

Convener of the Symposium: Pankaj K Shah			
Saturday, December 12th, 2020			
Time Slot No.	Standard Day Time (EST-USA)	Indian Standard Time (IST)	First Day Session Chair: Manoj Jain (To be introduced by Haresh Tamboli)
1	9:00 AM	7:30 PM	(1) JCGB President Haresh Tamboli: Welcome; (2) Dr. Manoj Jain as the MC; (3) Preeti Jain - Opening ceremony (4) Blessings from Acharya Shri Vijay Nandighoshsuriji
2	9:15 AM	7:45 PM	Dr. Anupam Jain: Brief Introduction of the topics
3	9:35 AM	8:05 PM	Dr. S.G. Dani, Mumbai - Jaina Geometry, its uniqueness and influence on other traditions
4	9:55 AM	8:25 PM	Prof. R.S. Shah, Pune - Evolution and Development of Mathematical ideas through Jaina Scriptures
5	10:15 AM	8:45 PM	Prof. Rajmal Jain, Ahemdabad - Measurement of Space and Time in Mayan and Jain traditions
6	10:35 AM	9:05 PM	Dr. Pragati Jain, Manavar & Dr. Anupam Jain, Indore - Set theoretical approach in the Dhavalā commentary
7	10:55 AM	9:25 PM	Dr. Omkar Lal Shrivastava & Sumita Shrivastava, Rajnandgaon - Mersenne Primes in the Trilokasara and Gommatasara
8	11:15 AM	9:45 PM	Acharya Shree Vijay Nandighoshsuriji Maharaj - Zero : An Enigma
9	11:35 AM	10:05 PM	Dr. Kanti V. Mardia and Dr. Anthony J. Ruda - Some aspects of Jain Logic and Statistical Thinking
10	11:55 AM	10:25 PM	Dr. Anupam Jash - Ancient Jain Mathematical Thought : The Logic of Saptabhaṅgīnaya
11	12:15 PM	10:45 PM	Dr. Jitendra K Sharma, Indore and Dr. Anupam Jain, Indore- Concept of Infinities in Jaina Literature
12	12:35 PM	11:05 PM	First Day Summary by Dr. Devavrata Shah

Sunday, December 13th, 2020			
Time Slot No.	Standard Day Time (EST-USA)	Indian Standard Time (IST)	Second Day Session Chair: Dr. Catherine Singh (To be Introduced by Dr. Sulekh Jain)
1	9:00 AM	7:30 PM	Prof. Peter Flugel: Keynote Speaker's Remarks
2	9:15 AM	7:45 PM	Second Day: Dr. Anupam Jain: Brief Introduction of the topics
3	9:35 AM	8:05 PM	Dr. P Devaraj, Kerela - Mahaviracharya's Ganitasara Sangraha
4	9:55 AM	8:25 PM	Dr. S.K. Uma, Bengaluru - Indeterminate equations of first order (<i>kuṭṭaka</i>) and the second order (<i>vargaprakṛtī</i>) and solutions by Mahāvīrācārya in
5	10:15 AM	8:45 PM	Dr. N. Shivakumar, Bengaluru - Mahāvīrācāryā's contribution to Mathematics : The Kuṭṭikāra equations
6	10:35 AM	9:05 PM	Dr. Rupa K and Dr. S K Uma, Bengaluru - Geometry in Mahāvīrācārya's <i>Gaṇitasārasaṅgraha (GSS)</i> ; A Comparison with other Indian Contributions
7	10:55 AM	9:25 PM	Dr. Padmaja Venugopal and others, Bengaluru - Mahāvīrā's expression for circumference of ellipse-
8	11:15 AM	9:45 PM	Prof. Balram Singh; Karma Vibrations of Consciousness for Mathematical Estimation of Consciousness
9	11:35 AM	10:05 PM	Dr. Jayant Acharya - Square and Cube Roots
10	11:55 AM	10:25 PM	No Show
11	12:15 PM	10:45 PM	Dr. Anupam Jain and Nisha Jain, Indore -Treasure of Ancient Jain Mathematical Wisdom
12	12:35 PM	11:05 PM	Summary of the day by Dr. Catherine Singh

Monday, 14th December, 2020			
Time Slot No.	Eastern Standard Day Time (EST-USA)	Standard Time (IST)	Third Day Session Chair: Dr. Ken Pugh (To be introduced by Dr. Suekh Jian)
1	9:00 AM	7:30 PM	Dr. Anupam Jain: Brief Introduction of the topics
2	9:15 AM	7:45 PM	Dr. S.C. Agrawal, Meerut - From One to Infinity in Ancient Civilizations and how Jaina Beliefs shaped early Mathematics
3	9:35 AM	8:05 PM	Dr. Paras Mal Agrawal, Ujjain and Dr. Renu Jain, Indore - Some concepts of statics, dynamics and quantum theory in Jain scriptures
4	9:55 AM	8:25 PM	Er. Anil Kumar Jain, Indore - 'Siribhuvalaya': A Unique scripture crafted with Modern Cryptography
5	10:15 AM	8:45 PM	Dr. Chhaya Seth, Bengaluru - 'Siribhuvalaya'
6	10:35 AM	9:05 PM	Er. Pankajkumar K Shah - Nakṣatras and Yogtārās in Jain Mathematical Astronomy
7	10:55 AM	9:25 PM	Dr. Shrenik Bandi, Indore - Calendar (Pañcāṅga) System in Jaina Tradition
8	11:15 AM	9:45 PM	Dr. Raja Ram Mohan Roy, Canada - Relation of Pascal's Triangle to Jain-Hindu Geography and Astronomy
9	11:35 AM	10:05 PM	Dr. Trapti Jain, Shajapur - Confluence of Mathematics of Karma and Human Psychology
10	11:55 AM	10:25 PM	Summary and Panel Discussion Day: Dr. Surender Jain
11	12:15 PM	10:45 PM	Thanks and Brief Discussion on future Plan by: Dr. Sulekh Jain, Dr. Manoj Jain and Pankaj Shah