

Date – 06 Feb 2009

Dear Participant of InPAC -2009,

Some corrections have been incorporated in the list of date wise details of Poster Session. Kindly go through the corrected list. Following corrections are made in the new list.

1. Oral papers BDM05 (135) and BDS07 (167) were removed
2. BDM09 was missing from the list
3. RIB01 was written as RBI01 and its abstract No. is 78 NOT 7
4. EIS10 (55) is now placed at a proper sequence
5. RAS10 (250) is actually RAS11 (250)
6. RAS10 (227) was missing from the list
7. LINAC16 (120) was missing from the list
8. 202 is actually BDM09 and its category was wrongly mentioned as LINAC
9. 228 is repetition of 80 and it is LINAC08 in oral. it was put in RFMS group
10. BDS11 (253) was missing from the list
11. Abstract No.203 is withdrawn. It was reflecting in ACS category with 139
12. Abstract No.139 is actually ACS13
13. Abstract No.253 (BDS11) was again reflecting in ACS category without category No.

Details of Poster Sessions for InPAC 2009

Note: Poster Nos. starting with TU, WE & TH are to be presented on Tuesday, Wednesday & Thursday respectively

Date: February 10, 2009 (Tuesday), Time 16:00 Hrs to 18:00 Hrs

Categories: BDM, EIS, RIB, VSA, RSA, DCA, CY, MIC, FEL, MPS

Manuscript / Abstract Number	Category No. in Abstract Booklet	Poster Number	Title of the Paper	Author		Affiliation
34	BDM01	TUP1-BDM1	LOW ENERGY BEAM TRANSPORT FORHIGH CURRENT INJECTOR	A.Mandal,	et. al.	IUAC
35	BDM02	TUP2-BDM2	DESIGN OF NEW LOW ENERGY ION BEAM FACILITY AT IUAC	Sarvesh Kumar,	et. al.	IUAC
36	BDM03	TUP3-BDM3	EMITTANCE MEASUREMENT OF ION BEAMS FROM COMPACT ICP ION SOURCE	P Y Nabhira	et. al.	VECC
69	BDM04	TUP4-BDM4	MAGNETIC FIELD TOLERANCES OF DIPOLE AND QUADRUPOLE MAGNETS FOR A 1GEV PROTON SYNCHROTRON	Amalendu Sharma	et. al.	RRCAT
148	BDM06	TUP5-BDM06	Beam transmission in beam transfer line-3 (TL-3) for Indus-2 storage ring	R.S.Saini	et. al.	RRCAT
172	BDM08	TUP6-BDM08	SPACE CHARGE EFFECTS IN A DOUBLE DRIFT BEAM BUNCHER	P. Sing Babu	et. al.	VECC
202	BDM09	TUP7-BDM09	Optimization strategy of Transfer Line – 2 for CTF – 3	Abdurrahim	et. al.	RRCAT
225	BDM10	TUP8-BDM10	EFFECT OF QUADRUPOLE FRINGE FIELDS ON THE TUNE OF INDUS-2	Pradeep Kant	et. al.	RRCAT
7	EIS01	TUP9-EIS01	Development of high intensity ECR ion source for ADS	Abhay kumar,	et. al.	BARC

24	EIS02	TUP10-EIS02	IRON ION BEAM DEVELOPMENT FROM 14.4 GHZ ECR ION SOURCE	P Y Nabhiraj	et. al.	VECC
29	EIS03	TUP11-EIS03	Simulation of H- Ion extraction in Cesiated and Non-Cesiated Ion Sources	V.K. Senecha,	et. al.	RRCAT
37	EIS04	TUP12-EIS04	ION ENERGY SPREAD STUDIES FOR COMPACT ICP ION SOURCE	Ranjini Menon	et. al.	VECC
70	EIS05	TUP13-EIS05	PERIODIC PLASMA DISTURBANCE IN ECR ION SOURCES	G.S. Taki	et. al.	VECC
221	EIS07	TUP14-EIS07	High Power Ion Extraction and Acceleration System for SST-1 Neutral Beam Injector	M. R. Jana	et. al.	IPR
226	EIS08	TUP15-EIS08	High Intensity ECR Proton Source Development for LEHIPA-ADS - Commissioning and operational experience	P. Roychowdhury	et. al.	BARC
261	EIS09	TUP16-EIS09	Development of high intensity ECR ion source for ADS	Abhay kumar,	et. al.	BARC
55	EIS10	TUP17-EIS10	OPERATIONAL EXPERIENCE WITH THE 18 GHz HTS-ECRIS, PKDELIS	G.Rodrigues	et. al.	IUAC
78	RIB01	TUP18-RIB01	⁹ Be beam production, acceleration, and release estimation at BARC-TIFR Pelletron Accelerator Facility	A.K.Gupta	et. al.	BARC
56	VSA01	TUP19-VSA01	Magnet dependent Leak in Superconducting Cyclotron Vacuum system	M.Dutta	et. al.	VECC
68	VSA02	TUP20-VSA02	DEVELOPMENT & UHV QUALIFICATION OF ALUMINIUM ALLOY VACUUM CHAMBERS FOR TRANSPORT LINE-2 OF CTF-3, CERN	B.K. Sindal	et. al.	RRCAT
154	VSA03	TUP21-VSA03	RGA STUDIES ON ALUMINIUM CHAMBERS FOR TRANSPORT LINE-2 OF CLIC FACILITY AT CERN	K.V.A.N.P.S.Kumar	et. al.	RRCAT
246	VSA04	TUP22-VSA04	A NEW GAS STRIPPER SYSTEM FOR 14 UD BARC-TIFR PELLETRON ACCELERATOR FACILITY: Installation and Preliminary Results	SC Sharma	et. al.	BARC

5	RSA01	TUP23-RSA01	Low flux heavy ion set up at Pelleron Accelerator	J.P.Nair	et. al.	BARC
6	RSA02	TUP24-RSA02	Development of Standards for the measurement of Synchrotron Radiation	A.K. Mahant	et. al.	BARC
12	RSA04	TUP25-RSA04	SIMULATION OF ELECTRON, POSITRON AND BREMSSTRAHLUNG SPECTRUM GENERATED DUE TO ELECTROMAGNETIC CASCADE BY 2.5GeV ELECTRON HITTING LEAD TARGET USING FLUKA CODE	P. K. Sahani	et. al.	RRCAT
49	RSA05	TUP26-RSA05	Neutron dosimetry with Linear Energy Transfer (LET) and the Proton Recoil Track counting Method	R.G. Sonkawadea	et. al.	IUAC
168	RSA08	TUP27-RSA08	GENERATION OF OZONE AND SAFETY ASPECTS IN AN ACCELERATOR FACILITY OF BARC	Praveen Dubey	et. al.	BARC
169	RSA09	TUP28-RSA09	INDUS-2 MACHINE SAFETY INTERLOCK SYSTEM – FROM DESIGN TO COMMISSIONING	P. Gothwal	et. al.	RRCAT
227	RSA10	TUP29-RSA10	⁹ Be beam production, acceleration, and release estimation at BARC-TIFR Pelletron Accelerator Facility	A.K.Gupta	et. al.	TIFR
250	RSA11	TUP30-RSA11	DESIGN OF INTERLOCK SYSTEM FOR PELLETRON ACCELERATOR	M. L. Yadav	et. al.	BARC
54	DCA01	TUP31-DCA01	OPTIMIZATION OF BEAM PARAMETERS OF ELECTRON GUN FOR 2.5 MeV/100 kW HIGH POWER INDUSTRIAL ACCELERATOR	Pramod R	et. al.	RRCAT
121	DCA02	TUP32-DCA02	Effect of thickness of foil strippers in transmission of beams through pelletron accelerators	S. Ojha	et. al.	IUAC
51	CY02	TUP33-CY02	3D ELECTRO-MAGNETIC FIELD SIMULATIONS FOR CYCLOTRON DESIGN	Atanu Dutta	et. al.	VECC

72	CY03	TUP34-CY03	BEAM TUNING PARAMETERS FOR THE KOLKATA SUPERCONDUCTING CYCLOTRON	J. Debnath	et. al.	VECC
43	MIC02	TUP35-MIC02	3D ELECTROMAGNETIC SIMULATION STUDY OF RF CAVITY OF 20 MEV INJECTOR MICROTRON	P. K. Jana	et. al.	RRCAT
243	MIC03	TUP36-MIC03	SIMULATION AND MODELLING OF EMISSION PROCESS IN MICROTRON WITH TYPE II CAVITY	Rishi Pal Yadav	et. al.	RRCAT
209	FEL02	TUP37-FEL02	Free electron laser gain with variably polarizing harmonic undulator	Mona Gehlot	et. al.	DAVV, Indore
32	MPS01	TUP38-MPS01	DESIGN AND DEVELOPMENT OF HV POWER SUPPLY WITH CROWBAR PROTECTION FOR SCREEN ELECTRODE OF RF AMPLIFIER	Yashwant Kumar	et. al.	VECC
59	MPS02	TUP39-MPS02	HIGH VOLTAGE OF INFLECTOR POWER SUPPLY FOR THE INFLECTOR OF K-500 SUPERCONDUCTING CYCLOTRON	Manoranjan Das	et. al.	VECC
60	MPS03	TUP40-MPS03	BIPOLAR SWITCH-MODE CONVERTER FOR X-Y STEERING MAGNET FOR THE INJECTIONLINE OF THE K-500 SUPERCONDUCTING CYCLOTRON	Samit Bandyopadhyay	et. al.	VECC
86	MPS04	TUP41-MPS04	TETRODE BIAS POWER SUPPLY FOR INDUS-1, SYNCHROTRON RADIATION SOURCE	A. Tripathi	et. al.	RRCAT
87	MPS05	TUP42-MPS05	OPTIMIZED CONTROL STRATEGY FOR CROWBARLESS SOLID STATE MODULAR POWER SUPPLY	R. Upadhyay	et. al.	RRCAT

88	MPS06	TUP43-MPS05	TRIGGERED SPARK GAP BASED CROWBAR SYSTEM FOR INDUS-2 SYNCHROTRON RADIATION SOURCE	M. K. Badapanda	et. al.	RRCAT
95	MPS08	TUP44-MPS08	FILAMENT POWER SUPPLY FOR 1 MW, 352.21 MHz KLYSTRON	Sandip Shrotriya	et. al.	BARC
215	MPS10	TUP45-MPS10	A Capacitor Charging Power Supply using Series Resonant Topology	Y.Kelkar	et. al.	RRCAT
249	MPS11	TUP46-MPS11	MODULAR MAGNET POWER SUPPLIES FOR CUTE-FEL BEAMLINER AND PHOTOCATHODE LINAC	Mangesh Borage	et. al.	RRCAT

Date: February 11, 2009 (Wednesday), Time 16:00 Hrs to 18:00 Hrs

Categories: LINAC, RFMS, MDT

Manuscript / Abstract Number	Category No. in Abstract Booklet	Poster Number	Title of the Paper	Author		Affiliation
17	LINAC01	WEP01-LINAC01	IMPROVED CATHODE ASSEMBLY FOR ELECTRON GUN OF 7 MeV LINAC	Madhu. A. Toley	et. al.	BARC
44	LINAC02	WEP02-LINAC02	DESIGN OF MICROWAVE COUPLER FOR 10 MEV ELECTRON LINEAR ACCELERATOR	P. K. Jana	et. al.	RRCAT
45	LINAC03	WEP03-LINAC03	RF CAVITY DESIGN OF 352.2 MHz, 3 MeV RFQ	Rahul Gaur	et. al.	RRCAT
46	LINAC04	WEP04-LINAC04	ERROR ANALYSIS ON A 352.2 MHz, 3 MeV RFQ	Rahul Gaur	et. al.	RRCAT
47	LINAC05	WEP05-LINAC05	BEAM DYNAMICS DESIGN AND ANALYSIS OF 3 MeV RFQ OPERATING AT 352.2 MHz	Rahul Gaur	et. al.	RRCAT
48	LINAC06	WEP06-LINAC06	GEOMETRICAL OPTIMIZATION STUDIES ON 10 MEV, 352.2 MHz DRIFT TUBE LINAC	Nita S. Kulkarni	et. al.	RRCAT
76	LINAC07	WEP07-LINAC07	RF MEASUREMENTS AND CHARACTERIZATION OF LINAC CAVITY USING AN AUTOMATED BEAD PULL MEASUREMENT SYSTEM	T. K. Man	et. al.	VECC
83	LINAC10	WEP08-LINAC10	RF STRUCTURE DESIGN AND LOW POWER RF MEASUREMENTS FOR FOUR-GAP RE-BUNCHER CAVITY OF VEC-RIB	H.K.Pandey	et. al.	VECC

85	LINAC11	WEP09-LINAC11	STUDY OF EXTRACTION ELECTRODE GEOMETRY FOR 30 mA, 50 keV ECR PROTON SOURCE USING IGUN SOFTWARE	S.K. Jain	et. al.	RRCAT
109	LINAC13	WEP10-LINAC13	IR FEL INJECTOR SIMULATIONS	Arvind Kumar	et. al.	RRCAT
110	LINAC14	WEP11-LINAC14	Search Method Optimization Technique for Thermal Design of High Power RFQ Structure	N.K.Sharma	et. al.	RRCAT
120	LINAC16	WEP12-LINAC16	New upgradations for 15 UD Pelletron accelerator at IUAC, New Delhi	Rajan Joshi	et. al.	IUAC
138	LINAC17	WEP13-LINAC17	Development of compact size deuteron accelerator	Basanta Kumar Das	et. al.	IPR
229	LINAC18	WEP14-LINAC18	DESIGN STUDIES OF A 650 MeV PROTON LINAC FOR MPRR	Rajni Pande	et. al.	BARC
230	LINAC19	WEP15-LINAC19	FREQUENCY ANALYSIS & FIELD STABILIZATION FOR THE LEHIPA DTL	Shweta Roy	et. al.	BARC
235	LINAC20	WEP16-LINAC20	A COMPACT RFQ LINAC BASED PULSED NEUTRON SOURCE	A. K. Singh	et. al.	IGCAR
15	RFMS01	WEP17-RFMS01	RF TUNING SYSTEM FOR SUPERCONDUCTING CYCLOTRON AT VECC	Aditya Mondal	et. al.	VECC
26	RFMS02	WEP18-RFMS02	DEVELOPMENT EFFORTS ON A 1.3 MW PULSED 352.2 MHZ TEST STAND AT RRCAT	Purushottam Shrivastava	et. al.	RRCAT
40	RFMS03	WEP19-RFMS03	DESIGN OF 10 dB S-BAND MULTIHOLE WAVEGUIDE COUPLER	Yashwant D. Wanmode	et. al.	RRCAT
41	RFMS04	WEP20-RFMS04	DESIGN, PROTOTYPE DEVELOPMENT AND TESTS OF S-BAND FAST PHASE CONTROL LOOP FOR PULSED RF/MICROWAVE SYSTEMS	Deodatta Baxy	et. al.	RRCAT
58	RFMS05	WEP21-RFMS05	METHODOLOGY FOR EFFICIENT ANALYSIS OF THE EFFECT OF GEOMETRICAL ERRORS ON RF PARAMETERS OF SC CAVITY	Arup Ratan Jana	et. al.	RRCAT

62	RFMS06	WEP22-RFMS06	Accurate estimation of Electromagnetic parameters using FEA for INDUS-2 RF cavity	V. Jain	et. al.	RRCAT
96	RFMS07	WEP23-RFMS07	DEVELOPMENT OF 75 MHZ, 1 KW RF AMPLIFIER FOR HEAVY ION RFQ ACCELERATOR	Sherry Rosily	et. al.	BARC
99	RFMS08	WEP24-RFMS08	SOLID STATE RF SOURCE FOR RF ION SOURCE OF 14 MEV NEUTRON GENERATOR	N. R. Patel	et. al.	BARC
105	RFMS10	WEP25-RFMS10	DEVELOPMENT OF AUTOMATED TEST BENCH FOR MEASUREMENT OF THE FIELD DISTRIBUTION IN SINGLE CELL ELLIPTICAL SUPERCONDUCTING CAVITY	S.K.Chauhan	et. al.	RRCAT
136	RFMS11	WEP26-RFMS11	A STUDY OF TUNER SHAPES FOR REENRANT MULTIBEAM KLYSTRON CAVITIES	Ashish Kumar Tiwari	et. al.	RRCAT
160	RFMS12	WEP27-RFMS12	RF DESIGN AND CHARACTERISATION OF INDUCTIVE COUPLER FOR NEW INDUS-1 RF CAVITY	M.Prasad	et. al.	RRCAT
161	RFMS13	WEP28-RFMS13	RF DESIGN AND CHARACTERISATION OF indus-1 rf cavity	M.Prasad	et. al.	RRCAT
162	RFMS14	WEP29-RFMS14	EFFECTS OF TEMPERATURE AND HOM PLUNGER ON HIGHER ORDER MODES OF INDUS-2 RF CAVITY	M.Prasad	et. al.	RRCAT
173	RFMS15	WEP30-RFMS15	120 KW CAVITY COMBINER FOR INDUS-2	R.K.Deo	et. al.	RRCAT
216	RFMS16	WEP31-RFMS16	RF Coupler development for LEHIPA	Rajesh Kumar	et. al.	BARC
217	RFMS17	WEP32-RFMS17	PIC SIMULATION OF RF INTERACTION STRUCTURE OF KLYSTRON	Rajiv Kumar Arora	et. al.	RRCAT
231	RFMS18	WEP33-RFMS18	DIPOLE STABILIZER RODS FOR 400 keV DEUTERON RFQ	V.L.S Rao Sista	et. al.	BARC
234	RFMS20	WEP34-RFMS20	MECHANICAL DESIGN AND FABRICATION OF INPUT COUPLER AND SENSING LOOP COUPLER FOR INDUS-I RF CAVITY	Ramesh Kumar	et. al.	RRCAT

257	RFMS21	WEP35-RFMS21	RF POWER MEASUREMENT IN SYNCHROTRONS;UNCERTAINTIES AND THEIR REMEDIES	A. Bohre	et. al.	RRCAT
258	RFMS22	WEP36-RFMS22	Performance of the Frequency Tuning Systems for Indus-2 RF Cavities	A. Bohre	et. al.	RRCAT
268	RFMS24	WEP37-RFMS24	DESIGN AND DEVELOPMENT OF 6MW PEAK , 25KW MEAN POWER WR-284 WAVEGUIDE LINE COMPONENTS	Yashwant D.		RRCAT
274	RFMS25	WEP38-RFMS25	Operational Experience of the Superconducting LINAC Booster at Mumbai	B. Srinivasan	et. al.	BARC
2	MDT01	WEP39-MDT01	Mechanical and Magnetic Measurement of Quadrupole Triplets for External Beam Line of K500 Cyclotron	U.Bhunia	et. al.	VECC
14	MDT03	WEP40-MDT03	Measurement of Longitudinal Coupling Impedance of Indus-2 kicker magnet	Prashant Pareek	et. al.	RRCAT
28	MDT05	WEP41-MDT05	Cusp leak width computation and optimization for H- Ion source	Ajeet Kumar	et. al.	RRCAT
84	MDT06	WEP42-MDT06	DEVELOPMENT OF 90° MASS ANALYZING MAGNET FOR CHARGE ANALYSIS	S.K. Jain	et. al.	RRCAT
98	MDT07	WEP43-MDT07	Development and characterization of aluminum stranded water cooled conductor for rapid cycling synchrotron magnets.	K.Sreeramulu	et. al.	RRCAT
103	MDT08	WEP44-MDT08	PULSE FIELD MEASUREMENTS OF DTL QUADRUPOLE MAGNET AT RRCAT FOR SNS PROJECT	Y.R.Murthy	et. al.	RRCAT
115	MDT10	WEP45-MDT10	Designing and Testing of Glaser Lens for Focusing Low Energy Charged Particle Beam	M.H. Rashid	et. al.	VECC
132	MDT11	WEP46-MDT11	Development of Large Size Ferrite Toroids for Fast Magnetic Switching Applications in Accelerators	Lakshmikanta Aditya	et. al.	RRCAT
146	MDT12	WEP47-MDT12	Inverse approach to design magnets	Gautam Sinha	et. al.	RRCAT

156	MDT13	WEP48-MDT13	DEVELOPMENT OF VERSATILE DIELECTRIC-CONSTANT MEASUREMENT SYSTEM FOR LOW LOSS FERRITE AND DIELECTRICS	M. Ahlawat	et. al.	RRCAT
174	MDT14	WEP49-MDT14	2D-Simulation of Combined function Quadrupole/Sextupole Magnet for Existing Booster Synchrotron	Vanshree Thakur	et. al.	RRCAT
175	MDT15	WEP50-MDT15	Electromagnetic design and mechanical development of permanent magnet focussing quadrupoles for drift tube linac	Sanjay Malhotra	et. al.	BARC
214	MDT17	WEP51-MDT17	Study of Superconducting Wire Motion in Magnetic Field	Kailash Ruwali	et. al.	RRCAT
238	MDT18	WEP52-MDT18	Design of New Dipole Magnet for the Exiting Booster Synchrotron at RRCAT	S.Das	et. al.	RRCAT
239	MDT19	WEP53-MDT19	AC Dipole Magnet Fabrication & Characterization for Spectroscopy work at BARC	Ritesh Malik	et. al.	RRCAT
240	MDT20	WEP54-MDT20	Dipole magnet fabrication & characterization for CLIC test facility at CERN	K.Shekar	et. al.	RRCAT

Date: February 12, 2009 (Thursday), Time 16:00 Hrs to 18:00 Hrs

Categories: BDS, ST, ACS, AAL, ORT

Manuscript / Abstract Number	Category No. in Abstract Booklet	Poster Number	Title of the Paper	Author		Affiliation
4	BDS01	THP01-BDS01	Upgradation of Wideband FCT for improved performance in Booster Synchrotron	P.Pareek	et. al.	RRCAT
13	BDS02	THP02-BDS02	Experimental determination of beam loss point in Transport Line-2 of Indus Accelerator Complex1	M.K.Nayak	et. al.	RRCAT
38	BDS05	THP03-BDS05	A SETUP FOR MEASUREMENT OF BEAM STABILITY AND POSITION USING POSITION SENSITIVE DETECTOR FOR INDUS-1	R K Nathwani	et. al.	RRCAT
74	BDS06	THP04-BDS06	THICKNESS OPTIMIZATION AND ACTIVITY INDUCTION IN BEAM SLIT MONITOR FOR INDUS	V.C. Petwal	et. al.	RRCAT
79	BDS08	THP05-BDS08	Development of a new foil positioning mechanism	Q.N.Ansari	et. al.	BARC
176	BDS09	THP06-BDS09	DEVELOPMENT OF M9 SLIT FOR VECC K500 CYCLOTRON	T.K. Bhattacharyya	et. al.	VECC
237	BDS10	THP07-BDS10	Tune dependent beam parameter measurements in Indus-2	Riyasat Husain	et. al.	RRCAT
253	BDS11	THP08-BDS11	SOFTWARE FOR ONLINE TUNE MEASUREMENT SYSTEM FOR INDUS-2 ACCELERATOR	S. Yadav	et. al.	RRCAT
254	BDS12	THP09-BDS12	MICROCONTROLLER BASED FOUR-CHANNEL CURRENT READOUT UNIT FOR BEAM SLIT MONITOR	A. C .Holikatti	et. al.	RRCAT

256	BDS13	THP10-BDS13	BEAM PROFILE & BEAM SIZE MEASUREMENT IN TRANSPORT LINE - 1 IN INDUS ACCELERATOR COMPLEX USING FLUORESCENT SCREEN BEAM PROFILE MONITORS	Y.Tyagi	et. al.	RRCAT
1	ST01	THP11-ST01	Calculation of Current Settings for Superconducting Cyclotron Trim Coils Operating Simultaneously in Field Trimming Mode and Harmonic Mode	J Debnath	et. al.	VECC
3	ST02	THP12-ST02	Superconducting Niobium Resonator Fabrication at IUAC	P.N.Prakash	et. al.	IUAC
23	ST03	THP13-ST03	Initial work on Electron Beam Welding of 1.3 GHz single cell prototype cavity & their process validation efforts	Manish Bagre	et. al.	RRCAT
50	ST04	THP14-ST04	Theoretical estimation and experimental evaluation of molecular gas conduction heat contribution for K-500 Superconducting cyclotron cryostat	P.Bhattacharyya	et. al.	VECC
101	ST05	THP15-ST05	Testing & Evaluation of High Temperature Superconductor current leads	Anand Yadav	et. al.	RRCAT
102	ST06	THP16-ST06	Residual Resistivity Ratio Measurement of Niobium	Anand Yadav	et. al.	RRCAT
134	ST07	THP17-ST07	Double Wedge Tuner (DWT) for RF cavities	Kum. Ramnik Singh	et. al.	BARC
142	ST08	THP18-ST08	HIGHER ORDER MODE (HOM) ANALYSIS OF 350 MHz REENRANT SUPERCONDUCTING CAVITY	Deepak Mishra	et. al.	RRCAT
177	ST10	THP19-ST10	DESIGN AND DEVELOPMENT OF SUPERCONDUCTING QUADRUPOLE DOUBLET FOR HYBRID RECOIL MASS ANALYSER (HYRA) AT IUAC	T.S. Datta	et. al.	IUAC
204	ST11	THP20-ST11	SCRF Program at BARC	K.C. Mittal	et. al.	BARC
266	ST12	THP21-ST12	Design Optimization of the Magnet of 250 MeV Superconducting Cyclotron for Proton Therapy	Malay Kanti Dey	et. al.	VECC

273	ST13	THP22-ST13	Improvements to Cryogenic System of the TIFR-BARC Superconducting LINAC Booster	S. S. Jangam	et. al.	TIFR
16	ACS01	THP23-ACS01	MICROCONTROLLER BASED TWO AXIS MICROTRON BEAM EXTRACTION SYSTEM	H Ashoka	et. al.	RRCAT
33	ACS02	THP24-ACS02	EPICS based Control System for Indus- 1 Accelerator	Prachi Chitnis	et. al.	RRCAT
42	ACS03	THP25-ACS03	DESIGN AND DEVELOPMENT OF POWER METERING SYSTEM FOR PULSED MICROWAVE SIGNALS	P. Mohania	et. al.	RRCAT
63	ACS04	THP26-ACS04	OPERATION AND INTERLOCK OF VERTICAL INJECTION LINE VACUUM SYSTEM FOR SUPERCONDUCTING CYCLOTRON	Suman Guha,	et. al.	VECC
64	ACS05	THP27-ACS05	DEVELOPMENT OF MICROCONTROLLER BASED REMOTE CONTROL SYSTEM FOR HV POWER SUPPLY OF ECR ION SOURCE FOR ADSS PROJECT	S. Srivastava	et. al.	VECC
81	ACS07	THP28-ACS07	VACUUM CONTROL SYSTEM OF VEC	Anindya R	et. al.	VECC
107	ACS08	THP29-ACS08	Indus Beamlines – Software for Booking and Usage Tracking	Swati Chaudhari	et. al.	RRCAT
108	ACS09	THP30-ACS09	Control and Monitoring of EXAFS Beamline of Indus-2 at RRCAT remotely from BARC	Jitendra Patil	et. al.	RRCAT
111	ACS10	THP31-ACS10	VME BASED FOUR CHANNEL STEPPER MOTOR CONTROLLER	Vishal Mondloi	et. al.	RRCAT
116	ACS11	THP32-ACS11	AN ISOLATED REMOTE CONTROL SYSTEM FOR THE HIGH CURRENT ION SOURCE	Mou Chatterjee	et. al.	VECC

133	ACS12	THP33-ACS12	REDUNDANCY SCHEME FOR MULTI-LAYERED ACCELERATOR CONTROL SYSTEM	Amit Chauhan	et. al.	RRCAT
139	ACS13	THP34-ACS13	INDUS-2 ALARM HANDLING SYSTEM: FROM PERCEPTION TO PRACTICE	Bhavna N. Merh	et. al.	RRCAT
170	ACS15	THP35-ACS15	INDUS-2 COMPUTER CONTROLS – PAST, PRESENT AND FUTURE	P. Fatnani	et. al.	RRCAT
171	ACS16	THP36-ACS16	ROLE OF COMPUTER CONTROLS IN INDUS-2 COMMISSIONING	P. Fatnani	et. al.	RRCAT
206	ACS17	THP37-ACS17	SEARCH AND SECURE SYSTEM FOR LINAC AT TIFR	Catarina Rozario	et. al.	TIFR
210	ACS18	THP38-ACS18	RF Supervisory system for Indus-2 RF system	Deepak Kumar Sharma	et. al.	RRCAT
212	ACS19	THP39-ACS19	DEVELOPEMNT OF RF CONTROL ELECTRONICS FOR 400 KEV RFQ	Gopal Joshi	et. al.	BARC
242	ACS22	THP40-ACS22	INDUS-2 BEAM LINE FRONT END CONTROLS USING REAL TIME OPERATING SYSTEM	Pankaj Gothwal	et. al.	RRCAT
244	ACS23	THP41-ACS23	INDUS-1 LCW PLANT CONTROL SYSTEM USING RECONFIGURABLE LOGIC AND TIMED INTERLOCK BYPASS	Rishi Pal Yadav	et. al.	RRCAT
245	ACS24	THP42-ACS24	RECONFIGURABLE DATA PARSER MODULE FOR INDUS-1 LCW PLANT CONTROL SOFTWARE	Rishi Pal Yadav	et. al.	RRCAT
247	ACS25	THP43-ACS25	SCADA Software for CUTE-FEL	Shradha Tiwari	et. al.	RRCAT
251	ACS26	THP44-ACS26	DESIGN OF FPGA BASED CAMAC OUTPUT REGISTER	S. G. Kulkarni	et. al.	BARC
252	ACS27	THP45-ACS27	DESIGN OF FPGA BASED CAMAC DAC MODULE	S. G. Kulkarni	et. al.	BARC
272	ACS28	THP46-ACS28	MICRO- CONTROLLER BASED FIBER OPTIC DATA TELEMETRY SYSTEM FOR THE ION SOURCE OF LOW ENERGY ACCELERATOR FACILITY AT BARC	S Padmakumar	et. al.	BARC

18	AAL01	THP47-AAL01	TUNING OF ELECTRICAL PROPERTIES OF CdSe NANOCRYSTAL THIN FILMS PREPARED BY CHEMICAL BATH DEPOSITION UPON 7 MeV ELECTRON BEAM IRRADIATION	S. J. Shinde	et. al.	BARC
52	AAL02	THP48-AAL02	Large Scale Production of Nanofilter	Y.K.Vijay	et. al.	Uni. Of Raj, Jaipur
155	AAL03	THP49-AAL03	ELECTRON BEAM PROCESSING OF INDUSTRIAL POLYMER MATERIALS FOR HIGH TEMPERATURE APPLICATIONS	K.S.S. Sarma	et. al.	BARC
157	AAL04	THP50-AAL04	EFFECT OF PULSED ELECTRON BEAM ON CELL KILLING	Santhosh Acharyaa	et. al.	Mangalore University
205	AAL05	THP51-AAL05	High precision mirror alignment mechanism for use in synchrotron radiation beamlines	Adu Verma	et. al.	RRCAT
218	AAL06	THP52-AAL06	Effect of Temperature and 8 MeV Electron Irradiation on Electrical Characteristics of Cu (In, Ga) Se ₂ Solar Cells	Asha Rao	et. al.	Mangalore University
255	AAL07	THP53-AAL07	DEVELOPMENT OF IMAGE ACQUISITION AND ANALYSIS SOFTWARE FOR ACCELERATOR APPLICATIONS	Y.Tyagi	et. al.	RRCAT
19	ORT01	THP54-ORT01	Membrane technology to polish the cooling tower water for its recycling	Dipankar Nanda,	et. al.	RRCAT
20	ORT02	THP55-ORT02	Impurities in rain water and high possibility of using it as accelerator coolant	Roopa V	et. al.	RRCAT
61	ORT03	THP56-ORT03	DEVELOPMENT OF A SINGLE-SHOT PULSED POWER SUPPLY FOR A SOLENOID PRODUCING MAGNETIC FIELD TO GUIDE A PULSED ELECTRON BEAM	Ajay Kumar	et. al.	RRCAT
73	ORT04	THP57-ORT04	DETERMINATION OF 36 CL/ CL RATIO IN GROUND WATER USING THE ACCELERATOR MASS SPECTROMETRY TECHNIQUE	Suman Sharma	et. al.	BARC

97	ORT05	THP58-ORT05	Development of prototype compact compound motion precision jacks for positioning of small accelerator components.	K.Sreeramulu	et. al.	RRCAT
130	ORT06	THP59-ORT06	RHODIUM PLATING OVER STAINLESS STEEL STUB OF RADIO FREQUENCY SHIELD FOR INDUS-2*	A. P. Singh	et. al.	RRCAT
131	ORT07	THP60-ORT07	TREATMENT OF COMPLEX ELECTROPLATING WASTE BY “ZERO DISCHARGE” TECHNIQUE.	B. Q. Khattak	et. al.	RRCAT
201	ORT08	THP61-ORT08	MAPPING OF FEEDBACK VOLTAGE GENERATED BY GENERATING VOLT METER WITH ITS LINEAR AND ANGULAR VARIATIONS WITH RESPECT TO THE HEMISPHERICAL HV SOURCE	A. Kasliwal	et. al.	RRCAT
207	ORT09	THP62-ORT09	Measurement of Wire Sag and Wave Velocity in the Pulsed Wire Setup	Sumit Tripathi	et. al.	DAVV, Indore
208	ORT10	THP63-ORT10	PROPOSED PULSED WIRE SETUP FOR UNDULATOR FIELD CHARACTERIZATION	Mona Gehlot	et. al.	DAVV, Indore
223	ORT11	THP64-ORT11	Mono-energetic, low divergence, high energy electron beam by laser wake-field electron acceleration at RRCAT	B. S. Rao	et. al.	RRCAT
233	ORT12	THP65-ORT12	Development of A Brazing Technique for 1.6 cell, BNL/SLAC/UCLA type photocathode guns by Hydrogen Brazing	Ajay Kak	et. al.	RRCAT
241	ORT13	THP66-ORT13	DISTANCE CALIBRATION FACILITY AT ALIGNMENT LAB RRCAT	R.K. Sahu	et. al.	RRCAT