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31. "Image processing techniques in beam diagnostics", A K Gupta, Alpna Rajan and A Banerji, SAINR-93 National Symposium on Advanced Instrumentation for Nuclear Research, BARC, Bombay, Jan. 27-29, 1993
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## OTHER ACTIVITIES / NEWS

### सामाजिक जीवन के परिष्कार में लेसर प्रयोग में लाया जाए

सामाजिक जीवन के परिष्कार में लेसर विषय पर एक हिन्दी में संगोष्ठी का आयोजन दि. 20 मार्च 1993 को प्रगत प्रौद्योगिकी केंद्र में किया गया। इस केंद्र में हिंदी में आयोजित इस चौथी विज्ञान संगोष्ठी की अध्यक्षता केंद्र निदेशक डॉ.दि.दे.भवालकर ने की।

गोष्ठी का उद्घाटन डॉ. उमराव सिंह चौधरी, कुलपति, देवी अहिल्या विश्वविद्यालय ने किया। उन्होंने अपने उद्घाटन भाषण में गोष्ठी को संबोधित करते हुए कहा कि वैज्ञानिकों का कार्य केवल सत्य का अन्वेषण करना ही नहीं है अपितु यह भी है कि अवधारित सत्य जन-साधारण तक पहुँचे व उसका उपयोग समाज कल्याण में हो। इसके लिए यह नितांत आवश्यक है कि अनुसंधानकर्ता, जन-साधारण एवं उपयोगकर्ताओं के बीच सशक्त और प्रभावी संप्रेषण हो। डॉ. चौधरी का मत था कि यह संप्रेषण हिंदी के माध्यम से ही संभव है और इसलिए विज्ञान के क्षेत्र में हिंदी का प्रयोग हमारे समाज की एक महती आवश्यकता है। हिंदी के द्वारा ही विज्ञान को जनमानस के निकट लाया जा सकता है व शहरी व ग्रामीण जीवन के अंतर की खाई कम की जा सकती है। इस अवसर पर उन्होंने प्रगत प्रौद्योगिकी केंद्र

द्वारा वैज्ञानिक कार्यों में हिन्दी का प्रयोग बढ़ाने की पहल की सराहना की। इस गोष्ठी के तीन तकनीकी सत्रों में विशेषज्ञों द्वारा लेसर पर व्याख्यान दिए गए।



(दाएँ से बाएँ) संगोष्ठी के अवसर पर चित्र में डॉ.दि.दे.भवालकर (निदेशक) मुख्य अतिथि डॉ. उमराव सिंह चौधरी, कुलपति, देवी अहिल्या विश्व-विद्यालय, श्री सत्यनारायण व्यास, अध्यक्ष, राजभाषा कार्यान्वयन समिति एवं श्री सुनील सरवाही, सचिव, राजभाषा कार्यान्वयन समिति।



### National Science Day

February 27, 1993 was celebrated as National Science Day at CAT. This year about five hundred science students of class XI (accompanied by their teachers) from twenty five schools visited CAT. The visits were organised by Dr L M Rangarajan. The students were welcomed and briefed about the activities by Dr D D Bhawalkar, Director, CAT. They were then shown various laser and accelerator laboratories. They also participated in some specially designed experiments.

### Snippets

- The Society for Environmental Communications, New Delhi, has informed us that CAT was cited amongst the top ten scientific projects in the country by a panel of senior scientists.
- CAT has won the safety award for the year 1991-92 awarded to an R & D unit in DAE with best safety record. The award constituted by Atomic Energy Regulatory Board (AERB) was received on behalf of CAT by Shri A S Raja Rao from Shri S D Soman, Chairman AERB, at a function organised at BARC, Bombay, on March 4, 1993.
- Dr P Chaddah was elected a Fellow of the Indian Academy of Sciences, for his contributions in low temperature physics.
- Shri A S Raja Rao has been nominated Alternate member, Chemical Engineering Plants and Related Equipment Sectional Committee, HMD 17 by Bureau of Indian Standards, New Delhi, representing Indian Vacuum



Society.

- The Materials Research Society of India awarded the MRSI-ICSC Prize to Dr P Chaddah for his research contributions in the area of superconductivity.
- Dr K J S Sawhney was awarded Ph.D. by Devi Ahilya Vishwavidyalaya, Indore. His thesis was titled "Studies in Energy Dispersive X-Ray Fluorescence Spectroscopy".
- Proceedings of the International Conference on Synchrotron Radiation Sources, held at CAT in February 1992, have been published. Copies can be obtained from Accelerator Programme Office, CAT.

### Obituary

Shri R K Kashyap, a Watchman in the Security Wing at CAT, passed away on November 30, 1992.

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