



International Symposium - cum - Workshop
on

INNOVATIONS IN TRANSLATIONAL THERAPY AND TARGETED DRUG DELIVERY (ITTD-2025)

**1st to
4th
September
2025**

***Time: 9:00 am
onwards***

*Birla Institute of Technology and Science
Hyderabad campus, India*

AGENDA

BRIDGING THE GAP BETWEEN
ACADEMIC KNOWLEDGE AND
INDUSTRY EXPECTATIONS THROUGH
EXPERT-LED INSIGHTS AND
DISCUSSIONS, AIMING TO
EMPOWER PARTICIPANTS WITH
CUTTING-EDGE ADVANCEMENTS AND
EMERGING TRENDS IN
PHARMACEUTICAL RESEARCH,
PARTICULARLY IN TRANSLATIONAL
THERAPY AND TARGETED DRUG
DELIVERY.

ittd@hyderabad.bits-pilani.ac.in

PLENARY SPEAKERS



Prof. Adam Mechler

*Professor
La Trobe University
Australia*



Prof. Jimmy Hsia

*Professor
Nanyang Technological University
Singapore*



INVITED SPEAKERS



Dr. Saurabh Srivastava

*Associate Professor
NIPER, Hyderabad*



Dr. Sarit Agasti

*Associate Professor
JNCASR, Bengaluru*



Dr. NagendraBabu Bathini

*Principal Scientist
CSIR-IICT, Hyderabad*



Prof. Gyan Modi

*Assistant Professor
IIT-BHU, Varanasi*



Dr. Sampa Sarkar

*Research fellow
RMIT University, Australia*



Dr. Vamsi Madgula

*Senior Director, Head of DMPK and non-GLP
Toxicology services
Sai LifeSciences*



Dr. Omkara Swami Muddineti

*Senior Scientist
Nexus Pharmaceuticals LLC, Illinois*



Dr. Mukesh Gandhari

*Director- Preclinical Testing
Palamur Biosciences, Hyderabad*

... and many more

Panel discussions, real stories, and insider advice—straight from the professionals.

CHIEF PATRON



Prof. V. Ramgopal Rao

*Vice Chancellor
BITS Pilani*



Prof. Soumyo Mukherji

*Director
BITS Pilani, Hyderabad Campus*



Prof. P. Yogeeswari

*Dean, Administration
BITS Pilani, Hyderabad Campus*

ADVISORY COMMITTEE



Prof. Arti Dhar

*HOD- Department of Pharmacy
BITS Pilani, Hyderabad Campus*



Prof. Sounak Roy

*SPARC - Campus Co-ordinator
Dean- GCIR
BITS Pilani, Hyderabad Campus*



Prof. Swati Alok

*Associate Dean- GCIR
BITS Pilani, Hyderabad Campus*

ORGANIZING COMMITTEE



Prof. Swati Biswas

*Department of Pharmacy
BITS Pilani, Hyderabad Campus*



Prof. Balaram Ghosh

*Department of Pharmacy
BITS Pilani, Hyderabad Campus*

STUDENT CO-ORDINATORS

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About SPARC and TTCI 2024

The Scheme for Promotion of Academic and Research Collaboration (SPARC) is a prestigious initiative by the Ministry of Human Resource Development, Government of India, aimed at enhancing India's higher education research ecosystem by promoting collaborative projects between leading Indian and globally ranked international institutions. It facilitates research partnerships, faculty and student exchanges, and fosters exposure to international research practices.

Looking back at a memorable event!

The SPARC-sponsored ***International Symposium cum Workshop on Translational Therapies for Cancer and Infections (TTCI-2024)***, held on July 22-24, 2024, was a remarkable success. The event brought together global experts to discuss advancements in cancer and infection therapies.

We had the privilege of hosting Prof. Jimmy Hsia (Nanyang Technological University, Singapore) and Prof. Adam Mechler (La Trobe University, Australia), who presented pioneering work in biomaterials, nanotechnology, and drug delivery. Their talks inspired engaging discussions and paved the way for future collaborations.

The event also featured a two-day workshop offering hands-on training in techniques like nanoparticle characterization, cytotoxicity assays, confocal imaging, FACS analysis, and in vivo animal studies.

Gratitude to BITS Pilani, Hyderabad Campus, the SPARC initiative, and everyone who contributed to making TTCI-2024 a truly impactful and memorable event!

We are delighted to announce that the second edition of this conference, once again supported by SPARC, is on the horizon. We eagerly invite you all to join us in making it an even greater success through your participation, knowledge-sharing, and collaborative spirit. We look forward to welcoming you to another enriching academic gathering!



About BITS Pilani

BITS Pilani is a Deemed-to-be University, recognized as an Institute of Eminence by the Ministry of Education, Government of India, in 2020. It is currently offering on-campus programmes to more than 18,500 students across its campuses in Pilani, Goa, Hyderabad, Mumbai, and Dubai. BITS has been ranked 188 in QS Asia University Rankings 2023, the only private institute from India in Asia Top 200. Further, BITS Pilani has been ranked among the top 300 in QS World University Graduate Employability Rankings 2022 and within the top 8 in India. The university is committed to innovation, excellence, and merit-based admissions. It prioritizes research, with faculty securing over ₹398 crore funding over the past five years. Entrepreneurial success is also a hallmark of BITS Pilani, with 14 BITSian unicorns, 1 decacorn, and over 7500 founders and co-founders of various enterprises

PRESENT YOUR RESEARCH WORK

Topic of Interest

- *Nanocarriers in Drug Delivery*
- *Cell Therapy and Immunotherapy*
- *Antibody-drug conjugates*
- *Prodrugs*
- *Advanced Drug Delivery Systems*
- *Novel and functional Polymers for Healthcare*
- *Antimicrobial Peptides for AMR*
- *Drug Discovery*
- *Biomaterials for tissue engineering*

SUBMISSION GUIDELINES

Abstracts should be 250 words or less and must provide a clear overview of the research objectives, methodology, and key findings.	The title should be in bold case, font size 14. and full authors' names followed by their affiliation, Times New Roman, font size 12	The Presenting author must be registered for the conference	All submissions will undergo a rigorous review process to ensure quality and relevance.
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IMPORTANT DATES

Abstract Submission Deadline	20th August, 2025
Notification of Abstract Acceptance	22nd August, 2025
Deadline for Registration	25th August, 2025
Conference Date	1st and 2nd September, 2025

REGISTRATION FEE (Conference)	
Student	Rs. 2000/-
Faculty	Rs. 4000/-
Industry	Rs. 10000/-
*GST applicable	

Please note that the workshop registration will be done separately for 3rd and 4th September 2025

IMPORTANT LINKS

Abstract Submission	https://forms.gle/hRe2VcL32Kxr5sQa9
Conference Registration	https://forms.gle/KWkpK77dEstusAdR6

Workshop overview

Objective

The workshop on “Innovations in Translational and Targeted Drug Delivery” (ITTD-2025) is designed to provide a focused and dynamic platform for scholars and academicians engaged in targeted drug delivery and translational sciences. This intensive program will offer demonstration-based training in cutting-edge translational research methodologies, enabling participants to deepen their understanding of recent advances in therapeutic strategies. Exposure to world-class facilities and state-of-the-art instrumentation will foster interdisciplinary collaboration and skill enhancement. By addressing key challenges in translating laboratory findings into clinical applications, the workshop aims to elevate the scientific aptitude of participants and empower them to contribute effectively to the evolving landscape of drug delivery and translational medicine.

Hands-on training and real time demonstration modules

- Physico-chemical characterization of nano-formulations by UV, FTIR, HPLC, GPC, DLS, FE-SEM.
- Laser Scanning Confocal Microscope (LSCM)
- FACS (Cellular Uptake assay)
- RT-PCR
- Training on mammalian cell culture (cytotoxicity assay)
- In-vivo animal handling - IVIS Imaging



3rd and 4th September, 2025



BITS Pilani, Hyderabad Campus, India



9:00 AM Onwards



LIMITED SEATS FOR
WORKSHOP AND
ORAL PRESENTATION

REGISTRATION FEE (Workshop)

Student	Rs. 3000/-
Faculty	Rs. 5000/-
Industry	Rs. 10000/-

*GST applicable

Workshop Registration: <https://forms.gle/qvBae9dFPazmbsUr9>

Local Highlights



RAMOJI FILM CITY

Ramoji Film City is an integrated film studio facility located in Abdullahpurmet, Hyderabad, India. Spread over 1,666 acres, it is the largest film studio complex in the world and as such has been certified by the Guinness World Records.



SHRI JAGANNATHA SWAMI TEMPLE

Shri Jagannatha Swami Temple, situated in Banjara Hills, Hyderabad, is a contemporary Hindu temple devoted to Lord Jagannath, the Lord of the Universe. Built by the Odia community, the temple is crafted from red sandstone and showcases the traditional shikhara architectural style.



CHOWMAHALLA PALACE

Chowmahalla Palace, located in the heart of Hyderabad, was the official residence of the Nizams and a center of royal power and grandeur built in the 18th century. Known for its elegant courtyards, ornate halls, and vintage car collection, it offers a glimpse into the opulent lifestyle of the Nizams and remains a prominent cultural and historical attraction in the city.



WONDERLA AMUSEMENT AND THEME PARK

It is one of the top attractions for families and thrill-seekers alike. Opened in April 2016, it's the third park in India under the Wonderla brand and features approximately 46 thrilling rides, including 28 land attractions and 18 water adventures.



SHILPARAMAM

Shilparamam, located in Madhapur near HITEC City in Hyderabad, is a vibrant arts and crafts village spread over approximately 65 acres. Established in the early 1990s by the state government to preserve India's rich handicraft traditions, it features a permanent Crafts Bazaar, a rural museum with life-size traditional huts, a rock garden, sculpture park, cultural performances, and seasonal festival events.