Water is the origin of wealth and prosperity. Every living creature needs water for their endurance. Accessibility of water is liable for the development of each living being. Water estimation is required to decide volumes of water. To determine the discharge of the river, it needs to measure the velocity of water flow, the radius of curvature of the river, the cross-section of the riverbank, etc. Variations in discharge occur due to many reasons such as slope and human errors in the cross-section area's measurement. Due to debris and raw material, clogging of the propeller may occur. The instrument needs to calibrate time to time to avoid instrumental errors. The velocity of the flowing water is measured using the current meter. To find out the discharge, the L-section of the river was been calculated. Manning's formula was implemented to find the theoretical velocity of water bodies.

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