

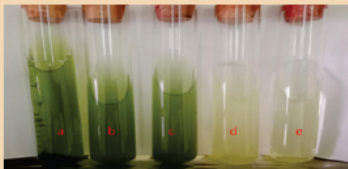
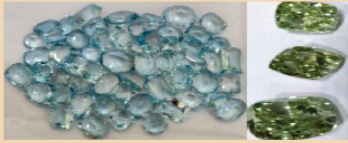
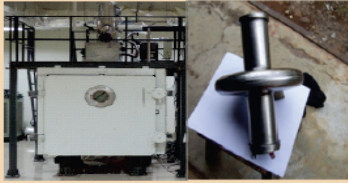


# DAE-BRNS National Symposium on Electron, Beam Technology and Applications SEBTA-2024



22<sup>nd</sup> – 24<sup>th</sup> August 2024

Venue: DAE Convention Centre, Anushaktinagar, Mumbai - 400094



Thermal and Non-thermal electron, laser, plasma and ion beam technologies have gained significant traction across scientific, industrial, agro and pharmaceutical industries. Developing such technologies indigenously is contributing to achieve developed nation status. SEBTA 2024 is a platform for designers, manufacturers, users to collaborate and to share the challenges faced by all sections and to chart a roadmap for the indigenization of electron beam technologies and devices within the country.

Symposium will be conducted in physical mode, featuring dedicated interaction sessions and exhibition tailored for Industrial Partners.

### Topics to be covered

#### Component Development:

- Electron Guns
- Acceleration tubes and cavities
- Magnets and beam transport systems
- Power sources
- Vacuum Systems
- Beam Diagnostics
- Control & Instrumentation

#### Applications:

- Food and Agriculture
- Pollution Control
- Security
- Industrial
- Medical
- EB Welding, Melting, Coating
- Additive Manufacturing
- Basic research

### Registration Fees:

- Local delegates/Faculty : Rs. 1000/-
- Student delegates : Rs. 500/-
- Industry participants : Rs. 5000/-

Registration is compulsory for authors presenting papers.

#### Bank Details for payment of Registration Fees:

Bank : State Bank of India,  
Branch : Trombay, Mumbai  
Account Name : SEBTA 2024  
Acc No. : 43120202626  
IFSC Code : SBIN0001268  
MICR : 400002006

### Important Dates:

- Abstract Submission : July 19, 2024
- Intimation of Acceptance: July 23, 2024
- Submission of Paper : August 02, 2024

Abstracts & Papers may be sent to  
sebta\_2024@barc.gov.in

### Organising Committee of SEBTA-2024, BARC, Mumbai

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|------------------------------|----------------------|
| Chairperson                  | Martin L Mascarenhas |
| Co-Chairperson               | Soumitra Kundu       |
| Convener                     | P C Saroj            |
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### Sponsorship, Souvenir & Exhibition

Organisations in these fields are requested to contact the symposium organizers for sponsorship and promote their products and activities in SEBTA-2024. For detailed information, please visit the Power Beam Society of India website: [www.powerbeamsociety.org](http://www.powerbeamsociety.org) and/or contact Convener, SEBTA-2024

### Symposium Format

- Invited Talks, Oral & Poster Presentation
- Panel Discussions
- SEBTA-2024 Best Paper/Poster Award

### Addresses for Correspondence

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