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Design and Development of Experimental Set Up of Bernoulli's Principle

Harsh Rapshe, Om Sabasagi, Atharva Mohol, Karan Khandagale
Students, Department of Mechanical Engineering
Lecturer, Department of Mechanical Engineering
Zeal Polytechnic, Pune, Maharashtra, India

Abstract: *This project focuses on the design and development of an experimental setup to demonstrate Bernoulli's Principle, which states that an speed of a fluid is increases results in pressure is decreases. The setup includes a venturi-meter with 11 pressure tapping holes , pressure measurement scales, and air pressure bulb mechanism. The primary objective is to visually and quantitatively observe pressure variations corresponding to changes in flow velocity. This experimental arrangement facilitates a better understanding of fundamental fluid dynamics concepts. The design is simple, cost-effective, and highly suitable for educational and laboratory applications.*

Keywords: SET UP OF BERNOULLI`S PRINCIPLE

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