

# Third GSN International Conference

## 23-25 January 2024

Venue: Centurion University of Technology and Management  
Bhubaneswar Campus, Odisha



Creating Responsible Professionals for Advancing SDGs:  
Inputs from Global North and South

### Programme Schedule



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## DAY 1 - 23 JANUARY 2024 (TUESDAY)

TIME	ACTIVITY
9:00 – 10:00 am	<b>Arrival and Registration</b> (Main Lobby of Aryabhata Building)
10:00 – 10:15 am	<b>Acknowledgements, Announcements, GSN Video</b> (Venue: Hall No-06, Aryabhata Building)
10:15 – 10:30 am	<b>Welcome by Conference Hosts (CUTM and Curtin University)</b> (Venue: Hall No-06, Aryabhata Building)
10:30 – 10:40 am	<b>Opening of the Conference – VC, Centurion University</b> (Venue: Hall No-06, Aryabhata Building)
10:40 - 11:00 am	<b>Plenary Session: VC, Centurion University of Technology and Management / Smita Mishra Panda</b> (Venue: Hall No-06, Aryabhata Building)
11:00 – 11:15 am	<b>MORNING TEA</b>
11:15 – 12:00 pm	<b>Keynote: Prof. Shahed Khan, Adjunct Professor, Curtin University, Australia*</b> <b>SDG: Between Setting Goals and Assuming Responsibilities</b> (Venue: Hall No-06, Aryabhata Building)
12:00 - 1:30 pm	<b>Panel Discussion: Addressing Institutional Challenges and Gaps: A Strategic Dialogue for Advancing Sustainable Development Goals (SDG)</b> <b>Sangeetha Purushothaman, Founder and Director of Best Practices Foundation, India; Haribandhu Panda, Director, Klorofeel Foundation, India; Aurobindo Behera, IAS (Retd.), President, Citizen for Good Governance, Odisha</b> (Venue: Hall No-06, Aryabhata Building)
1:30 – 2:30 pm	<b>LUNCH</b>
<b>Session 1 (A): Sustainable Waste Management and Green Technologies (Chair: Rajendra Kumar Khadanga)</b> <b>Venue: Room No- 05 (Aryabhata Building)</b>	
2:30 – 2:40 pm	<b>Empowering Clean Energy Entrepreneurs for Sustainable Rural Transformation in South Odisha</b> <i>Shiv Sankar Das, Debashree Debadatta Behera and Adarsh Rath - Centurion University of Technology and Management, Odisha, India and Klorofeel Education Association, Odisha</i>
2:40 – 2:45 pm	Q/A
2:45 – 2:55 pm	<b>Synergizing Science and Sustainability: Photocatalytic Applications of Metal Oxide based Nano Composites for Sustainable Environmental Remediation</b> <i>Amrita Palai and Dojalisa Sahu - Centurion University of Technology and Management, Odisha, India</i>
2:55 – 3:00 pm	Q/A
3:00 – 3:10 pm	<b>Electrospun Polyacrylonitrile Based ZnO@Ag Hybrid Composite Nanofibers for Removing Toxic Dyes from Drinking Water</b> <i>Sradhanjali Raut and Shraban Kumar Sahoo - Centurion University of Technology and Management, Odisha, India</i>
3:10 – 3:15 pm	Q/A
3:15 – 3:25 pm	<b>Growth and Automation of Agriculture with Robotics Application</b> <i>Jyotirmayee Behera, Ashish Ranjan Dash and Harish Chandra Mohanta - Centurion University of Technology and Management, Odisha, India</i>
3:25 – 3:30 pm	Q/A
3:30 – 3:40 pm	<b>Transition to Net Zero Emissions: Residential Buildings in Western Australia</b> <i>Tahmina Ashen, Jessica Breadsell and Mike Mouritz - Curtin University, Australia</i>
3:40 – 3:45 pm	Q/A
<b>Session 1 (B): Sustainable Waste Management and Green Technologies (Chair: Atiq Zaman)</b> <b>Venue: Board Room (Aryabhata Building)</b>	
2:45 – 2:55 pm	<b>Zero Waste Across Borders: North-South Insights and Learning</b> <i>Atiq Zaman - Curtin University, Australia</i>
2:55 – 3:00 pm	Q/A
3:00 – 3:10 pm	<b>A Study of Implementation of Waste Management for Sustainability by Stree Mukti Sanghatana*</b> <i>Mrinali Tikare, Sandeep Nemlekar, Siddhi Jagdale, Nandita Mishra, Anuja Joshi and Akhilesh Yadav – Chetana's Institute of Management and Research, India</i>
3:10 – 3:15 pm	Q/A
3:15 – 3:25 pm	<b>Implementation of Sustainable Development Goals in Solar PV Value Chain and End-of-Life Management Practices*</b> <i>Zahra Amrollahi Biyouki - Curtin University, Australia</i>
3:25 – 3:30 pm	Q/A
3:30 – 3:40 pm	<b>Enhancing Plastic Circularity through Holistic Quality and Traceability Protocols for the Supply Chain*</b> <i>Benjamin Gazeau, Roberto Minunno, Atiq Zaman and Faiz Shaikh - Curtin University, Australia</i>
3:40 – 3:45 pm	Q/A
3:45 – 4:00 pm	<b>AFTERNOON TEA</b>
4:00 – 5:00 pm	Poster Presentation (Main Lobby of Aryabhata Building)

## DAY 2 - 24 JANUARY 2024 (WEDNESDAY)

TIME	ACTIVITY
9:00 – 10:00 am	<b>Arrival and Registration</b> (Main Lobby of Aryabhata Building)
10:00 – 10:45 am	<b>Keynote: Prof. Syed E. Hasan, Professor Emeritus, University of Missouri, USA</b> <b>Role of Waste Management in Attaining Sustainable Development Goals</b> (Venue: Hall No-06, Aryabhata Building)
10:45 – 11:15 am	<b>MORNING TEA</b>
11:15 - 12:15 pm	<b>Panel Discussion: Charting the Path Forward: Strategy and Partnerships for Accelerating SDG Implementation</b> <b>Shashank Grahacharjya, Director, Centre for Good Governance, GAA, Odisha; Jagadananda, Mentor and Co-Founder, CYSD, Odisha; Dr. Henrique Pacini, Economist at United Nations Conference on Trade and Development (UNCTAD)</b> (Venue: Hall No-06, Aryabhata Building)
<b>Session 2 (A): Social Inclusion and Governance – Participation, Empowerment, Gender and Financial Inclusion Rights (Chair: Smita Mishra Panda)</b> <b>Venue: Board Room (Aryabhata Building)</b>	
12:15 – 12:25 pm	<b>Sustainable Livelihood Security through Employability and Entrepreneurship Development: Attaining SDGs in India</b> <i>Smita Mishra Panda - Centurion University of Technology and Management, Odisha, India</i>
12:25 – 12:30 pm	Q/A
12:30 – 12:40 pm	<b>Capacity Building of Grassroots Functionaries in Federations towards Advancing the Sustainable Development Goals</b> <i>Sangeetha Purushothaman, Shubha Chacko, Prasanthi P and Preethi Krishnan – Best Practices Foundation, India</i>
12:40 – 12:45 pm	Q/A
12:45 – 12:55 pm	<b>Assessing the Employment Status of Transgender Persons in Odisha in Light of SDGs and the Constitutional Obligations</b> <i>Ramnwesh Kumar and Pallab Das - Centurion University of Technology and Management, Odisha, India</i>
12:55 – 1:00 pm	Q/A
1:00 – 1:10 pm	<b>How Thamarrurr Youth in Australia and Centurion University in India are redefining quality education, reduced inequalities and inclusivity in institutions</b> <i>Rebecca Crawley - Thamarrurr Youth Indigenous Corporation, Australia</i>
1:10 – 1:15 pm	Q/A
1:15 – 1:25 pm	<b>Responsible Entrepreneurs towards Environment Sustainability in South Odisha</b> <i>M. Sudarshan Rao and Anita Patra - Centurion University of Technology and Management, Odisha, India</i>
1:25 – 1:30 pm	Q/A
<b>Session 2 (B): Sustainable Health and Future Medical Technologies (Chair: Soumya Jal)</b> <b>Venue: Room No- 05 (Aryabhata Building)</b>	
12:15 – 12:25 pm	<b>Lead Phytomolecules for Novel Anticancer Drug Development: A Sustainable Strategy towards Good Health and Well-being</b> <i>Sanjoy Majumder, Rutupurna Das and Gagan Kumar Panigrahi - Centurion University of Technology and Management, Odisha, India</i>
12:25 – 12:30 pm	Q/A
12:30 – 12:40 pm	<b>The Digital Transformation of Health Care: Exploring the Factors Shaping the Adoption of Digital Health Records using Technology Acceptance Model</b> <i>Susanta Kumar Swain and Ansuman Jena - Centurion University of Technology and Management, Odisha, India</i>
12:40 – 12:45 pm	Q/A
12:45 – 12:55 pm	<b>Drug Repurposing to Mitigate Co-occurrence and Potential Risks of Atherosclerosis and Rheumatoid Arthritis in Obsessed Conditions: A Network-Based Analytics Study</b> <i>Sangeeta Chhotaray, Kanika Verma and Soumya Jal - Centurion University of Technology and Management, Odisha, India</i>
12:55 – 1:00 pm	Q/A
1:00 – 1:10 pm	<b>Study on Indicators for Creating Responsible Professionals in a Disruptive Technology</b> <i>Chinmaya Kumar Dash - Centurion University of Technology and Management, Odisha, India</i>
1:10 – 1:15 pm	Q/A
1:15 – 2:15 pm	<b>LUNCH</b>
<b>Session 3: Integrating Sustainability into Education (Chair: Prajna Pani)</b> <b>Venue: Board Room (Aryabhata Building)</b>	
2:15 – 2:25 pm	<b>Climate Change – A Priority Call to Make*</b> <i>Saria Tasnim - Curtin University, Western Australia</i>
2:25 – 2:30 pm	Q/A
2:30 – 2:40 pm	<b>Indigenous Spatial Data Sovereignty: Mapping Dwoort Baal Kaat*</b> <i>Samya Jabbour - Curtin University, Western Australia</i>
2:40 – 2:45 pm	Q/A
2:45 – 2:55 pm	<b>Responsibility Redefined: The Confluence of AI and Soft Skills</b> <i>Swapnankita and Prajna Pani - Centurion University of Technology and Management, Odisha, India</i>

2:55 – 3:00 pm	Q/A
3:00 – 3:10 pm	<b>Integrating Sustainable Development Themes into English Language Curriculum for Quality Education</b> <i>Biraja Das and Prajna Pani - Centurion University of Technology and Management, Odisha, India</i>
3:10 – 3:15 pm	Q/A
3:15 – 3:25 pm	<b>Shaping Tomorrow's Leaders: Teacher Competencies and Responsible Practices in the Global Pursuit of SDG-4</b> <i>Sikha Nayak and Prajna Pani - Centurion University of Technology and Management, Odisha, India</i>
3:25 – 3:30 pm	Q/A
3:30 – 3:40 pm	<b>The Critical Imperative of Higher Education: Education for SDG Professionals: An Indian and Australian Case Study</b> <i>Jen Dollin - Western Sydney University, Australia</i> <i>Nitesh Dhar Badgayan - Centurion University of Technology and Management, Odisha, India</i>
3:40 – 3:45 pm	Q/A
3:45 – 3:55 pm	<b>Establishing a Framework of Responsible Professional Conduct for Quality Education: A Holistic Approach for Under Developed African Countries</b> <i>Satyasis Mishra and Nitesh Dhar Badgayan - Centurion University of Technology and Management, Odisha, India</i>
3:55 – 4:00 pm	Q/A
<b>Session 4: Sustainable Urban Planning and Community Development (Chair: Sangeetha Purushothaman)</b> <b>Venue: Room No- 05 (Aryabhata Building)</b>	
3:15 – 3:25 pm	<b>Impacts of Covid-19 Pandemic on Perceived Ecosystem Services of Urban Parks: A Study of Western Australian Capital City</b> <i>Mohammad Shahidul Hasan Swapan - Curtin University, Western Australia</i>
3:25 – 3:30 pm	Q/A
3:45 – 3:55 pm	<b>Equipping Higher Education Institutions for Inclusive and Sustainable Transformation: Case Study of Centurion University, Odisha</b> <i>Supriya Pattanayak- Centurion University of Technology and Management, Odisha, India</i>
3:55 – 4:00 pm	Q/A
3:30 – 3:40 pm	<b>Understanding the Impact of Urban Sprawl and Population Density on City Development- Case of Bhubaneswar City, Odisha</b> <i>Sudha Panda - Kalinga Institute of Industrial Technology, Odisha, India</i>
3:40 – 3:45 pm	Q/A
4:00 – 4:15 pm	<b>AFTERNOON TEA</b>
4:15 – 4:45 pm	<b>Keynote: Dr. Henrique Pacini, Economist at United Nations Conference on Trade and Development (UNCTAD)</b> <b>Turning Circularity into Practice: Lessons from SMEP Programme in Africa and South Asia</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>
<b>SIDE EVENT</b> <b>United Nations Conference on Trade and Development (UNCTAD)</b> <b>Zero Waste Circular Economy Approaches in Material Transition (Moderator: Atiq Zaman)</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>	
4:45 – 5:00 pm	<b>Welcome</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>
5:00 – 5:30 pm	<b>Examining Material Shift Options Away from Conventional Plastics in 3 Specific Sectors (Mulch Films, Fishing Gear and Food Packaging)</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>
5:30 – 6:00 pm	<b>Panel Discussion</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>
6:00 – 6:30 pm	Q/A
<b>CLOSING</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>	
6:30 – 6:50 pm	<b>Session Chair Reports</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>
6:50 – 7:00 pm	<b>Wrap Up</b> <i>(Venue: Hall No-06, Aryabhata Building)</i>

## DAY 3 - 25 JANUARY 2024 (THURSDAY)

TIME	ACTIVITY
10:30 – 1:30 pm	Campus Tour
1:30 – 2:30 pm	<b>Lunch</b>

Note: \* - Online Presenters