VOLTAGE AND ELECTRICITY DEFINITION & ITS UNITS

INTRODUCTION

- Hi guys in this video the topics which we are going to cover in this video are clear differentiation between electricity, current and voltage, So how many of you think that the 3 terms whichever I just mentioned you now are same, if you feel that pause the video now and go to the comment section below this video and type same let me see how many of you have felt these because the concept I am going to share with you now the 3 terms are different they are not the same ok so I hope you have commented.

So on that note we have completed the introduction part of the video and now let's go to the next topic

DEFINTION OF ELECTRICITY

- Electricity means it's an energy which is generated or produced 1 electron moves from 1 atom to another atom, so if you take your switches in your home or any electrical or electronic appliances through the wires to the switch board there is a continuous movement of electrons and that is what we call it as electricity so that's about electricity.

So on that note we have completed the introduction part of the video and now let's go to the next topic

DEFINTION OF VOLTAGE

- Now what is voltage for that let me bring you on the screen, so voltage is nothing but the pressure or the force which is required to move the atom electrons from 1 atom to another. For example in your home when you switch on the T.V or light or any electrical or electronic appliances then there is some kind of force which is pushing electrons from the switch board and electrons start to move and when they move they produce electricity and that's how your electrical or electronic appliances work. So now how we can measure voltage unit of voltage is volt or you can use the symbol to denote it by V. So if you take this particular syringe. What I am doing with the syringe is see at this position, I will use my hand to push it so my hand becomes the external force or

pressure I called it as voltage and now the piston absorbs my force it becomes negative and see here since the pressure is absorbed at 1 end at the other end through the needle syringe needle the liquid comes out and since it is emitting the liquid it becomes positive. So if you just take closer look at this according to definition of charge you might have felt that electrons move from positive to negative but that

actually not correct since the positive is force of emission and negative is force of absorption they emit they absorb this is what we would have talked but this is not the actual case in this diagram you will see that on applying voltage 1 side it absorbs the force and at the other side it emits the force. So the electrons generally move from negative to positive not positive to negative.

SO I HOPE THAT YOU HAVE UNDERSTAND ALL THE TOPICS WHICH ARE COVERED IN THIS
VIDEO AND IN THE NEXT VIDEO I WILL EXPLAINT UNITS MORE BRIEFLY IF YOU HAVE ANY QUERY PLEASE COMMENT IT DOWN AND PLEASE CHECK THE NOTES OF THIS VIDEO WHICH I HAVE PROVIDED THE LINK IN THE DESCRIPTION OF THIS VIDEO DO SUBSCRIBE MY CHANNEL AND PUNCH THE LIKE BUTTON ON YOUR SCREEN AND I WILL SEE YOU IN THE NEXT VIDEO UNTILL THEN BYE BYE!!