

Accelerators' at CAT, Indore on 29th Oct. 88.

7. Dr. A.K. Nath, Shri S.V. Nakhe and Shri Y.V.S.T. Sai gave two invited talks each respectively on 'Types of Lasers and their principle of operation', 'Electrical power supplies for high power CW and pulsed Lasers' and 'Lasers in Medicine and Surgery' at Laser workshop for Physicists and Chemists, organised by Dept. of Physics, Dr. Hari Singh Gaur University, Sagar from Nov. 17th to 23rd, 88.

### EXHIBITIONS

With a view to help the Govt. of M.P. in setting up a nucleus for a science and technology Museum at Indore during the Nehru Centenary Year, CAT participated in a Science and Technology Exhibition at Nehru Kendra, Lal Bagh, Indore from 14th to 17th November, 1988. The exhibition was inaugurated by Chief Minister of M.P., Shri Arjun Singh. Scientific programmes and activities undertaken at CAT were explained in detail through posters and placards. Live working models of the copper vapour laser, CO<sub>2</sub> medical laser and cryoprobe were exhibited. Model of a section of the accelerator was also displayed.

As part of the commemoration of the 40th Anniversary of India's Independence and Pt. Jawaharlal Nehru's birth centenary, Ministry of Science and Technology organised a Science and Technology Exhibition at Pragati Maidan, New Delhi from Nov. 14th to Nov. 29th, 1988. As part of DAE, CAT also participated in this exhibition. Posters and pictures explaining the major programmes at CAT and an animated model explaining the working principle of the INDUS-I storage ring were displayed in this exhibition. The same exhibition later shifted to Jawahar Bal Bhawan, Bhopal, where CAT exhibits were on display from Jan. 11th to Jan. 25th, 1989.

A compact spark-gap operated N<sub>2</sub> laser giving peak power of 200 KW at 10 n sec pulse duration and using this N<sub>2</sub> - laser, a tunable Dye Laser was demonstrated by CAT scientists at the Laser Workshop (from Nov. 17th to

23rd, 1988) organised by Department of Physics, Dr. Hari Singh Gaur University, Sagar (M.P.)

### HINDI DAY AT CAT

OLIC, CAT organised Hindi Day on Sept. 14th, 1988 at AECS, CAT premises. Dr. D.D. Bhawalkar, Director, CAT presided over the function while Shri Vishnu Chinchalkar, noted artist was the Chief Guest. An extempore Hindi Elocution competition and a Hindi Poetry Recitation com-

petition was also organised on the same occasion. About 20 CAT employees participated in these competitions, out of which 10 received cash prizes. After the main function, a cultural programme was arranged in which CAT employees and AECS staff and students participated. Dance, songs, bhajans, gazals were presented. A children play was presented by AECS students, while CAT Ladies Club presented a Hindi drama - "Rai ka Pahad."



Shri V.K. Kulkarni, Chief Engineer CAT and Chairman, OLIC welcoming Shri Vishnu Chinchalkar. Seen in the centre is-Dr. D.D. Bhawalkar, Director CAT



Medical CO<sub>2</sub> Laser system being demonstrated at the Lal Bagh Exhibition