



National Education Society (R.)
Jawaharlal Nehru New College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'A',
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



Department of Electrical & Electronics Engineering

IV Sem EE Electrical Power Generation and Economics (BEE405A)

Date : 17.3.2023 Assignment -1

Answer the following Questions:

1. Explain the general arrangement & operation of hydro-electric power plant.
 2. Explain the Classification of y hydro-electric Power plants.
 3. Mention the factors considered for the site selection of hydro-electric power plant.
 4. Discuss, the advantages and disadvantages of hydro-electric power plant.
 5. Differentiate between the hydrograph, flow duration curve and Mass curve.
 6. With a neat sketch, explain the function of Governor used in control the speed of hydraulic turbine.
 7. Explain the classification of Water Turbines.
 8. Explain the various elements of hydro-electric power plant.
 9. What is meant by water hammer? Explain the function of Surge tank.
 10. Explain the hydrological Cycle.
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