

## **Thematic Areas:**

1. Targeted and stimuli-responsive drug delivery.
2. Ultrasensitive biosensing and in vitro diagnostics.
3. Multi-modal in vivo bio imaging and Nanotheranostics
4. Nanoradiopharmaceuticals.
5. Tissue engineering and regenerative medicine.
6. Nanotoxicology.
7. Nanomaterials in agriculture and crop protection.
8. Nanorobotics in healthcare applications.
9. Clinical trials using nanomaterials.
10. Social, ethical and policy aspects related to nanomaterials.
11. Nanomaterials in food and cosmetics.
12. Public awareness and societal impact of nanomedical sciences.
13. Aspects of macromolecular chemistry.
14. Structural biology.
15. Nucleic acids: structure, function & interactions and Proteins: structure, functions & interactions.
16. Artificial cells, tissues and other biological components.
17. Genomics, proteomics, lipidomics, metabolomics, and personalized medicine.
18. Microbiome, prebiotics, probiotics and human health.
19. Nanobiotechnology for defense forces.
20. Herbal Nanomedicine.
21. Material Sciences.