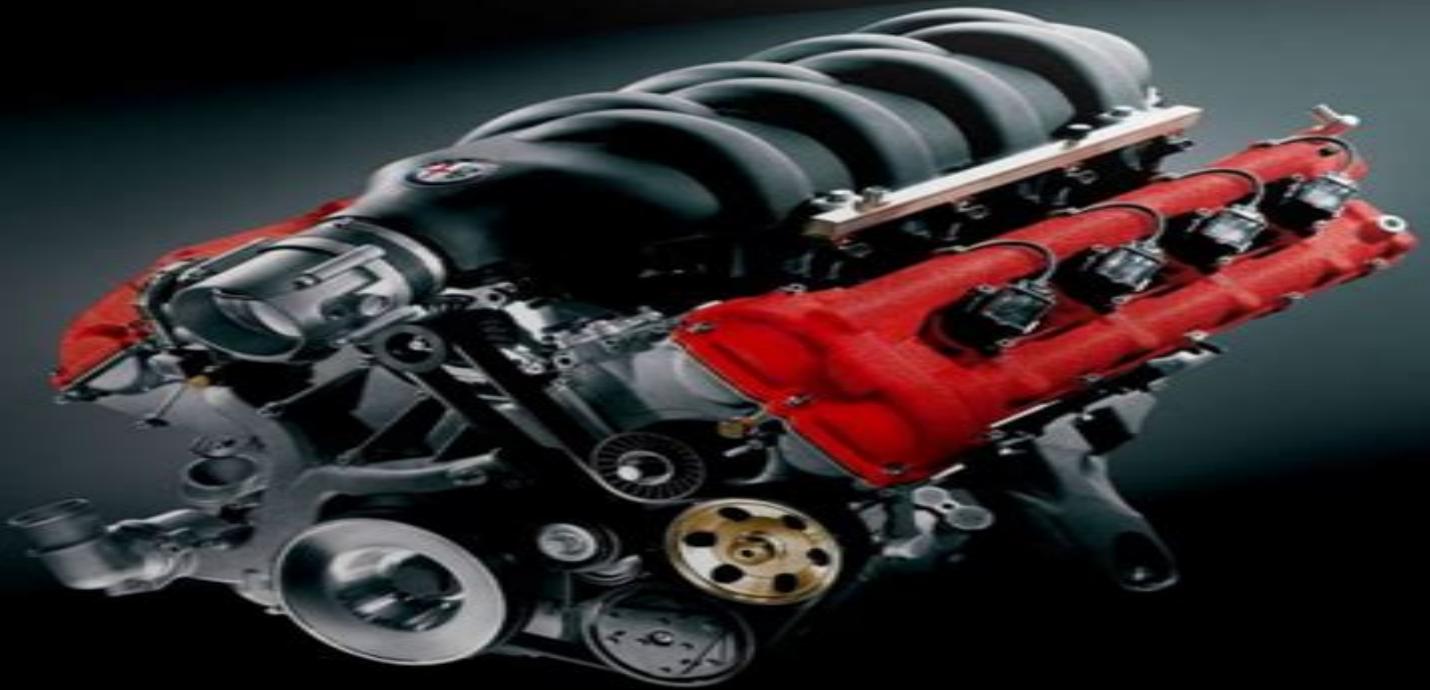


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**Siddappa N.Byrareddy**



## **Automobile Engineering Text Gupta:**

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*Indian Books in Print* ,2003     **Journal of the Institution of Engineers (India)** Institution of Engineers (India),1972     *Books from India* ,1975     *Bowker's Law Books and Serials in Print* ,1984     **Journal of the Institution of Engineers (India)** . ,1972

Whitaker's Five-year Cumulative Book List ,1968     **Additive Manufacturing Materials and Technology** Sanjay Mavinkere Rangappa,Vinod Ayyappan,Suchart Siengchin,2024-07-17 Additive Manufacturing Materials and Technologies discusses the recent developments and future possibilities in additive manufacturing The book focuses on advanced technologies and materials with chapters centered on shape memory materials alloys and metals polymers ceramics thermosets biomaterials and composites Fiber reinforced materials are covered as well as are the life cycle and performance criteria of 3D printed materials Other chapters look at the various applications of these materials and processing techniques covering their use in the aerospace and automotive sectors construction bioengineering and the pharmaceutical industry Various additive manufacturing techniques such as electron beam melting selective laser melting laser sintered fused deposition and more are also studied Presents a comprehensive overview of recent advances in additive manufacturing technology and materials research and development Outlines the processing methods functionalization mechanics and applications of additive manufactured materials and technology Summarizes lifecycles and performance parameters of 3D printed materials Focuses on the types of shape memory materials and smart materials used in 3D printing in industrial applications and their applications

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