

One-Day Workshop on Biomedical Innovations: An Awareness Program for Empowerment of SC/ST Candidates

4th Mar 2025

Organized by Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Thiruvananthapuram & National Academy of Sciences India (NASI) – Kerala Chapter

The One-Day Workshop on Biomedical Innovations: An Awareness Program for Empowerment of SC/ST Candidates was successfully held on 4th March 2025 at the Biomedical Technology Wing, SCTIMST. Organized in collaboration with the National Academy of Sciences India (NASI) – Kerala Chapter, the event aimed to enhance awareness among SC/ST candidates across Kerala about advancements in biomedical sciences and innovations while providing insights into career opportunities in science, technology, engineering, and medicine (STEM).

This workshop brought together SC/ST candidates from undergraduate, postgraduate, and PhD levels, as well as project staff, for an engaging day of expert lectures, interactive discussions, and laboratory visits. The program was designed to:

- Bridge the knowledge gap in biomedical innovations for SC/ST candidates.
- Foster diversity and inclusivity in STEM fields.
- Provide exposure to career pathways and opportunities in biomedical sciences.
- Offer practical exposure through visits to cutting-edge laboratories at SCTIMST.

Key highlights of the workshop include:

- *Expert Talks:*
 - Renowned experts, including Dr. Manoj Komath (SCTIMST, Thiruvananthapuram) and Dr. Jaya Jacob (KSCSTE, Thiruvananthapuram), delivered insightful lectures on biomedical innovations and career opportunities for SC/ST candidates. They shared global perspectives, research advancements,

and inspirational career journeys, encouraging participants to explore new frontiers in research and innovation.

- *Laboratory Visits:*
 - Participants were given an exclusive tour of state-of-the-art laboratories at the Biomedical Technology Wing, where they explored cutting-edge technologies in biomaterials and medical device development. The hands-on exposure to high-tech equipment and ongoing research projects sparked significant interest among attendees.
- *Interactive Session:*
 - A dedicated interactive session with PhD scholars and staff from the BMT Wing provided participants with a platform to ask career-related questions. Discussions emphasized the significance of networking, internships, and research opportunities for building a strong foundation in STEM fields.
- *Inclusion of SC/ST Candidates:*
 - The workshop was exclusively designed to support SC/ST candidates from various educational backgrounds. By adopting an inclusive approach, the event aimed to empower participants and inspire greater participation in STEM fields.

Feedback collected through structured forms indicated that participants found the workshop highly informative and engaging. All attendees rated the content as outstanding, with a majority stating that the program significantly increased their awareness of career opportunities in biomedical sciences. Many expressed gratitude for the initiative's focus on SC/ST empowerment and appreciated the welcoming and supportive learning environment.

In summary, the One-Day Workshop on Biomedical Innovations successfully met its objectives of empowering SC/ST candidates, bridging knowledge gaps in biomedical sciences, and promoting inclusivity in STEM. The event inspired curiosity and enthusiasm among participants while offering valuable insights into biomedical innovations.

The organizers extend their sincere gratitude to all expert speakers, participants, and the support team for their contributions in making this workshop impactful. Special thanks to NASI – Headquarters and the Kerala Chapter for their generous support. A special acknowledgment to

Dr. Vijayan Menon (President) and Dr. Deepu Mathew (Secretary) of NASI – Kerala Chapter for their unwavering commitment to fostering scientific knowledge and inclusivity in education. Their support played a crucial role in providing SC/ST candidates with a platform to explore biomedical advancements and pursue careers in STEM. We deeply appreciate their dedication to empowering students and advancing scientific research in India.





Warm regards

Dr. Naresh Kasoju (Organizing Secretary) & Dr. Renjith S (Co-Organizing Secretary)
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