activities such as cooking, where observation of integredient changes, hypothesis formation about flavor combination and testing through testing minor scientific methods.

Warrant (Inference) :-

The application of scientific methodologies in routine task suggest an inherient inclination towards scientific thinking, even in the absence of formal scientific training.

Backing (Addition support) :

Research indicates that individual exhibit problem-solving skills & kin to scientific reasoning, contributing to constant innovation and adaptability in various aspects of life.

Qualifier (Acknowledge limitations):

While not all activities strictly adhere to formal scientific methods, the underlying principles of observation, hypothesis and testing remain pervasive in our daily experiences.

Rebuttal (Addressing Counter Arguments):

Critics may argue that everday task lack the precision of scientific research. However the core lies in recognizing the fundamental scientific thinking inherent in diverse aspects of our lives. Fostering continuous learning and understanding.

This revised version adheres to Toulmin's model by presenting a clearly claim, supporting evidence, logical inferences, additional backing, acknowledgment of limitations and addresing potential counter argument.

Post week reflection (5)

2024/08/17

In today class our lectured Miss. Menuka describe the story of the "The Diamond as Big as the Ritz". In this story we known about the American life style. In this story we known how the life of American weadthy people is cut off from the neighbour. In this story show how the American people is cut off from the neighbour and how much alone they are in their life.

Q) Write Memo, email and letters using the criteria for different types of workplace correspondence.

→ MEMO

To: All employees
From: HR Department
Date: July 8, 2023

Subject: New Remote work policy

Dear Team,

We are excited to announce, the implementation of our new remote work policy, effective from August 1, 2023. This policy aims to provide flexibility and support a better work-life balance for our employees.

Key points of the policy:

- Eligible employees can work remotely up to three days per week.
- Employees must ensure they have a reliable internet connection and a suitable work environment.
- Remote work requests must be approved by your direct supervisor and HR.
- Employees are expected to be available during standard business hours.

For more details or any queries Feel free to reach out to the HR department.

Thank you for your cooperation.

Best regards,
Avinash Kumar Mahareth
HR Manager

Email

Subject : Meeting Request: Project update Discussion

Hi Radheshyam,

I hope this message finds you well.

I am writing to request a meeting to discuss the progress of the 3D modeling project. I belive a quick update meeting would help us align on the next steps and address any potential issues.

Could you please let me know your availability this week for a 30-minute meeting? I am available on Tuesday and Thursday afternoon.

Looking forward to your response.

Best regards,
Avinash Kumar Mahareth
Project Manager

LETTER

Radheshyam Co. PVT. LTD
Radhe Radhe, Bhaktpur, Nepal
31st July 2024

Shyam Singh.
Bal Bhadra Co. PVT. LTD
Mahottari-6, Mahottari, Nepal

Dear Shyam,

Subject: Renewal of Service Agreement

We hope this letter finds you well. As we approach the end of our current service agreement, we would like to take this opportunity to discuss the renewal terms.

Over the past year, we have enjoyed a successful partnership and we look forward to continuing and collaboration. Enclosed with this letter, you will find a proposed renewal agreement detailing the updated terms and conditions.

Please review the document at your earliest convenience. We are open to discussing any adjustments or addressing any questions you may have. We aim to finalize the renewal by 04 August 2024.

Thank you for your continued trust in our services. We look forward to another year of successful partnership.

31st July 2024
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Sincerely,
Avinash Kumar Mahasetti
Human Resource Manager
9864002447

Q) Apply Toulmin's model to rewrite the poem "The Road not taken."

Title: The Road not taken

Claim: The speakers choice of the less-travelled road has made all the difference in their life.

Grounds: The speakers reflects on a moment in the past when faced with a choice between two diverging paths in a yellow wood. They choose the less travelled one.

Warrants: The assumption is that life is defined by the choice we make and the speaker attributes significance to the road they choose, suggesting it has shaped their experiences and out come.

Backing: Life is filled with choices, and each decision has the potential to influence ones journey the speaker implies that the road less travelled symbolized a unique and individualistic path.

Qualifiers: The speaker acknowledges that both paths were essentially equals as they were both worn about the same. The significance of the choosen path is subjective and may not be universally applicable.

Rebuttal: There is a subtle rebuttal in the acknowledge that further reflection might led to different interpretation. The speaker anticipates that others might question the significance of their choice and the poem itself becomes a testament to the uncertainity and complexity of life journey.

Q) Refer to any job opening in a newspaper /online platform and write a job application:-

⇒ Cnathaghar, Bhaktapur
23th Sept 2023

Naksal, Kathmandu

To,
The manager

Subject: Application for Assitant manger position

Dear Sir/madam

I am writing to my enthusiatic interest in the Assitant manager position as advertised on your Company's career portal with a Solid Background in industry and a proven track record of effective dedership and team Collabration I am Confident in my ability to contribute to the sucess of your team.

In my previous role at Cn Company. I played a key role in product supply and stock maintaining, which Significally Contribute to the overall efficiency and Sucess of the team. my experience in overseeing promoting and distributing electric gadget, coupled with my strong organizational and Communication skills, positions me as a Suitable Candidate for the Assitant Manager role of your Company.

To,

The manager

page No- 2

23th sep 2023

I am excited about the prospect of Contribute to the continued Sucess of your team and helping to drive initiatives that align with the Company's goals.

My leadership Style is characterized by letter of application attached with this application and I am adept at fastening a collaberative and high performing team environment. I thrive in fast-paced and dynamic Settings and on confident in my ability to handle the challenge that come with the Assistant manager role.

Enclosed with this letter in my resume, which provides additional details about my professional background and accomplishments. I would welcome the opportunity to further discuss how my skills and experiences align with the needs of your team in an interview.

Thank you for considering my application I look forward to the possibility of contributing to the sucess of the company as an Assistant manager.

Sincerly,

Avinash Kumar Mahaseth

Q) write introduction Section of Concept paper on issue of "earthquake damaging houses".

Topic: Earthquake damaging houses

Introduction:

Earthquakes, as one of the most formidable natural disasters, have left a trail of destruction and devastation in their wake, frequently wreaking havoc on ~~houses~~ houses, which not only serve as shelter and sanctuaries for individuals and families but also represent a significant investment of resources. The issue of earthquake induced damage to houses is a matter of critical importance as it is not only jeopardizes the safety and well-being of inhabitants but also poses substantial economic and societal challenges. This concept paper aims to delve into the multifaceted aspects of this issue, examining, the causes, consequences, and potential mitigation strategies, in order to foster a deeper understanding and facilitate more resilient, earthquake-resistant housing solutions. By doing so, we endeavor to contribute to the broader discourse on disaster risk reduction and sustainable urban development, seeking to safeguard the lives and livelihoods of communities facing the constant threat of seismic activity.

Q) Apply Toulmin's Model of argument to re write the essay "The making of a scientists".

Title: The making Of a Scientist

Claim: The process of becoming a scientist hinges on exceptional curiosity, distinct interests and a unique environment.

Grounds: Scientists exhibit eccentric qualities and have interests, hobbies and surroundings that differ from the average person. They possess an instabilities, all-consuming curiosity. The absence of these characteristics can lead to the failure of scientific innovation.

Warrant: Exceptional curiosity, distinct interests, and a unique environment are prerequisites for nurturing a scientist. Scientists, ecentricities and their passions for exploration drive ground breaking discoveries without these elements,

Backing: V.S. Ramachandran's experiences and observations support the assertion that scientists posses unique traits, interests, and environments. He draws upon his own life experiences to illustrate the nature and behaviour of a scientist.

Qualifier: While these traits are crucial for scientific sucess, it's important to note that not all scientists fit the same mold. There may be variations in

the degree of ecentricity, interests, and environment that contribute to scientific achievement.

Rebuttal: Some might argue that not all scientists need to be eccentric or possess extra ordinary curiosity. However, it can be argued that a significant number of sucessful scientists to exhibit these qualities and their presence often accelerates scientific progress.

Q) write method of section of internal proposal on the topic "technology."

Topic : TECHNOLOGY

1. Research objectivies :

The primary objective of this research is to analyze the impact of technology on our organization and identify opportunties for improvement and innovation. we aim to assess current technology infrastructrue, evaluate potential upgrades, and determine the best strategies for technology implementation.

2. Data Collection

a) Literature review

we will conduct an extensive literature review to gather insights into the latest technological trends, best practices, and case studies related to technology adoption in similar organizations. This will serve as the foundation for our proposal.

b) Surveys and Questionnaires

we will design and distribute surveys and questionnaires to employess, managers, and other relevant stakeholders to gather information on their current technology usage, challenges, and suggestions for improvement.

c) interviews

In-depth interviews will be Conducted wi
Key personnel, including IT Specialists, department heads, and executives, to gain a deeper understanding of specif technology needs and challenges within the organization.

3. Data analysis :

a) Quantitative analysis:
Survey data will be analyzed using statistical software to identify trends and patterns in technology usage, satisfaction, and areas for improvement.

b) Qualitative analysis:
Data from interviews will be transcribed and analyzed thematically to identify key insights, concerns, and potential solutions.

4) Benchmarking
we will compare our current technology infra-structure and practices with industry benchmarks and best-in-class organizations to identify gaps and areas for improvement

5) Recommendations:
Based on the research findings, we will provide a set of clear and actionable recommendat-ons for improving our organization's

technology infrastructure. These recommendati-ons will be prioritized and accompanied by a cost benefit analysis.

6) Implementation plan:

We will outline a detailed plan for implementating the proposed technology improvements, including timelines, responsibilities, and resource allocation.

7) Budget:

A comprehensive buget will be presented, detailing the estimated costs of implementing the proposed changes.

8) Risk Assessment:

We will conduct a risk assessment to identify potential challenges and mitigation strategies associated with the proposed technology enhancements.

9) Timeline:

A project timeline will be developed to ensure that the proposed changes are executed efficiently and within the desired time frame.

10) Evaluation:

we will establish key performance indicators (KPIs) to measure the sucess of the proposed technology enhancements and conduct periodic evaluations to assess progress.

Q) Identify a claim of the essay and apply Tolumin's Model of argumentation on "Einstein's letter to freud and Freud's letter of Einstein."

Einstein's Letter to freud

⇒

Claim :- The prevention of war is a complex issue intertwined with human nature and cultural development, and while it is unlikely that the destructive instinct can be wholly eradicated, efforts should be made to channel or mitigate it.

Grounds :-

a) Historical Analysis: freud argues that violence has been a fundamental aspect of human conflict resolution throughout history, transitioning from brute force to law and order, but never completely eliminated.

b) psychological Analysis: He provides an account of human instincts, identifying a destructive instinct (death instinct) that drives aggression and conflict.

c) Cultural observation: Freud ~~observati~~ points out that cultural and psychological development trends towards reducing instinctive aggression, but this is slow and incomplete.

Warrant: Freud asserts that because war is deeply rooted in the destructive instincts of

humanity and because Cultural evolution h
not yet full suppressed these instincts,
preventing war entirely is unlikely. Theref
the focus should be on managing or
redirecting these instincts rather than
expecting complete eradiction.

Backing

- Theoretical Support: Freud references psychoanalytic theory about the duality of human instinc (Eros and the death instinct) and how these interact in complex ways to drive human behavior.

- Historical Examples: He uses historical instances whe violence led to larger units of peace, like the Roman Empire's pax romana.

Qualifier: He acknowledges that while it is extre-mly challenging to eliminate the instinc For war due to its deep roots in human nature and history, efforts to mitigate it through cultural and psychological means are worth pursuing.

Rebuttal: Freud anticipates that his argument might be seen as overly pessimistic or theoretical. He acknowledges that idealis ie attempts to replace brute force with sentiment face significant practical challenges and are unlike to succeed without adequate enforcem ent power.

Post week reflection

2024/08/24

In the today class we all student of our class present the presentation on the different topics which are already assigned by our teacher. In this class we all class mate present one by one by the help of slide and describe clearly about the given topic and make all our class mate clear vision about the given topic.

Q) write the literature review of proposal section on the topic "technology."

Topic : Technology

Introduction :

The rapid ~~technology~~ evolution of technology has transformed the way organizations operate and interact with their stake holders. This literature review aims to provide a comprehensive overview of key trends, challenges, and opportunities in the field of technology within the context of our organization.

Technology Trends :

1. Digital Transformation has emerged as a fundamental driver of organizational change. The adoption of cloud computing, data analytics, and automation has enabled businesses to streamline operations, enhance customer experiences, and improve decision making processes.

2. Artificial intelligence (AI) and machine learning have gained prominence in recent years. They have the potential to optimize various business processes, from predictive maintenance in manufacturing to personalized customer reccomendations in e-commerce.

3. Cybersecurity As technology advances, the need for robust cybersecurity measure has become more critical than ever organizations are vulnerable to data breaches & the protection of sensitive information is a top priority.

Challenges

1. Legancy systems

Many organizations grapple with the integration of legacy systems with newer technologies. This often leads to inefficiencies, increased maintenance costs, and limitations in scalability.

2. Skills Gap

The rapid pace of technological change has created a shortage of skilled professionals who can navigate emerging technologies effectively. Bridging this skills gap is essential for sucessful technology adoption.

3. Data privacy and compliance

Data privacy regulations such as GDPR and CCPA, have raised concerns about the ethical use of data and compliance requirements. Organizations must Ensure they adhere to these regulations to avoid legal consequences.

Opportunities:

1. Enhanced customer Engagement

Technology allows organizations to Engage with customers in more personalized and interactive ways. Chatbots, social media, and data analytics can provide insight into customer behavior and preferences.

2. Cost Reduction

Efficient technology implementation can lead to cost savings through automation, improved resource allocation, and reduced operational overhead.

3. Competitive Advantage

Embracing innovative technology can set our organization apart from competitors, staying ahead in technology adoption can lead to increased market share and business growth.

Conclusion

The literature review highlights the dynamic nature of the technology landscape and the profound impact it can have on organizations. Understanding current trends, addressing challenge and capitalizing on opportunities are pivotal to harnessing the power of technology for our organizations' benefit

Q. Apply tolumin's model to write the essay

The Myth of sisyphus

1. claim: life is inherently absurd, and individuals must comfort this absurdity.

2. Data:

The story of Sisyphus, who is condemned to push a boulder up a hill for eternity, only to see it roll back down.

- Human Experiences of monotony, futility, and the inevitable confrontation with mortality.

3. Warrant:

Just a sisyphus must find meaning and purpose in his external task, humans must find meaning in a seemingly meaningless world.

4) Backing:

Existentialist philosophy suggest that individuals have the freedom and responsibility to create their own meaning

- Absurdity is a fundamental aspect of the human condition, as recognized by philosphers like Camus and Jean-paul sartre.

5) Rebuttal

Some may argue that life has inherent meaning or that religious beliefs provide a framework for understanding existence.

- However the existentialist perspective emphasizes personal responsibility and the absence of predetermined meaning.

Q. Write two paragraphs using comparison and Contraost startegy on the topic "traditional Education vs online education.

⇒ Traditional education, rooted deeply in history, has always been characterized by face to face interactions with in a physical classroom setting. This age old approache allow for immediate feed back, fostering a sense of community among students and educators alike. In a traditional setting, students benefit from spontaneous discussions, hand-on experiments and direct guidance from teachers. The structured timetable and consistent routine also instill discipline and time-management skills. However, this mode of Education often comes with geographical ~~Construction~~ constraints, limiting acess to quality institutions for some individuals and may not cater to diverse learning styles.

On the other hand, online education, a relatively modern phenomenon, offers unparalleled flexibility and accessibility. Learners can accesses a vast array of courses and resources from any where in the world, transcending geographical barriers. This mode empowers individuals to customize their learning pace, making education more personalized. Additionally, the digital platform often integrates multimedia tools, making lessons interactive and engaging. Yet online education can sometimes lack the immediacy of face-to-face interactions potentially leading to feeling of isolation or challenges in building strong peer peer relation furthyre more, technological issue or the need

for strong self-discipline can pose challanges for some students.

Q Apply Tolumin's model to rewrite the Eassay

The burden of skepticism

Claim : Carl Sagan argues that a healthy dose of ~~sp~~ skepticism is necessary for scientific inquiry and understanding, advocating for a balanced approach.

Evidence : Sagan points out historical instances where skepticism challanged prevailing dogmas, leading to scientific break throughs and a more accurate understanding of the universe.

Warrant : Skepticism, as presented by sagam, acts as a safeguard against unwarranted beliefs, encouraging a pursuit of evidence based knowledge.

Backing : Sagan draws on the scientific method's sucess and the principles of empirical observation to support the ideas that skepticism is integral to the scientific process.

Qualifier : Sagan acknowledges the potential down sides of extreme skepticism but emphasizes the importance of quenstioning without dismissing evidence outright

Rebuttal : Sagan addresses potential objections by highlighting the dangers of blind acceptanc and the need for continuous quenstioning in the face of incomplete or misleading Informa

Q Summarize the major ideas of the twenieth century: science and technology.

⇒ The 20th century was marked by significant advancements in science and technology that transformed the way humans live and understand the world. Some major ideas and developments include:

1. Quantum mechanics and Relativity:
Revolutionary theories in physics, such as quantum mechanics and Einstein's theory of relativity, reshaped our understanding of the fundamental nature of matter, energy, space and time and organ transplants, significantly improved healthcare and increasesed life expectancy.

2. Information technology and computers:
The development of computers and information technology had a profound impact on society. The invention of the transistor, the microprocessor, and the birth of the internet paved the way for the digital age.

3. Genetics and DNA:
The discovery of the structure of DNA by James watson and the francies crick in 1953 opened up new frontiers in genetics. The understanding of DNA's role in heredity and the mapping of the human genome were key achievements.

4. Space Explorations :

The 20th century saw the first human landing on the moon in 1969 as part of the Apollo program. Space exploration expanded our understanding of the cosmos and fueled technological innovations.

5. Medical Advances :

Break through in medical sciences such as the development of antibiotics, vaccines, and organ transplants, significantly improved healthcare and increased life expectancy.

6. Nuclear Technology :

The development of nuclear technology brought both benefits and risks. Nuclear power provides a new sources of energy but it also led to concerns about nuclear weapons and the potential for catastrophic accidents.

7. Green Revolution :

Agricultural advancement, including the Green Revolution, introduced new technologies and practices that significantly increase food production, helping to address global hunger.

8. Environmental Awareness :

Increased awareness of environmental issues emerged, particularly in the latter half of the century, leading to movements and regulations aimed at adressing pollution, conservation, and sustainable development.

9. Biotechnology:

The manipulation of biological systems at the molecular and genetic levels gave rise to the field of biotechnology, with applications in medicine, agriculture and industry.

10. Globalization:

Advances in transportation and communication technologies facilitated globalization, connecting people and economies around the world and reshaping social, cultural, and ~~Ecomi~~economic interactions.

These major ideas and development in science and technology during the 20th century laid the ground work of the rapid technological progress and societal changes that continue to shape the 21st century.

Q Brainstrom some topic that you are intersted in choose the best one for you and prepare a short proposal.

3D object Recognition using deep learning

objective

The objectives of this project aims to develop a 3D model of any object using deep learning. The system will take advantage of neutral networks to analysis three dimensional models provide accurate identification.

Slope:

The projects scope involves working with 3D model of objects and utilizing deep learning of scaling.

Methodology:

1 Data collection: By using training and deep learning we representing various object from different categories to 3D models.

2. Data processing: prepare the 3D models by standardizing formats, handling missing data converting them into a suitable representations.

3. Evaluation:

Acess the models performance using a seprate test data base focusing on matrices such as accuracy, precision and recall.

Expected outcomes :

1) The 3D model of object

Challenges :

Handling complex geomatics and variation in objects appearances.

→ optimizing the model for real time performance.

Budget Estimation :

The project budget will cover expenses related to data acquistion, things needed to make 3D model

Conclusion :

The project helps to show the real object in 3D views by scaling down as an real object. The sucessful implementation of this system will contribute to advancement in field such as augmented reality and computer graphics

Q. Apply tolumin's model to rewrite the callegory.

Plato " The Allegory of the cave'

1. Claim : plato's claim in "the Callegory of the Cave" might be that the world perceived through the senses is an illusion, and true knowledge is attained through philosophical reasoning and contemplation of the forms.

2. Ground (Evidence) : plato uses the allegory to illustrate his point. The prisoners in the cave represent people who are ignorant of the true reality, as they only see shadows on the wall. The outside world illuminated by the sun, represents the realm of the forms, the ultimate reality.

3. Warrant : Plato argues the since the prisoners have never seen the outside world, they assume that the shadows on the cave wall are the only reality. The warrent here is that what people perceive through their sense is not necessarily the ultimate truth; there is a higher reality that can only be grasped through intellectual understanding.

4. Backing : plato might use philosophical principles to support his argument. This could include his " Theory of forms, where abstract concepts like Justice, beauty and equality exist in a realm beyond the physical world.

5. Qualifier: plato might acknowledge that not everyone can immediately grasp the higher reality. It requires intellectual effort, education and a philosophical mindset to understand the world beyond mere sensory perceptions.

6. Rebuttal: potential counter arguments could be that sensory experiences in our primary way of understanding the world and dismissing it entirely could lead to skepticism. plato might encounter this by emphasizing the limitations of sensory perception and arguing that intellectual pursuits lead to a deeper more reliable understanding.

9. Apply tolumin's model to rewrite the drama.

The Swan Song

1) Claim : The central claim of " The swang song may resolve around the theme of the transcence of life and the artist's struggle to find meaning & purpose in the face of mortality.

2. Evidence : chekhov uses the character of svetlovidov, an actor part his prime, to illustrate the struggles and reflections of an artist facing the end of his carrer and life svetlovidov's performance of the monologue is a key piece of evidence.

3. Warrant : The warrant in the context could be chekhov's commentary on the human cond^n and the universal experience of grappling with mortality. The character of svetolovidov's serves as a representation of the broader human struggle with the inevitability of death.

4) Backing : chekhov's broader body of work, including his other plays and stories, often explores themes of human nature, the passage of time, and the search for meaning. These elements can serves backing for the overacting themes in " The swan song ".

5) Qualifier : The play may contain qualifier acknowledging that not call all artists or individuals experience this existential crisis

in the same way. It might be a subjective reflection on life's meaning as seen through the lens of a specific character.

6. Rebuttal : potential counter argument might include interpretations that focus solely on the character dynamics without delving deeply into the philosophical aspect of the play.
Chekhov might counter these by emphasizing the symbolic nature of the swan song and the broader implications for humanity.

Q write a brief personal story, recalling your Experience.

=> The "Swan Song" by Anton's Chekhov is a poignant one-act play that unfolds with in the confines of a dilapidated theater. The narrative centers around the character of svetlovidov, an aging actor who, in the twilight of his carrier, finds himself along in the theater after a performance.

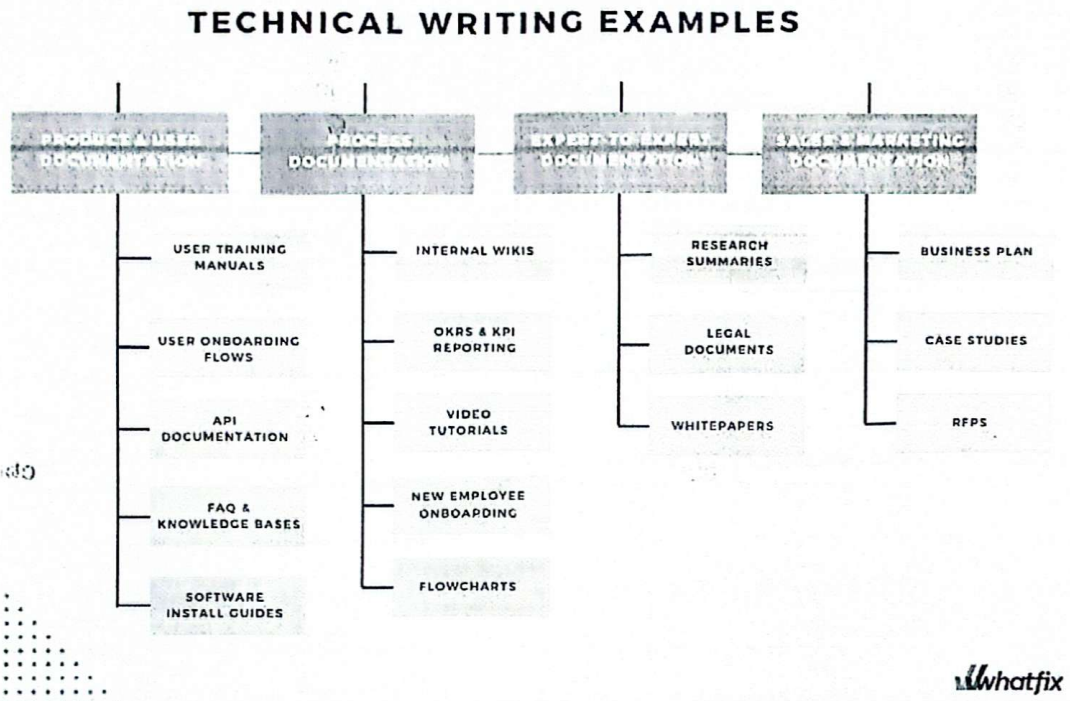
Recalling my experience with "The swan song". I vividly remember the atmospheric setting the dusty neglected stage, the creaking floor boards and the dim lighting. The sense of isolation and desolation premeated the air, mirroring svetlovidov's internal struggle.

Svetlovidov's portrayed with depth and nuance. grapples with the inexorable march of time and the inevitability of his own mortality. As he reflerts on his set life and fleeting nature of artistic glory, he delivers a powerful monologue, that serves as the play's emotional centrpiece. His words echo the universal human experience of confronting the emphemeral and transient aspects of existence.

The symbolism of the swan song, traditionally associated with a final, poignant performance, becomes a metaphor for svetlovidov's own journey. The plan skillfully waves together thems of regret, nostalgia, and the search for meaning in the face of life is transience;

" The Swan Song" resonates not only as a commentary on the life of an actor but also as a profound exploration of the human cond^n. chekhov's masterful use of language and his ability to capture the complexities of emotion make this play a timeless reflection on the universal struggle to find significance in the fleeting moments of our lives.

Q) Download and paste one technical article in Journal.



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ACKNOWLEDGEMENT

This project consumed a huge amount of work, research and dedication. Still, implementation would not had been possible if we did not have the support of our department, supervisor and hospital management. Therefore, we would like to extend our sincere gratitude to all of them.

First of all, we are thankful to Kathmandu University School of Engineering for providing necessary guidance concerning project implementation, instruments and material. We are also grateful to Mr. Uma Shankar Panday and Mr. Sandesh Sharma Dulal for providing expertise and support in the implementation.

Nevertheless, we express our gratitude to our families and colleagues for their kind cooperation and encouragement which help us complete this project.

ABSTRACT

We had been given a project on 3D model preparation of Outpatient Department (OPD) Block of Dhulikhel Hospital. Developing ideas about 3D modeling and preliminary surveying with detailed dimensions and expressing them on a suitable scale was the major objective of this project. In this project, the orientation along with the 3D view of OPD Block of Dhulikhel Hospital was shown in 1*1meter square plywood. Different materials were used for the 3D model preparation and instruments like measuring tape and ranging rod were used for the data collection within the specified period and budget for the completion of this project. Teamwork, schedule and various frameworks were the major concerns of thisproject.

1.INTRODUCTION

1.1 Background

3D modeling is the process of creating a three-dimensional model of an object by manipulating polygons, edges, and vertices in simulated 3D space. The 3D design helps us to take a broad view of reality. 3D mapping and 3D modeling is extensively being used in various industry verticals for numerous purposes such as getting the detailed schematics of the products, as well as model a particular area.

To bring innovation among students, Kathmandu University started launching the project. This project also focuses on fostering motivation because learners become personally involved in the project. Developing ideas about the 3D model and preliminary surveying with detailed dimensions and expressing it in a suitable scale is the major task to be performed. In this project, the orientation along with the 3D view of buildings is shown. Errors and obstacles are to be reduced for the proper outcome. Different materials were used for the model preparation and instruments like measuring tapes were used for the data collection within the specified period and budget for the completion of this project. Teamwork, schedule and various frameworks are the major concerns of the project.
The 3D model would be very helpful in visualization and proper planning of the construction works thus meeting various aspects regarding the 3D model will be fruitful for many tasks.

As engineering students, we had been given a project on 3D model preparation of OPD Block of Dhulikhel Hospital. 3D model was created algorithmically with hands. Our project work mainly focused on the designation of the 3D model manually. Thus, we have prepared the 3D model of the OPD Block using the concept of 3D modelling, preliminary survey,AutoCAD designing and basic concepts of mechanical workshop that we practiced in the first semester.

1.2 Problem Statement

This project represents the 3D-Model of OPD Block of Dhulikhel Hospital. It's essential on the ground for observing the structure and gain the knowledge about it. But with this 3D - Model design, anyone can observe the existing features of the site and gain knowledge from this model. Similarly, this helps people visualizing the actual size and shape in a three dimensional mathematical model.

Some existing problems are:
1. People find difficulties in identifying the services available at each of the floors such as Sample collection, Lab test, departmental OPD checkup stations etc.

Problems can be addressed by:
1. The model when kept at main entrance can help them identify and visualize the services (What is where)
2. This model can help to find entrance of the building.

2. Objectives

The main objective of this project is:

1.To prepare the 3D model of OPD Block of Dhulikhel Hospital.

The secondary objectivesare:

1. Measure the dimensions of OPD building with traditional/basic measuring instruments such as measuring tape and ranging rod.
2. Apply scale reduction method to compute/calculate the dimensions of the building.
3. Prepare a 3-D geometric model(physical) of the building on reduced scale.
4. Apply textured materials to the geometric physical model so that the model looks-a-like the actual building.

3.As the building is very high, the measurements will be estimated by using the property of symmetry. The height of the building has been estimated based up on the measurement of the height of the first floor.

3.LITERATURE REVIEW

The project deals with the study and preparation of 3D Model of a site. When the tape is inclined but assumed to be horizontal an error in measurement is introduced. The horizontal distance is always less than inclined length, hence the correction is always subtractive. When a tape is not straight but gets bend due to bending of part of tape, the reading will be more than actual distance and the correction will be always subtractive.

Scale is the ratio of the distance marked on the map to the corresponding distance on the ground. As the areas involved are rather large, it is essential to select a suitable scale for representing the area in model.

4. METHODOLOGY

4.1 Theoretical/ Conceptual Framework

Our project is based on collecting the data from the site by surveying and representing the structure in a 3D Model. The process of creating a mathematical representation of a three dimensional object or shape is called 3d modeling. Architecture, construction, product development, industries are widely using 3D models for visualization. 3D modeling in construction is widely gaining popularity due to the advantages it offers. There is no doubt that use of 3D modeling in construction results in better designing and material utilization. 3D models can be rotated for different perspectives and gather additional views.

Basic theoretical principle of 3D modeling is:

- Use and represent every piece of information.
- Choose the modeling method according to the current knowledge on the problem.
- Choose the appropriate techniques of measurement by tapes & ranging rod.

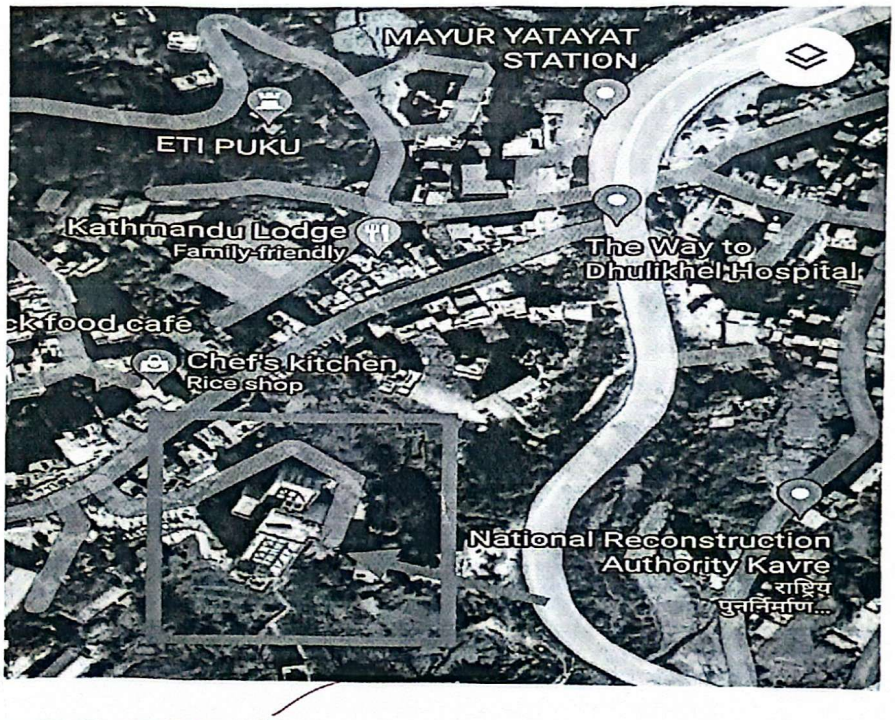
According to the literature from the 3D model we can determine the aspects to visualize and improve the design of the structure. We can improve interface to study complex/congested reinforcement details, ability to analyze individual structure components, easier to generate and update 2D drawings of specific components. It improves observation of the interactions

between structure and other disciplines by providing a common platform for the integration of design content. 3D Model provides the ability to perform construction analysis including site preparation and scheduling.

We will use Ranging rods and Measuring Tape as our main Surveying Instruments. Tape measures in both Imperial Units (inches and feet) and metric (centimeters and meters), featuring unit breakdowns for further accuracy. A ranging rod is a surveying instrument used for marking the position of stations, and for sightings of those stations, as well as for ranging straight lines. The process of establishing intermediate points when the length of line exceeds the length of tape is known as Ranging. Another type of ranging rod is used for measuring small offsets from the survey line when the work is of an ordinary nature.

4.2 Study Area

The OPD Block is located at Dhulikhel, Kavre District. It's located just near entrance of Dhulikhel Hospital.



4.3 Study Method/Design/Workflow

The methodology used in our project is represented in the methodological flow diagram as follows:

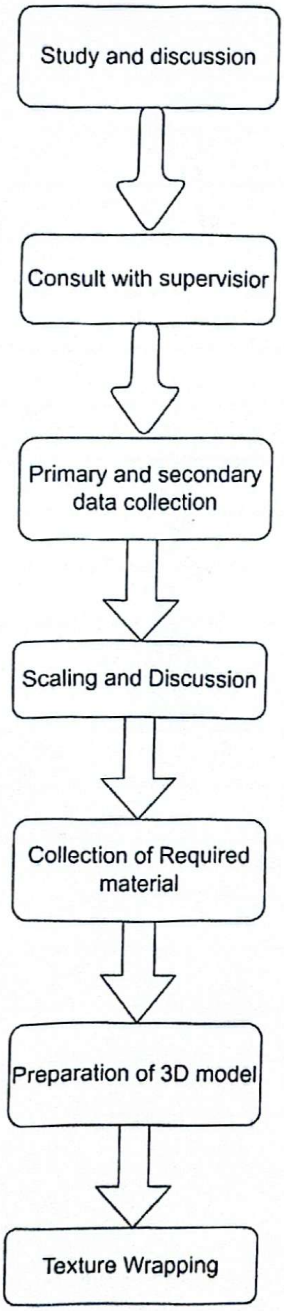


Fig.: Methodological Flow Chart

A. Preliminary study

We had done the preliminary research for the references from different books, journals and internet surfing. The research was done to get the intense idea on 3D Modeling, to identify the problems that would be appearing during the problem and the ways to handle the problems.

B. Consult with Supervisor

We had consult with faculties of our department regarding various things like the situations that we would be going throughout the project our project

C. Primary and Secondary Data Collection

Field visit was the source of primary data for our project. We had done the initial field visit to observe the shape and size of the building. Next time, after making the solid plans, we went to the field with all the equipment required for primary data collection. Some of the secondary data we got from engineering block of Dhulikhel hospital such as total height of building, dimension of some restricted area like roof top rooms etc.

D. Scaling

We were much aware about scaling part. We were already knowing about the dimension of the base of the model i.e. 1m*1m. So, we decided to reduce the scale by 1:80 for all dimensions.

Scaling Factor = Length of Paper ÷ Actual length of the site.

E. Collection of Required Material

After field visit section, we then focused on the collection of materials for preparing 3D Model. Plywood, Thermocol, scissors, hot glue gun, painting colors, chart paper, etc. were our basic materials for our 3D model. We had collected the materials available from the local market. The base of the model i.e. plywood had been provided my Kathmandu University.

F. Preparation of Model

The model had plywood as its base and over the plywood, thermocol and other materials representing the OPD Block. Finally, we had prepared the model with those scaled data.

G. Texture Wrapping

After making model by the help thermocol and other material, we had used the print out of design of wall, window and door designed in AutoCAD with proper scaling.

4.4 Instrument to be used

For the measurement and collection of data

- Measuring Tape: It is a linear tape of linen or cloth with graduations in it, used for measuring distance between two points.
- Ranging Rod: Ranging Rods are the rods of circular cross-section having the length of 3m. They are used to range some intermediate points in the survey line.

4.5Data Used

We've collected the necessary data for the project. The major ones are as follows.

- Number of Sides= 14
- Height of one Story = 3.89m
- Total Height= 23.34m from front and left side view (6 story)

  31.12m from right and back side view(8 story)

4.6For the preparation of 3D model

- Plywood
- Thermocol
- Cutter
- Fevicol and glue
- Chart paper
- Paint
- Tooth pick
- Pencil
- Scissor

7.BUDGET CALCULATION:

The total cost for made this project was Rs.5000

S.N	Particulars	Quantity	Unit Price (NRs)	Total Cost (NRs)
1.	Thermocol	7	180	1260
2.	Fevicol	2	200	400
3.	Cutter	2	200	400
4.	Hot glue Gun	1	555	555
5.	Chart Paper	3	25	75
6.	Glue Gun Stick	4	60	240
7.	Paint	1	300	300
8.	Print(A3)	20	50	1000
9.	Print (A4)	70	5	350
10.	Tooth pick	10	20	200
11.	Others			220
			Total	Rs.5000

8.RESULT:

After the completion of the project, we have:

1. 3D model of the OPD Block of Dhulikhel Hospital.
2. Proper details about dimensions of different shape.
3. Accuracy in scaling.
4. Complete 360 degree view of OPD Block.

9.CONCLUSION:

We are in benefit from this project as it enhances our practical knowledge of surveying, modelling and AutoCAD designing as well. We have achieved experience on working with a team. We learned about the traditional method of surveying using measuring tape and ranging rod.

Limitations

However, there are some limitations of our project which are pinpointed below;

1.No measurement of the surroundings will be taken into account

2.The measurement will be done using fundament instruments such as measuring tape and ranging rods. Therefore, the measurement will be of lower accuracy than other advance instrument's measurement.

10.RECOMENDATION:

More features of the surrounding could be included in future projects. The use of advanced instruments like Theodolite, Total station, etc. could benefit the project in more accurate measurements. Since we have only included static data in the model, no dynamic features are included.

11. REFERENCES

Retrieved from some books of Kathmandu University Library:

Fundamental of Surveying: S.K.Roy

Surveying: Dr. K.R.Arora (Vol 1)

Surveying: Dr. K.R.Arora (Vol 3)

12.ANNEX

Q) Apply tolumin's Model to rewrite the story.

"The Diamond as big as ritz"

1) Claim :- The novella presents several claims, one of the main ones being the extravagant wealth and privilege of the washington Family, who passess a diamond larger than the Ritz carlton hotel.

2) Evidence: The ground for this claim are the detailed descriptions of the opulent lifestyle of the washington family and the existence of the enormous diamond. The story provides vivid imagery and narrative to support the unbelieveable wealth and its implications.

3) warrant: fitzgerald's underlying warrant might be a critique of the excess of wealth and the consequences of a life detached from reality. The seemingly magical existence of the washingtons is contrasted with the moral and ethical challenges that arise from their wealth.

4) Backing: The broader context of the Jazz Age and fitzgerald's examination of the American Dream can be considered backing for the novella. fitzerald and often explored the moral and social consequences of the pursuit of wealth during this period

5) Qualifier :- The story may contain qualifers acknowleding the fantastical and allegorical nature of the narrative. It's a cautionary tale that stretches reality to make a deeper point about the consequences of unchecked privellage.

6) Rebuttal: Counter-argument might include the fantastical assements of the story, making it tempting to dismiss it as pure fantasy rather than a commentary on social issues. Fitzerald might counter this by emphasing the symbolism and satire woven into the narrative.