

Conference on Recent Trends in Science, Technology and Innovation
(RTSTI-2025)

Time	Activities		
Day 1	19 March, 2025		
7:00	Registration		
7:30	Breakfast at Pokhara Event Center		
09:00 - 10:00	Inaugural Session Hall: SAGARMATHA		
9:00	Chairing		
		Chair	Prof. Dr. Bed Raj KC, Vice Chancellor, Pokhara University
		Chief Guest	Honb'e Dilli Raj Bhatt, Chief of Province, Gandaki Province
		Participants	Keynote, Plenary, Invited, Oral, Poster, Special guests, Participants, Media
		Master of Ceremony	Dr. Deepanjal Shrestha
9:05		Welcome address	Prof. Dr. Dipak Bahadur Bhandari, Registrar, Pokhara University, Nepal
9:10		Inauguration	Lighting the Lamp followed by National Anthem
9:15		Conference overview	Dr. Namraj Dhami, Convener
		Inaugural remarks	
9:20		Inaugural remarks	Prof. Dr. Bijaya Pant, Central Department of Botany, Tribhuvan University, Academician, National Academy of Science and Technology, Nepal
9:25		Inaugural remarks	Prof. Dr. Krishnan Sankaran, Anna University, Chennai, India
9:30		Inaugural remarks	Prof. Dr. Pradip Gyawali, Vice Chancellor, Madan Bhandari Academy of Health Sciences
9:35		Inaugural remarks	Prof. Dr. Nab Raj Devkota, Vice Chancellor, Gandaki University, Nepal

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9:40		Inaugural remarks	Prof. Dr. Barry James Pogson, Australian National University, Australia
9:45		Inaugural remarks	Prof. Dr. A. B. M. Obaidul Islam, Vice Chancellor, Bangladesh Open University
9:50		Opening Keynote	Prof. Dr. Bed Raj KC, Vice Chancellor, Pokhara University The Role of Universities in Enhancing Science, Technology and Innovation for
10:20		Inaugural remarks	Chief Guest: Honb'e Dilli Raj Bhatt, Chief of Province, Gandaki Province
10:30		Closing remarks	Chair: Prof. Dr. Bed Raj KC, Vice Chancellor, Pokhara University
10:40	Photo session		
11:00	Break		
Keynote Session 1 Hall: SAGARMATHA Chair: Prof. Dr. Bed Raj KC Rappoteur: Dr. Khem Raj Joshi			
11:30	Keynote 1	A. B. M. Obaidul Islam	The Role of Partnerships in Fostering Regional Innovation through Distance Learning
12:00	Keynote 2	Barry James Pogson	Integrating Modern Plant Breeding Technologies into the global food system
12:30 - 13:30	LUNCH Break		
Keynote Session 2 Hall: SAGARMATHA Chair: Prof. Dr. A. B. M. Obaidul Islam Rappoteur: Dr. Suresh Jaiswal			
13:30	Keynote 4	Pradip Gyawali	Ethics in Clinical Research
14:00	Keynote 5	Bijaya Pant	Plant Tissue Culture Technology: Innovation to Industry for the National Prosperity

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14:30	Break		
15:00 - 17:00	Technical Session 1 Hall: SAGARMATHA Theme: Health and Medical Sciences Chair: Prof. Dr. Pradip Gyawali Rapporteur: Dr. Parbati Thapa		
15:00	Plenary talk	Dev Raj Joshi	Environmental Antibiotic Resistance: A Public Health Threat
15:20	Invited talk	Balmukunda Regmi	Multi-Omics Study of Tibetan <i>Desmodesmus</i> sp. Novel Species & Wastewater Treatment
15:35	Oral talk	Nuwadatta Subedi	Minimally Invasive Tissue Sampling for Perinatal Deaths
15:45	Oral talk	Nim Bahadur Dangi	Health-Related Quality of Life in Type 2 Diabetes Patients in Kaski
15:55	Oral talk	Hemanta Khanal	Comparative Genomics Analysis of <i>Shigella</i> and <i>E. coli</i> Diarrheal Pathotypes
16:05	Oral talk	Diksha Dahal	Multidrug-Resistant MRSA in Wastewater
16:15	Oral talk	Suman SK	Hypervirulent <i>Klebsiella pneumoniae</i> in Sewage and Rivers
16:25	Discussion/Q&A/Summary		
16:30	Break		
	End of Day 1		
Technical Session 3 Hall: MACHAPUCHURE Theme: Biological Science, Biotechnology and Bioinformatics Chair: Prof. Dr. Bijaya Pant Rapporteur: Dr. Shiva Devkota			
15:00	Plenary talk	Lok Ranjan Bhatt	Potential of Wild Food Plants as Nutraceuticals

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15:20	Invited talk	Umesh Raj Thapa	Phylogeny & Antibiotic Resistance of E. coli in Surface Water
15:30	Oral talk	Durga Karki	Response of Carotenoid Metabolism Genes to Drought Stress
15:40	Oral talk	Krishna Chand	Growth-Promoting Activities of Orchid Endophytes
15:50	Oral talk	Sagar Aryal	Isolation & Characterization of Novel Actinomycetes
16:00	Oral talk	Dinju Manandhar	Detection of Influenza Virus in River Water in Nepal
16:10	Oral talk	Utsav Dahal	Enhancing <i>Pediococcus</i> Growth Using <i>Chlorella</i> Biomass
16:20	Discussion/Q&A/Summary		
16:30	Break		
	End of Day 1		
Technical Session 4 Hall: ANNAPURNA Theme: Food and Agricultural Sciences Chair: Prof. Barry J Pogson Rapporteur: Dr. Babita Paudel			
15:00	Plenary talk	Mohammad Jahangir Alam	Association Between Rural Transformation and Land Inequality for Sustainable Development in Bangladesh
15:20	Invited talk	Ismat Ara Begum	How Do Livestock Extension Services Contribute to Food Security in the Southern Delta Region of Bangladesh?
15:35	Oral talk	Md. Serazul Islam	Enhancing Cherry Tomato Growth and Yield through Deficit Drip Irrigation and Organic Mulching Strategies
15:45	Oral talk	Manita Shyaula	Development of improved strains of <i>Pleurotus ostreatus</i> with shorter harvesting period and higher yield
15:55	Oral talk	Urmila Dhami	Rice trend in Nepal: Declining area, growing imports, and a call for action

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16:05	Oral talk	Elina Maharjan	Combined insecticidal effect of rhizospheric <i>Bacillus</i> strains against <i>Drosophila melanogaster</i>
16:15	Oral talk	Rajaram Khang Khatbe	Determination of Mycotoxin in Major Crops and Identification of Aflatoxin-Producing Genes in Mold
16:25	Discussion/Q&A/Summary		
16:30	Break		
	End of Day 1		