



professional knowledge, skillful communication and organizational abilities. He has carried out multi-administrative tasks with extra-ordinary zeal and total commitment to duty.

Group Achievement Award winners received a medal, a Citation and suitable cash awards for each group commensurate with the group size and its overall achievement. A total number of fifty five Groups received these awards. Out of these, 29 were from BARC, 8 from IGCAR, 5 from RRCAT, 5 from NFC, 2 from BRIT, 3 from VECC and 1 from AMDER, 2 from HWB. The following four teams from RRCAT were awarded with Group achievement awards, while the contributions of six RRCAT officers were recognized in the Group award given to BARC:

1. *Optical tweezers development and utilization*: A team of seven members was awarded with "Group achievement award for the year 2012" in recognition of outstanding contributions Optical tweezers development and utilization. Dr. P K Gupta, DS & Head Laser Biomedical Applications and Instrumentation Division received the award on behalf of the team. The cash prize for this award was Rs. 40,000.
2. *Development of Streak Camera*: A team of nine members was awarded with "Group achievement award for the year 2012" in recognition of outstanding contributions in the development of Streak Camera. Sh. C P Navathe, Head Laser Electronics Support Division received the award on behalf of the team. The cash prize for this award was Rs. 40,000.
3. *40 Terawatt Nd: Glass laser system*: A team of twenty three members was awarded with "Group achievement award for the year 2012" in recognition of outstanding contributions in Terawatt Nd:Glass laser system. Dr. P A Naik, Head Laser Plasma Division received the award on behalf of the team. The cash prize for this award was Rs. 75,000.
4. *Design, development, installation and commissioning of x-ray and visible diagnostic beamlines on Indus-2*: A team of thirty four members was awarded with "Group Achievement Award for the year 2012" in recognition of outstanding work on design, development, installation and commissioning of x-ray and visible diagnostic beamlines on Indus-2. Shri Tushar Puntambekar, Head Beam Diagnostic Section, Accelerator and Beam Diagnostic Division received the award on behalf of the team. The cash prize for this award was Rs. 1,00,000.

5. *Development of Bose Einstein Condensation setup for 87Rb Atoms*: A team of eleven members was awarded with "Group achievement award for the year 2012" in recognition of outstanding contributions in the development of Bose Einstein Condensation setup for 87Rb Atoms. Dr. S R Mishra, SO/G Laser Physics Applications Section received the award on behalf of the team. The cash prize for this award was Rs. 50,000.
6. *Development and installation of Protein Crystallography Beam*: The contributions of 6 members from RRCAT were also recognized in the group achievement award given to BARC for the development and installation of Protein Crystallography Beam on Indus-2. Dr. S M Sharma, DS & Director Physics Group BARC received the award on the behalf of the team. The cash prize for this award was Rs. 1,00,000.

### **N.8: RRCAT bags two Best Poster Awards during Plasma-2013**

Following three papers from Laser Plasma Division of RRCAT, presented at 28th National Symposium on Plasma Science & Technology (Plasma-2013), held at KIIT University, Bhubaneswar from December 3-6, 2013, received Best Poster Awards.

One award went to "Oscillator model for nano-tube plasma interacting with intense few cycle laser pulses" by U. Chakravarty, P. A. Naik, J. A. Chakera, and P. D. Gupta.

The second award was shared by two papers from RRCAT: "Laser wake-field acceleration in high-Z gas jets" by B. S. Rao, A. Moorti, R. A. Khan, J. A. Chakera, P. A. Naik and P. D. Gupta, and "Mono-energetic electron acceleration from 3 TW - 45 fs laser pulses" by A. Upadhyay. Each award carries a certificate and a cash prize of Rs. 5,000.

### **N.9: RRCAT scientists get "Best Thesis Awards" of the Indian Society for Particle Accelerators (ISPA)**

Mr. Bobbili Sanyasi Rao of Laser Plasma Division of RRCAT, won the "Best Thesis Award (First Prize)" of the Indian Society for Particle Accelerators (ISPA) during the Sixth Indian Particle Accelerator Conference (InPAC-13) held from November 19-22, 2013 at the Variable Energy