

## **Chapter Objective**

1. To be understand the concept of hydraulic energy
2. To be able to model, analyse and design hydraulic systems

## **Chapter Motivation**

In remote areas wherein there are natural streams or rivers. Typical applications are lighting, electrical appliances, battery charging.

## **Sample Questions**

1. What is head?
2. Draw the block schematic of a micro hydro generation station and explain the various features.
3. What is the relation of head to the power delivered?
4. How is head estimated?
5. How is the flow estimated?
6. What are the types of turbines used for hydel power?
7. How is the induction generator connected to the grid?