

Department : **Mechanical**

Year : **2012-2013**

Group No: **5**

Guided By

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Project Title

MAGNETIC LEVITATION PUMP

Abstract:

Magnetic levitation technology has shown a great deal of promise for micromanipulation tasks. Due to the lack of mechanical contact, magnetic levitation systems are free of problems caused by friction, wear, sealing and lubrication. This effect use in many applications such as linear motor, MRI scanners, multiscreen computer etc. In this report this effect is use in pump called magnetic levitation pump. This pump drives with static and rotary magnets. It's use in industry for various tasks such as material handling system, power generation, small level to deliverer the fluid etc. Its produce very low amount of voice and reduce the vibration. It's free from pollutants and no spoils environment.

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