NATIONAL WORKSHOP

ON

DISASTER RESEARCH AND KNOWLEDGE MANAGEMENT

VENUE: HOTEL MARRIOT, CHENNAI
FEBRUARY 25, 2023

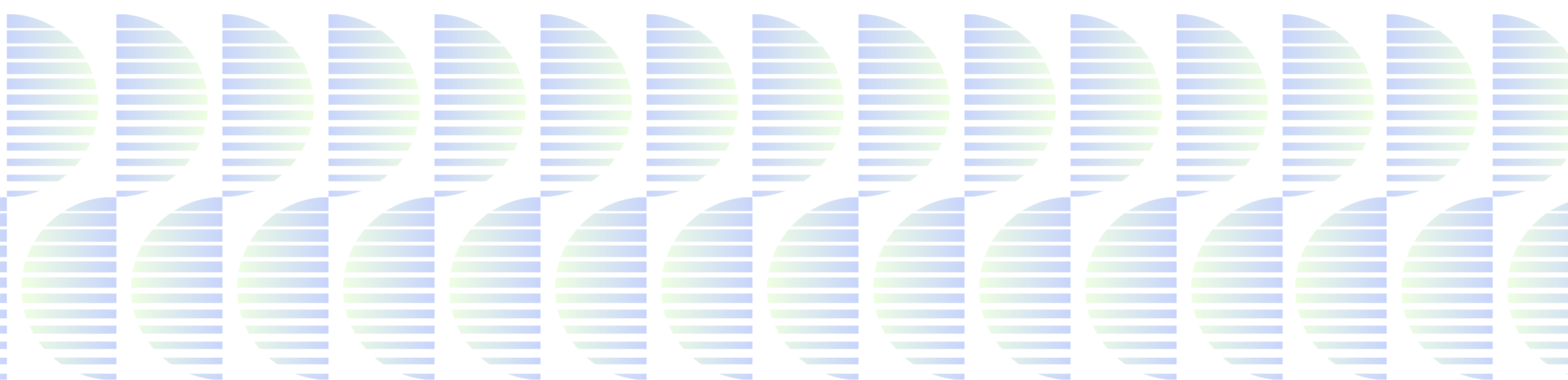## Background

Disasters followed by severe humanitarian crisis has emerged as a serious problem that the world has to deal with in the 21st century. Indian subcontinent which is vulnerable to a wide range of disasters, every year faces, and deals with a wide range of natural disasters that lead to loss of lives, and livelihood and have an impact on the economy. Under the leadership of the National Disaster Management Authority, there are many efforts at the ground level to increase preparedness, and address relief, and rehabilitation-related concerns. A number of think tanks, Non-Governmental Organisations, and other stakeholders are supporting the efforts. However, there is a gap in sharing information and best practices, technical support, and coordination. Another words, the knowledge, experience, and practice remain at the institutional level and hence manpower, technical, and financial resources deployed in disaster management are not optimally utilized. The linkages among all organisations working on disaster management need to be reinforced in order to derive the best practices and coping mechanisms so that the communities are equipped with the best suitable coping strategies well in advance.

In countries like India, disaster management and risk reduction follow a top-down strategy the knowledge sharing is further restricted. Acknowledging the need for a disaster knowledge networking/ sharing platform to enable interaction and sharing experiences with all related experts dealing with disaster management in India, knowledge management and joint research become imperative. If a knowledge-sharing network can be developed it will function as a tool to store, retrieve, disseminate and manage information related to disaster management. It will also ensure a better response, government machinery will be more equipped and prepared, the efforts can be integrated with mainstream development policies, and a better monitoring mechanism can be developed. It will also help promote fair practices/ best practices among disaster management communities.
In this context, this workshop aims at bringing multi-stakeholders from various fields including researchers, academicians, practitioners, administrators, and policy planners to discuss, deliberate, and come up with pragmatic solutions and policy-level initiatives that would help shape a humanitarian response approach to disasters so that a network of knowledge generation and research in disaster management can be established.

The following are the prominent areas that the workshop intends to address:

1. What are the best practices, experiences, and lessons learned by different stakeholders in disaster management and research?
2. How to develop a common platform for disaster management knowledge generation, sharing, and organising it using a trans-disciplinary research focus?
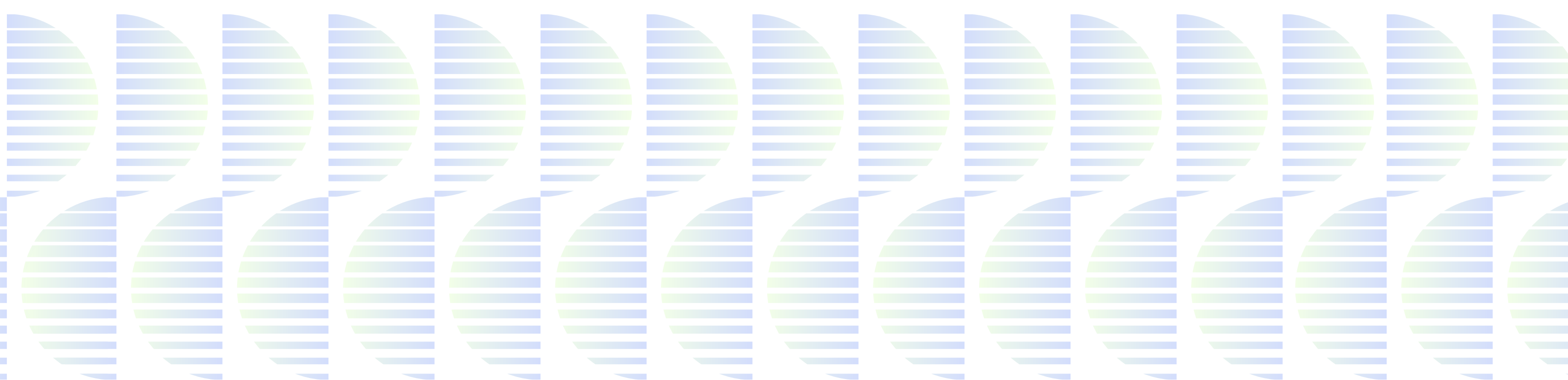3. What are the hurdles, and challenges in knowledge building and research in the disaster management field?

Theme

The session will bring together experts from different regions/ states in India to discuss and explore the problems with regional examples and case studies. To focus on innovative solutions, the role of the trans-disciplinary research approach in research and knowledge management in disaster management. The workshop will provide training in developing pragmatic methodological ideas for trans-disciplinary research, developing networks and practical skills in using existing platforms to reach out to other stakeholders so as to enable in knowledge building, sharing, and assimilating in the area of disaster management.

Objectives

At the end of the program, the participants will be able:

- To understand broader socio-political, cultural, health, education, displacement, poverty changes, and challenges with reference to disasters and their management.
- To explore how to create a technical, legal, and socially acceptable platform for disaster management research and knowledge building.
- To conceptually understand the disaster-related crisis and its issues including hunger, health, food security, displacement, inequality, poverty, vulnerability, and migration, and explore how a better-coordinated disaster management knowledge platform will help improve the responses, strategies, and goals.
- To explore and narrate changes and challenges over a period of time in effective disaster management knowledge building in India.
- To contextualize the issues using a trans-disciplinary approach and focus on multi-stakeholders participation.
- To understand the recent developments in disaster risk reduction using geospatial techniques and identify the best practice for knowledge sharing.
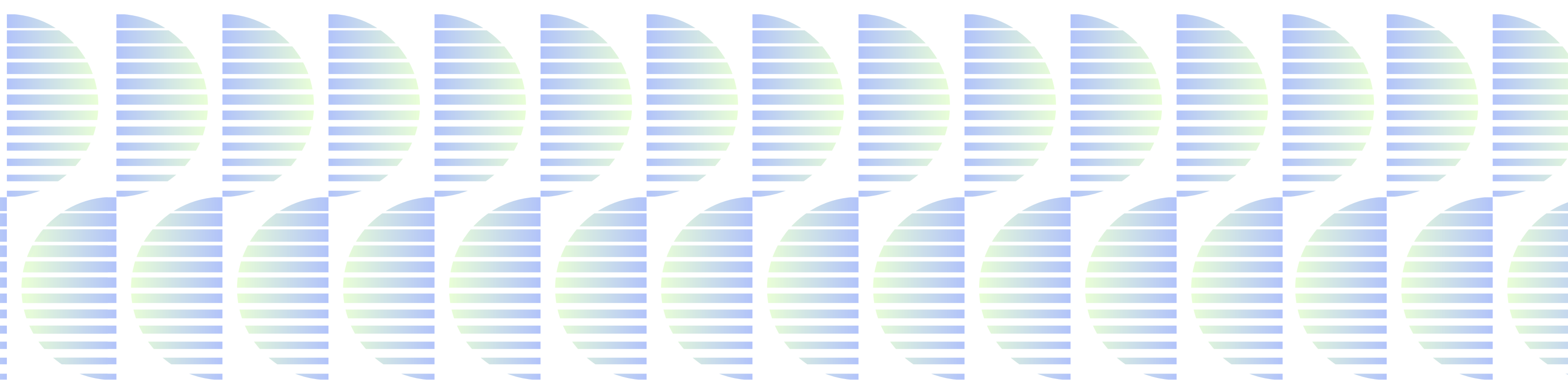
Focus Areas

We are inviting papers/ contributions with primary focus areas as follows but are not limited to:

1. Disaster management-Types-Impact covering technical, social, economic, and cultural aspects.
2. EBP, best practices and rigor in disaster research, mixed methods, systematic reviews and meta-analysis in disaster management.
3. Climate Change- Type, causes, and indices Geo Spatial technology in disaster risk education
4. Inequality- Social, economic, political, and cultural.
5. Sectoral Impacts- health, education, sanitation, tourism, infrastructure, business, etc.
6. Vulnerable groups and crisis-Elderly, children, differently abled, women, transgender, unorganized sector workers, tribal groups, people living below the poverty line, etc.
7. Governance -Policy, practice, models Multi-stakeholders' role and responsibilities Governments, NGOs, Industries, R&D response, administrators, town planners, researchers, and academicians.
8. Natural resource Management and Disaster Risk reduction.
9. Political Economy of disaster management and risk reduction.
10. Infrastructure, technical expertise, finance, and community involvement in disaster risk reduction.
11. Evidence-based practice in disaster management and risk reduction. 12. Sustainable Development goals and Disaster Management
13. Mass media and Disasters
14. Technical Innovation in Disaster Management and research
15. Secured Livelihood, Health, and Psycho-social well being
16. Risk management through risk transfer using insurance etc.

Plenary Session

1.New Challenges and Opportunities in Disaster Research and Management.
2.Emerging Technologies and Innovations For reducing the Risk of Disasters.
3.Role of various stakeholders in research and knowledge sharing in disaster management

Technical Session

- Developing Technology and legal support for Research in Disasters and Knowledge Management.
- Strengthening Capacity and resilience building among communities through Disaster Knowledge Networks.
- Enhancing Investments in Manpower for Research in Disaster Management.
- Multi-Stake Holder role and Participation in Research and knowledge building in Disaster Management.

Publication Plan

Abstracts of all papers presented at the conference will be published as abstract books. Full-length papers will be peer-reviewed by Scientific Committee members and selected papers will be published with a reputed International publishing group.
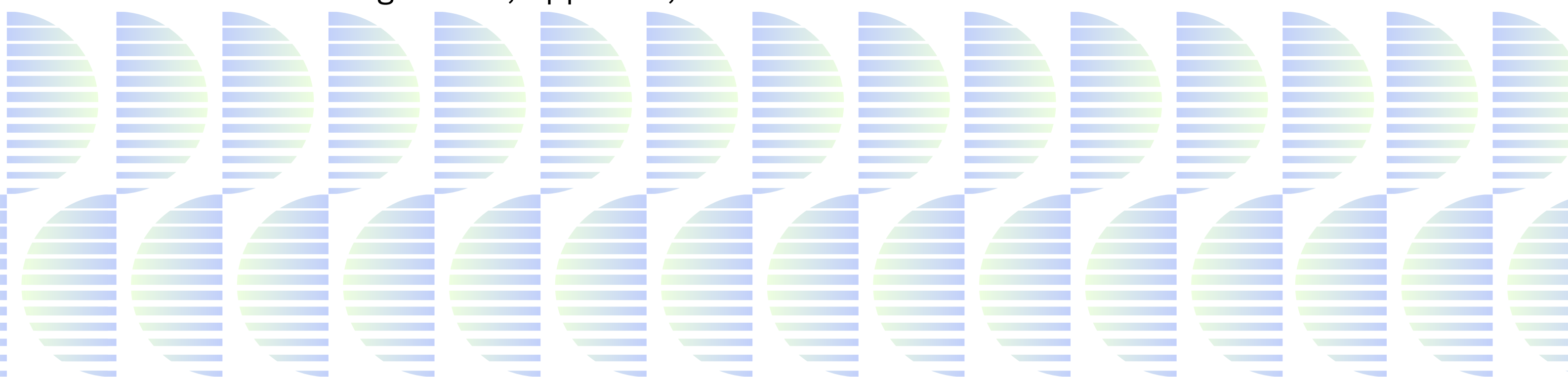
Guidelines for Paper Submission

Call for Abstracts for full-length papers:

Abstracts are invited on topics relevant to the themes from the participants who want to present papers at the conference.
1. Paper should be original and unpublished.
2. Abstracts on any theme of the conference cum workshop must be in Microsoft word, and text should be in 12-point, Times New Roman font. Margins should be of one inch on all sides, 1.5 spaced with a maximum of 250 words.
3. Provide 4 to 6 keywords that can be used for indexing purposes.
4. It may be submitted via email: sigamanip@cutn.ac.in on or before 15th Feb 2023

For Full-Length Papers

- Papers must be in Microsoft Word with doc format ONLY
- Papers must be written in English (British).
- Authors are requested to submit a Camera-ready paper following the prescribed guidelines.
- Your manuscript should include a separate page containing the following in the order mentioned: Title, Authors, Affiliation, Abstract, Keywords, main text, Acknowledgements, Appendix, and References.

- Papers and abstracts will only be accepted for Publication on the condition that the manuscript has not been copyrighted, has not been published, has not been presented or accepted for presentation at professional meetings, and is not currently under review for presentation at other professional meetings. A declaration to this effect must accompany the final paper, which must include ethical responsibilities and Standards as well.
- Authors should take responsibility for Content-Editing, Grammar-check, Proof-reading, formatting, etc.
- Paper may be sent to sigamanip@cutn.ac.in on or before 25th Feb 2023.

Title Page

The title page should include:
- The name(s) of the author(s)
- The title must be concise and informative
- The affiliation(s) and address(es) of the author(s)
- The e-mail, Contact address, and telephone number(s) of the corresponding author.

Manuscript Preparation:

1. Manuscripts should be submitted in Microsoft Word.
2. Use a normal, plain font (e.g., 12-point Times Roman) for text.
3. Use italics for emphasis.
4. The manuscript must be typed, 1.5-spaced (single-spaced for indented material, notes, and references). All headings including the title should be 12 in Times New Roman and text should be 12 point Times New Roman. Margins must be 1 inch on all sides.
5. Papers should not exceed 6000 words.
6. All photographs, charts, and diagrams are to be referred to as "Figures" and should be numbered consecutively in the order to which they are referred in the text.
7. The list of references must be arranged in alphabetical order. (As per APA format).
8. For text citations, papers should be referred to as (Sharma 2010) and papers by the same author in the same year should be distinguished by lettering in sequence (2010a, 2010b, etc). Where papers are not by more than three authors, all names should be cited; otherwise, the first name should be followed by 'et al'.
9. Use the automatic page numbering function to number the pages.
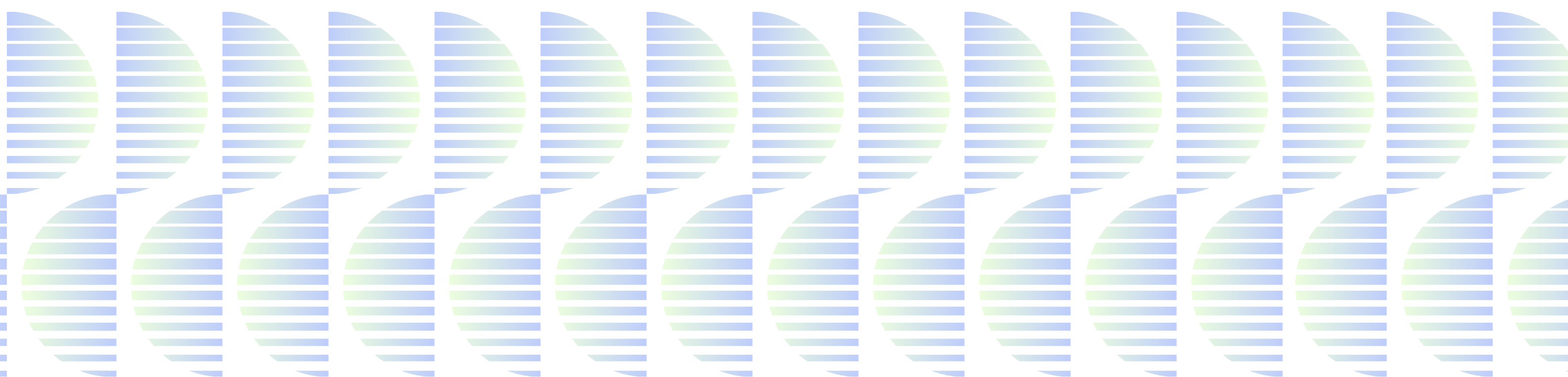10. Use tab stops or other commands for indents, not the space bar.

11. Use the table function, not spreadsheets, to make tables.
12. Save your file in Microsoft Word doc format only.
13. Author's names should be on the title page only, in order to facilitate the blind Referring process.

Central University of Tamil Nadu (CUTN), Thiruvarur, Tamil Nadu

The Central University of Tamil Nadu (CUTN) was established by the Government of India through an Act of Parliament in 2009, as a mission to necessitate higher education accessible to aspirants from the weaker sections of society. CUTN sits aside a tributary of the River Cauvery in Thiruvarur and spreads over 500 acres of land providing a harmonious academic ambiance to over 2200 national as well as international scholars from diverse cultural backgrounds, admitted through a national-level entrance examination conducted for central universities by the National Testing Agency (NTA).

The university has 26 departments across 12 schools that offer 73 programs, and provides a vibrant environment for learning and research. Besides giving utmost priority for the conduct of research relevant to the interests of the nation, CUTN has also established collaboration with several national and international leaders across diverse disciplines. Since its inception, be it in the realm of academics or research, CUTN has firmly established itself as a frontrunner in the pursuit of excellence and innovation.

It boasts of owning state-of-the-art infrastructure including smart classrooms, laboratories, scientific equipment, a well-stocked library with access to a broad array of digital resources, Wi-Fi connectivity, guest house, cafeteria, hostels, ATM, bank, photocopying stations, indoor game courts, amenities and sports facilities for students and staffs. The university has secured 85th position in the national ranking released by the NIRF among all the participating national institutions.

Programme Organising Team

Chief Patron
1. Prof. Dr. M. Krishnan, M.Sc., Ph.D, Vice Chancellor, Central University of Tamil Nadu Thiruvarur

Workshop Directors

1. Prof. Sulochana Shekhar, Nodal Officer, IUINDRRO NIDM, Dean, School of Earth Sciences, Head, Department of Geography, Central University of Tamil Nadu.

2. Prof. Sigamani Panneer, Dean, School of Behavioural Sciences, Head, Department of Social Work, School, of Social Sciences and Humanities, Central University of Tamil Nadu.

Programme Organising Committee

1. Dr. K Balasubramani K, Associate Professor, Department of Geography, CUTN

2. Dr. Lekha Bhat, Assistant Professor, Department of Epidemiology and Public Health, CUTN

3. Dr. P.Udhayakumar, Assistant Professors, Department of Social Work, CUTN
4. Dr. Balamurugan Guru, Associate Professor and Head, Department of Geology, CUTN

5. Dr. A Prabhu, Guest faculty, Department of Social Work, CUTN.

6. Dr. Saranya S, PDF, Department of Social Work, CUTN.

7. Ms. S Nandhini, Technical Assistant, Department of Social Work, CUTN