

## Model C-40 Surgical CO<sub>2</sub> Laser System

One unit of model C-40 surgical CO<sub>2</sub> laser system developed at CAT was delivered to Centre for Biomedical Engineering, AIIMS, New Delhi in February, 1992. This is an improved version of the earlier model and incorporates a spring balanced articulated arm and a binocular microscope attachment facility for ENT applications. This model was also displayed in international exhibition Wisitex, held at Pragati Maidan, New Delhi during February 4-10, 1992.

## RF Cavity for the Synchrotron

The fabrication of an RF cavity for the 700 MeV synchrotron described in CAT Newsletter Dec. 91 has been successfully completed at the CAT Workshops. The fabrication work involved UHV quality welding of the thick plates (25 mm) of the shell as well as re-entrant drift tubes having capacitive plates and machining to close tolerances.

## Annual Function of OLIC, CAT

Official Language Implementation Committee (OLIC) CAT celebrated its annual function on March 31,



Shri Abhay Chhajalani, Editor, Nai Duniya, Indore at the annual function of OLIC, CAT. Also seated on dais are Dr D D Bhawalkar, Director, CAT (extreme left), and Shri S N Vyas (right), Chairman, OLIC, CAT.

1992. Shri Abhay Chhajalani, Editor, Nai Duniya, Indore was the chief guest. Dr D D Bhawalkar, Director CAT presided over the function. Shri Chhajalani gave away prizes to 25 participants who excelled in various competitions organised by OLIC during the year 1991-92.

## National Science Day

National Science Day was celebrated at CAT on Feb. 29, 1992. About 500 students of standard XI from 25 schools accompanied by their teachers visited CAT on this occasion. They were shown various laboratories at CAT and participated in different experiments specially arranged for them. Dr. L M Rangarajan, CAT was the chairman, local organising committee.

## Scientific Seminar in Hindi

Official Language Implementation Committee, CAT organised a one-day scientific seminar in Hindi on March 28, 1992. Topic for the seminar was - *Electron Kiran Punj Ke Vibhin Upyog*. Applications of electron beams in the areas of medicine, radiation processing, food sterilisation and in heavy industry viz. cable industry, cement industry etc. were discussed by experts in the field. Participants to the seminar included representatives from educational institutions, industries and medical colleges in and around Indore. The seminar was inaugurated by Dr D D Bhawalkar, Director, CAT and Shri S N Vyas, CAT was the convener.

A Hindi Kavi Sammelan was also arranged in the evening for participants of this seminar. Ten prominent poets participated in this Kavi Sammelan.

## Miscellaneous

Shri A S Raja Rao, CAT has been elected a member of the Executive Committee of the Indian Vacuum Society for the years 1992-94.

Dr V K Wadhawan, CAT has been nominated a member of the International Advisory Committee of International Symposium on Domain Structure of Ferroelectrics and Related Materials.

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