

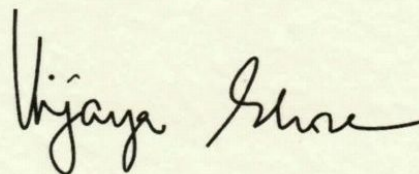
# Limca

## *Book of Records*

### *National Record*

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**Prof (Dr) Bharat Raj Singh** of School of Management Sciences, Lucknow and **Prof Onkar Singh** of Harcourt Butler Technological Institute, Kanpur, UP developed an air turbine engine with capacity to generate 5.5 HP (4.1 kW) power using compressed air as fuel. The air engine measuring 100 mm in outer casing diameter, 75 mm in rotor diameter and 35 mm in width can run a motor bike for 40 minutes using compressed air at 4-6 bar (60-90 psi) pressure. It was notified in *Patent Journal of Govt of India* on April 13, 2012. Air-O-Bike, a motorcycle fitted with the air turbine engine, was exhibited at Lucknow on May 10, 2013.



**Vijaya Ghose**  
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