

DAE Group Achievement Award

Year	Team Leader	Number of Members	Award Title
2006	Shri B.N. Upadhyay	10	Applications of Industrial Nd: YAG lasers for NPCIL and other units of DAE
2007	Shri Jishnu Dwivedi	36	Development of a new 31.613 MHz RF cavity for Indus-1 at RRCAT
2008	Dr. V.C. Sahni	221	Design, subsystem development, assembly, installation and commissioning and operation of SRS Indus-2 at its full design energy of 2.5 GeV
2008	Dr. V.C. Sahni	48	RRCAT's contribution to Compact Linear Collider (CLIC) test facility 3 set up at CERN.
2008	Dr. S.M.Oak	18	Development of Green Laser Photocoagulator for Diabetic Retinopathy for clinical applications
2009	Shri Avinash Puntambekar	68	First development of 1.3 GHz Single Cell Superconducting RF cavities.
2009	Shri Avinash Puntambekar	54	Development, manufacturing, testing and supply of Superconducting Corrector Magnets
2009	Dr. S.K. Deb	49	Design, development, testing and installation of Front end for Indus-2 bending magnet beamlines
2010	Dr. G.S. Lodha	24	Indus-1 reflectivity beamline utilization
2010	Shri P.K. Kush	23	Indigenous development of helium liquefier
2010	Dr. P.A. Naik	18	Laser plasma interaction studies at ultrahigh intensities
2010	Shri P. Shrivastava	7	Design, development, integration and commissioning of 100 KV 20A solid state bouncer modulator prototype for 352.2 MHz 1 mW Klystrons for Linac 4 project of CERN
2011	Dr. S.K. Deb	52	Development, Installation, Commissioning and Utilization of ADXRD, XRF-microprobe, and XDSRL beamlines at Indus-2 Synchrotron Source
2011	Shri P.R. Hannurkar	43	Development of High Power Solid State RF amplifiers and their Deployment in Indus-2 Synchrotron Radiation Source to achieve beam current of 100 mA at 2.5 GeV

2011	Shri S.V. Nakhe	23	Design & Development of High Power Laser Facility
2011	Shri S.K. Shukla	20	Development of Non-Evaporable Getter coating Technology for accelerators
2011	Shri C.P. Navathe	9	Capillary Discharge Soft X-ray Laser System
2011	Shri C.P. Navathe	5	Machine Vision based PHWR Fuel Pellet Inspection System
2012	Shri Tushar Puntambekar	32	Design, development, installation and commissioning of x-ray and visible diagnostic beamlines on Indus-2
2012	Dr. P.A. Naik	22	40 Terawatt Nd: glass laser system
2012	Dr. Satya Ram Mishra	10	Development of Bose Einstein Condensation Setup for ⁸⁷ Rb Atoms
2012	Shri C.P. Navathe	8	Streak Camera Development at RRCAT
2012	Dr. P.K. Gupta	6	Optical tweezers development and utilization
2012	BARC	6 from RRCAT	Development and installation of Protein Crystallography
2013	Shri S.C. Joshi	77	Development and commissioning of Vertical Test Stand Facility for Characterization of Superconducting RF Cavities at 2 k
2013	Shri Prashant Khare & Shri B.N. Upadhyay	49	Development of a novel technique for SCRF cavity fabrication of particle accelerators based on laser beam welding
2013	Dr. P.K. Gupta	19	Design, development and utilization of optical techniques for high resolution biomedical imaging
2013	Dr. Sanjib Chatterjee	17	Design and development of Optical, Electronics, Instruments and Software Solutions
2013	BARC	17 from RRCAT	Design, Development, Installation and Commissioning of the X-ray Imaging and Energy-Scanning EXAFS Beamlines of Indus-2 Synchrotron Source
2014	Shri S.C. Joshi	76	Setting up of infrastructure facilities and development of five-cell 1.3 GHz and first 650 MHz superconducting RF Cavities

2014	Shri P.R. Hannurkar	44	Up-gradation of Indus-2 with two planar undulators
2014	Shri B.N. Upadhyay	31	Development and deployment of laser cutting of triangular blocks of yoke assembly for RAPS-3 and water-jet assisted underwater laser cutting of damaged fuel assemblies of Dhruva reactor
2014	Shri V. P. Dhamgaye	27	Development of X-ray Refractive Lenses at the X-ray Lithography beamline BL-7, Indus-2
2015	Dr. P.A. Naik	60	Utilization of 15 bending magnet based beamlines on Indus 1 and Indus 2
2015	Shri S.C. Joshi	23	Development of a tuning machine for 1.3 GHz nine-cell superconductivity RF cavity
2015	Dr. Christ Paul	14	Design and Development of laser additive manufacturing system for engineering and prosthetic applications
2016	Dr. K.K. Pant	169	Development and Commissioning of an Infra-red Free Electron Laser (IR-FEL) at RRCAT
2016	Shri Mahendra Lad	98	Design, Development, Deployment and Commissioning of indigenous 505.8 MHz OFE copper RF cavity in Indus-2
2016	Dr. K.S. Bindra	20	Development of engineered high average power intra-cavity frequency doubled Nd: YAG solid state laser
2016	Dr. Juzer Ali Chakera	15	Studies on ion acceleration and hot electron transport in ultra-short high-intensity laser-matter interaction
2017	Shri Tushar Puntambekar	50	Design, development, installation & commissioning of transverse bunch by bunch feedback system of Indus-2
2017	Shri P. Fatnani	65	Design, development, testing and integration of orbit control & beam based alignment systems in Indus-2
2017	Shri R.S. Shinde	52	Indigenous development of 60 kW, CW 505.8 MHz circulator using in-house developed indium doped calcium vanadium garnets for RF system of Indus-2
2017	Shri G. Parchani	49	Adopting novel techniques for economic design & construction of Convention Centre at RRCAT
2017	Dr. S. K. Majumder	20	Design, development, and utilization of optical spectroscopic techniques for cancer diagnostics

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