

## Indian Laser Association (ILA)

A non-profit multidisciplinary association, the Indian Laser Association has recently been formed. Dr. D.D. Bhawalkar, Dr. K.C. Rustagi and Dr. A.K. Nath of CAT are respectively the Chairman, Secretary and Treasurer of the Association. The head office of the Association will also be located at CAT. ILA has already over 120 life members from all over India and will soon publish the first issue of its Newsletter.

—Dr. K.C. Rustagi

## Publications

1. "Design and performance of a 20w Copper Vapour Laser"—J.K. Mittal, P.K. Bhadani, B. Singh, L. Abhinandan & R. Bhatnagar, J. Physics. E: Sci. Instrum. 21, 388 (1988)

2. Internal Reports

A. 88/CAT/EAP/30000/0001/D

"Conceptual Design of INDUS-I Beam Dynamics considerations"—G. Singh, G.K. Saboo, D. Angal, B. Singh & A.D. Ghodke."

B. 88/CAT/EAP/77960/002/D

"Variable Temperature Liquid Nitrogen (LN<sub>2</sub>) cryostat for Mossbauer experiments"—C.K. Ramchandran, Ratnesh Gupta and M. Thirumaleshwar.

## Interaction with Academic Institutions

1. Laser Group, CAT helped Physics Department of Devi Ahilya Vishwa Vidyalaya, Indore in introducing one paper on Lasers and Plasma Physics for M.Sc. (Physics). About 45 lectures for this course were delivered by Dr. A.K. Nath. Project work for this course was also done at CAT under the guidance of Dr. A.K. Nath, Dr. R. Bhatnagar and Shri Sanjay Kher.

2. One M. Tech student from Anna University, Madras and one

M.Sc. (Tech) student from Regional Engineering College, Kakatiya University, Warangal are doing their project work in Laser Group.

## CAT Staff Club

The CAT Staff Club came into existence on 26th January, 1987 when it was formally inaugurated by the eminent Test Cricketer Captain Mushtaq Ali. Shri A.S. Raja Rao has been nominated as the President of the club and a governing council has also been nominated. This body has been recognised by DAE for providing cultural, social and sports activities at CAT. The Staff Club has already organised various festivals such as Diwali, Dussehra, Janmashtami etc. and has also arranged various indoor and outdoor sports events. Annual Day of the Staff Club was recently organised on 26th March, 1988 at CAT premises when the noted cricket commentator Shri Sushil Doshi was the chief guest. A cultural programme was also arranged on the same day.

—S. Kher

## Official Language Implementation Committee-CAT

Official Language Implementation Committee (OLIC) was constituted at CAT on 29th June, 1987. Shri V.K. Kulkarni, Chief Engineer, CAT was nominated as the Chairman and Shri S.N. Vyas as the Member-Secretary of this Committee. This Committee is responsible for implementing the directives of the Government of India regarding the use of official language Hindi in Government offices. A Hindi Day celebration was organised by the Committee on 14th September, 1987 and cultural programmes arranged. Various Hindi competitions such as Essay, Elocution competitions etc. were arranged in which the employees of CAT took part with great enthusiasm. A quarterly Hindi Bulletin is also being brought out by the Committee. Three issues of this bulletin have already been published. The Committee has also established a Hindi Library in

which good literary Hindi books have been included. Eminent educationists and scientists from other institutions were invited by OLIC to deliver Hindi talks on scientific topics. Three talks have so far been arranged.

—S.N. Vyas

## Awards ★★★★★

Kum Priyamvada V. Gadkari



was awarded the Young Scientist award at the Third MP Young Scientists Congress, Gwalior sponsored by the MP Council of Science and Technology, Bhopal and the Department of Science & Technology, Delhi. She was also awarded the Narayan Singh award for the youngest awardee. The title of her research paper was "On period doubling route to chaos in one dimensional mappings". She is presently employed in the Laser Group of CAT.

## ★★★★★★★★★

## Obituary

We regret to inform the untimely demise of three of our colleagues:

Shri P.D. Nandwana, SO/C passed away on 28.6.87 in a tragic road accident.

Shri Shivkumar Rathore, Driver and Shri M.S. Negi, CAT Guest House Cook expired on 17.2.87 and 27.12.87 respectively, also in road accidents.

CAT NEWSLETTER is a quarterly publication of Centre for Advanced Technology, P.O. Rajendra Nagar, Indore-452012 (M.P.)

◆  
Editorial Board—  
Shri S.N. Vyas  
Dr. R. Bhatnagar  
Kum. Deepa Angal

Printed at Naidunia Printery, Indore.