

DIRECTOR'S DESK....

The purpose of a Newsletter of an R & D organization like Centre for Advanced Technology is to disseminate scientific and technical information of interest to its community, and to highlight those activities, which could be exploited by potential recipients of the technological developments carried out by the staff of the centre. The present issue of the Newsletter, being brought out after a somewhat long lapse, admirably addresses both these goals. I would like to compliment the contributors to this issue as well as the editorial team for the excellent work they have done. I do hope we will be able to bring out the Newsletter with greater regularity and would welcome comments/ feedback from all our readers.

Dr. V. C. Sahni
November, 2003

EDITORIAL DESK....

The last CAT Newsletter appeared almost five year ago in December 1998. Since then there have been commendable new developments in accelerator and laser activities in CAT, the major event being the commissioning of Indus-1 in May 1999. The CAT scientific community strongly felt that the Newsletter should be restarted. A new Editorial Board was constituted in May 2003, which set guidelines for the smooth and periodic appearance of the Newsletter. It was decided to come up with a comprehensive issue covering the activities from January 2002 till mid 2003 in view of the fact that Activity Report 2001 of CAT has already appeared. However, the task of collecting the inputs from different groups, compiling and editing took more time than we had originally anticipated, resulting in the issue appearing only in Nov. 2003. Nevertheless, we have retained the date July 2003 on the cover page to reflect that only activities till mid 2003 are covered here. After this issue, we will hopefully, bring out the issues of Newsletter more frequently. For the present issue it was appropriately felt that the theme articles should be on Indus-1 machine and its utilization. For an effective use of a national facility like Indus-1, the number of researchers using this facility should increase. The theme articles in this issue are meant to provide a push in this direction.

Significant developments in laser and accelerator are highlighted as research notes in this issue. We have given e-mail ID of the contact person for each news item so that any one interested can directly contact the concerned person. Surge in the research activity at CAT is amply reflected by the large publication list in Journals and Seminars/Conferences. The publications listed in this Newsletter are only those, which appeared in the year 2002.

Editorial team thanks Ex-Director Dr. D. D. Bhawalkar and the present Director Dr. V. C. Sahni for their advice and help in bringing out this issue. We sincerely hope that with this issue the Newsletter will see rejuvenation through the active participation and support of all scientific and technical staff of CAT.

Editorial Board
November, 2003

EDITORIAL BOARD

- Dr. G S Lodha
- Dr. K S Bartwal
- Shri P Fatnani
- Smt. Beena Jain
- Shri G Mundra
- Dr. H S Rawat



Charge handing over ceremony :
Dr. D D Bhawalkar handing over charge of
Director CAT to Dr. V C Sahni on Oct. 31, 2003

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