FGSTEMH2024 aims to explore strategies for optimizing the impact of innovations on industry and governance, thereby contributing to economic development and societal well-being. The outcomes from this valuable synergy have the potential to shape policies, influence practices, transform societies and contribute to a more sustainable and healthier planet. It is not merely a gathering of minds but a collective endeavor to shape a better, more sustainable future through the integration of knowledge and ideas across disciplines. FGSTEMH2024 is poised to be a milestone in the journey towards a more interconnected, innovative, and sustainable global society.