INTERNATIONAL ONLINE CONFERENCE ON
INTERDISCIPLINARY COLLABORATION AND OPPORTUNITIES: SOCIAL SCIENCE, STEM AND INFORMATION SCIENCE [IOC-ICO]

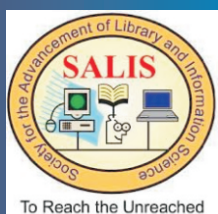**DATE**
28ᵗʰ & 29ᵗʰ
FEBRUARY 2024

Organized by

Sankar Polytechnic College (SPC), India

SJSU SAN JOSÉ STATE UNIVERSITY
School of Information

San Jose State University (SJSU), CA,USA

SALIS
Society for the Advancement of Library and Information Science
To Reach the Unreached

Society for the Advancement of Library and Information Science (SALIS), India

About the Conference

The present digital era is the era of international interdisciplinary collaboration and global opportunities across institutions. The technologies that are available today make it possible to interact and share knowledge with the rest of the organizations and communities across the world easily. The interdisciplinary approach provides opportunities for collaboration between various countries, academic institutions, research bodies, government and private organizations, NGOs, and professional bodies to work together for mutual benefits by pooling, integrating, and sharing their skills, experience, knowledge, technologies, and other resources to foster research and socio-economic development for a better new world. Interdisciplinary research allows researchers to understand and apply research methodologies, tools, techniques, methods and knowledge resources used in one field to apply the same in other fields to solve complex problems easily without spending much time and resources.

This conference provides an opportunity for academicians, researchers, students, industries and other stakeholders to participate and discuss the possibilities and opportunities to collaborate and work together across multi-disciplines such as social science, STEM(Science, Technology, Engineering, Mathematics), Agriculture, Management and Information Science to share their research findings, case studies, innovative technologies, methods and ideas with a global audience and find a better and affordable solution to all the human problems, better environment and ecosystem.

Research scholars and students can also benefit from the conference by learning about the latest research in their field, identifying new research opportunities, and connecting with other scholars who are working on similar topics. This can help them to develop their skills and knowledge, and to produce high-quality research.

Sankar Polytechnic College(SPC)

SANKAR INSTITUTE OF POLYTECHNIC was established in July 1958 by Sri S.N.N. Sankaralinga Iyer, a well-known Philanthropist, missionary and Industrialist and Shri TS Narayanaswamy, Industrialist and former Sheriff of Madras, who were the founders of The India Cements Ltd.. The Chief minister of Madras, Shri K.Kamaraj, inaugurated the Polytechnic by lighting the kuthuvilakku. The polytechnic is managed by the India Cements Educational Trust, Chennai. It is a State-Government-Aided institution since its inception. It is one of the reputed Polytechnic colleges in the southern part of Tamil Nadu, India. It offers three-year full-time Diploma courses in Civil, Mechanical, Electrical, Electronics and Communication Engineering and Computer Engineering. The Mechanical and EEE courses are offered in Self-supporting Stream also. Presently, the annual intake sanctioned by AICTE is 420 in I year. The polytechnic was granted Academic autonomy by the Government of Tamilnadu in 1993 in recognition of its quality of education. It was renamed as SANKAR POLYTECHNIC COLLEGE in 2002 based on Government norms. Our Polytechnic celebrated its Silver Jubilee in 1983 and Golden Jubilee in 2008-09. The polytechnic is situated in an area of 120 acres with a built-in area of about 12000 sq M having spacious classrooms, well-equipped laboratories, workshops and other amenities. Standard sports grounds are available for physical education. Separate well-maintained hostel facilities are available for both boys and Girls. Extra-curricular Activities like NCC, NSS (2 units), Red Ribbon Club, Youth Red Cross are conducted. Short-term Continuing Education Courses in latest technologies are offered to our students as well as the public under the Canada India Institutional Cooperation Project (CIICP). Students are selected for jobs in on-campus/ off-campus interviews by reputed industries. The old Students of the Polytechnic (Alumni) meet regularly. The Polytechnic strives to offer best quality technical education to students and is producing skilled technical manpower meeting international standards and global requirements. The college has a well-equipped library to cater to the modern requirements of the students and faculty.

San Jose State University (SJSU), USA.

San Jose State University was founded in 1857 and is located in the center of San José city in the heart of Silicon Valley, California, US. It is one of the most reputed universities in the US, with 36,000 students and 4300 employees. SJSU offers various graduate, master, and doctoral degrees in 250 areas of study. As the oldest state university in California, SJSU blends tradition and innovation with award-winning faculty, cutting-edge programs, and visionary teachers from local corporations like Google, Apple, Cisco, and Adobe. The School of Information at SJSU offers a variety of learning solutions designed specifically for the 21st century information profession. The MLIS program has a rich history at San José State University, with the first library science classes taught in 1928. The School of Information prepares individuals for careers as information professionals. Graduates work in diverse areas of the information profession, such as user experience design, digital asset management, information architecture, electronic records management, information governance, digital preservation, and librarianship.

Society for the Advancement of Library and Information Science (SALIS)

SALIS is a registered professional body established in 2002, and it has been actively involved in the development of all spheres of library and information science. SALIS organizes conferences, seminars, workshops, and training programs on emerging topics through its various chapters throughout the year in many parts of the country. SALIS publishes national and international journals, proceedings, and newsletters for the exchange of information and knowledge among LIS professionals. SALIS has instituted many awards to encourage and motivate LIS professionals. One of the objectives of SALIS is to train the LIS professionals in the country to handle the latest IT and digital technologies efficiently to provide high-quality library services. The important objectives are to 'reach the unreached' and to become the best, active and dynamic professional body in the field of LIS - in terms of service to the members, professionals and to the profession in the county by adopting the best and fair practices and innovative ideas.

Objectives

- To provide a platform for academicians, researchers, and practitioners in various fields to explore the opportunities to discuss and share interdisciplinary collaboration to work together across institutions worldwide
- To know the emerging trends and developments in various disciplines
- To find out the best research methods, tools, techniques, and technologies being used in various disciplines and use the same for interdisciplinary research
- To find out the collaborative opportunities in other disciplines
- To discuss and share the emerging trends and applications of the latest technologies in LIS
- To discuss and explore the possibilities of interdisciplinary research in the field of information science
- To discuss the importance of information literacy and lifelong learning for creating a knowledge society

Conference Main Theme

Interdisciplinary Collaboration and Opportunities: Social Science, STEM and Information Science

Sub themes

- Education Policy for interdisciplinary and collaborative research and development - Curriculum design, Pedagogy Methods - Teaching Materials, Courseware Construction - Issues and Challenges - Innovative Teaching Methods
- Modern trends in interdisciplinary and collaborative research and development opportunities in the area of STEM(Science, Technology, Engineering, Mathematics) and Agriculture
- Application of modern ICT and medical technologies for affordable healthcare system
- Application of statistical, mathematical and social science research methods, models and tools for interdisciplinary and collaborative research and studies for socioeconomic development
- Collaboration of multidisciplinary research for sustainable human development and ecosystem
- Re-engineering - new entrepreneurship - startup - SWOT- modern management techniques - Smart System - Smart libraries - innovative and affordable rural technologies for MSME for socio-economic Development
- Interdisciplinary approach : Mitigation of natural hazards - earthquake, flood, tsunami- fire; housing - safe water management- road- environment - clean energy - electricity- waste management - sanitation;
- Modern sustainable agricultural technologies - irrigation methods- scientific farming - crop management - Green technologies - nanomaterials- smart and alternative materisls for sustainable development
- Collaboration, application, and integration of IoT with other disciplines and sectors for smart systems—to solve real-world problems
- Information policy for the new digital world and Information Society
- Information system for global warming and prediction of natural hazards - Community empowerment, development and Resilience Resource Centre
- Application of AI, ML, NLP, Expert Systems, Cloud computing- IoT in LIS landscape for the next generation.
- Emerging trends in Big Data, Data Analytics and social networking technologies
- Affordable Education, Digital E-learning technologies for self and remote learning to reduce the digital divide; knowledge resources sharing - E-resources, Open Access Resources-Open Education Resources- Collection development
- Information literacy and lifelong learning - Digital knowledge communities
- KM & Modern management models for interdisciplinary studies, indicators and research - HRM- Capacity building initiatives - Competency and Skills

Call for Papers

- ❖ Research papers - includes original research work; case studies; innovative ideas-technologies, products and services; and collaboration and opportunities in the interdisciplinary research on the main and
- ❖ sub-themes of the conference are invited. Preference will be given to the research papers with an interdisciplinary approach.
- ❖ Papers should be submitted through the following links only:
    - **Arts and Science :** https://forms.gle/5HsXBJJedyyHGrTc6
    - **Engineering :** https://forms.gle/wTerRcNrY9VZLWFJ7

Arts and Science	Engineering
https://forms.gle/5HsXBJJedyyHGrTc6	https://forms.gle/wTerRcNrY9VZLWFJ7

Submission of Papers

- ❖ Authors are requested to submit the full papers on the main and sub-themes of the conference. The full paper should not exceed 8 pages of A4 size paper. The abstract should be 250 - 300 words with a minimum of 5 keywords. Authors are requested to submit on A4 size alignment (Times New Roman 10.5 points. 1.15 line spacing) in MS-Word, Charts, Graphs and Photographs [copyright free], if any, should be inserted at the proper place in the paper.
- ❖ Hardcopies of paper will not be accepted.
- ❖ An author can submit a maximum of two papers.
- ❖ Papers accepted for presentation will be intimated to the first author by e-mail.
- ❖ All the correspondence will be communicated through e-mail to the First Author.
- ❖ Authors have to pay the registration fee after getting the acceptance from the organizers.
- ❖ Papers without registration fee will not be included in the conference volume
- ❖ Selected papers will be published in the conference proceeding (e-version only) with ISBN
- ❖ Selected papers will be presented in the online conference
- ❖ The decision of the review committee regarding the acceptance of the paper will be final.
- ❖ The manuscript template can be downloaded from the conference website
- ❖ Copyright declaration form (available on the conference website) should be filled-in, signed, and sent along with your original paper
- ❖ E-certificates will be issued to the contributors and the paper presenters (if they present the paper online and submit the feedback form)
- ❖ E-certificates will be issued to all the participants if they attend the full online conference and submit the feedback form

Target Participants

- ❖ Academicians, faculty members, research scholars, students of all the branches of knowledge
- ❖ Scientists, technologists and practitioners from R & D Institutions, Private, Public and Corporate bodies
- ❖ Members of various professional associations and bodies
- ❖ Library & Information Science Professionals and practitioners, Information and IT Professionals
- ❖ Knowledge Workers.

Impartant Dates

Submission of Full-length Paper	:	08.01.2024
Acceptance of Papers	:	18.01.2024
Registration & Payment	:	15.02.2024

Registration Fees

Category	Registration Fees	
	India	Other Countries
Academicians	500.00	30 dollars
Research Scholars (Full Time)	300.00	20 dollars
Students	300.00	10 dollars

Online Payment Details

Account No.   :   138801000034985
Account Name   :   Sankar Polytechnic College
IFSC Code   :   IOBA0001388
Bank Name   :   Indian Overseas Bank
Branch   :   Naranammalpuram Branch

Conference Website

https://spcwithsjsu.blogspot.com

Payment and Registration Links

Online Registration link :   https://spcwithsjsu.blogspot.com/p/registration.html

Conference and meeting ID/link will be sent only to the registered participants two days in advance before the commencement of the conference

Conference Website

All the announcements about the conference will be made available on the conference website only @ https://spcwithsjsu.blogspot.com/. Participants are requested to periodically visit the conference website.

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"Libraries store the energy that fuels the imagination. They open up windows to the world and inspire us to explore and achieve, and contribute to improving our quality of life."

- Sidney sheldon

"In the nonstop tsunami of global information, librarians provide us with floaties and teach us to swim."

- Linton Weeks