

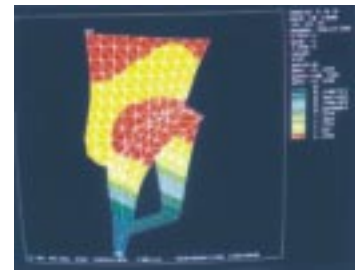
THE POWER TO TRANSLATE IDEAS

The Company enjoys a leading edge in the industry that enables it to translate any design or prototype into finished components that suit specific customer requirements, lending it a high degree of versatility and design flexibility. In-depth expertise and adequate infrastructure allows Auto Parts to carry out

- *Design of fans from as small as 100mm dia, up to 6000mm dia*
- *Performance Improvement on existing fans*
- *Stress analysis of rotating impellers*
- *Rotor dynamic analysis of fan shafts & impellers*
- *Site performance evaluation of fan operating points*
- *Design of high-performance fans*
- *Vibration study and diagnosis*



The design team at Auto Parts is equipped with four CAD stations and a team of dedicated engineers and staff that provides answers to intriguing design problems faced by the industry.



The team also feels that stress analysis of a rotating impeller subjected to high centrifugal force during operation, is critical. This is carried out, using the ANSYS finite element programme, which models and analyses the impeller under dynamic conditions.



design