

International Conference on Recent Developments in Theory and Computation & Application of Differential Equations (ICRDTCAD-2019)

Department of Mathematics, South Asian University

Program Schedule: Day 1 (21/01/2019)

Venue: Mezzanine Floor, South Asian University, Akbar Bhavan, Chanakyapuri

09:30 - 10:00	Registration	
Time	Event/Topic/Speakers	
Inaugural Session		
10:00 - 10:10	Welcome Address	Prof RK Mohanty
10:10 - 10:20	Theme of the conference	Dr. KK Sharma
10:20 - 10:30	Address by the Chair	Prof AK Pani
10:30 - 10:40	Address by the Guest of Honor	Prof MK Kadalbajoo
10:40 - 10:50	Presidential Address	Prof Kavita A Sharma
10:50 - 11:00	Facilitation of Prof. Mohan K. Kadalbajoo	Prof Kavita A Sharma
11:00 - 11:05	Vote of thanks	Dr. Navnit Jha
11:05 - 11:40	High Tea	

Session Chair: Prof. Sree Hari Rao

11:40 - 12:40 (KeyNote Lecture)	Prof. Pascal Kossivi Adjamagbo	From local to global in Partial Differential Equations, Analytic or Algebraic Geometry and the Jacobian Conjecture
12:40 - 1:20(Plenary Lecture)	Prof. Amiya K. Pani	Energy Arguments and Time Fractional in Time Sub-diffusion Problems
1:20-2:20	Lunch Break	

Session Chair: Prof Amiya K Pani

2:20 - 3:00 (Plenary Lecture)	Prof. A. K. Nandakumaran	Optimal Control Problems in Domains with Oscillating Boundary and Homogenization
3:00 - 3:40 (Plenary Lecture)	Prof Veerappa Gowda	Applications of Hamilton-Jacobi equations in Shape from Shading
3:40 - 4:00	Tea Break	

Parallel Session I , II, III, & IV

Venue: Mezzanine Floor & Lecture Room (Department of Mathematics)

TIME	Session I Chair:	Session II Chair:	Session III Chair:	Session IV Chair:
4:00 - 4:30 (Invited Lecture)	Dr. Sarvesh Kumar	Tanmay Basak	Dr. Ramesh VP	Dr. Saumya Bajpai
4:30 - 5:00 (Invited)	Dr. Sarthak Sircar	Dr. Harish Kumar	Dr. Manoj Kumar	Dr. Kamana Purvar
5:00 - 5:30 (Invited)	Dr. Paramjeet	Sangita Yadav		Dr. Lokpati Tripathi
5:30 - 5:50 (Paper Presentation)	Dr. Sucheta Nayak	Anuj Kumar	Lone Seth Jahanzaib	Dr. Komal Bansal

Conference Dinner @ 07:00 PM

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Program Schedule: Day 2 (22/01/2019)

Venue: Mezzanine Floor, South Asian University, Akbar Bhavan, Chanakyapuri

Time	Event/Topic	Speakers			
Session Chair: Prof. Manjul Gupta					
09:30 - 10:10 (Plenary Lecture)	Prof. Mohan K. Kadalbajoo	Numerical Methods for Singular Perturbation Problems-An Overview			
10:10 - 10:50 (Plenary Lecture)	Prof. V. Sree Hari Rao	Modeling the Phenomenon of Activation of Receptor Cells in Human Retina			
10:50 - 11:20	High Tea				
Session Chair: Prof Rashidinia (Iran)					
11:20 - 12:00 (Plenary Lecture)	Prof. Manjul Gupta	Fixed Point Theorem, Its Applications and Dynamical Systems			
12:00 - 12:40 (Plenary Lecture)	Prof. Samir K. Bhowmik	Preconditioners based on Windowed Fourier Frames Applied to Elliptic Partial Differential Equations			
12:40 - 2:00	Lunch Break				
Parallel Sessions I-V					
TIME	SESSION-I Chair	SESSION-II Chair:	SESSION-III Chair:	SESSION-IV Chair:	SESSION-V Chair:
2:00 - 2:30 (Invited Lecture)	Dr. Anil Pundir	Dr. Muslim Malik	Dr. Syed Abbas	Dr. Ritesh K. Dubey	Sapna Pandit
2:30 - 3:00 (Invited Lecture)	Dr. Prashant Shrivastav	Dr. Pramod Chakrvarthy	Dr. Alpesh	Dr. Pratima Roy	
3:00 - 3:20 (Paper Presentation)	Tarun Gupta	Kamalesh Kumar	Ankita Shukla	Dr. Manisha Sharma	
3:20 - 3:40 (Paper Presentation)	Subash Chandra	Ramesh Chandra	Ananta Upretiinst	Kuldeep Singh Patel	
3:40-4:00	Tea Break				
Parallel Sessions I-IV					
TIME	SESSION-I Chair:	SESSION-II Chair:	SESSION-III Chair	SESSION-IV Chair:	
4:00 - 4:30 (Invited Lecture)	Dr. Sunil Kumar	Dr. Mansha Sharma	Dr. Vikash Gupta	Dr. P Dhanumjaya	
4:30- 4:50 (Paper Presentation)	Rabeeb Ali	Riyasudheen TK	Kanak Sharma	Sabana Parveen	
4:50- 5:10 (Paper Presentation)	BP Sapkota	Vipin Kumar	Anjali	Ayub Khan	
5:10 - 5:30 (Paper Presentation)	Tanuja Das	Pushali Trikha	Sreelakshmi	Pankaj Mishra	

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Program Schedule: Day 3 (23/01/2019)

Venue: Mezzanine Floor, South Asian University, Akbar Bhavan, Chanakyapuri

Time	Event/Topic	Speakers		
Session Chair: GDV Gowda (TIFR Bangalore)				
09:30 – 10:10 (Plenary Lecture)	Prof. B.V.Rathish Kumar	Non uniform weighted extended B-Spline finite element analysis of non linear elliptic partial differential equations		
10:10 -10:50 (Plenary Lecture)	Prof. Kedar Nath Uprety	Model of a Natural Circulation Steam Generator		
10:50– 11:20	High Tea			
Session Chair: Prof V Sree Hari Rao				
11:20 – 12:00 (Plenary Lecture)	Prof. AK Mishra	Some mathematical models to control the atmospheric level of carbon dioxide to mitigate global		
12:00 – 12:40 (Plenary Lecture)	Prof. Jalil Rashidinia	Sinc Function Approximation		
12:40 – 2:00	Lunch Break			
Parallel Sessions I-IV				
TIME	SESSION-I Chair:	SESSION-II Chair:	SESSION-III Chair:	SESSION-IV Chair:
2:00 - 2:30 (Invited Lecture)	Dr. Ashish Awasthi	Dr. Shushil	Dr. Aekta Aggarwal	Dr. Nilam Rathi
2:30 –3:00 (Paper Presentation)	Dr. Aditya Kaushik	Swati Yadav	Narayani G	Lakshmi Rani Basumatary
3:00 – 3:20 (Paper Presentation)	Dr. Sushil Kumar	Soniya Dhama	Manju Sharma	Anurag Kumar
3:20 – 3:40 (Paper Presentation)	Uzma Nigar	Ruchika	Geetan Khemchandani	Dr. Dipti Kaur
Valedictory Session				
03:30 – 03:40	Welcome Address			
03:40-03:45	Report of the Program			
03:45– 03:50	Valedictory Address			
03:50 – 03:55	Feedback			
03:55 – 04:00	Vote of Thanks			
4:00	High Tea			