

- [5] **Fukano, A. and Matsui, H.**, 'Development of Disc Brake Method using computer simulation of heat phenomena' SAE Technical Paper Series: 860634, 1986
- [6] **Timtner, K. H.**, 'Calculation of Disc Brakes Components using the Finite Element Method with emphasis on weight deduction', Paper C382/05, IMechE, 1989
- [7] **Medenos, S.**, 'Study of structural behaviour of Ventilated disc brake', IMechE Conference Transactions No C521/009/98, 1998
- [8] **Limpert Rudolf**, 'Brake Design and Safety', Society of Automotive Engineers, Warrandale, Inc, Second Edition, USA, PP 11-157,1992.
- [9] Automobile Engineering by **Dr. Kirpal Singh**.
- [10] **Hillier's** Fundamentals of Motor Vehicle Technology.
- [11] Brake Systems by **Mike Mavrigian & Larry Carley**.
- [12] Catia V5 for Engineers & Designers by **Prof. Sham Tickoo**.

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