



**Indo-Japan Accelerator School cum Workshop**  
**IJAS-2020, January 28 -31, 2020**  
**VECC Kolkata**

**PROGRAM SCHEDULE**

<b>Tuesday, 28 Jan. 2020</b>	
	<b>Innaugural Session</b>
09:30 - 10:00	Arrival of delegates and Registration
10:00 - 10:30	
10:30 - 11:00	Inauguration
11:00 - 11:30	Tea/Coffee break
	Inaugural talk and Technical Session 1: Overview of accelerators at VECC
11:30 - 12:15	<i>Sumit Som, VECC</i> : Overview of Particle Accelerator Activities at VECC Kolkata
12:15 - 13:00	<i>Arup Bandyopadhyay, VECC</i> : (L1) Accelerators for RIB programme at VECC
13:00 - 13:30	<i>Animesh Goswami, VECC</i> : Basics of Accelerator Physics
13:30 - 14:30	Lunch
	<b>Technical Session 2 : Advanced Electron and Radiation Sources</b>
14:30 - 15:15	<i>Junji Urakawa, KEK</i> : (L1) Advanced Electron Sources
15:15 - 16:00	<i>Yoshinori Enomoto, KEK</i> : (L1) Slow Positron Beams at KEK
16:00 - 16:30	Tea/Coffee break
	<b>Technical Session 3 : Electron Linac and Cyclotron</b>
16:30 - 17:00	<i>S. Dechoudhury, VECC</i> : Electron Linac & plans for slow positron beam at VECC
17:00 - 17:30	<i>P.S. Chakraborty, VECC</i> : Basics of Cyclotrons
17:30 - 18:30	<b>Evening Talk by Prof. Bikash Sinha, INSA Senior Scientist and former Director VECC &amp; SINP, Kolkata : Beyond Boundaries, Local Science to Global Science, A World Wide Web</b>
19:30 - 21:30	Dinner

<b>Wednesday, 29 Jan. 2020</b>	
<b>Technical Session 4 : RF Technology</b>	
09:30 - 10:00	<i>Taro Konomi, KEK</i> : (L1) Cavity and High power RF couplers for International Linear Collider programme
10:00 - 10:30	<i>Manjiri Pande, BARC</i> : Development of Efficient and Qualified RF power systems for Accelerators
10:30 - 11:00	<i>Akhilesh Jain, RRCAT</i> : Solid state RF amplifiers/RF systems and associated technologies
11:00 - 11:30	Tea/Coffee break
<b>Technical Session 5 : Rare Isotope Beam Accelerator Technology</b>	
11:30 - 12:15	<i>Ken Katagiri, NIRS</i> : Development of RIB of Carbon-11 for Medical Applications
12:15 - 13:00	<i>Arup Bandyopadhyay, VECC</i> : (L2) Accelerators for RIB programme at VECC
13:00 - 13:30	<i>Avik Chatterjee, CSIR-CMERI</i> : Design of High power beam dumps for Super- FRS in FAIR project
13:30 - 14:30	Lunch
<b>Technical Session 6 : Advanced Electron and Radiation Sources</b>	
14:30 - 15:15	<i>Junji Urakawa, KEK</i> : (L2) Photon generation by Laser-Compton scattering
15:15 - 16:00	<i>Yoshinori Enomoto, KEK</i> : (L2) KEK Electron - Positron Injector Linac
16:00 - 16:30	Tea/Coffee break
16:30 - 17:00	Tour of Cyclotrons and RIB Facility at Salt Lake Campus
17:00 - 18:00	
18:00 - 19:30	Violin Recital by <i>Pt. Tarun Chakraborty</i> , <b>Venue</b> : Lawn near VECC Canteen
19:30 - 21:30	Director's Dinner

<b>Thursday, 30 Jan. 2020</b>	
<b>Technical Session 7 : SRF Technology</b>	
09:30 - 10:00	<i>Taro Konomi, KEK</i> : (L2) SRF Niobium cavity processing, fabrication technology
10:00 - 10:30	<i>Vikas Jain, RRCAT</i> : SCRF cavity and tuner related technologies.
10:30 - 11:00	<i>Sudeshna Seth, VECC</i> : Design and development of low beta 650 MHz niobium cavity at VECC under IIFC
11:00 - 11:30	Tea/Coffee break
<b>Technical Session 8 : Medical Accelerators</b>	
11:30 - 12:15	<i>Ken Takayama, KEK</i> : (L1) Advanced Medical Accelerators
12:15 - 13:00	<i>Ken Takayama, KEK</i> : (L2) Advanced Medical Accelerators
13:00 - 13:30	<i>Tanuja Dixit, SAMEER</i> : Advanced Medical Accelerator design and development
13:30 - 14:30	Lunch

	<b>Technical Session 9 : Medical Accelerators</b>
14:30 - 15:15	<i>Abhay Deshpande, SAMEER</i> : Linacs for Cancer Therapy at SAMEER Mumbai
15:15 - 16:00	<i>M.K. Dey, VECC</i> : Design and development of Medical Cyclotron for radio-isotope production
16:00 - 16:30	Tea/Coffee break
	<b>Technical Session 10 : Advanced Electron and Radiation Sources</b>
16:30 - 17:00	<i>Subhendu Ghosh, IUAC</i> : (L1) Concepts of THz Light source
17:30 - 18:30	<b>Evening Talk by Prof. Amit Roy, Former Director, IUAC, New Delhi : Superconductivity and Accelerators</b>
19:30 - 21:30	Dinner

	<b>Friday, 31 Jan. 2020</b>
	<b>Technical Session 11 : Advanced Particle Accelerator Technology</b>
09:30 - 10:00	<i>Subhendu Ghosh, IUAC</i> : (L2) DLC - THz Light source at N. Delhi
10:00 - 10:30	<i>Shailesh Gilankar, RRCAT</i> : Cryostat technology
10:30 - 11:00	Anindya Roy, VECC : Cyclotron Control System in VECC
11:00 - 11:30	Tea/Coffee break
	<b>Technical Session 12 : Advanced Particle Accelerator Technology</b>
11:30 - 12:15	<i>Sanjay Malhotra, BARC</i> : Magnet design and development programme at BARC
12:15 - 13:00	<i>Sandip Pal, VECC</i> : Cryogenic Plant and associated technology for particle accelerators
13:00 - 13:30	<i>Manisha Meena, IITB</i> : Development of a Compact High Current Super-Conducting Linear Electron Beam Accelerator for Treating Industrial and Domestic Effluents
13:30 - 14:30	Lunch
14:30 - 15:15	Tour of Medical Cyclotron at Chak Garia Campus
15:15 - 16:00	
<b>16:00 - 16:30</b>	<b>End of Event</b>