Importance of learning How to Learn:

1.Increase our communication skills

2.Easily we can introduce

3.Help to connect people

About Me:

Greetings, My name is Hitendra Sisodia and I am from Rawatbhata Rajasthan . I completed my 10th and 12th from AECS No.4 , Rawatbhata . My hobbies are mobile video editing, playing Table Tenis and playing video games .

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Subject : Learning How to Learn

Batch : B-Tech CSE-15

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Day 1 :-Introduction

On the first day of the class actually, I joined 5 min before the time and I was exploring the UPES blackboard portal but after some time a voice come from the class I was thinking

that a student accidentally opens his mic But later when I see the class portal I realized that is our sir. The energetic voice I was not expecting from a teacher. So after listening that I also get confidence and then sir introduce himself. And also told us to open the camera but I will little bit shy. Sir did not target us by calling direct names but sir give us chance to have a conversation with them and rest all on the student choice.

All the students introduce from which I also get confidence to introduce myself and this is the first time in my life that I introduce myself in front of a teacher. The way sir was talking to us is really impressive and friendly in nature. Even someone who is more timid than me may introduce himself without reluctance. On the first day, all classes were completed by introduction only and I also get a chance to interact with my batchmates.

Reflection on Week 1

Sir also told us that don't call him as sir, call him as bhaiya. This line clearly shows that bhaiya wants to interact with us as friend not as sir which is a positive point toward students also and students also do not get any fear of mistakes by which they can express their minds.

When I read the name of Learning How to Learn on the blackboard portal I get a little bit confused because this

topic is never taught us before in past years And doesn't much familiar with this topic, but exploring new subject is more interesting than reading an subject or Topic again and again, Which also increase our interest about an topic to.

Introduction to Learning how to learn

Reflections on week 1 class:-

Learning how to learn is a subject that includes several methods of learning. How we learn best is determined by a variety of elements, all of which we will investigate in this LHTL course, It will assist us in broadening our view on a specific issue

1) How do we learn anything? 2) Different types of learning

3) Is it feasible for everyone to learn?

Asynchronous Activity-1

Indian Idol Style introductory video:-

I am very excited about this week's activity after that 1-week class I get that much confidence that I can introduce myself in front of class so this is my Indian idol style introduction video.

This video covers my Hobbies, interest and the things that I wanted to learn in the next 10 weeks other than coding is related to graphics design and 3d animations.

Day 2:- Procrastinator, Tangible and Non-Tangible learning

*In the second-week bhaiya has told about Procrastinator. Also, bhaiya tries to explain with the help video of Mr.Tim urban what is actually inside the mind of a master procrastinator. Procrastinator is related to the person who deals with the thing and does that work at the last movement.

for example, School teachers have assigned homework with a due date of 3 days the student who completed the work at the last movement is known as a procrastinator.

*In Mr.Tim urban video very relates able graph is given works per day v/s assigned date, dew date, as From the image it is cleared that a procrastinator due to his work to last day And at the end movement the works per day v/s dew date graph increases.
*This video is almost 5 years ago but this is very much related to many of us.

*But the important question is for an overall session is can we Learn How to learn.

According to my point of view as we can don't learn how to Not procrastinator similarly we cannot learn How to learn. But the simple things can be taught easily as we have to learn to code then we have to

get the basic knowledge about operators of the programming language. Then syntax of any particular language in which we have to code our program.

Types of learning:-
1)Tangible learning
2) Non-Tangible learning

Learning a coding language example of tangible because it is same for all any interested person can learn this programming language but,
    1)Learn How to be discipline
    2)Learn How to non a procrastinator
    3)learn How to learn
    4)Learn How to be responsible
are the example of Non-Tangible learning that is we cannot learn these things from anyone it developed in our mind from experience.

These are only applicable if the person is interested in learning if the person is not interested in learning that no one can teach that person.

Reflection on Week 2/3

The pole that conducted by bhaiya about learning style comes out to be 45%visual,38%tactil and 17%Auditory
according to my, my learning style is correct because first of all visualize the things then take action and tactical is wrong for me. I also get things faster when someone narrates the things rather than reading.it about 20% tactile and the rest 35% Auditory suitable more me more perfectly.

Sir show us a video of a cat in which one cat is tactile which is very curious to go near to the fountain. And another cat is lazy and did not

want to learn own self when the cat sees that in fountain contains water then by visual learning the cat then the lazy get up.

From the above video, the conclusion is that tactile is very curious to learn things. But lazy one only copies to tactile and then learns which lose the interest in learning.

For example, if we want to learn to code then we have to be curious if we didn't show interest then things became more complex to understand. In class 11th and 12th, we have python in computer science subject but at that time it would be easier to understand so I show lazy ness which loses interest in learning But in college when I get chance to learn C and C++ which is more complex and hard than python, increases my interest about coding. Every day I used to think about an algorithm that how this line can be written as a program and this all person can learn by himself because the teacher teaches us about the syntax of C or C++ but later How to construct program can be done from there thinking power, not by teaching. Every time students get stuck if they get any new program of at that time student shows lazy ness then he/she will not able to construct algorithm.

So from the above reflection, I can conclude that person wants to be curious about learning.

Asynchronous Activity-2

We were supposed to watch three short YouTube videos and read a blog article during this asynchronous activity week 2 of LHTL. I learned a lot of new things and gained a lot of learning insights after watching all of the videos and reading the blog that followed.

The speaker in the first video gave us a number of principles to effective learning. She also shared an example of how, as a student,

she was uninterested in mathematics, but as she grew older and overcame her fear of it, she developed an interest in it. She claims that the brain is incredibly complex. And the brain has two modes of operation: concentrate mode and diffuse mode. After seeing the video, I understood that learning new things we are unfamiliar with is lot easy than we anticipated.

In the third video, a man also suggested strategies for learning to unlearn. I discovered that it is the collection and exchange of information, not knowledge itself, that gives you power.

The contrast among education and understanding is discussed in this blog. An person's knowledge is described as the knowledge and aptitudes gained through experience and theoretical research of a subject.

The acquisition of information or skills via experience and study is referred to as learning.

The distinction among learning and understanding is one of action! This was a critical notion for me to understand.

All of these videos, as well as the blog, were quite helpful in teaching me a variety of new skills. I grew engrossed in them, and time passed without me noticing.

Week 4 : Curiosity and Inquiry

This session is very knowledge full session about That for learning we have to be curious and then Inquiry-based learning can be done.

Inquiry-based learning can be done in many ways by direct searching on google this is the simplest thing.

Another case is that the person wants to learn but is not curious and doesn't show interest in learning then that person also can do inquiry-based learning.

No one can learn anything from anyone this line is correct up to some aspect because some can give us startup only rest all things we want to learn ourself even weather you giving 10 or 10lakh for learning.

As per my reflection if anyone is giving 10lakh for learning he/she to take full advantage of learning.

Week 5/6 : Learning through Inquiry

As per every week: Don't be shy say hi, With this beautiful thought today's class gets started in which sir has taught about different types of teaching models with their respective examples.

*Learning Purely depends on the learner. If we make anyone curious about learning it is his/her responsibility that he/she wants to learn a thing or not. But it Doesn't mean that a curious learner can learn anything we can make a learner curious about learning rest in all the things that can be done by the person itself.

Types of teaching model :

1)Banking Model

2)Constructivist Model

A) Banking Model: When the teacher transfer knowledge from himself to students directly i.e all the information that the teacher has directly transferred to the students is known as the banking model of learning. But this type of education system is opposed by many parents because there is no overall development of students.

B)Constructivist Model: This type of knowledge tells us that knowledge cannot be transferred from one person to another person directly it want to build by the person him/herself. Step by Step of Experiences develops knowledge in a person.

Week 7 : Elements of Inquiry Based learning

1) Question : First of all we ask Question that by this action why this   thing only happened.

2) Investigate : Then we will try to find the answer

3) Use Evidence : Then we find some supporting files regarding which   justify action with our investigation.

4) Evaluate : Then we will Evaluate the answers generated from above   process and find any mistakes.

5) Respond : Respective answer should be given.

Week 7 : Reflection on Learning through Inquiry

*This session is very helpful and very much relatable to me i.e When I was in 4th class I get very much struggle in solving the Divide problem

that how/Why that point is added to Quotient, And How that 0 is added to the remainder When the number is not completely dividing the number.

*This seems to be a small problem for now but the real struggle was at that time But through solving the problem and gaining the experience Which later became knowledge for me. And the things which we learning own are with us for a lifetime. By this solving different types of n problems, I get to understand that if the number is not completely dividing then we add 0 to the remainder. From that many small and knowledgeful experiences from that onwards mathematics is my favorite subject.

*This same thing is applicable at all places if we didn't take experience then we did not get knowledge. We have to be curious as well as gain experience to learn something.

*For any type of learning the person should be curious from that Inquiry can be done than Experience can be taken and in final that small experience knowledge gets developed.

Curious------->Inquiry------->Experience------->Knowledge

Expanding the Enquiry Using Evidence, Evaluation and findings
Reflection on Enquiry using evidence

Today's Class is relatable to all of us. The person who uses WhatsApp wants to be aware of fake messages spreading over that Platform without any evidence. Bhaiya has given many examples which spread over all over INDIA through WhatsApp.

*Actually, One day before the class bhaiya shared a message on WhatsApp which include that on sharing this message a victim gets help. WhatsApp would send money to the victim the only condition is that you have to forward this message to other 5 people.

*But in reality, this message was fake bhaiya has created this message to test the students that how we react to fake messages. Whether we will forward the message or not without any findings, Evaluation, and Evidence. Most of the students of our class forward this message without any proper Evidence. And later in the class, they get to know about the fake message.

*As, when I see the message I did not read it fully it seems to be a fake message but it's from the Teacher so, I read the message. But I don't know that it was a fake message. But in the message, it was written that on forwarding this message the person on this campaign was running will get money support from WhatsApp. From that I get an idea about fake messages even from our teacher But, I didn't forward that message, and later in the next class, it gets confirmed that was a fake message. Because that person doesn't exist in real this story is built by bhaiya that how we will react to it.

<u>Example of uncritical viral messages</u>:

1) Do Not drink Coka-Cola and eat mint together

2) Changing room contains two way mirror

3) Never eat the apple at night

Overall Reflection on Week 8:

From this topic, We Get to know that we didn't want to trust any message or news Even it is from a teacher without any proper evidence on any platform. Or which contains forwarding this message to 5 people will get money from WhatsApp.

In INDIA like vast counties, these small messages create many conflicts in the country and which also lead to fights between

different religions and cast. So the person who wants to be aware of this message that forwarding the message without evidence to a different person.

And the students have also the mentality that any message from the teacher or elder one is always truth without any inquiry we just forward that message which makes a chain between different several people and by this type of fake message became viral with 0% of Evidence. This can depend on the thinking of the person if the person has critical thinking then he/she will find proper evidence regarding the message then be supposed to forward that message.

So we cannot change this mentality of all the people at a time we also want to create a chain regarding awareness about fake messages.
If we get any forwarded message from unknown number then report that number as spam and then block.

Example: At the time of result declaration of the pending case of Hindu Muslim Temple the government wants to restrict data for overall countries to stop fake message forwarding.

Types of Inquiry Based learning

1) Controlled Inquiry

2) Structured Inquiry

3) Guided Inquiry

4) Free/Open Inquiry

Reflection on Inquiry Based learning

In today's class, sir has told about different types of learning As per my view open/free inquiry is the best option for the students because

in this students are free to choose any topic if the students will get any dought regarding the topic then they ask from the teacher. In this type of learning the students will never get bored as they choose their interest topic.

In this type of learning, there is no fixed schedule of learning the topic wise things and as in the class 40 students are there that means 40 different topics at a time, And in average 40 minutes class the teacher will not able to answer these all question as there is time barrier.

Asynchronous Activity :3

This weak activity include detailed video/audio pictorial introduction of Types of inquiry based learning.

The learning process

In today class sir has told about different types of learning process. the different components of the learning process.

Then sir told us to arrange the following words in the correct order and the ordering of learning process can be different for different internet types of people.

The six learning components of learning process. They are listed below.

1)Attention

2)Curiosity

3)Inquiry

4)Interest

5)Learning

6)Memory

I think these are learning process of mine but it can depend on person to persons.

Relation Between Emotion And Motivation

We have a tendency to carry out actions that we anticipate would result in enjoyment and fulfilment. Emotions may be thought of as either a reward or a punishment for a certain motivated activity.

Overall Reflection on Week 10

I learnt about learning process and its elements. I learned that we can occasionally shift the sequence of learning components in situations when we must first gain understanding of a topic before proceeding. I learnt the connection between Emotion and Motivation. They are related in such a manner that emotion motivates us to complete a task. As a result, they are related to one another. We grow bored of completing some task, and we have this sensation that the work is irritating, and only when we are motivated do we return to that activity with great interest and enthusiasm.

As Per My Reflection I Want To Share My Experience About Learning From Experience.

There was an time that I couldn't even handle my TT racquet at the moment. I started out with a beginning racquet with

less power, but now I'm quite skilled at this game and have a really powerful racket. I am able to play extremely well because to my expertise and knowledge of the racket as well as the game. And this all come from experience not directly from the learning.

Language And Thought

The knowledge that one individual receives from another causes him to reflect on the world. When we have an idea, we express it to others through words.

Activity Asynchronous:4

The Connection Between Learning And Language

We use language to explain our thoughts We also utilize language to express our beliefs.
We may even argue that acquiring a languages is a method of learning. It is a learning experience to learn the language we use to interact with others, as well as how other people understand my words.

Self Reflection on week 11

I learnt how language work as a medium to express our thoughts or beliefs to others. I learnt the objective behind the learning and language .
I learnt how language expresses the learning of a person. Learning of something need the medium to understand it

that is language. and thus they are interrelated to each other.

What are the benefits or importance of Writing?

Writing clarifies our thoughts, allowing us to communicate more clearly at times. Writing relieves tension since we have no other way of expressing ourselves to others. We can argue that writing boosts our confidence and productivity. We may learn more through writing since it allows us to explore more. When we write, we can concentrate more than when we speak. While writing, we add a lot of ideas and recollections.

Activity:

In this task, we must type for 2 seconds without pausing, and if we do, the previous text we have typed will be erased automatically. We were all required to do this exercise on smart phones. I wrote around 75 words. It really sharpens our attention. I tried again, and this time I was able to type 100+ words. It progressively improves mental capability. It also increases typing speed.

Asynchronous Activity-5

Actually while writing we can reflect our experiences and through this experience we learn this experience. While writing we can learn through others conversation. Writing make us to learn more confident. Writing allows us to learn how to focus.

ABOUT THIS ACTIVITY

Our teacher led this human - to - machine activity at Block XI. In this exercise, we were instructed to act as different elements of a machine. Every kid participating in this activity. mechanism Every student in this exercise became a part of a machine and explained a small mechanism of how their machine worked. All of the students were separated into three groups of ten or eleven kids each.

I belonged to the third group. All three groups created machines of their choice, such as the first group, which created a drone, the second list, which created a washing machine, and the third group, which created a solar panel.

GROUPWISE DETAIL

GROUP-1 In this group, they built a drone that takes pictures while flying.

That drone has four wings, a camera, and a remote control. That was enjoyable and intriguing.

GROUP-2 designed a washing machine that revolves clockwise. Some members of the group were the washing machine's top cover, another was the switch, another was the cord that linked the switch, and yet others were the container that held all of the clothing and moved about. This procedure was quite simple and uncomplicated.

GROUP-3 This was our group, and we built a workable solar panel. We were separated into four groups to become a part of this system, so four of them were solar panels with stands, one was an inverter, and one was the line that connected them (Solar Panel Inverter and Inverter-Battery)

container that held all of the clothing and moved about. This procedure was quite simple and uncomplicated.

Self-Reflection of this Activity

This exercise was done in a public setting, and there were some new things to learn. For starters, it was a spur-of-the-moment exercise with no prior preparation.

Second, it was both exciting and enjoyable to play the role of a machine.

And the most crucial thing we learnt was the need of cooperation among members and teamwork with complete devotion.

Group Meeting : 1

Date : 6 October 2021

Our meeting on zoom app with our Group in Which 3 students attend the meeting rather all students are inactive. This is our first meeting related to the topic to develop a skill other than coding for the next 12 weeks.

Team members of LHTL-7:- 1)Yash Gupta
                          2)Hitendra Sisodia
                          3)Nishant Singh
                          4)Shikhar

We start the conversation by introducing ourselves one by one and talking about hobbies.

I wanted to learn the basic level of graphic design and 3d animation for which Yash Gupta suggested software like 3D blender for graphic design and photo editing with photoshop.

And During this course, the skill Nishant wanted to learn for the project wants to play a Bollywood song on Guitar.
Yash wanted to learn the skill of running 5km non stop.
At starting Nishant also introduce himself but due to a network issue he was not able to join again.

Group Meeting : 2

Date : 27 October 2021

This week's meeting includes a conversation on learning skills other than coding. We talk about how much progress we get in learning that skill and resolve in doubt regarding topic i.e, Yash Gupta has suggested many Youtube channel regarding that topic from which I can take help for learning 3d animation.
In my opinion, this conversation will be more productive as well as if all the group members take part in it.

Basic Level 3D Animation

Date : 10 October 2021

Today Is the first day of starting my 3D animation journey. First of all, I downloaded the 3D blender software and installed it, the installation process of the

software is very much complex that I won't take help from you tube for installing.
Date : 11 October 2021

When Open I opened the software it take almost more than 1 min and the first UI is amazing there is a lot of buttons that I want to explore But at the same time I have fear it's a new topic for me because I only experienced mobile video editing. So for today I only explore the upper side toolbar and working of 3d animation that the canvas is divided into 3 axes we change the axis by clicking the right mouse.
Date : 12 October 2021

Today I learned about different toolbar that UI divided into 3 parts that is left, top and right sides. The top toolbox contains all the basic import and views sections of the 3d blender software. The right side toolbox contains the camera and its axis while performing and rendering a project. The Left Side tool box contains tools regarding the boundary of the objects and their outlines.
Date : 13 October 2021

I started my first project today after studying the basics of the software. I begin by importing blank screens from the import section and experimenting with the colour, texture, and shadow options one by one. My laptop is experiencing some delay while loading the project.

Software fails almost 2-3 times, which annoys me and forces me to postpone the project, but I learned in Bhiaya lesson that if we start procrastinating, it would never finish.

That class boosted my confidence, and I finished my first assignment despite several challenges.

In this small project i created an table object. Sample of that project reflect below.

The most difficult challenges I've had when working on this project have been with outlines. When I choose outlines at the same time, I can't move the object, which is a really inconvenient thing.
Date : 14 October 2021

Today I try to create an chair with textures and basic outline with the help from you tube video and learnt about horizontal and vertical cutting tools which is used to create new selection in the edges of any objects.
Date: October 17, 2021

Basic Model Navigation

We use the central mouse cursor to spin around in the 3D perspective.

Hold shift+middle mouse then move the mouse to go down and up.

We utilize Ctrl and choose the items to select several objects.

We utilize A to choose anything in the world.

When we choose anything, it'll be displayed in light red.
Date: October 17, 2021

Basic Model Navigation

We use the central mouse cursor to spin around in the 3D perspective.

Hold shift+middle mouse then move the mouse to go down and up.

We utilize Ctrl and choose the items to select several objects.

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When we choose anything, it'll be displayed in light red.
Date: October 26, 2021

Rotating

To rotate an object, we must first pick the object to be turned.

Use R and then use x, y, z to rotate about a given axis. Every letter corresponds to a particular direction.

Scaling

To scale, hit the S key. After hitting "S," if we wish to extend an item across a specific axis, hit z x and y.
Date: October 29, 2021

Modifier keys are used in 3D modelling to alter the current mesh.

This modification helps to smooth the model.

All modifier parameters are accessible via the right tool bar.
Date: November 1, 2021

Choosing in Edit Mode In the modelling field,

In edit mode, we have three options for selecting things: single vertexes, arcs, or surfaces.

We utilize three keys at the top of global space to switch.
Date: November 9, 2021

Modelling Consolidation

We can choose two or even more topped with a white in edit mode and combine them together.

To accomplish this, enter edit mode, pick the vertexes to be merged, and afterwards press "W" to combine them.
Date: November 12, 2021

Today I learned about the Blade tool in modelling, which is used to trim materials at an inclination to create smoother objects.

To use the bevel tool instantly from the keypad, press Ctrl + B.