

प्रतियोगिता का आयोजन किया गया, जिसमें नगर राजभाषा कार्यान्वयन समिति के सदस्य कार्यालय के अधिकारियों एवं कर्मचारियों ने भाग लिया। इस केन्द्र में 4 स्थानों पर आज के शब्द तथा विचार नियमित रूप से लिखे जा रहे हैं।

प्रस्तुति :
जय नारायण सोनी

N.4 : First Aid Training for RRCAT Employees

In compliance with the guidelines laid down by AERB, Fire & Safety Section, RRCAT, organized a one day First Aid and Cardio Pulmonary Resuscitation Training for its employees on 24.07.2008. Ninety three employees of the centre attended the training. An expert team of eight trained doctors from Arihant Hospital & Research Centre, Indore were invited. They delivered a series of lectures and imparted training in first aid procedures. After the lectures and demonstration by the doctors, the participants were asked to demonstrate what they had learnt from the doctors.

N.5 : "Best Poster Award" for the RRCAT scientists

A number of research papers from RRCAT presented at various national and international conferences bagged "Best Poster Award"s for the year 2008.

- 1) A paper entitled "Experimental study on self-modulated laser wakefield electron acceleration" by A. Moorti, B. S. Rao, P. A. Naik, and P. D. Gupta, presented at "3rd Asian Summer School on Laser Plasma Acceleration and Radiations" organized at Advanced Photonics Research Institute, GIST, Gwangju, Korea, during July 21-25, 2008, bagged the "Best Poster Prize". The award carried a cash prize (in Korean Won) of approximately Rs.3,000.
- 2) A paper entitled "Dependence of high order harmonic intensity on the medium length in laser produced plasma plumes" by H. Singhal, V. Arora, B. S. Rao, U. Chakravarty, P. A. Naik, R. A. Khan, and P. D. Gupta, presented at the 23rd National Symposium on Plasma Science and Technology, at Mumbai, won the "Best Poster Award". This award given by the Plasma Science Society of India carried a cash prize of

Rs. 5,000 and a certificate.

- 3) A paper entitled "Indigenous development of coiled finned tube heat exchangers" by P. K. Gupta and P. K. Kush, presented at the 22nd National Symposium on Cryogenics, at I.I.Sc, Bangalore, won the "Best Paper Award". This award given by the Indian Cryogenic Council carried a cash prize of Rs. 2,500.
- 4) A paper entitled "In vivo diagnosis of human oral cancer by near-infrared Raman spectroscopy" by S. K. Majumder, H. S. Patel, M. Swami, S. S. Nayaar, Fakhruddin and P. K. Gupta, presented at the International Conference on Fiber Optics and Photonics (PHOTONICS-2008) held at New Delhi, won the "IITD-FOS Photonics Award" for the "Best Research Paper by authors from an Indian organization". The award was given by Indian Institute of Technology, Delhi (IIT-D) and Fiber Optic Services, and carried a cash prize of Rs.12,500.

Following three RRCAT papers presented at the Eighth DAE-BRNS National Laser Symposium (NLS-08) held at Delhi, won the "Vivek Srinivas Memorial Best Poster Award". Six such awards were given by Indian Laser Association in six different categories, and each carried a cash prize of Rs.1,500.

- 1) "Development of a compact 100 Hz XeCl (308 nm) Excimer Laser" by N. S. Benerji, N. Varshnay and J. K. Mittal, from Chemical and Excimer Laser Section, RRCAT.
- 2) "Laser micro-welding of brachytherapy assembly having high dose rate source" by B. N. Upadhyaya, M. K. Mishra, S. C. Vishwakarma, R. K. Jain, A. Choubey, D. K. Agrawal, D. N. Badodkar, Manjit Singh, K.V.S. Sastry, B. N. Patil, and S. M. Oak, of Solid State Laser Division, RRCAT
- 3) "Highly collimated and mono-energetic electron beam from laser wakefield electron acceleration" by B. S. Rao, A. Moorti, P. A. Naik, R. K. Bhat, and P. D. Gupta of Laser Plasma Division, RRCAT