



Event Report

Department Name: Somaiya Centre for Integrated Science Education and Research and Department of Mechanical Engineering, KJSSE		Academic Year: 2024 -25
Title of the Event	International Conference on Clinical Translation of Biomaterial-based Therapeutics and Devices "ICBTD 2025"	
Type of the Event (Webinar/Seminar / Conference /FDP / Workshop /Training / Guest Lecture)	International Conference	
Level of Organization (Local/State/National /International/ Intercollegiate /Intracollegiate)	International	
Collaborators if any	Supported by Internal Quality Assurance Cell, SVU and Endorsed by Society of Biomaterials & Artificial Organs, India (SBAOI)	
Date of the event	06 th and 07 th February 2025	
Time	09:00 am to 06:00 pm	
Venue	Nalanda Auditorium, SIMSR Building, Somaiya Vidyavihar University, Mumbai	
Name of the Resource Person \ Guest	<p>1). Prof. Rohit Srivastava Himanshu Patel Chair Professor, Department of BSBE, IIT Bombay</p> <p>2). Prof. Ketul C. Popat Professor and Chair Department of Bioengineering, George Mason University, USA.</p> <p>3). Dr. Abhaykumar M Kuthe Professor (Higher administrative grade) Visvesvarya National Institute of Technology, Nagpur.</p> <p>4). Dr. Harikrishna P.R.Varma Head of Biomedical Technology Wing, SCTIMST, Trivandrum</p> <p>5). Dr. A. Jayakrishnan INSA Senior Scientist Department of Chemistry, University of Kerala.</p> <p>6). Dr. Lizymol P.P Scientist G Division of Dental Products, SCTIMST, Thiruvananthapuram</p> <p>7). Dr. Lakshmi S. Nair Professor Department of Orthopaedic Surgery, University of Connecticut Health, USA.</p> <p>8). Dr. Taral Nagda Senior Consultant Jupiter Lifeline hospital, Mumbai</p> <p>9). Dr. Francis B Fernandez Scientist</p>	

Dr. BIJI BALAKRISHNAN

CONVENOR
(ICBTD-2025) *[Signature]*
11/3/25

[Signature]
11/3/25



	<p>SCTIMST, Thiruvananthapuram.</p> <p>10). Dr. Nitin Joshi Assistant Professor Harvard Medical School,</p> <p>11). Dr. Balram Sankaran Scientist-G SCTIMST, Trivandrum</p> <p>12). Dr. Anuya Nisal Founder and CEO Serigen Mediproducts, Pune.</p> <p>13). Dr. G. Saravana Kumar Professor Department of Engineering Design, IIT, Madras.</p> <p>14). Dr. Sujesh Sreedharan Engineer-G Division of Artificial Internal Organs, SCTIMST, Trivandrum</p> <p>15). Dr. Usha Nayak Professor & Head Department of Pharmacology KJSMC, Member Secretary, IEC (Academic) Coordinator</p>
Objective of the Event	<p>The primary objective of the "ICBTD 2025" conference was to bring together experts, researchers, and industry professionals to discuss and explore advancements in biomaterial-based therapeutics and medical devices. The event aimed to knowledge exchange, collaboration, and innovation in clinical translation to improve healthcare solutions globally.</p>
Report (Not more than 500 words)	<p>The International Conference on Clinical Translation of Biomaterial-based Therapeutics and Devices (ICBTD 2025) was successfully organized. The event witnessed enthusiastic participation from researchers, academicians, industry experts, and students from various institutions across the country and internationally.</p> <p>Eminent speakers from esteemed institutions and organizations delivered insightful talks on cutting-edge research and technological developments in biomaterials and medical devices. The sessions covered a wide range of topics, including biomaterial engineering, regenerative medicine, nanotechnology applications, and clinical translation strategies.</p> <p>The conference provided an excellent platform for networking, collaboration, and knowledge-sharing, discussions on future research and industry applications. The Q&A sessions, panel discussions, and interactive networking breaks facilitated valuable exchanges between participants.</p> <p>Overall, the event was well-received, meeting its objective of creating a collaborative environment for the growth and innovation of biomaterial-based therapeutic applications.</p>

Amrith
11/3/25

Amrith
11/3/2025



Number of beneficiaries	201 Beneficiaries
Expected Outcome	<ul style="list-style-type: none">• Enhanced understanding of recent advancements in biomaterial-based therapeutics.• Encouragement of collaborative research and industry-academia partnerships.• Exposure to emerging technologies and their practical applications.

Somaiya
11/3/2025
Dr. BIJI BALAKRISHNAN
(CONVENOR, ICRTD-2025)

Somaiya
11/3/25
Dr. R. R. Lekurwal
CO-CONVENOR - ICRTD-2025

Report of the "International Conference on Clinical Translation of Biomaterial-Based Therapeutics and Devices (ICBTD 2025)," held on February 6th and 7th, 2025.

Day 1 - 6th February 2025 (Thursday)

Venue: Nalanda Auditorium, KJSIM, Somaiya Vidyavihar University, Ghatkopar East, Mumbai

08:00 am - 09:00 am: Breakfast and Registration

Location: Registration desk at the Fourth Floor Nalanda Foyer

Details: Participants were welcomed and provided with registration kits. Poster presenters mounted their posters in the Amphitheatre.

09:00 am - 10:00 am: Session 1 - Inaugural Session



Lighting of lamp:

Lighting of the lamp was done by Dr. V. N. Rajasekharan Pillai, Vice Chancellor, Somaiya Vidyavihar University

Dr. Harikrishna Verma, Head, BMT Wing, SCTIMST

Prof. S. Sivaram, Conference chair, Professor of Eminence, Department of polymer chemistry, SVU, and INSA senior Scientist, Former Director, CSIR - NCL, Pune

Dr. Biji Balakrishnan, Conference Convener and Dr. Ramesh Lekurwale, Conference Co-convener at 9:17 AM

Handwritten signature
4/3/25

Handwritten signature
04/3/25

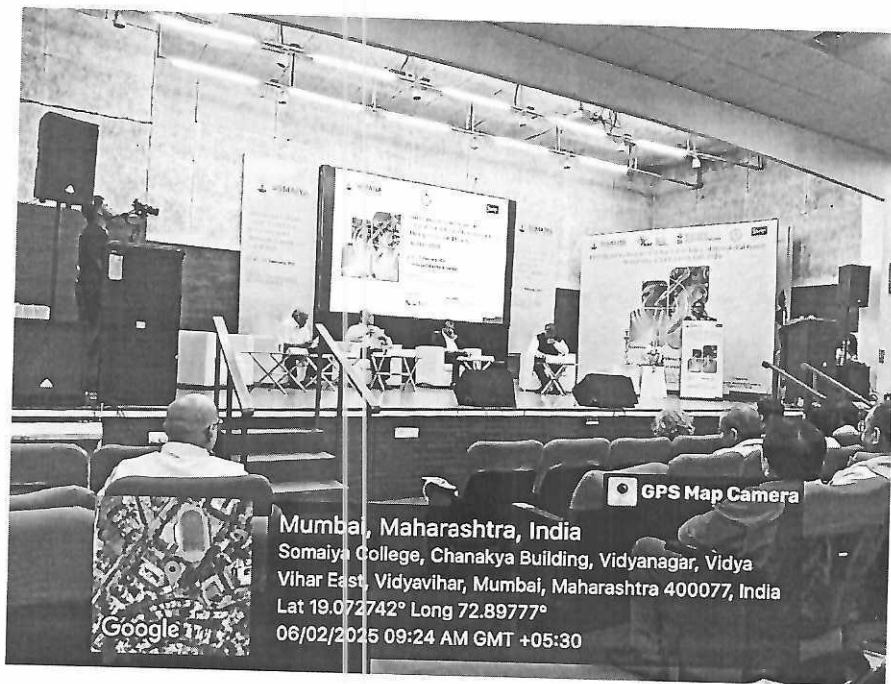


Somaiya Campus Prayer

All the dignitaries present on the dais and in the hall stood up for the Somaiya Campus Prayer at 9:19 AM

Welcome address by Convenor

Welcome address provided by Dr. Biji Balakrishnan at 9:24 AM

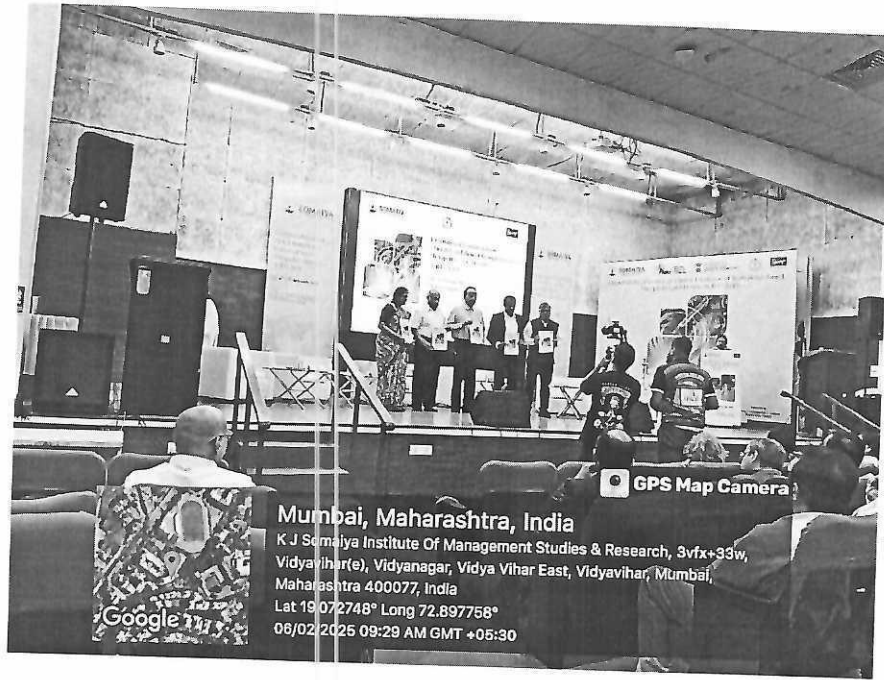


Release of souvenir

Souvenir of the Conference was released by the esteemed guest present on the dais at 9:29 AM

mbm
4/3/25

mbm
4/3/25



Vice Chancellor's address

Dr. V. N. Rajasekharan Pillai, Vice Chancellor, Somaiya Vidyavihar University, addressed the gathering by providing tribute to M. S. Valliathan, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, for his remarkable work in the field of medical field and wished all the presenters and organisers all the best for the successful organisation of the conference.



ICBTD Chair address by Prof. S. Sivaram

Prof. S. Sivaram extended his warm welcome to the gathering for the organisation of the conference. In his welcome speech, he stated that science is not about staying in the lab, mentioning the infrastructure required in India for conversion of ideas into the product. He further mentioned details of infrastructure needed for it, a large number of laboratories and

Mhmm
4/3/25

Mhmm
4/3/25

technicians. He further stated that we need robust equipment; having high reliability, point of care diagnostics, where it can reach the people. He mentioned challenges in the logistics, which cause delay in the medical examination of patients, resulting in further delays in the patient care. He emphasized on bringing a change of perception in the medical community for the imported heart valves vs Indian made.

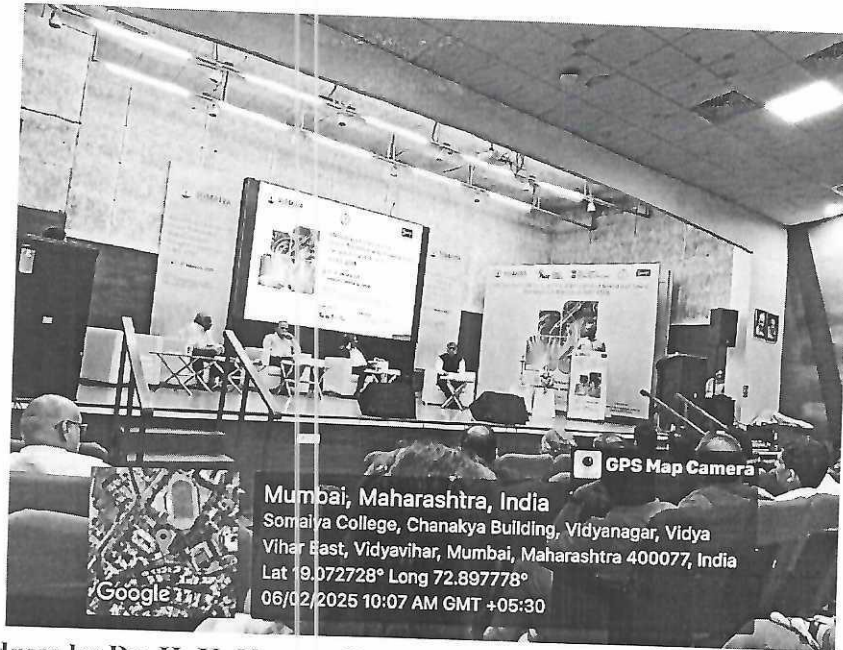


Address by Mr. Samir Somaiya, Chancellor, Somaiya Vidyavihar University

Welcome address to the gathering by Mr. Samir Somaiya, Chancellor, Somaiya Vidyavihar University. During his address he provided his experiences in the establishment of the speciality chemicals division by Godavari Biorefineries for the international clients.

MS
4/3/25

Chancellor
4/3/25



SBAOI Address by Dr. H. K. Varma, Head, BMT Wing, SCTIMST

Dr. Harikrishna Varma addressed the gathering on the behalf of Society for Biomaterials & Artificial Organs (India) (SBAOI)



Special tribute to Prof. M.S. Valliathan. a visionary in biomaterials and clinical translation

Handwritten signature
4/5/25

Handwritten signature
4/3/25



Vote of Thanks by Co-Convenor, Director IQAC

Vote of thanks provided by Dr. Ramesh Lekurwale, Co-Convenor, of the ICBTD 2025 and Director IQAC, Somaiya Vidyavihar University



10:00 am - 10:30 am: Plenary Talk

Chair: Prof. S. Sivaram

Speaker: Prof. Rohit Srivastava, Himanshu Patel Chair Professor, BSBSI, IIT Bombay

Title: "Affordable Healthcare Technologies for India"

Prof. Rohit Srivastava discussed the work done at IIT Bombay under his guidance in the field of Biomaterials and development of the devices. He discussed the process followed for conversion of ideas into affordable products for point of care diagnostics. He further discussed how students can play a pivotal role in the translation of technologies.

Handwritten signature
4/3/25

Handwritten signature
4/3/25



10:30 am - 10:45 am: Tea Break

Location: Nalanda Auditorium Reception area

10:45 am - 01:15 pm: Session 2

Chair: Prof. Lakshmi S. Nair, UCONN, USA

Track 1: Biomaterial Design and Processing

Track 2: Data Science Driven Biomaterial Research

KA-2: Dr. Harikrishna Varma, Head, BMT Wing, SCTIMST

Title: "Bench to Bed – Challenges in Translation of Biomaterials for Clinical Applications"

Dr. Harikrishna discussed the urgent need of bone scaffolds in an Indian Scenario. He further asked a question if there is any ideal biomaterial, to which he answered, based on the patient. Need of biomaterial which are bioactive and can be used for spine repair. He further stated that harvesting a tissue from a body, is again causing a different issue due to surgery requiring where bone is to be rebuilt, and site used for bone tissue removal.



Handwritten signature
4/13/25

Handwritten signature
4/13/25

KA-3: Dr. A.M. Kuthe, Department of Mechanical Engineering, VNIT, Nagpur
Title: "Tissue Engineering Research in India: Pasteur's Quadrant Perspective"
 Dr. Kuthe discussed the unmet needs of the society through Biomaterial Implants developed at BETIC, Visvesvaraya National Institute of Technology, Nagpur. Dr. Kuthe discussed the translation of the product from TRL 1 to TRL 9. He necessitated the involvement of surgeons from the start for effective transplant. He further discussed Organ printing with biomaterial.



IL-1: Prof. G. Saravanakumar (virtual), IIT Madras
Title: "Orthopedic Implants – Materials, Design, and Using Data-Driven Approaches"
 Prof. Saravankumar discussed 3D printed forging punch in action, in which he discussed specific cervical spine Finite Element models. He discussed patient specific implant design, computer aided diagnosis for spine technology. The goal of the activity was to develop design professionals with multi-disciplinary knowledge. He further discussed imaging and 3D reconstruction for creating medical models for orthopaedic implants.



Somaiya
4/3/25

Somaiya
4/3/25

01:10 pm - 01:50 pm: Lunch Break

Location: Govinda Canteen

01:50 pm - 02:30 pm: Poster Session Evaluation and Stall Visit

Location: Amphitheatre, KJSIM

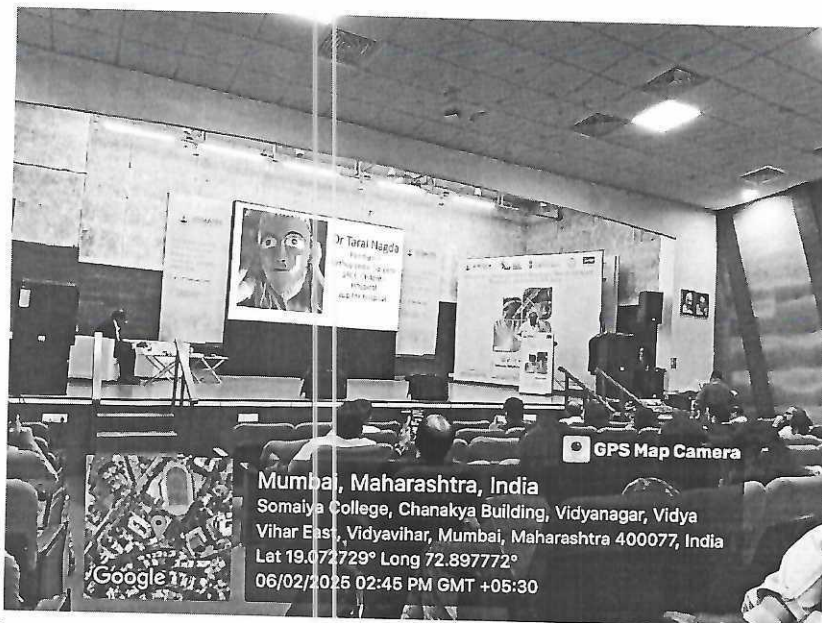
02:30 pm - 04:20 pm: Session 3 - Regulations and Ethics of Preclinical and Clinical Studies

Chair: Dr. Harikrishna Varma

IL-2: Dr. Taral Nagda

Title: "4th Dimension of Paediatric Deformity Correction in Children"

Dr. Taral discussed the correction of 4th-dimensional lower limb deformities through computerized planning. This process utilizes scanogram and 3D models generated from CT scans, along with patient-specific surgical guides, to enhance the precision and effectiveness of the correction procedure.



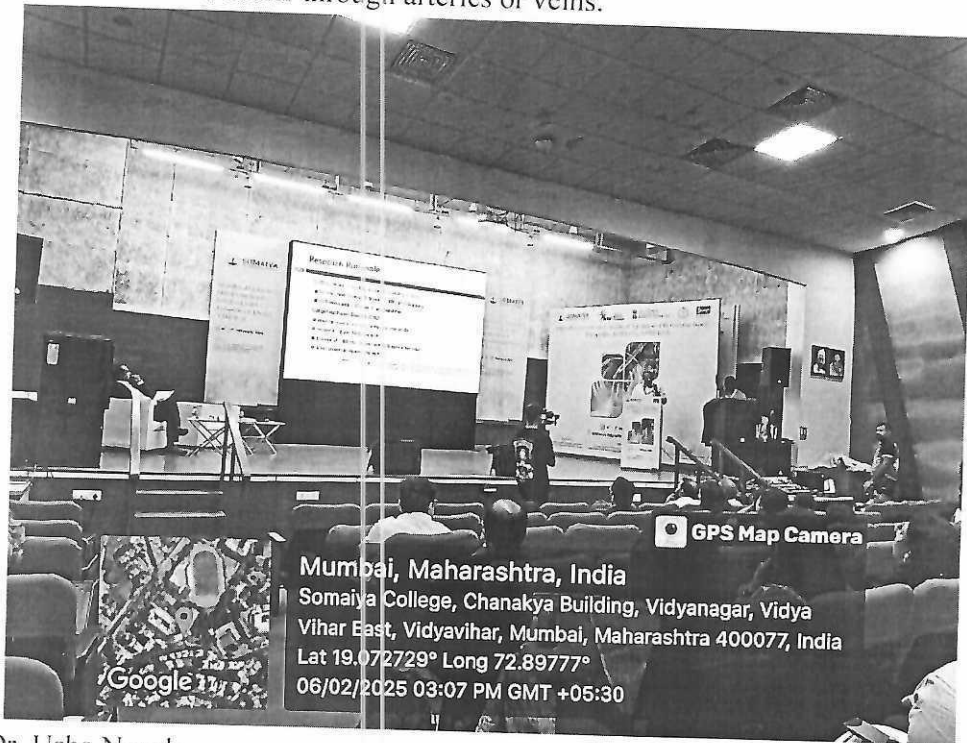
IL-3: Dr. Sujesh Sreedharan

Title: "Minimally Invasive Cardiovascular Devices"

Mhmm
4/3/25

Shank
4/3/25

Dr. Sreedharan discussed interventional devices that require minimally invasive procedures using catheters inserted either through arteries or veins.



IL-4: Dr. Usha Nayak

Title: "RRR: An Insight into EC Submissions Regulations, Requirements & Review"

Dr. Usha discussed regulatory requirements for clinical trials, including protocol design, informed consent, data management, and risk management. These requirements ensure that clinical trials are conducted safely and ethically.



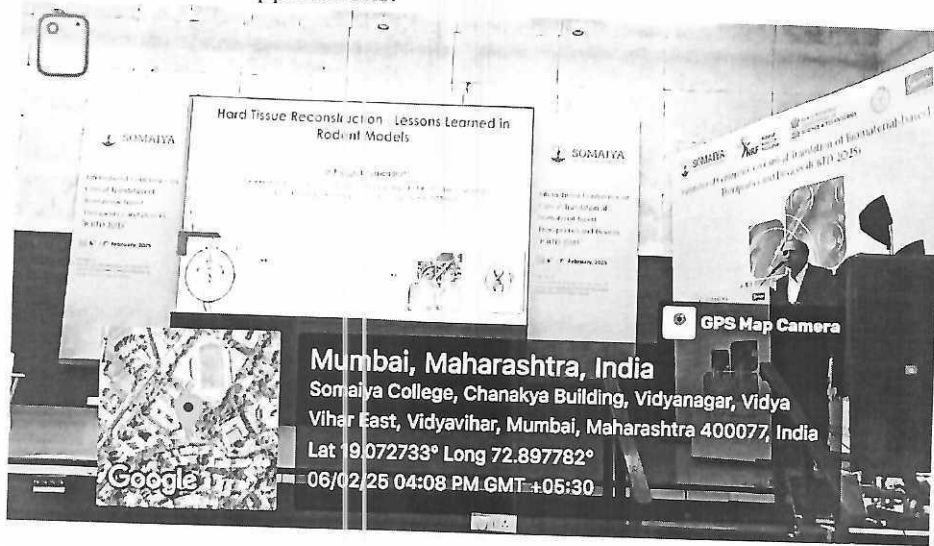
IL-5: Dr. Francis Fernandez

Title: "Hard Tissue Reconstruction: Lessons Learned in Rodent Models"

Francis Fernandez
4/3/25

Francis Fernandez
4/3/25

Dr. Francis discussed the lessons learned from research on hard tissue reconstruction in rodent models. His talk provided insights into the transformative potential of hard tissue reconstruction for medical applications.



04:30 pm - 04:40 pm: Tea Break

04:40 pm - 05:10 pm: Light Talk Session

Speaker: Dr. Nivedita K

Title: "Bridging Tendon Defects: Integrating Stem Cell-Seeded Biomimetic Acellular Tissue Biomaterials" Dr. Nivedita discussed integration of stem cell for tendon defects with acellular tissue biomaterials.



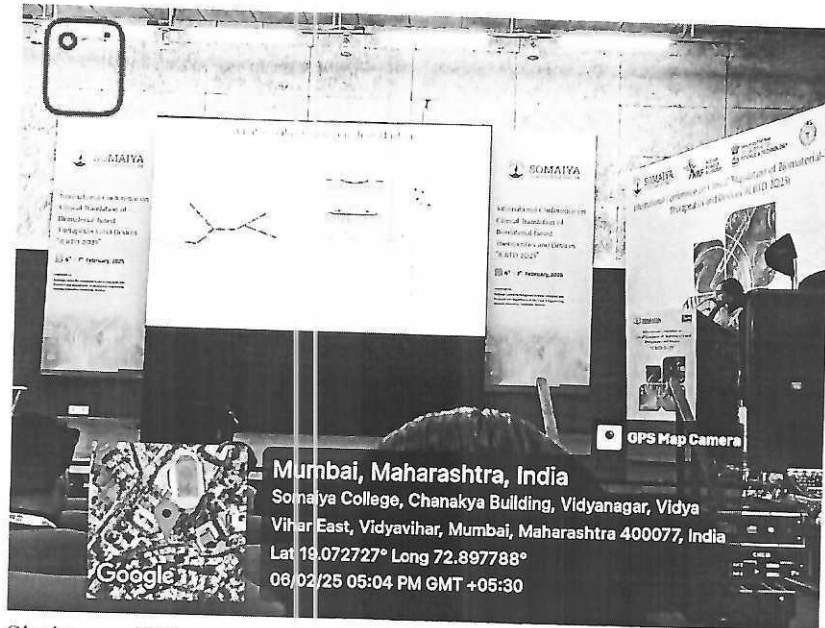
Speaker: Arpita Ghosh

Title: "Mechanosensitive and 3D Microenvironment-Driven Roles of NEATI and MALATI in Glioblastoma"

Arpita Ghosh
4/3/25

Arpita Ghosh
4/3/25

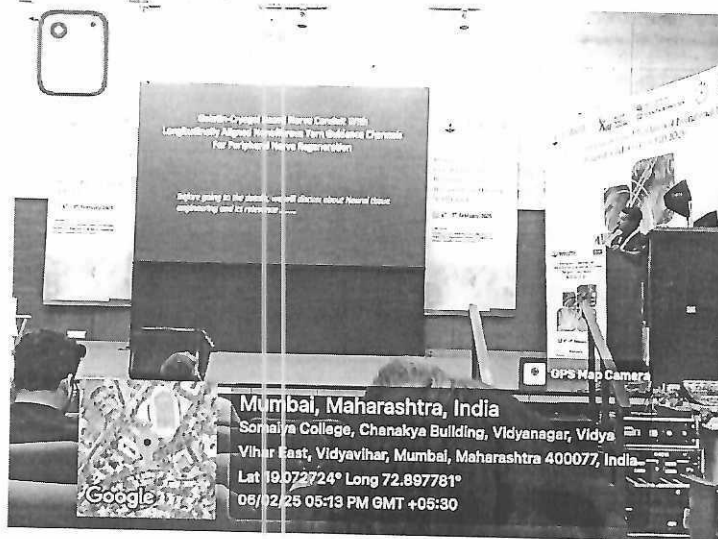
Ms. Arpita discussed Long non-coding RNAs (lncRNAs) have gained increasing recognition as key regulators of cancer biology, overturning their earlier classification as non-functional genomic elements. Among them, NEATI (Nuclear-Enriched Abundant Transcript) lncRNA involved in multiple solid tumors, including liver, prostate, and gastric cancers, as well as gliomas



Speaker: Dr. Shalumon KT

Title: "Gelatin-Cryogel Based Nerve Conduit for Peripheral Nerve Regeneration"

Dr. Shalumon discussed a medical device, typically a tube-like structure, made from a gelatin-based material that has been solidified through a cryogel process, designed to help damaged peripheral nerves regrow by providing a supportive pathway for regenerating axons to navigate across a nerve gap following injury.



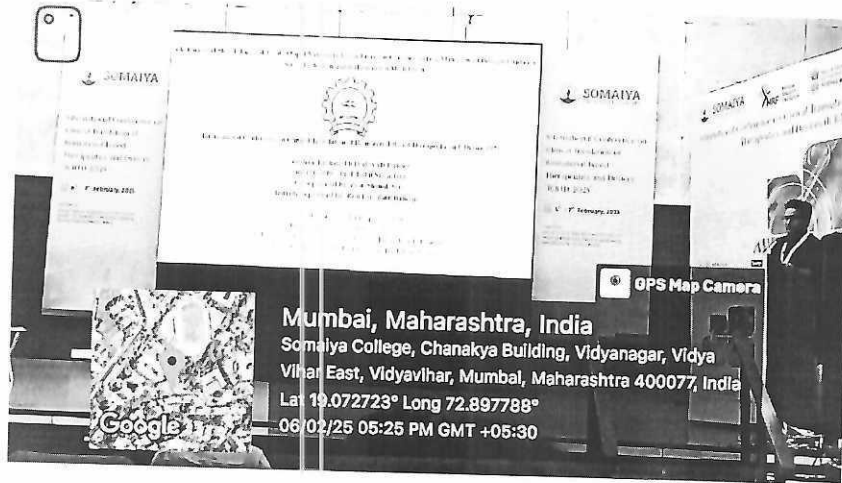
Speaker: Mr. Roshan Kesari

Title: "Eugenol-Loaded Lipid Nanoparticles-Derived Hydrogels for Psoriasis"

Handwritten signature
4/13/25

Handwritten signature
4/13/25

Mr. Roshan discussed the utilization of Eugenol-loaded lipid nanoparticles-derived hydrogels for the treatment of psoriasis. He further discussed that ROS scavenging capacity, improves cellular uptake, facilitates skin penetration and retention, reduces the activity of hyperactive immune cells, and suggests potential applications for treating other immune-related disorders such as acne and atopic dermatitis.



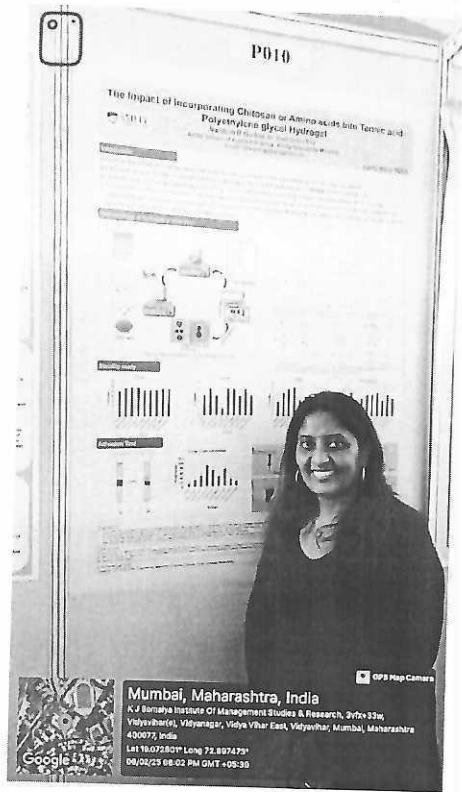
05:10 pm - 05:40 pm: Poster Evaluation

Location: Amphitheatre, KJSIM

mbm
4/3/25

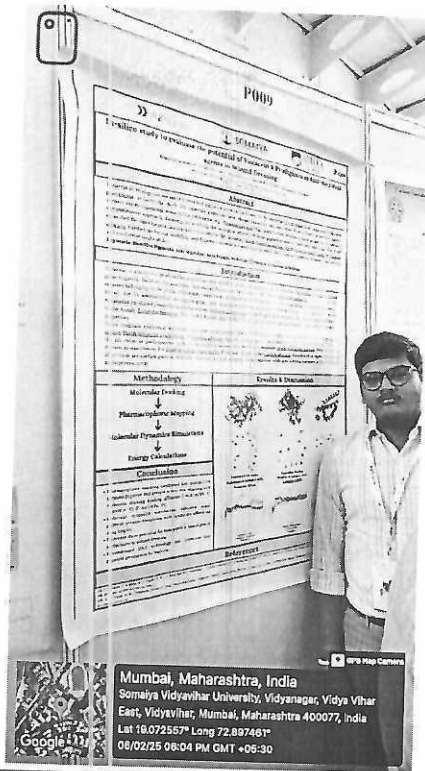
mbm
4/3/25

Panel members evaluated the poster based on multiple factors, including design, content, and presentation.



Handwritten signature
4/3/25

Handwritten signature
4/3/25



End of Day 1 Program

Mhmm
4/3/25

Mhmm
4/3/25

Day 2 - 7th February 2025 (Friday)

Venue: Nalanda Auditorium, KJSIM, Somaiya Vidyavihar University, Ghatkopar East, Mumbai

08:00 am - 09:00 am: Breakfast

Location: Govinda Canteen

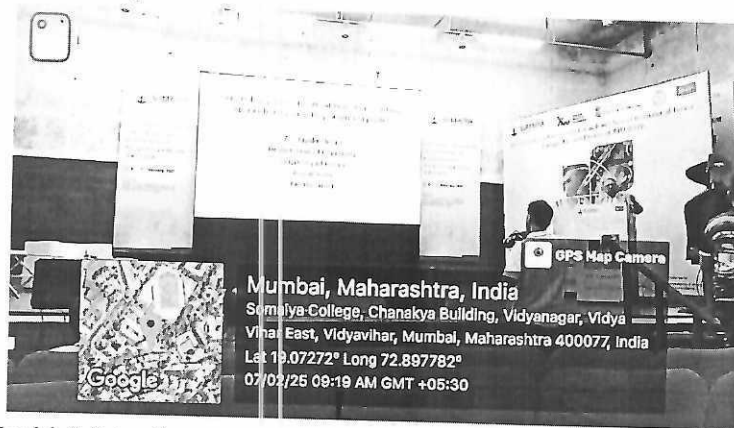
09:00 am - 11:35 am: Session 4 - Trends in Diagnostic and Therapeutic Delivery Systems

Chair: Prof. V.N. Rajasekharan Pillai

KA-4: Dr. A. Jayakrishnan

Title: "Drug Delivery Across the Blood-Brain Barrier: A New Approach"

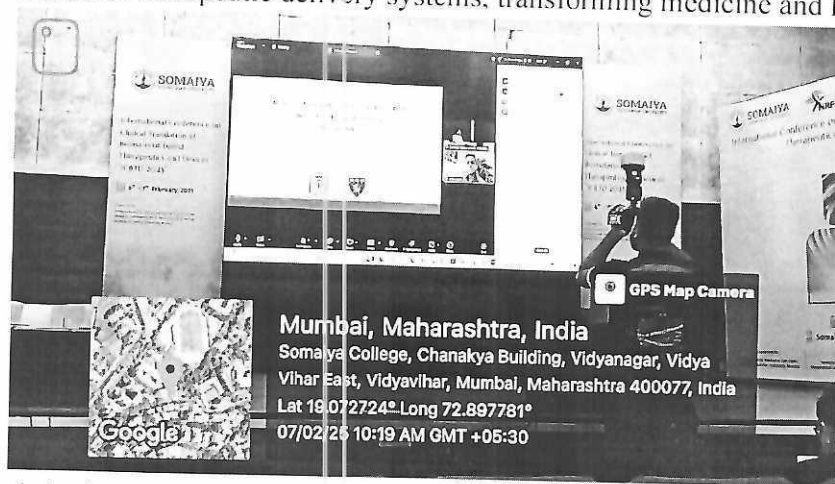
Dr. Jayakrishnan discussed a new approach to drug delivery across the blood-brain barrier using drug-polysorbate conjugates. He also discussed the latest innovations and applications of biomaterial-based therapeutics.



IL-6: Dr. Nitin Joshi (Virtual)

Title: "Micro- and Nano-Scale Innovations for Next-Gen Therapeutic Delivery"

Dr. Joshi in his talk discussed how micro- and nano-scale innovations are paved the way for the next generation of therapeutic delivery systems, transforming medicine and healthcare.



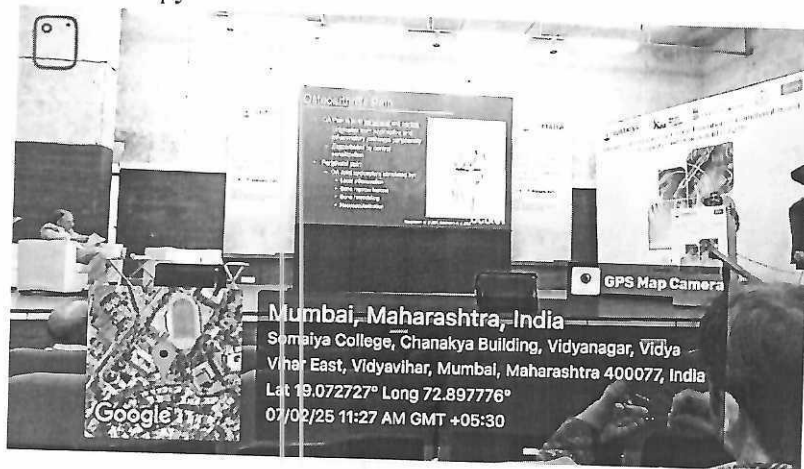
KA-5: Dr. Lakshmi Nair

Title: "Novel Approaches to Manage Osteoarthritis Pain"

Handwritten signature and date: 4/3/25

Handwritten signature and date: 4/3/25

Dr. Lakshmi Nair discussed the new and innovative methods beyond traditional treatments like pain medication and physical therapy, aimed at addressing the underlying causes of osteoarthritis pain and potentially slowing its progression. tissue engineering, growth factor injections, stem cell therapy.



11:35 am - 11:50 am: Tea Break

11:50 am - 1:25 pm: Session 5 - Industry Perspective & Polymeric Biomaterials

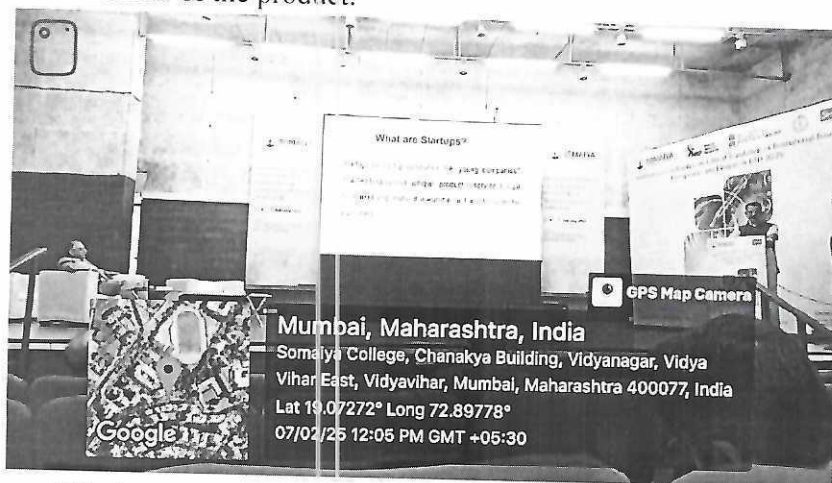
Chair: Dr. A. Jayakrishnan

Industry Perspective

IL-6: Mr. Balram S, Scientist-G

Title: "From Research to Startup, Navigating a Road Less Travelled"

Dr. Balram discussed how he has evolved from research to startup, a journey that involved ideation to the realization of the product.



IL-7: Dr. Anuya Nisal

Title: "Improving Patient Care through Silk-Based Bone Regeneration"

Dr. Anuya discussed a bone regeneration technique where scientists utilized silk protein as a biomaterial to promote bone growth and repair in patients with bone fractures or defects, potentially leading to faster healing times and better overall patient outcomes compared to traditional methods.

MB
4/3/25

Anuya
4/3/25

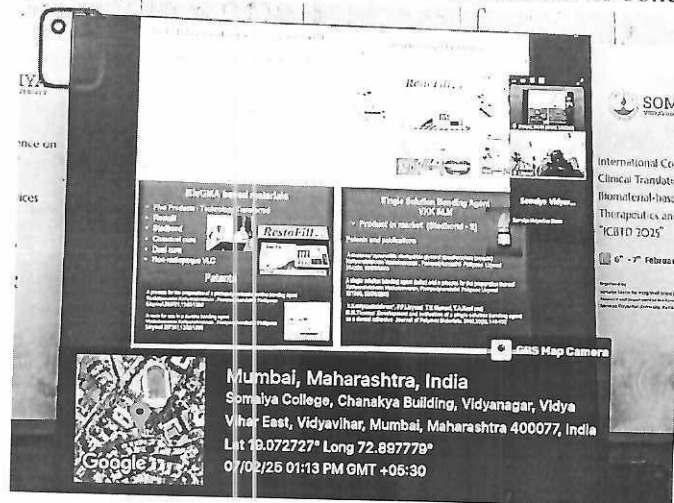


Polymeric Biomaterials

IL-9: Dr. Lizymol PP (Virtual)

Title: "Organically Modified Ceramic Polymer-Based Radiopaque Composites"

Dr. Lizymol discussed organically modified ceramic materials used in dental restoration that combine the properties of a ceramic filler with a polymer resin matrix. where the ceramic component has been modified with organic molecules to enhance its bonding capabilities.



1:25 pm - 02:10 pm: Lunch Break and Networking

KA-1: Prof. Ketul Popat (virtual), Department of Bioengineering, George Mason University
Title: "Surface Modification Strategies to Improve Hemocompatibility of Titanium-Based Implants"

Prof. Ketul discussed how to improve the compatibility of titanium implants with blood. He discussed innovative solutions to enhance implant success.

Handwritten signature
4/13/25

Handwritten signature
4/13/25



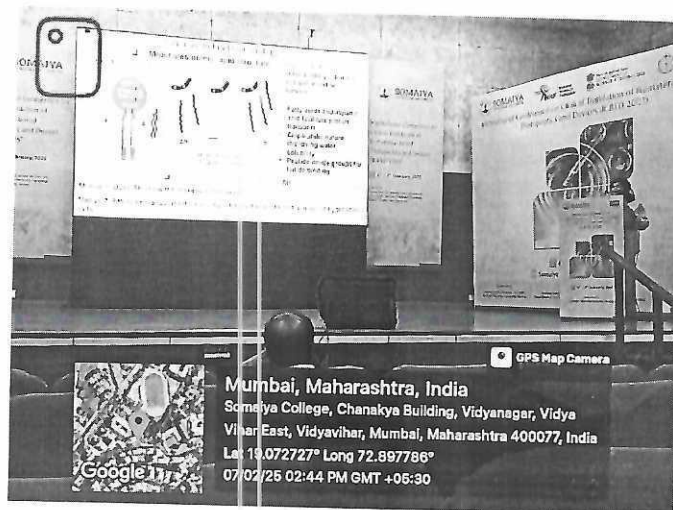
01:15 pm - 01:45 pm: Poster Evaluation

Location: Amphitheatre, SIMSR

02:10 pm - 03:30 pm: Light Talk Session (Contributory Talks — Research Scholars, UG/PG Students)

Presentations by young researchers and students

1. Dr. Shabnam Kar: “Amphiphilic peptide carrier for H⁺/Cl⁻ transport in cell membrane”
She discussed her work focused on peptide molecules with both hydrophilic (water-loving) and hydrophobic (water-hating) regions, specifically engineered to facilitate the simultaneous transport of hydrogen ions (H⁺) and chloride ions (Cl⁻) across a cell membrane by acting as a carrier molecule, essentially mimicking the function of a natural ion channel or transporter protein.



2. Dr. Vibha Kumari: “Development of Transdermal patches for enhanced delivery of multifunctional agents for addressing osteoarthritis.”

Dr. Vibha discussed how emerging microneedle (MN) technology in recent years has created new avenues of transdermal delivery for arthritis drugs due to its advantages of painless skin perforation and efficient local delivery.

Shabnam Kar
4/3/25

Vibha Kumari
4/3/25



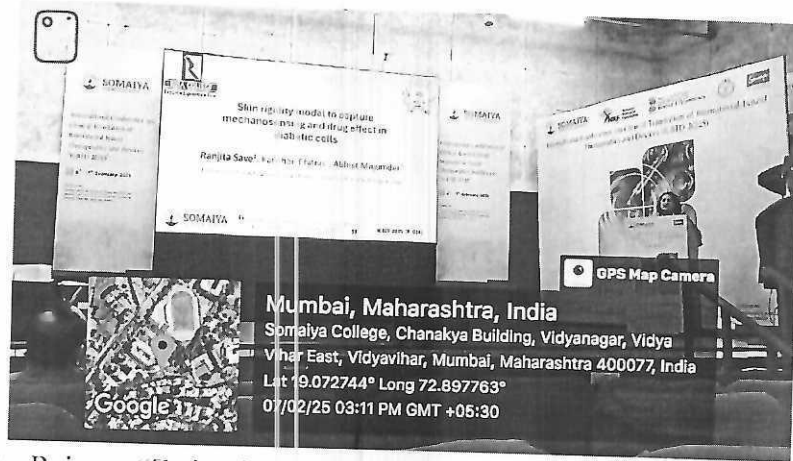
3. Ms. Kripamol: “Biological evaluation of GelAGI - liver ECM Bioink for 3D printing of liver construct.” Ms. Kripamol discussed biological in vitro GaGPL ECM and physical characterization with 3D printing.



4. Ms. Ranjita Save: “Skin rigidity model to capture mechanosensing and drug effect on diabetic cells” Ms. Ranjita discussed diabetes—a silent pandemic resulting in chronic wounds resulting in delayed healing, causing emotional trauma and financial burden. She discussed in vitro and in vivo techniques used for wound healing.

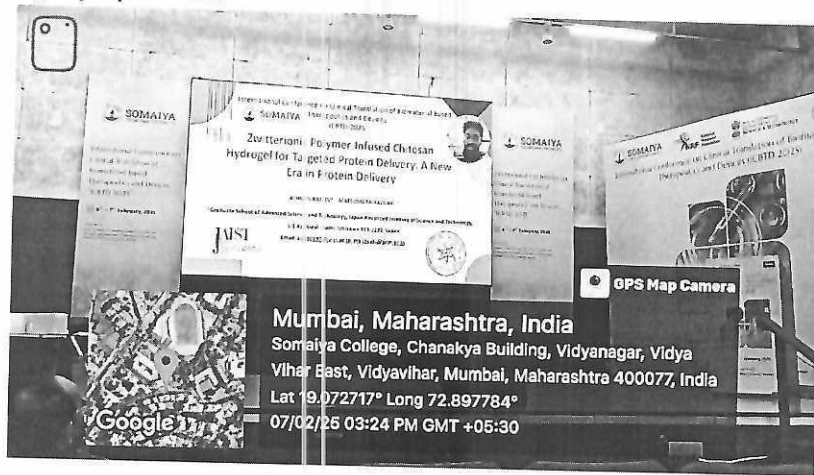
Mhmm
4/3/25

Abhinav
4/3/25



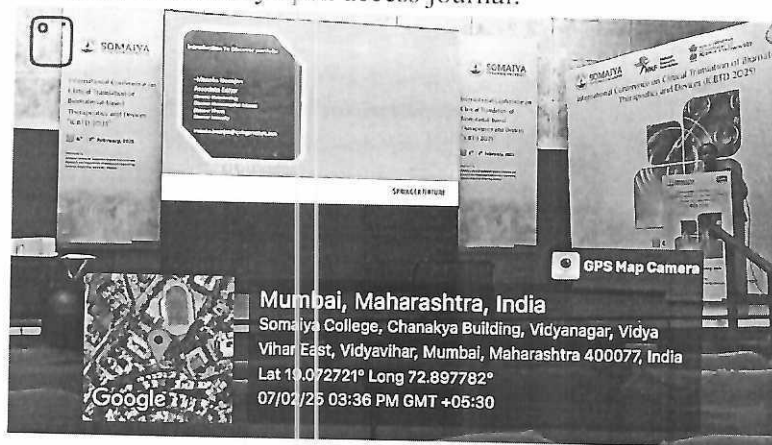
5. Ashwin Rajeev: “Zwitterionic Polymer - Infused Chitosan Hydrogel for Targeted Protein delivery: A new Era in Protein Delivery”

Mr. Ashwin discussed the biocompatibility of chitosan hydrogels, making them suitable for drug delivery. He discussed the method of synthesis of chitosan beads and the method of chitosan hydrogel preparation.



03:30 pm - 03:40 pm: Springer Nature Session

Ms. Maneka Hoonjan: Ms. Maneka discussed the discovery portfolio under the Springer Nature umbrella. Discover is a fully open access journal.



Maneka
4/3/25

Maneka
4/3/25

03:40 pm - 03:50 pm: Industry Delegate Session

I. **KORE AMMR : Ms. Shreya Pradhan**

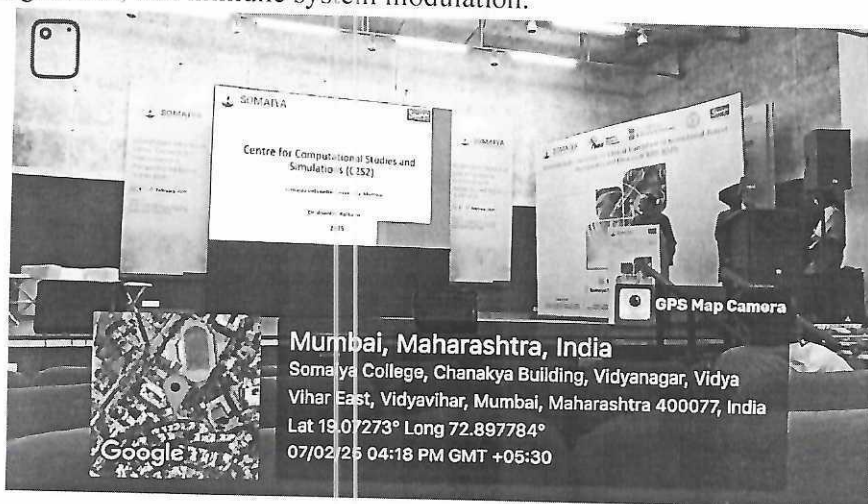
Ms. Shreya discussed the products developed by KORE AMMR such as biomaterial, and also explained the further roadmap of the company for development of bioink, 3D bioprint tissue and 3D bioprinter.



KA-6: Prof. V. N. Rajasekharan Pillai

Title: "Biomedical Applications of Peptides and Polymer-Modified Peptides"

Dr. Pillai discussed the applications of peptides, targeted drug delivery systems, and diagnostic tools, therapeutic agents for various conditions like cancer, infections, and inflammatory diseases, with potential applications in areas like wound healing, antimicrobial activity, hormone regulation, and immune system modulation.

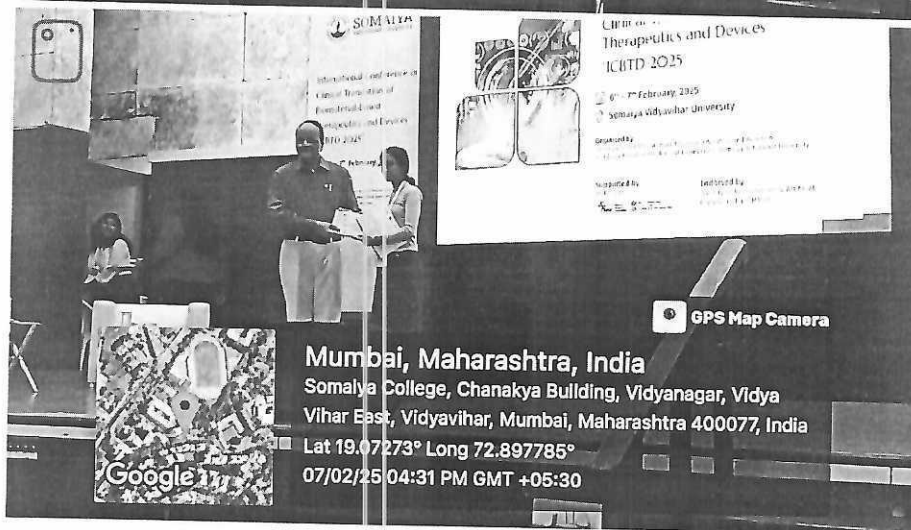
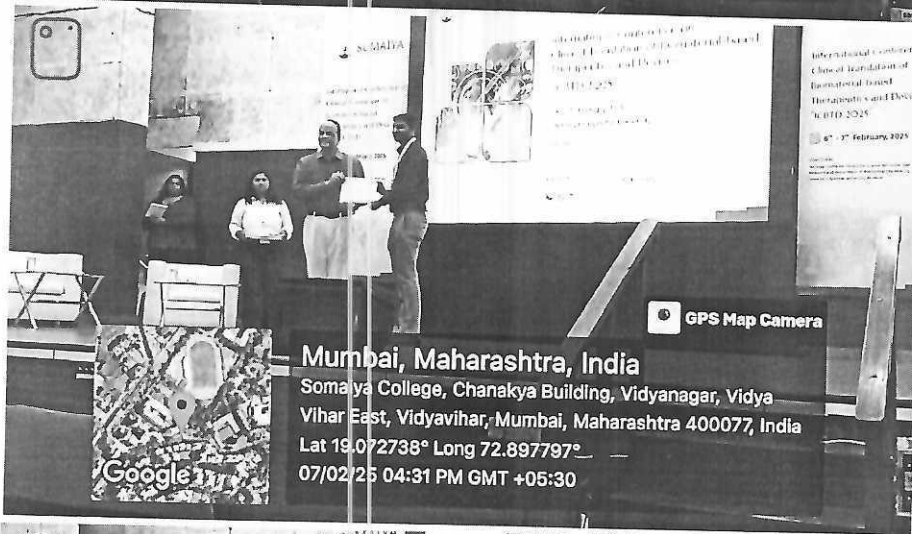
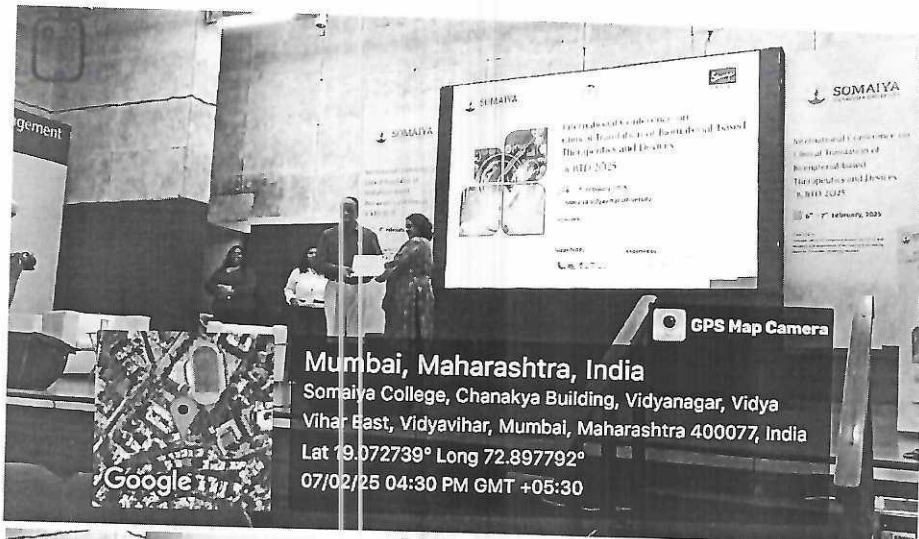


03:50 pm - 04:40 pm: Session 10 - Closing Ceremony and Award Distribution

Awards: Award distribution to outstanding participants

Mhmm
4/3/25

Mhmm
4/3/25



MB
4/3/25

Chand
4/3/25



Feedback: Participant feedback

Feedback was provided by 1. Ms. Shrushti, UG student, Polymer science dept.



2. Ranjita Save, Ramnarain Ruia College, Ph.D. Student.

Handwritten signature
4/3/25

Handwritten signature
4/3/25

3. Dr. Sherin provided feedback as a faculty member of Somaiya Vidyavihar University.



Closing Remarks by Dr. Harikrishna Varma



MB
4/3/25

Harikrishna
9/13/25

Closing Remarks: Vice Chancellor, Prof. V.N. Rajasekharan Pillai



Vote of Thanks: A vote of thanks was provided by Dr. Biji Balakrishnan




Handwritten signature
4/3/25

Handwritten signature
a B / n


Group Photograph



05:00 pm - 05:20 pm: Tea & Networking


4/3/25
Dr. Biji Balakrishnan
Convener (ICBTD 2025)


4/3/25
Dr. Ramesh Lekurwale
Co- Convener (ICBTD 2025)


4/3/25

“International Conference on Clinical Translation of
Biomaterial-based Therapeutics and Devices”
“ICBTBD 2025”



6th - 7th February, 2025



Somaiya Vidyavihar University

Organised by:

Somaiya Centre for Integrated Science Education and Research and
Department of Mechanical Engineering, Somaiya Vidyavihar University

Supported by:

Internal Quality Assurance cell, SVU

Endorsed by:

Society of Biomaterials & Artificial
Organs, India (SBAOI)

Theme of the Conference

Numerous biomaterials have been developed for tissue regeneration, drug delivery and diagnostic applications. Although there has been great progress in material innovation and preclinical testing, clinical translation of biomaterial based therapeutics and devices are very limited. Several biological and technological challenges have contributed to this huge gap between pre-clinical and clinical success. Additionally, there has been a lack of knowledge regarding the regulatory process and guidelines in the biomedical community. "This often results in the development of highly complex technologies that address unmet needs but fail to navigate the rigorous regulatory process." Conference aims to discuss progress in the development of materials intended for various biomedical applications, general concepts and regulatory guidelines related to clinical translation of biomaterials-based therapeutics and devices, highlight ethical considerations in translational biomedical research, and provide timely and detailed information on the latest advances in clinical translation of biomaterials for therapeutic and diagnostic applications.

Scientific Sessions

1. Advances and clinical translational challenges in Biomaterial design and processing
2. Regulations and Ethics of preclinical and clinical studies
3. Trends in diagnostic and therapeutic delivery systems
4. Data science-driven approaches in biomaterial research

Conference Layout

The technical program will run in four sessions, with Plenary, Keynotes, Invited Lectures, oral and poster presentation sessions and a panel discussion on **“Challenges in translation of medical technologies”** by experts from Clinical, Industry, regulatory and Research setups.

Participants

Conference is intended for medical professionals, scientists, engineers, industrial personnel, entrepreneurs, research scholars and UG/PG students who have interest and are involved in the development of biomaterials for various biomedical applications.

Awards

Best Presentation Award will be conferred during the conference.

About Somaiya Vidyavihar University

Somaiya Vidyavihar University, a testament to over eight decades of educational prowess, is a private university established under the Somaiya Vidyavihar University, Mumbai Act, 2019 of the Maharashtra State Legislature. Situated on a verdant 50-acre campus in Mumbai, it serves over 10,000 students across diverse disciplines including Management, Engineering, Design, Humanities, Sciences, and more. The university, rooted in the legacy of Somaiya Vidyavihar founded by Padmabhushan K J Somaiya, offers a dynamic learning environment with 'major-minor' combinations for broadened academic exploration and connectivity to an extensive global alumni network. Recognized under the UGC Act of 1956, it presents unparalleled opportunities such as an incubation center for aspiring entrepreneurs, comprehensive placement services, and well-appointed on-campus housing, embodying the 'Freedom of Possibilities' for students to pursue excellence and self-discovery.

Know more: <https://www.somaiya.edu/en/>

About Society of Biomaterials and Artificial Organs India (SBAOI)

The primary objective of SBAOI is to cultivate an ecosystem nationwide for the growth of fundamental and technology-oriented research in Biomaterials and Artificial Organs. Another mandate is to serve as platform for the stakeholders, like clinicians, industry professionals, together with researchers from academia and national labs. This can accelerate translational research in the emerging field of significant societal relevance.

For further details: <https://biomaterials.org.in/>

About IQAC, Somaiya Vidyavihar University

The Internal Quality Assurance Cell (IQAC) at the University serves as the pivotal body overseeing and enhancing quality assurance and enhancement initiatives. It spearheads the development and implementation of robust quality processes for both academic and administrative functions, ensuring continuous improvement through periodic reviews and corrective measures.

Know more: <https://www.somaiya.edu/en/about-iqac/>

About Somaiya Centre for Integrated Science Education and Research (SciSER)

The Somaiya Centre for Integrated Science Education and research (SciSER) is formed with the vision of preparing professionals & researchers with unique skill sets in integrated sciences. Currently it offers a unique BS-MS dual degree programme. The emphasis of the programme is on conceptual understanding, rather than rote learning. It focuses on developing critical thinking to encourage logical decision-making & innovation.

Know more: <https://sksc.somaiya.edu/en/programme/integrated-bachelor-of-science-master-of-science/>

About Department of Mechanical Engineering, Somaiya Vidyavihar University

Department of Mechanical Engineering imparts the skills and expertise in the areas of design, manufacturing, and thermal sciences that are the backbone of most sectors of the industry. The department is committed to providing quality education in mechanical engineering that enables students to achieve excellence in their field of specialization

Know more: <https://kjsce.somaiya.edu/en/programme/bachelor-of-technology-mechanical-engineering/>

Important dates to remember

**Abstract Submission
Opening**

November 10th, 2024

**Abstract Submission
Deadline**

December 10th, 2024

**Abstract Acceptance
Intimation**

January 1st, 2025

**Registration
opening**

November 15th, 2024

**Early Bird
Registration**

Till January 5th, 2025

**Regular
Registration**

Till conference date

Abstract submission

Participants can submit either extended abstract or Full paper according to their choice.

See website for abstract/full paper submission details: (<https://www.somaiya.edu/en/icbtd-2025>)

Selected submissions may be accepted for publication after going through the editorial workflow of the respective journal under Springer Nature.

Registration

All participants in the conference must register for the conference.

Payment can be done through the registration link, which is provided in the website:

(<https://www.somaiya.edu/en/icbtd-2025>)

Category	Indian & Foreign Delegates (In Rupees)	
	Early (Before January 5, 2025)	Regular (Till January 15, 2025)
Industry Delegates	5000/-	6000/-
Faculty member Scientist/ Researcher from industry	3000/-	4000/-
Research Scholars	1500/-	2000/-
UG/PG students	500/-	750/-

Confirmed speakers



Title of the talk:

Bench to Bed – Challenges in Translation of Biomaterials for Clinical Applications

Dr Harikrishna Varma

Head Biomedical Technology Wing, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Kerala



Title of the talk:

Drug Delivery across the Blood-Brain Barrier: A New Approach Using Drug-Polysorbate Conjugates

Prof A Jayakrishnan

(Senior Scientist (INSA); Former Professor, IIT Madras; Former Vice Chancellor, Kerala University; Former Scientist (SCTIMST); Department of Chemistry, University of Kerala)



Title of the talk:
From Research to startup, navigating a road less travelled

Mr. Balram S
 (Scientist G, BMT Wing, SCTIMST & CEO SCTIMST-TIMED)



Title of the talk:
Micro- and Nano-Scale Innovations to Enable Next Generation Therapeutic Delivery

Prof Nitin Joshi
 Harvard Medical School



Title of the talk:
From Laboratory to Clinic: Improving Patient Care Through Silk-Based Bone Regeneration

Dr Anuya
 Founder & CEO Serigen Mediproducts



Title of the talk:
Minimally Invasive Cardiovascular Devices

Dr Sujesh S
 Engineer, Artificial Internal Organs, Department of Medical Devices Engineering, Biomedical Technology Wing, SCTIMST, Trivandrum, Kerala, India.



Title of the talk:
Hard Tissue Reconstruction: Lessons Learnt in Rodent Models

Dr Francis B Fernandez
 Scientist, BMT Wing, SCTIMST



Title of the talk:
Surface Modification Strategies to Improve Hemocompatibility of Titanium-Based Implants

Prof Ketul C Popat
 Professor and Chair Department of Bioengineering, George Mason University, Fairfax, VA, USA



Title of the talk:
Organically Modified Ceramic Polymer Based Radiopaque Composites for Dental Applications

Dr. Lizymol P.P.
 Scientist G, BMT Wing, SCTIMST,



Title of the talk:
Tissue Engineering Research in India: Pasteur's Quadrant Perspective

Dr A M Kuthe
 Professor (Higher administrative grade) Visvesvaraya National Institute of Technology, Nagpur



Title of the talk:
Novel Approaches to Manage Osteoarthritic pain

Dr Lakshmi S Nair
 Department of Orthopaedic Surgery, Department of Materials Science and Engineering, Biomedical Engineering, University of Connecticut Health; Deputy Director, The Cato T. Laurencin Institute for Regenerative Engineering, University of Connecticut



Title of the talk:
4th Dimension of Paediatric Deformity Correction in Children

Dr Taral Nagda
 Senior Consultant, MBBS, MS (Orthopaedics), DNB (Orthopaedic Surgery), Pediatric Orthopaedic Surgeon, SRCC NH Children Hospital, Jupiter Hospital, Hinduja Hospital, Saifee Hospital Director: Jupiter CP Clinic, Director: Jupiter gait analysis lab



Title of the talk:
Orthopaedic Implants - materials, design and using data driven approaches

Dr. G. SARAVANA KUMAR
(Professor, IIT Madras)



Title of the talk:
Affordable healthcare technologies for India

Prof Rohit Srivastava
Himanshu Patel, Chair Professor,
Department of BSBE, IIT Bombay, Powai,
Mumbai 400076



Dr Taslimarif Saiyed
CEO and Director, C-CAMP Adjunct Faculty at
Indian Institute of Technology (IIT) Madras and
Amrita Institute School of Biotechnology

Dr Usha Nayak
Somaiya Ayurvihar, Mumbai

Chief Patron

Shri Samir Somaiya

Chancellor, Somaiya Vidyavihar University

Prof V N Rajasekharan Pillai

Vice Chancellor, Somaiya Vidyavihar University

Patrons

Hon Let Gen (Rtd) H S Kahlon

Secretary, Somaiya Vidyavihar

Dr Raghunath K Shevgaonkar

Provost, Somaiya Vidyavihar and Somaiya Ayurvihar

Prof S Sivaram

Professor of Eminence, Department of Polymer Science,
Faculty of Science, Somaiya Vidyavihar,
University, Mumbai

Dr Suresh Ukrande

Director,
K J Somaiya School of Engineering,
Dean,
Faculty of Engineering and Technology

CA Monica Lodha

Director, SKSC, SVU

Conference Chair

Prof S Sivaram

Professor of Eminence, Department of Polymer Science, Faculty of Science, Somaiya Vidyavihar University, Mumbai

International Advisory Committee

Prof Lakshmi S Nair

UCONN Health, Connecticut , USA

Prof Nitin Joshi

Harvard Medical School, USA

Prof Vinoy Thomas

University of Alabama at Birmingham (UAB), USA

Prof Finosh Thankam

Western University of Health Sciences, Pomona, CA

National Advisory Committee

Dr Chandra P Sharma

Founder SBAOI

Prof Ashok Kumar

IIT Kanpur (President, SBAOI)

Dr Harikrishna Varma

Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum, Kerala

Dr Taslimarif Saiyed

Director and CEO, Centre for Cellular and Molecular Platforms (C-CAMP)

Dr Dharendra Katti

IIT Goa

Dr A Jayakrishnan

Retd Prof IIT Madras

Prof Bikramjit Basu

IISc, Bangalore

Dr Willi Paul

SCTIMST, Kerala, India

Dr P A Hassan

BARC

Prof Rohit Srivastava

IIT Bombay

Dr Raju Vaishya

Sr Consultant Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

Prof Geetha Manivasagam

VIT Vellore

Dr Francis Fernandez

SCTIMST, Kerala, India

Dr Taral Nagda

Department of Orthopedics, Jupiter Lifeline Hospital

Dr Chasanal Rathod

Department of Orthopedics, SRCC Children's Hospital

Local Advisory Committee

Dr Achala Danait

Dean - Strategy & Industry Partnerships, Professor of Chemical & Polymer Sciences, Faculty of Science, SVU

Dr Sangeeta Srivastava

Executive Director at Godavari Biorefineries Limited.

Dr Neetin Desai

Dean, Faculty of Science, SVU

Dr Santosh Narayankhedkar

Dean Research & Academics, SVU

Prof Soumyadeb Ghosh

Head, SciSER & Department of Polymer Science, Faculty of Science, SVU

Dr Nilesh Wagh

Head, Department of Environment Science, Faculty of Science, SVU

Convenors

Dr Biji Balakrishnan

SciSER, SKSC, SVU (convenor)

Prof Ramesh Lekurwale

Head, Department of Mechanical Engineering and Director, IQAC, SVU (Co-Convenor)

Local Organising Committee

Dr Rajesh Pansare

Department of Mechanical Engineering,
Faculty of Engineering, SVU

Dr Manoj Mishra

Somaiya Centre for Integrated Science
Education and Research, Faculty of Science,
SVU

Dr Tressa Jacob

Somaiya Centre for Integrated Science
Education and Research, Faculty of Science,
SVU

Dr A V Radhakrishnan

Somaiya Centre for Integrated Science
Education and Research, Faculty of Science,
SVU

Dr Daly Davis

Department of Polymer Science, Faculty of
Science, SVU

Dr Vaibhav Narwane

Department of Mechanical Engineering,
Faculty of Engineering, SVU

Dr Rohan Kothurkar

Department of Mechanical Engineering,
Faculty of Engineering, SVU

Ms Kavita Kumari Thakur

Department of Mechanical Engineering,
Faculty of Engineering, SVU

Dr Vandana Jamdar

Department of Polymer Science, Faculty of
Science, SVU

Dr Jacinta George

Department of life sciences, faculty of
sciences, SVU

Dr Saranya Thaloor

Department of Mass Communication,
Faculty of humanities and social sciences, SVU

Dr Seema Sambrani

Head, Department of Life science, Faculty
of Science, SVU

Dr Vaijayanti Ghase

Department of Polymer Science, Faculty of
Science, SVU

Dr Anant Kulkarni

Department of Polymer Science, Faculty of
Science, SVU

Dr Swati Maurya

Head, Department of IT and Computer
Science, Faculty of Science, SVU

Dr Harshali Patil

Department of IT and Computer Science,
Department of IT and Computer Science,
Faculty of Science, SVU

Ms Minal Dive

Department of IT and Computer Science,
Faculty of Science, SVU

Ms Anushree Sukhi

Department of IT and Computer Science,
Faculty of Science, SVU

Dr Deepti Gupta

Department of life sciences, faculty of
sciences, SVU

Ms Mousmi Pawar

Department of IT and Computer Science,
Faculty of Science, SVU


Mr Hemant Waithande


SVU





 icbtd2025@somaiya.edu

 <https://www.somaiya.edu/en/icbtd-2025>

 @SomaiyaTrust

 @somaiyavidyaviharuniversity

 @somaiya vidyavihar university

 @Somaiya_SVU

 @SomaiyaVidyavihar-Mumbai

 @somaiyavidyavihar.blog

 <https://newsletter.somaiya.edu/>



Scan Here



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai

06th February 2025 Vice-Chancellor

To,
Dr. Francis B Fernandez
Scientist
BMT Wing, SCTIMST,
Thiruvananthapuram.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Francis B Fernandez,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Hard Tissue Reconstruction: Lessons Learned in Rodent Models”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Dr. Usha Nayak
Professor & Head Department of Pharmacology KJSMC
Member Secretary, IEC (Academic) Coordinator.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Usha Nayak,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“RRR: An Insight Into EC Submissions (Regulations, Requirements & Reviews)”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Dr. Sujesh Sreedharan
Engineer-G
Division of Artificial Internal Organs,
Sree Chitra Tirunal Institute for
Medical Sciences and Technology,
Trivandrum.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Sujesh Sreedharan,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Minimally Invasive Cardiovascular Devices”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours Sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai

Vice-Chancellor
06th February 2025

To,
Dr. Anuya Nisal
Founder and CEO
Serigen Media products
Pune.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Anuya Nisal,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **"From Laboratory to Clinic: Improving Patient Care Through Silk-Based Bone Regeneration"** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Dr. Balram Sankaran
Scientist-G
Biomedical Technology Wing
Sree Chitra Tirunal Institute for
Medical Sciences and Technology,
Trivandrum.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Balram Sankaran,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **"From Research to Startup, navigating a Road Less travelled"** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,
Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Dr. Taral Nagda
Senior Consultant
Jupiter Lifeline hospital,
Mumbai.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Taral Nagda,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **"4th dimension of Pediatric Deformity Correction in Children"** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai

Vice-Chancellor
06th February 2025

To,
Dr. Lakshmi S. Nair
Professor
Department of Orthopaedic Surgery,
University of Connecticut Health,
USA.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Lakshmi S. Nair,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Novel Approaches to Manage Osteoarthritic Pain”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor

06th February 2025

To,
Dr. A. Jayakrishnan
INSA Senior Scientist
Department of Chemistry, University of Kerala,
Kerala.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. A. Jayakrishnan,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Drug Delivery Across the Blood-Brain Barrier: A New Approach Using Drug-Polysorbate Conjugates”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,
Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Dr. Harikrishna P.R. Varma
Head of Biomedical Technology Wing
Sree Chitra Tirunal Institute for
Medical Sciences and Technology,
Trivandrum.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Harikrishna P.R. Varma,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Bench to Bed – Challenges in Translation of Biomaterials for Clinical Applications”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,
Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai

Vice-Chancellor

06th February 2025

To,
Dr. Abhaykumar M Kuthe
Professor (Higher administrative grade)
Visvesvarya National Institute of Technology,
Nagpur.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Abhaykumar M Kuthe,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **“Tissue Engineering Research in India: Pasteur’s Quadrant Perspective”** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai

Vice Chancellor

Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Prof. Rohit Srivastava
Himanshu Patel Chair Professor,
Department of BSBE, IIT Bombay, Powai,
Mumbai.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Prof. Rohit Srivastava,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **"Affordable Healthcare Technologies for India"** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,
Yours Sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu

Hand over to Beji moon



SOMAIYA
VIDYAVIHAR UNIVERSITY



Prof. V N Rajasekharan Pillai
Vice-Chancellor
06th February 2025

To,
Prof. Ketul C. Popat
Professor and Chair
Department of Bioengineering, George Mason University,
Fairfax VA, USA.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Prof. Ketul C. Popat,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial Therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on **"Surface Modification Strategies to Improve Hemocompatibility of Titanium-Based Implants"** greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY

Hand over to Biji room



Prof. V N Rajasekharan Pillai

06th February 2025

Vice-Chancellor

To,
Dr. Lizymol P.P
Scientist G
Division of Dental Products, BMT Wing, SCTIMST,
Thiruvananthapuram.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Lizymol P.P.

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on "**Organically Modified Ceramic Polymer Based Radiopaque Composites for Dental Applications**" greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY

Mand over to Biji
Maam



Prof. V N Rajasekharan Pillai

06th February 2025 Vice-Chancellor

To,
Dr. Nitin Joshi
Assistant Professor
Harvard Medical School,
Brigham and Women's Hospital.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. Nitin Joshi,

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on 6th and 7th February 2025. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on "**Micro- and Nano-Scale Innovations to Enable Next Generation Therapeutic Delivery**" greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY

Hand over to
Bijaram



Prof. V N Rajasekharan Pillai

Vice-Chancellor
06th February 2025

To,
Dr. G. Saravana Kumar
Professor
Department of Engineering Design, IIT,
Madras.

Subject: Letter of Appreciation for Your Contribution as a Guest Speaker to ICBTD 2025

Dear Dr. G. Saravana Kumar.

On behalf of Somaiya Vidyavihar University, Mumbai, I sincerely thank you for your invaluable contribution as a guest speaker at the **International Conference on Clinical Translation of Biomaterial therapeutics and Devices (ICBTD 2025)** held on **6th and 7th February 2025**. The event was organized by the Somaiya Centre for Integrated Science Education and Research (SciSER) and the Department of Mechanical Engineering, with support from the Anusandhan National Research Foundation (ANRF), Internal Quality Assurance Cell (IQAC), SVU and endorsement by the Society of Biomaterials & Artificial Organs, India (SBAOI).

Your insightful presentation on "**Orthopedic Implants - materials, design and using data-driven approaches**" greatly enriched the conference and stimulated meaningful discussions. The knowledge you shared will undoubtedly help drive advancements in the field of biomaterials and tissue development.

Thank you once again for your valuable time and effort. I look forward to your continued association with Somaiya Vidyavihar University, Mumbai.

Warm Regards,

Yours sincerely,

Prof. V. N. Rajasekharan Pillai
Vice Chancellor
Somaiya Vidyavihar University, Mumbai

Office of the Vice-Chancellor,
107, Management Building, Vidyavihar (E), Mumbai - 400077, India
P: (91-22) 67283144 (Ext 3178)
E: vice-chancellor@somaiya.edu
W: www.somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaiya Vidyavihar University, Mumbai



International Conference on Clinical Translation of Biomaterial-Based Therapeutics and Devices (ICBTDD 2025)

Day & Date: Thursday 06th February 2025
Venue: Nalanda, SIMSR Building

Time: Morning Session (09:00 AM to 01:00 PM)

Attendance

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
1	Dr. Niveditha	Assistant Professor	Homi Baba State University, Maharashtra	
2	Dr. Sabnam Kar	DST Women Scientist	IIT Bombay	
3	Ms. Vaibhavi Shinde	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Skas
4	Ms. Pratik Kale	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Pratik
5	Ms. Harshita Singh	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Harshita
6	Ms. Suriya Pradhan	Research Executive.	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
7	Mr. Dinesh Kumar	Research Engineer	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
8	Dr. Mini PDA	Assistant Professor	Kerala University	
9	Dr. Shalumon KT	Assistant Professor	Mahatma Gandhi University	
10	Dr. Manasi Mishra	Associate Professor	Dr. Vishwanath Karad MIT-World Peace University	
11	Mr. Bharat Bhandari	Director		
12	Dr. Maneka	Associate Editor	Springer Nature	But 52



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
13	Dr. Arpita Ghosh	National Postdoctoral Fellow	IIT Bombay	
14	Ms. Srinidhi	Research Scholar	Indian Institute of Technology, Bombay (IITB)	
15	Ms. Senthil Rann Prabhu	Research Scholar	Anna University	
16	Ms. Ranjita	Research Scholar	Rannarain Ruia Autonomous College	
17	Ms. Deepanshu Garg	Research Associate	AiSense LLP	
18	Ms. Vaishali R Gudda	Ph.D. Scholar	Amity University, Mumbai	
19	Ms. Sangeetha Suresh	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
20	Ms. Kripamol	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
21	Ms. Parvati	JRF and Ph.D. Scholar	Somaia Institute of Research and Consultancy	
22	Ms. Tejas Suryawanshi	Ph.D. Scholar	IIT Bombay	
23	Ms. Kothotte Anju Ashokan Sneha	Research Scholar	University of Mumbai	
24	Ms. Arpita	Research Scholar	IIT Bombay	
25	Ms. Vishvas	Research Scholar	K. J. Somaia College of Engineering	
26	Ms. Rupesh	Ph.D. Research Scholar	Somaia Vidya Vihar University	
27	Ms. Rutuja	Ph.D. Student	Somaia Vidya Vihar University	
28	Mr. Roshan Keshari	Post-doc	Indian Institute of Technology, Bombay	



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
29	Ms. Vibha	M.Tech.-Ph.D.	Indian Institute of Technology, Bombay	
30	Ms. Lakshmi Menon	Ph.D. Scholar	Institute of Chemical Technology	
31	Ms. Bhargavi Ajaonkar	Ph.D. Scholar	Institute of Chemical Technology	
32	Ms. Divyanshi Kansal		MIT-WPU	
33	Ms. Anita		MIT World Peace University	
34	Ms. Sanskruti Jagadesh	Student	Somaia Vidya Vihar University	
35	Ms. Srishti	UG Student	S.K. Somaia College	
36	Ms. Pratiksha Hiendra Ahire	PG Student	IIT Ropar	
37	Ms. Surabhi Verma	UG Student	IIT Ropar Punjab	
38	Ms. Anindita Sarkar	PG Student	Indian Institute of Technology Ropar	
39	Mr. Ashwin	PG Student	Japan Advanced Institute of Science and Technology	
40	Mr. Ayanjeet	PG Student	Amity University Maharashtra, Mumbai (AUM)	
41	Mr. Rashid	Student	Veermata Jijabai Technological Institute (VJTI)	
42	Mr. Simran	Student	Somaia University	
43	Mr. Adithya		Somaia Vidya Vihar University	
44	Mr. Tanay Nitin More	UG Student	Somaia Vidya Vihar University	
45	Mr. Yash Panchal		Somaia Vidya Vihar University	
46	Dr. Biji Balakrishnan			



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidyavihar University, Mumbai



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
47	Dr. Ramesh Lekurwale	Director IQAC	Somaia Vidyavihar University	
48	Dr. Seema Sambrani			
49	Dr. A. V. Radhakrishnan	Sc STA	SVU	M
50	Dr. Vaibhav Narwane			
51	Dr. Tressa Jacob			
52	Dr. Manoj Mishra	SciSSE	SVU	m
53	Dr. Swati Maurya			
54	Dr. Daly Davis	Polymer Science	SVU	De
55	Dr. Harshali Patil			
56	Dr. Deepu Gupta			
57	Mr. Satish Kulkure			
58	Dr. Vandana Jamdhar			
59	Dr. Rajesh Pansare			
60	Dr. Vajiyanti Ghase	Polymer science	SVU	De
61	Mr. Shekhar Phawade			
62	Dr. Rohan Kothurkar			
63	Dr. Saranya Thaloor			
64	Mrs. Kavita Kumari Thakur			



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
65	Mr. Parag Sarode	Asst Prof	KES - Somaia School of Engg.	
66	Ms. Mousmi Pawar			
67	Ms. Anushree Sukhi			
68	Ms. Minal Dive			
69	Mr. Deepak Bhatt			
70	Dr. Anant Kulkarni			
71	Mr. Hemant Waydande			
72	Dr. Jacinta George	Assistant Professor	Somaia Vidya Vihar University	
73	Dr. Rupali Patil			
74	Ketaki Joshi - student ^{UG}	UG Student	SL Somaia College	
75	Sohan Kulkarni	UG Student	S.K Somaia	
76	Taruni Arpadit	UG Student	SL Somaia College	
77	Sahil Lad	UG Student	SOMAIYA	
78	Meirsh Awar	Lab Assistant	IC-J. SSC	
79	Dr. Shyam Malhe	Assistant Professor	SSC, SVU	
80.	Dr. Teles Jain	Assistant Professor	SKSE, SVU	
81.	C.V. AVADHANI	Asst Prof	SKSE / Dept. Polymer Sci	



SOMAIYA
VIDYAVIHAR UNIVERSITY

Attendance

Attendee

Somaiya Vidyavihar University, Mumbai



International Conference on Clinical Translation of Biomaterial-Based Therapeutics and Devices (ICRTD 2025)

Day & Date: Thursday 06th February 2025
Venue: Nalanda, SIMSR Building

Time: Afternoon Session (02:00 PM to 06:00 PM)

Attendance

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
1	Dr. Niveditha	Assistant Professor	Homi Baba State University, Maharashtra	N.Jha
2	Dr. Sabnam Kar	DST Women Scientist	ITT Bombay	SKM
3	Ms. Vaibhavi Shinde		Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
4	Ms. Pratik Kale		Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
5	Ms. Harshita Singh		Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
6	Ms. Shriya Pradhan		Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
7	Mr. Dinesh Kumar		Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
8	Dr. Mini POA	Assistant Professor	Kerala University	
9	Dr. Shalumon KT	Assistant Professor	Mahatma Gandhi University	
10	Dr. Manasi Mishra	Associate Professor	Dr. Vishwanath Karad MIT-World Peace University	
11	Mr. Bharat Bhandari	Director		
12	Dr. Maneka	Associate Editor	Springer Nature	



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
13	Dr. Arpita Ghosh	National Postdoctoral Fellow	IIT Bombay	
14	Ms. Srinidhi	Research Scholar	Indian Institute of Technology, Bombay (IITB)	
15	Ms. Senthil Ram Prabhu	Research Scholar	Anna University	
16	Ms. Ranjita	Research Scholar	Rannarain Ruia Autonomous College	
17	Ms. Deepanshu Garg	Research Associate	AI Sense LLP	
18	Ms. Vaishali R Gudda	Ph.D. Scholar	Amity University, Mumbai	
19	Ms. Sangeetha Suresh	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
20	Ms. Kripamol	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
21	Ms. Pranali	JRF and Ph.D. Scholar	Somaia Institute of Research and Consultancy	
22	Ms. Tejas Suryawanshi	Ph.D. Scholar	IIT Bombay	
23	Ms. Kothotte Anju Ashokan Sneha	Research Scholar	University of Mumbai	
24	Ms. Arpita	Research Scholar	IIT Bombay	
25	Ms. Vishvas	Research Scholar	K. J. Somaia College of Engineering	
26	Ms. Rupesh	Ph.D. Research Scholar	Somaia Vidya Vihar University	
27	Ms. Rutuja	Ph.D. Student	Somaia Vidya Vihar University	
28	Mr. Roshan Keshari		Indian Institute of Technology, Bombay	



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
29	Ms. Vibha कविपारुष	M.Tech.-Ph.D.	Indian Institute of Technology, Bombay	<i>Active</i>
30	Ms. Lakshmi Menon	Ph.D. Scholar	Institute of Chemical Technology	<i>Madhavi</i>
31	Ms. Bhargavi Aijaonkar	Ph.D. Scholar	Institute of Chemical Technology	<i>Bhargavi</i>
32	Ms. Divyanshi Kansal		MIT-WPU	
33	Ms. Anita		MIT World Peace University	
34	Ms. Sanskruti Jagadesh	Student	Somaia Vidyaivihar University	
35	Ms. Srishiti	UG Student	S.K. Somaia College	<i>Srishiti</i>
36	Ms. Pratiksha Hitendra Ahire	PG Student	IIT Ropar	<i>Pratiksha</i>
37	Ms. Surabhi Verma	UG Student (PG Student) PG	IIT Ropar Punjab	<i>Surabhi</i>
38	Ms. Anindita Sarkar	PG Student	Indian Institute of Technology Ropar	<i>Anindita Sarkar</i>
39	Mr. Ashwin	PG Student	Japan Advanced Institute of Science and Technology	
40	Mr. Ayanjeet	PG Student	Amity University Maharashtra, Mumbai (AUM)	
41	Mr. Rashid	Student	Veermata Jijabai Technological Institute (VJTI)	
42	Mr. Simran	Student	Somaia University	
43	Mr. Adithya		Somaia Vidyaivihar University	
44	Mr. Tanay Nitin More	UG Student	Somaia Vidyaivihar University	
45	Mr. Yash Panchal		Somaia Vidyaivihar University	
46	Dr. Biji Balakrishnan			



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
47	Dr. Ramesh Lekurwale	Director IQAC	Somaia Vidya Vihar University	
48	Dr. Seema Sambrani			
49	Dr. A. V. Radhakrishnan			
50	Dr. Vaibhav Narwane			
51	Dr. Tressa Jacob	Asst Asso Bg	SciSER	
52	Dr. Manoj Mishra			
53	Dr. Swati Maurya			
54	Dr. Daly Davis	Assoc. Prof. Polymerscience	SVD	
55	Dr. Harshali Patil	Assoc. Prof SKSC	Somaia vidyavihar University	
56	Dr. Deepiti Gupta			
57	Mr. Satish Kulkure			
58	Dr. Vandana Jamdhar	Assist Prof SKSC	SVD	
59	Dr. Rajesh Pansare			
60	Dr. Vajjayanti Ghase	Asst. prof SKSC	SVD	
61	Mr. Shekhar Phawade	Gr. clerk	KJSSSE	
62	Dr. Rohan Kothurkar	Asst. Prof.	SVD / KJSSSE	
63	Dr. Saranya Thaloor			
64	Mrs. Kavita Kumari Thakur			



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
65	Mr. Parag Sarode	Asst. Prof.	K. S. Somaia School of Engg.	
66	Ms. Mousmi Pawar			
67	Ms. Anushree Sukhi			
68	Ms. Minal Dive			
69	Mr. Deepak Bhatt			
70	Dr. Anant Kulkarni			
71	Mr. Hemant Waydande			
72	Dr. Jacinta George	Assistant Professor	Somaia Vidya Vihar University	
73	Dr. Rupali Patil			
74	Sohan Kulkarni	UG Student	SK Somaia school	
75	Dr. AVADHANVI	Adj Prof	SK Somaia Dept. Polym Sci	
76	Dr. Shanon Mathur	Mrs. Prof.	SK Somaia	
77	Dr. Teeli Jain	Assistant Prof.	SK Somaia college	
78	Dr. Ajay Gahankar	PG student	SK Somaia	
79	Sahil Lad	UG student	Sci SER	
80	Preelak Resai	Industry representative	Imagination	



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai

International conference on clinical translation of biomaterial-based therapeutics and devices (ICBTD 2025)

Venue: - Nalanda, SIMSR Building

Registration

Date: 6th February 2025

Sr. No	Name	Designation / Affiliation	Name of institute / Organization	Mobile No	Email Id	Signature
1	Dr. Biji Balakrishnan			9969086746	biji@somaia.edu	
2	Dr. Ramesh Lekurwale	Director IQAC	Somaia Vidya Vihar University	9869369543	rameshlekurwale@somaia.edu	
3	Dr. Seema Sambrani	HOB, Life Science, SVU	SVU	9328866455	seema.sambrani@somaia.edu	
4	Dr. A. V. Radhakrishnan	SVU	SVU	9448832133	avradhakrishnan@somaia.edu	
5	Dr. Vaibhav Narwane	Asso. Prof. Mech	SVU	9869761576	vsnarwane@somaia.edu	
6	Dr. Tressa Jacob	Asso. Prof. Biology	RESER - SVU	9860483784	tressa@somaia.edu	
7	Dr. Manoj Mishra	Asso. Prof.	RESER, SVU	576506046	mangj27@somaia.edu	
8	Dr. Swati Maurya	Asso. Prof.	SSBAAS	9892102209	swati.maurya@somaia.edu	
9	Dr. Daly Davis	Asso. Prof. Phys	SSBAs	975715014	daly@Somaia.edu	
10	Dr. Harshali Patil	Asso. Prof. ITCS	SKSC	9769791976	harshali.y.p@somaia.edu	
11	Dr. Deepthi Gupta			9871323508		
12	Mr. Satish Kurkure			7755920080	satishtkurkure@somaia.edu	
13	Dr. Vandana Jambhkar	Asst. Prof.	SVU	986916982		



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidyavihar University, Mumbai

Sr. No	Name	Designation / Affiliation	Name of institute / Organization	Mobile No	Email Id	Signature
14	Dr. Rajesh Pansare			9820524654	rajeshpansare@somaia.edu	
15	Dr. Vajayanti Ghase	Ass. prof	SKSC	8793289248	vajayanti.ghase@somaia.edu	
16	Mr. Shekhar Phawade	Sr. Clerk	KJSSCE	9920612493	shekhar.phawade@somaia.edu	
17	Dr. Rohan Kothurkar	Asst. Prof	KJSSCE	8087435758	r.kothurkar@somaia.edu	
18	Dr. Saranya Thaloor					
19	Mrs. Kavita Kumari Thakur			9768417948	kavitakumari.t@somaia.edu	
20	Mr. Parag Sarode	Asst. Prof.	K.S. Somaia School of Engg	8149221016	Parag.sarode@somaia.edu	
21	Ms. Mousmi Pawar	Asst. Prof	SK Somaia	7045352686	mousmi@somaia.edu	
22	Ms. Anushree Sukhni					
23	Ms. Minni Dive	Asst. Prof.	SK Somaia	9867125568	minni.d@somaia.edu	
24	Mr. Deepak Bhatt					
25	Dr. Anant Kulkarni	Asst. Prof	SKSC/SBAS	9742277620	anant.kulkarni@somaia.edu	
26	Mr. Hemant Waydande					
27	Dr. Jacinta George	Asst. Prof.	Somaia Vidyavihar University	9820899406	jacintateresa@somaia.edu	
28	Dr. Rupali Patil	Associate Prof.	KJSSCE	9820993651	rupalipatil@somaia.edu	
29	Dr. Sharon Mathur	Asst. Prof	SKSC	9833215706	sharon@soveia.edu	

30. De Trust Jini Faculty: SKSC 2 9560486558 pradijan@somaia.edu

Dr. Abhijeet Karmakar Asst. of KJ SSE 8082053887

abhijeet@sonaiya.edu.in

Dr. Ajay Gangrade Assoc. Prof. KJ SSE 8879463624

Prof. Soumyadip Ghosh Prof. S&T SSE 9714822443

ajayg@sonaiya.edu.in

soumyadip@sonaiya.edu.in



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaiya Vidyavihar University, Mumbai



Morning.

International Conference on Clinical Translation of Biomaterial-Based Therapeutics and Devices (ICBTBD 2025)

Day & Date: Friday 07th February 2025
Venue: Nalanda, SIMSR Building

Time: Afternoon Session (02:00 PM to 06:00 PM)

Attendance

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
1	Dr. Niveditha	Assistant Professor	Homi Baba State University, Maharashtra	
2	Dr. Sabnam Kar	DST Women Scientist	IIT Bombay	
3	Ms. Vaibhavi Shinde	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
4	Ms. Pratik Kale	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
5	Ms. Harshita Singh	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
6	Ms. Shriya Pradhan	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
7	Mr. Dimesh Kumar	Research Engineers	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	
8	Dr. Mini P O A	Assistant Professor	Kerala University	
9	Dr. Shalumon KT	Assistant Professor	Mahatma Gandhi University	
10	Dr. Manasi Mishra	Associate Professor	Dr. Vishwanath Karad MIT-World Peace University	
11	Mr. Bharat Bhandari	Director		
12	Dr. Maneka	Associate Editor	Springer Nature	



Somaia Vidya Vihar University, Mumbai

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
13	Dr. Arpita Ghosh	National Postdoctoral Fellow	IIT Bombay	
14	Ms. Srimidhi	Research Scholar	Indian Institute of Technology, Bombay (IITB)	
15	Ms. Senthil Rann Prabhhu	Research Scholar	Anna University	
16	Ms. Ranjita	Research Scholar	Rannarain Ruia Autonomous College	
17	Ms. Deepanshu Garg	Research Associate	AiSense LLP	
18	Ms. Vaishali R Gudda	Ph.D. Scholar	Amity University, Mumbai	
19	Ms. Sangeetha Suresh	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
20	Ms. Kripamol	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
21	Ms. Pranali	JRF and Ph.D. Scholar	Somaia Institute of Research and Consultancy	
22	Ms. Tejas Suryawanshi	Ph.D. Scholar	IIT Bombay	
23	Ms. Kothotte Anju Ashokan Sneha	Research Scholar	University of Mumbai	
24	Ms. Arpita	Research Scholar	IIT Bombay	
25	Ms. Vishvas	Research Scholar	K. J. Somaia College of Engineering	
26	Ms. Rupesh	Ph.D. Research Scholar	Somaia Vidya Vihar University	
27	Ms. Rutuja	Ph.D. Student	Somaia Vidya Vihar University	
28	Mr. Roshan Keshari		Indian Institute of Technology, Bombay	



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
29	Ms. Vibha <i>KUMAR</i>	M.Tech.-Ph.D.	Indian Institute of Technology, Bombay	<i>Vive</i>
30	Ms. Lakshmi Menon	Ph.D. Scholar	Institute of Chemical Technology	<i>Lakshmi</i>
31	Ms. Bhargavi Ajgaonkar	Ph.D. Scholar	Institute of Chemical Technology	<i>Bhargavi</i>
32	Ms. Divyanshi Kansal		MIT-WPU	
33	Ms. Anita		MIT World Peace University	
34	Ms. Sanskruti Jagadesh	Student	Somaia Vidya Vihar University	
35	Ms. Srishti	UG Student	S.K. Somaia College	
36	Ms. Pratiksha Hitendra Ahire	PG Student	IIT Ropar	<i>S.P.</i>
37	Ms. Surabhi Verma	UG Student	IIT Ropar Punjab	<i>Surabhi</i>
38	Ms. Anindita Sarkar	PG Student	Indian Institute of Technology Ropar	<i>Anindita Sarkar</i>
39	Mr. Ashwin	PG Student	Japan Advanced Institute of Science and Technology	
40	Mr. Ayanjeet	PG Student	Amity University Maharashtra, Mumbai (AUM)	<i>Ayanjeet</i>
41	Mr. Rashid	Student	Veermata Jijabai Technological Institute (VJTI)	
42	Mr. Simran	Student	Somaia University	<i>Simran</i>
43	Mr. Adithya		Somaia Vidya Vihar University	<i>Adithya</i>
44	Mr. Tanay Nitin More	UG Student	Somaia Vidya Vihar University	
45	Mr. Yash Panchal		Somaia Vidya Vihar University	
46	Dr. Biji Balakrishnan			<i>Biji</i>



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidyavihar University, Mumbai

Somaia
TRUST

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
47	Dr. Ramesh Lekurwale	Director IQAC	Somaia Vidyavihar University	
48	Dr. Seema Sambrani			
49	Dr. A. V. Radhakrishnan	<i>Faculty</i>	<i>SOMAIYA / SVU</i>	<i>AV</i>
50	Dr. Vaibhav Narwane			
51	Dr. Tressa Jacob			
52	Dr. Manoj Mishra	<i>SCISER</i>	<i>SVU</i>	<i>mish</i>
53	Dr. Swati Maurya			
54	Dr. Daly Davis	<i>Asso-Prof. Polymers Chem</i>	<i>SVU</i>	<i>DD</i>
55	Dr. Harshali Patil			
56	Dr. Deepti Gupta			
57	Mr. Satish Kulkure			
58	Dr. Vandana Jamdhar			
59	Dr. Rajesh Pansare			
60	Dr. Vaijayanti Ghase			
61	Mr. Shekhar Phawade			
62	Dr. Rohan Kothurkar			
63	Dr. Saranya Thaloor			
64	Mrs. Kavita Kumari Thakur			



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
65	Mr. Parag Sarode	Asst. Prof.	K.J. Somaia School of Engg.	
66	Ms. Mousmi Pawar			
67	Ms. Anushree Sukhi			
68	Ms. Minal Dive			
69	Mr. Deepak Bhatt			
70	Dr. Anant Kulkarni	Assistant Prof	CEBAI SSC / SBAS	
71	Mr. Hemant Waydande			
72	Dr. Jacinta George			
73	Dr. Rupali Patil			
74	Dr. Teeli Yaw	Assistant Professor	S K Somaia college	
75	Dr. Sharon Mathur	Assistant Professor	SSC	
76	Bhoomi Shevale	Student	SK SVU	
77	Nayana Sudharu	Student	ScisER	
78	Aarav Bavinakar	Student	ScisER	
79	Aditi Gupta	Student	KJ SSE	
80	Rohini Singh	Student	SVU	
81	Baham S	Speaker	ScisER	
82	Smriddi. A.	Student (Pg)	SK Somaia	

1) Vinit R. Pathak	6358137139	SIRAC	vinit.pathak@somaiya.edu
2) Dr. A. D. Kulkarni	9142272488	SIBAS	anant.kulkarni@somaiya.edu
3) Mrs. Aditi M. Chauhan	9664749087	SSBAS	chauhan.a@somaiya.edu
4) Mansi Gedi	956781150	SIRAC	mansi.gedi@somaiya.edu
5) Kavita Ghole	9930573307	SIRAC	k.ghole@somaiya.edu
6) Shweta Navale	9930183999	SIRAC	navale@somaiya.edu
F. Karable Sonali	9507140079	SSBAS	skr4@somaiya.edu
G. C.V. AVADHANI	Adj. Prof 8149702310	SKSC Dept. Polym Sci.	avadhani@somaiya.edu
H. Simran Lakshmi		SIRAC	simran.l@somaiya.edu



SOMAIYA
VIDYAVIHAR UNIVERSITY

~~ATTENDANCE~~ attendance.

Somaiya Vidyavihar University, Mumbai



International Conference on Clinical Translation of Biomaterial-Based Therapeutics and Devices (ICBTBD 2025)

Day & Date: Friday 07th February 2025
Venue: Nalanda, SIMSR Building

Time: Morning Session (09:00 AM to 01:00 PM)

Attendance

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
1	Dr. Niveditha	Assistant Professor	Homi Baba State University, Maharashtra	
2	Dr. Sabnam Kar	DST Women Scientist	IIT Bombay	Skar
3	Ms. Vaibhavi Shinde	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Shinde
4	Ms. Pratik Kale	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Pratik
5	Ms. Harshita Singh	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	Harshita
6	Ms. Shriya Pradhan	Research Executive	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	SP
7	Mr. Dinesh Kumar	Research Engineer	Kore Additive Manufacturing and Medical Reconstruction Pvt Ltd	D Kumar
8	Dr. Mini P O A	Assistant Professor	Kerala University	Mini P O A
9	Dr. Shalumon KT	Assistant Professor	Mahatma Gandhi University	Shalumon
10	Dr. Manasi Mishra	Associate Professor	Dr. Vishwanath Karad MIT-World Peace University	
11	Mr. Bharat Bhandari	Director		Bharat Bhandari
12	Dr. Maneka	Associate Editor	Springer Nature	M. I.



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
13	Dr. Arpita Ghosh	National Postdoctoral Fellow	IIT Bombay	
14	Ms. Srinidhi	Research Scholar	Indian Institute of Technology, Bombay (IITB)	
15	Ms. Senthil Ram Prabhu	Research Scholar	Anna University	
16	Ms. Ranjita	Research Scholar	Rannarain Ruia Autonomous College	
17	Ms. Deepanshu Garg	Research Associate	AiSense LLP	
18	Ms. Vaishali R Gudda	Ph.D. Scholar	Amity University, Mumbai	
19	Ms. Sangeetha Suresh	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
20	Ms. Kripamol	Ph.D. Scholar	Sree Chitra Tirunal Institute for Medical Sciences and Technology	
21	Ms. Prarati	JRF and Ph.D. Scholar	Somaia Institute of Research and Consultancy	
22	Ms. Tejas Suryawanshi	Ph.D. Scholar	IIT Bombay	
23	Ms. Kothotte Anju Ashokan Sneha	Research Scholar	University of Mumbai	
24	Ms. Arpita	Research Scholar	IIT Bombay	
25	Ms. Vishvas	Research Scholar	K. J. Somaia College of Engineering	
26	Ms. Rupesh	Ph.D. Research Scholar	Somaia Vidya Vihar University	
27	Ms. Rutuja	Ph.D. Student	Somaia Vidya Vihar University	
28	Mr. Roshan Keshari		Indian Institute of Technology, Bombay	



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
29	Ms. Vibha Kumar	M.Tech.-Ph.D.	Indian Institute of Technology, Bombay	
30	Ms. Lakshmi Menon	Ph.D. Scholar	Institute of Chemical Technology	
31	Ms. Bhargavi Ajaonkar	Ph.D. Scholar	Institute of Chemical Technology	
32	Ms. Divyanshi Kansal		MIT-WPU	
33	Ms. Anita		MIT World Peace University	
34	Ms. Sanskruti Jagadesh	Student	Somaia Vidyavihar University	
35	Ms. Srishti	UG Student	S.K. Somaia College	
36	Ms. Pratiksha Hitendra Ahire	PG Student	IIT Ropar	
37	Ms. Surabhi Verma	UG Student	IIT Ropar Punjab	
38	Ms. Anindita Sarkar	PG Student	Indian Institute of Technology Ropar	
39	Mr. Ashwin	PG Student	Japan Advanced Institute of Science and Technology	
40	Mr. Ayanjeet	PG Student	Amity University Maharashtra, Mumbai (AUM)	
41	Mr. Rashid	Student	Veermata Jijabai Technological Institute (VJTI)	
42	Mr. Simran	Student	Somaia University	
43	Mr. Adithya		Somaia Vidyavihar University	
44	Mr. Tanay Niin More	UG Student	Somaia Vidyavihar University	
45	Mr. Yash Panchal		Somaia Vidyavihar University	
46	Dr. Biji Balakrishnan	<i>Convenor</i>	<i>SNU</i>	



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaia Vidya Vihar University, Mumbai



Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
47	Dr. Ramesh Lekurwale	Director IQAC	Somaia Vidya Vihar University	
48	Dr. Seema Sambrani	Head, Dept. of Life Sciences	SNU	Seema Sambrani
49	Dr. A. V. Radhakrishnan			
50	Dr. Vaibhav Narwane			
51	Dr. Tressa Jacob	Asso. Prof.	Seiser, SNU	Tressa Jacob
52	Dr. Manoj Mishra			
53	Dr. Swati Maurya			
54	Dr. Daly Davis	Asso. Prof	Polymer Science SNU	Daly Davis
55	Dr. Harshali Patil	Asst. Prof	Somaia Vidya Vihar University	Harshali Patil
56	Dr. Deepthi Gupta			
57	Mr. Satish Kurkure			
58	Dr. Vandana Jamdhar			
59	Dr. Rajesh Pansare	Asst. Prof.	K. S. Somaia School of Engg	Rajesh Pansare
60	Dr. Vajjayanti Ghase			
61	Mr. Shekhar Phawade			
62	Dr. Rohan Kothurkar	Asst. Prof	ASSF	Rohan Kothurkar
63	Dr. Saranya Thaloor			
64	Mrs. Kavita Kumari Thakur			



SOMAIYA
VIDYAVIHAR UNIVERSITY

Somaiya Vidyavihar University, Mumbai

Somaiya
T R U S T

Sr No	Name	Designation / Affiliation	Name of Institute / Organization	Signature
65	Mr. Parag Sarode	Asst. Prof.	K.J. Somaiya School of Engg	
66	Ms. Mousmi Pawar			
67	Ms. Anushree Sukhi			
68	Ms. Minal Dive			
69	Mr. Deepak Bhatt			
70	Dr. Anant Kulkarni	Asst Prof -	SSBAS / SKSC	
71	Mr. Hemant Waydande			
72	Dr. Jacinta George			
73	Dr. Rupali Patil			
74	Dr. Sharon A. Mathur	Ks. Professor	SKSC	
75	Dr. Teeli Jaisi	Asst. Professor	SK Somaiya college	
76	Sandeep Chopade	Asst. Professor	KJ SSE	
77	Soumyadeb Chakraborty	Prof	Sci. SER	

Pringku. K. Pahl - 932444934 - MSc IBT - Part I

2) Bhirny H. Padel - 985994441 - MSc IBT - Part I

3) vaishnavi D. Bejore - 843537152 - msc IBT - Part I

4) Riddhish Kavalhar - 9004815622 - MSc IBT - Part I

5) Dikshi P. Barne - 9321265052 - MSc IBT - Part I

6) Radhika P. Atharekar - 9820141429 - MSc IBT - Part I

7) Nash A. Badam - 9659836381 - MSc IBT - Part I

8) Aarushi. P. Phadnis - 7506107392 - MSc IBT - Part I

9. Sonali R. Kumbale - 7507140079 - JRF Polymer Science

10) Shweta Nalwad - 9930183999 - JRF SIRA

11) Muskhela Shyankar - 990081675 - JRF Polymer Science

12) V. Avasthani - Adj Prof - Dept. Polym. Sci.

Morning session