

(IX)

**PROCEEDINGS OF  
IX NATIONAL CONFERENCE  
ON INDUSTRIAL TRIBOLOGY  
(NCIT -1991)**

**Jointly Organised by :  
Tribology Society of India  
&  
Central Machine Tool Institute**

FOREWORD

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I need not point out that the conference was a big success thanks to the large number of participants from academic and R & D Institutions and Industries. The response to the call for papers was very promising and a total of 51 papers had been received. However due to the Gulf war and the consequent restrictions imposed, only 36 papers were actually presented during the conference. All the papers received for presentation were included in the proceedings.

The seminar witnessed very active participation by the participants as can be seen by the large number of questions during the discussions.

I take this opportunity to thank all those who have helped in organising the conference and hope this volume will be a valuable reference book for all future developments in the field of Tribology.

*B. C. Kulkarni*  
Chairman  
Organising Committee

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Tribology Society of India  
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## FOREWORD

We are happy to bring out the proceedings of the IX National Conference on Industrial Tribology jointly organised by Tribology Society of India and C M T I during 7 - 8 February 1991 at Bangalore. My personal apologies to all the delegates for an unavoidable delay in releasing this publication.

I need not point out that the conference was a big success thanks to the large number of participants from academic and R & D Institutions and Industries. The response to the call for papers was very promising and a total of 51 papers had been received. However due to the Gulf war and the consequent restrictions imposed, only 36 papers were actually presented during the conference. All the papers received for presentation have been included in the proceedings.

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I take this opportunity to thank all those who have been connected in organising the conference and hope this volume will be a valuable reference book for all future developments in this important field of Tribology.

*B G Kemshetti*

Chairman  
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