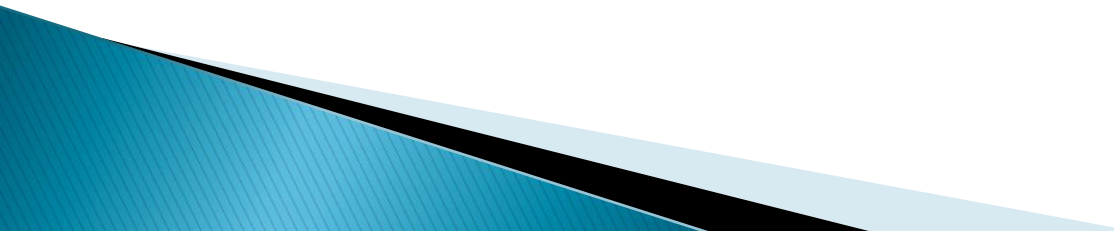


**PROJECT TITLE**

**SOUND ENERGY CONVERTED  
TO ELECTRICAL ENERGY**

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# SYNOPSIS

- ▶ OBJECTIVE
  - ▶ ABOUT THE MODEL AND ADVANTAGES
  - ▶ BLOCK DIAGRAM
  - ▶ ECONOMIC IMPORTANCE
  - ▶ RESULT
  - ▶ SCOPE
- 

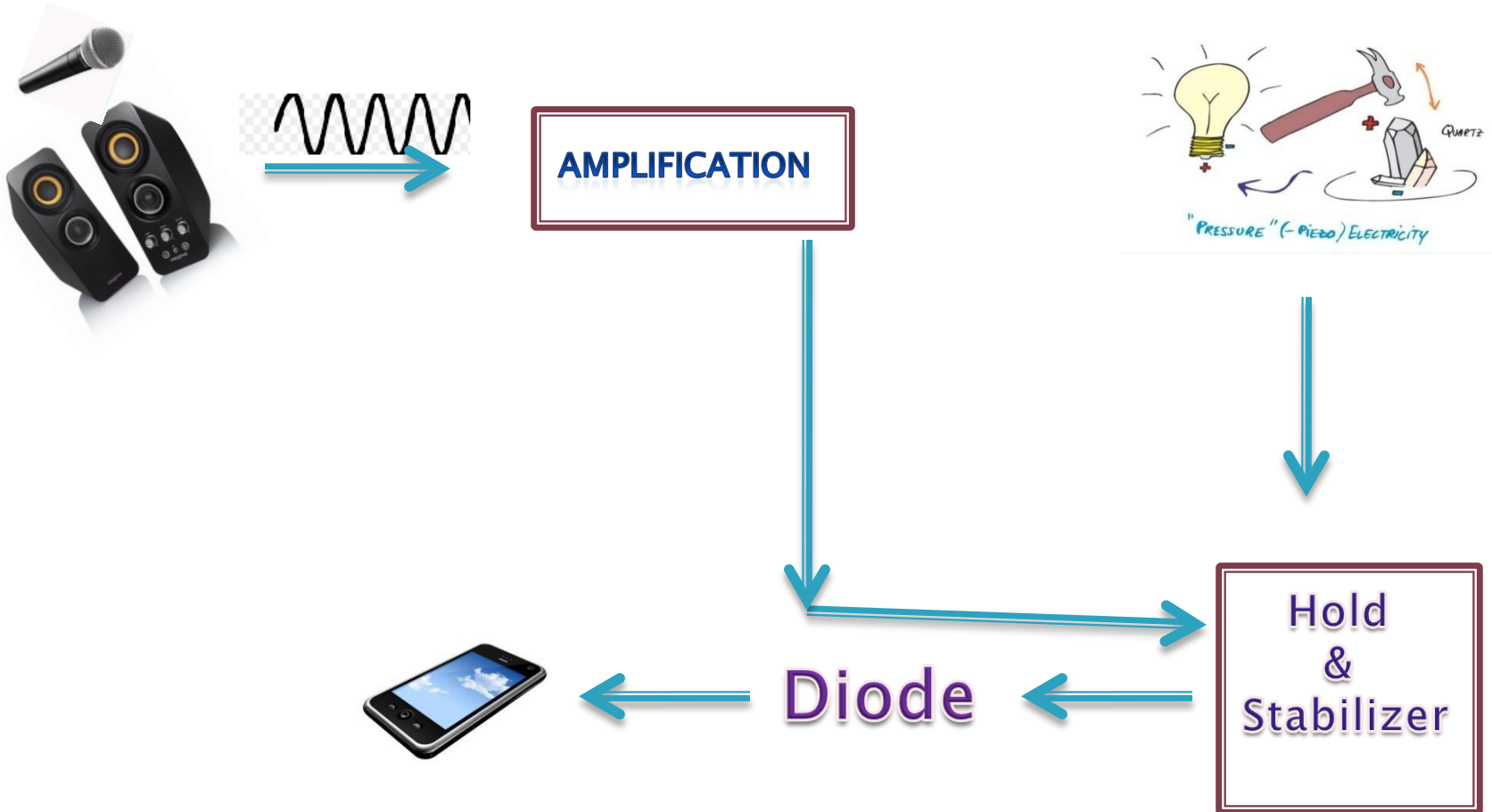
# OBJECTIVE

- There are many renewable energy around us one of them is sound energy.
- We produce electrical energy from the sound energy and vibrations.
- We may get electricity from noise and it is possible to run our device.

# *ABOUT THE MODEL AND ADVANTAGES*

- In this model we used both condensed microphone and piezo electric crystal. Here both converts the sound and vibration into electricity.
- The electricity produced by this model is used to charge the mobile phone. When we give sound energy, the mobile phone starts charging.
- Low maintenance
- Easy replacement of equipments

# BLOCK DIAGRAM

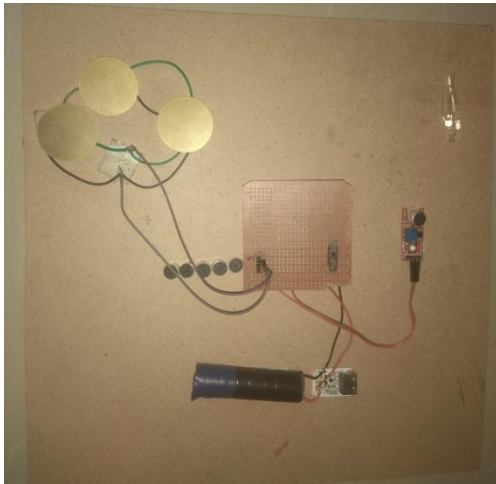


# ECONOMIC IMPORTANCE

- We are surrounded by sound energy like roads, airports, railway station, stadium and gym etc.
- Due to lacking of electricity we can be use this device. It can be installed at any noisy area and DC battery is connected to store the power and can be used in our need.



# RESULT



WhatsApp Video 2019-11-17 at 6.16.32 AM.mp4

# SCOPE

In the industries with the mechanical forte where very huge amount of the noise is produced as result of functioning of heavy machineries this sound can be trapped and can be used to run the low power machines used in production process

With the advancement of this technology we can also imagine the charging of various battery operated devices such as our mobile phones just by making a call to a friend and talking. The mobile devices will literally satisfy their name as they will become quiet portable without much concern about their battery life.





Thank You