



an interactive session answering the various queries about different health problems and healthy diet. Dr. Alka Ingale and Ms. Prabhjot Singh presented the memento to the guests. Ms. Arti Shelke proposed vote of thanks. Ms. Kirti Barpande convened the session. The session was ended with evening tea and enigmatic discussions about the program, future programs and health issues.

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N.9: Best Thesis Awards

Out of the eight Ph.D. theses presentations during the twentieth DAE BRNS National Laser Symposium (NLS-20), the thesis presentation entitled "High order harmonic generation from preformed plasma plumes" by H. Singhal, Laser Plasma Division was selected for the ILA "Best Thesis Award" along with other two theses. Awardees received Rs 5,000 in cash and a certificate. The awards were given by Dr. P.K.Gupta, President Indian Laser Association, on 12th January 2012 during the concluding session of NLS-20.

N.10: Best Poster awards during DAE-BRNS National Laser Symposium

In the twentieth DAE BRNS National Laser Symposium (NLS-20), out of 268 contributed papers presented as posters, the following papers were selected for the ILA best poster award by a committee of judges:

- "Development of a Shack Hartmann wave-front sensor for wave-front analysis of large size high peak power laser beam", by S.A. Pai, B. Pant, S. Raja, M.P. Kamath, S. Jain, A.P. Kulkarni, A.S. Joshi, P.A. Naik, P.K. Gupta and P.D. Gupta.
- "Study of strain propagation in laser irradiated silicon crystal by time resolved diffraction of Kalpha X-ray probe of different photon energies", by V. Arora, S. Bagchi, M. Gupta, J.A. Chakera, A. Gupta, P.A. Naik, P. Chaddah and P.D. Gupta.

N.11: Best Poster Award during DAE- Solid State Physics Symposium

A paper entitled "Commissioning of Soft and Deep X-ray Lithography Beamline on Indus-2", V P Dhamgaye, B Gowri Sankar, C K Garg and G S Lodha was presented in DAE Solid State Physics Symposium (DAESSPS 2011) at SRM University, Chennai. The poster was awarded with the best poster award in the symposium. Shri Vishal Dhamgaye received the award from Vice-chancellor of SRM University.



Sh. Vishal Dhamgaye receiving the Best poster award during DAE- Solid State Physics Symposium

N.12: RRCAT family wishes happy and healthy life on superannuation



Shri Gurnam Singh, Head, Indus Operation Accelerator Physics Design Division, retired on superannuation on 31st March, 2012. Shri Singh born on 25th March 1952 and completed Master of Science in Physics from the University of Rajasthan in 1973. He joined BARC in the year 1974 after graduating from the 17th batch of BARC training School. He was deputed to UK as a Commonwealth Scholar during 1982-84. He was awarded the prestigious MRSI Medal-2000 by the Materials Research Society of India for his important and leading role in the commissioning of Indus-1 Synchrotron Radiation Source. During May to Nov 2001, He visited PSI, Switzerland as a Guest Scientist at Swiss Light Source In 2001. His research interests included Beam Dynamics of synchrotron radiation Sources, and Crystal Growth. At present he is working as a Raja Ramanna Fellow at RRCAT, Indore.

Shri M Praveen Kumar, Regional Director IRPS&U RRCAT retired on superannuation on 31st May, 2012. Shri Kumar was born on 25th May 1952 in Kerela. He got his M.Sc degree in Nuclear Physics in the year of 1974 from the University of Calicut, Kerala and was a first rank holder. He joined the 18th Batch of the BARC Training School in the same year and started



his service in the field of cryogenics at Technical Physics Division. There, he was involved in the design of Cryostat and Space Simulation Chamber for ISRO. On 14th May 1986, he came to RRCAT on transfer and joined the Accelerator Program. He established the LCW Plant for cooling and testing of accelerator machine components. Shri Kumar has very good clarity about the requirement of Accelerator cooling system and he has implemented them systematically. He is having good



experience on design and development of the heat transfer system. He is having good understanding on engineering, chemistry and physics. The remote operated LCW plant for Indus-2 and the precision controlled chiller systems for Indus-2 RF cavities are among the major development activities by him for the accelerator machine. Outside RRCAT, he was involved, in thermal subsystem design review committee of 5.5 M diameter Thermal Vacuum Chamber System project, for space application centre-Ahmedabad. He was also a technical adviser on thermal system of Plasma Chamber development project for IPR, Ahmedabad. Since from Feb 2008, Shri Kumar was working as Regional Director, DPS, IRP&SU, RRCAT Indore.



Shri Shivanand Shridhar Prabhu, Head Accelerator Magnet Technology Division and Chairman Stipendiary Training programme at RRCAT retired on superannuation on 31st May, 2012. Shri Prabhu born on 24th May, 1952 in Karwar, Karnataka. He completed graduation in Mechanical Engineering from Walchand College of Engineering, Sangli. He joined Technical Physics Division, BARC after successfully graduating 19th batch of BARC

Training School. There, he was involved in design and development of various challenging vacuum systems. He was involved in developing long aluminum coated mirrors inside a vacuum vessel used for the observation of various astronomical objects in Kavalur observatory. He was a member of the team responsible to build vacuum chambers with variable temperature zones known as "thermo vac chambers" for ISRO. He was transferred to RRCAT in April 1986 for Indus accelerator magnet related works and contributed significantly in Mechanical design, fabrication & development of process for magnet core & coils required for booster & Indus-1 dipole, quadrupole/sextupole magnets along with related jacks, structures. He was one of the recipients of three group achievement award.

Shri Suresh Chandra Bapna, Scientific Officer G, and Head, BARC Training School at RRCAT, retired on superannuation on 30th June, 2012. Shri Bapna was born on 7th June, 1952 and hails from a very small village in Bhilwara District of Rajasthan. He completed his B.Sc and M.Sc. in Physics from Udaipur University in 1975 and joined 19th batch of BARC Training School at Trombay in the same year. After successful completion of the training he joined Technical Physics Division at BARC in August, 1976. At Technical Physics Division, he contributed towards developing liquid helium technology and superconducting magnets. Shri Bapna moved to RRCAT in June 1986 and since then he contributed to this center in various capacities as head of Industrial Medical Accelerator Section where he was instrumental in setting up of a DC accelerator, head of Advanced Technology Training Section, and finally as head of BARC Training School at RRCAT before the retirement.



N.13 : राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र द्वारा जनवरी 2012 से आयोजित हिन्दी की विभिन्न गतिविधियाँ :

विश्व हिन्दी दिवस एवं पुरस्कार वितरण समारोह का आयोजन : 10 जनवरी 2012 को इन्दौर के प्रसिद्ध दंत चिकित्सक डॉ. आशीष गर्ग एवं डॉ. (श्रीमती) मोनिका गर्ग ने दंत रोग एवं उनका निदान विषय पर एक रोचक वार्ता प्रस्तुत की। इस समारोह के मुख्य अतिथि श्री गुरनाम सिंह, तत्कालीन प्रमुख, इण्डस-II, आरआरकेट थे। इस अवसर पर माह सितंबर 2011 में आयोजित हिन्दी प्रतियोगिताओं के विजेताओं को भी पुरस्कृत किया गया।

हिन्दी कार्यशाला का आयोजन : दिनांक 17.03.2012 को हिन्दी कार्यशाला का आयोजन किया गया जिसमें कुल 24 प्रतिभागियों (17 वृत्तिका प्रशिक्षणार्थियों (श्रेणी-II), 3 सुरक्षा गार्डों तथा 4 फायरमैन) को प्रशिक्षित किया गया। आरटीएफ, छुट्टी यात्रा रियायत, लेखा से संबंधित विभिन्न मुद्दे आदि व्याख्यान आयोजित किए गए। इसी प्रकार दिनांक 23.04.2012 को प्रशिक्षणार्थी वैज्ञानिक अधिकारी एवं वैज्ञानिक अधिकारियों के लिए एक पूर्ण दिवसीय हिन्दी कार्यशाला का आयोजन किया गया जिसमें कुल 16 प्रतिभागियों (12 टीएसओ एवं 4 वै.अ.) को प्रशिक्षित किया गया। कार्यशाला में प्रशिक्षित सभी कर्मचारियों से अपने रोजमर्रा के सरकारी कामकाज में हिन्दी का प्रयोग करने का अनुरोध किया गया।

अर्द्ध दिवसीय वैज्ञानिक संगोष्ठी का आयोजन : दिनांक 27 मार्च, 2012 को हीलियम का द्रवीकरण तथा द्रव नाइट्रोजन एवं द्रव हीलियम का सुरक्षित उपयोग विषय पर वैज्ञानिक संगोष्ठी का आयोजन केन्द्र के मुख्य सभागृह में किया गया। संगोष्ठी के मुख्य अतिथि केन्द्र के निदेशक डॉ. पी.डी. गुप्ता तथा संगोष्ठी के अध्यक्ष मुख्य प्रशासनिक अधिकारी श्री बी.के. जेना ने संगोष्ठी के सफल आयोजन के लिए प्रमुख वार्ताकार क्रमशः एच तथा श्री बी.एन. दत्ता गुप्ता, वैज्ञानिक अधिकारी/एफ और समिति के सभी सदस्यों को बधाई दी। निदेशक महोदय तथा सभागृह में उपस्थित सभी महानुभावों ने संगोष्ठी की भूरी प्रशंसा की।

अखिल भारतीय पञ्चवि हास्य कवि सम्मेलन का आयोजन : आरआरकेट की राजभाषा कार्यान्वयन समिति तथा आरआरकेट स्टाफ क्लब की ओर से अखिल भारतीय परमाणु ऊर्जा विभाग हास्य कवि सम्मेलन का आयोजन शुक्रवार 18 मई 2012 को रात 7.30 बजे कम्प्यूनिटी सेंटर में किया गया। श्रीमती बीना जैन ने सरस्वती वंदना प्रस्तुत की। सर्वप्रथम आरआरकेट के स्थानीय कवि श्री राजेश कुमार सिंह ने अपनी रचना प्रस्तुत कर श्रोताओं को हँसने पर मजबूर कर दिया। डॉ. मनोरंजन प्रसाद सिंह, श्री प्रदीप कांत, श्री प्रदीप मिश्र, श्री करील, रेलवे के श्री अशोक द्विवेदी, भारी पानी संयंत्र, मणुगुरु के श्री रजा तथा पञ्चवि मुंबई से पधारे श्री वीरेन्द्र कुलकर्णी ने अपनी हास्य रचनाओं से श्रोताओं का मन जीत लिया। कवि सम्मेलन का संचालन श्री जय नारायण सोनी ने किया। इस अवसर पर एक पुस्तक मेले का आयोजन भी किया गया जिसे अच्छा प्रतिसाद मिला।

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