International Conference on Mathematical Modelling, Differential Equations, Scientific Computing & Applications

Conference Schedule						
Day One (27-03-2016: Sunday)						
Venue:		2:00 pm - 3:15 pm Registration				
Outreach Auditorium		3:15 pm - 3:45 pm		Inaugural Function		
		3:45 pm - 4:30 pm		High Tea		
Technical Session 1	04:30pm-06:45pm	Venue: Outreach Auditorium				
	,	Day Two (28-03-2016: Monda	y)			
Technical Session 2	09:00am-11:00am	Venue: Outreach Auditorium				
11:00am-11:30am Tea Break (Outreach Auditorium)						
Technical Session 3a	11:30am-01:00pm	Venue: PBCEA-A	Singu	larly Perturbed Problem and Scientific		
			Comp	outation		
Technical Session 3b	11:30am-01:00pm	Venue: PBCEA-B	Singularly Perturbed Problem and Scientific			
			Comp	outation		
Technical Session 3c	11:30am-01:00pm	Venue: PBCEA-C	Math	ematical Modelling and Scientific		
			Comp	outation		
Technical Session 3d	11:30am-01:00pm	Venue: Outreach Auditorium	Nume	erical Analysis and Scientific		
		(seminar room)	Comp	outation		
	01:00pm-0	02:00pm Lunch Break (Visitor's	Hostel	Lawns)		
Technical Session 4a	02:00pm-04:00pm	Venue: PBCEA-A	Singu	larly Perturbed Problem and Scientific		
			Comp	outation		
Technical Session 4b	02:00pm-04:00pm	Venue: PBCEA-B	Fract	al Theory and Computation		
Technical Session 4c	02:00pm-04:00pm	Venue: PBCEA-C	Math	ematical Modelling and Scientific		
			Comp	outation		

Technical Session 4d	02:00pm-04:00pm	Venue: Outreach Auditorium	Mathematical Modelling and Scientific	
		(seminar room)	Computation	
	04:00pm	i-04:30pm Tea Break (Outreach	•	
Technical Session 5	04:30pm-06:30pm	Venue: Outreach Auditorium	,	
	06	5:30 pm – 07:30 pm (IAMMS Me	eeting)	
		08:00 pm – 10:00 pm (Banque	et)	
		Day Three (29-03-2016: Tuesd	ay)	
Technical Session 6	09:00am-11:00am	Venue: Outreach Auditorium		
	11:00am	n-11:30am Tea Break (Outreach	Auditorium)	
Technical Session 7a	11:30am-01:00pm	Venue: PBCEA-A Singularly Perturbed Problem and Scient Computation		
Technical Session 7b	11:30am-01:00pm	Venue: PBCEA-B	Mathematical Modelling and Scientific Computation	
Technical Session 7c	11:30am-01:00pm	Venue: PBCEA-C	Numerical Analysis and Scientific Computation	
Technical Session 7d	11:30am-01:00pm	Venue: Outreach Auditorium (seminar room)	Numerical Analysis and Scientific Computation	
	01:00pm-(02:00pm Lunch Break (Visitor's	-	
Technical Session 8a	02:00pm-04:00pm	Venue: PBCEA-A	Singularly Perturbed Problem and Scientific Computation	
Technical Session 8b	02:00pm-04:00pm	Venue: PBCEA-B	Numerical Analysis and Scientific Computation	
Technical Session 8c	02:00pm-04:00pm	Venue: PBCEA-C	Mathematical Modelling and Scientific Computation	
	04:00pm	i-04:30pm Tea Break (Outreach	Auditorium)	
Technical Session 9	04:30pm-05:15pm	Venue: Outreach Auditorium		
05:15pm-06:00pm Valedictory Function (Outreach Auditorium)				

			Day One (2	7-03-2016: Sunday)		
Venue:			02:00 pm - 03	3:15 pm	Regist	ration
Outreach Audi	torium		03:15 pm - 0	3:45 pm	Inaugu	ural Function
			03:45 pm - 04	4:30 pm	High T	-ea
Technical Sessi	on 1					
Venue:	Chairman:	Prof. Jang	Bahadur Shul	kla		
Outreach	Invited 1		m - 05:15pm	Prof. Carsten Cartensen		Discontinuous Petrov-Galerkin
Auditorium		·	•	Department of Mathemati	ics	methodology for second-order
				Humboldt-Universität zu B		elliptic problems.
	Invited 2	05:15p	m - 06:00pm	Prof. Mohan K Kadalbajoo		An optimal error estimate of
		·	•	Distinguished Professor		an IMEX finite element
				Department of Mathemati	ics	method for some partial
				LNMIIT Jaipur		integro-differential equations
				'		arising in finance.
	Invited 3	06:00p	m - 06:45pm	Prof. G P Kapoor		Inadequacy of Euclidean
			•	Professor and Dean,		Calculus and Fractal Simulation
				DIT University, Mussorie		of Objects in Nature
				Diversion Road Dehradun		
			Day Two (2	8-03-2016: Monday)		
Technical Sessi	on 2					
Venue:	Chairman: Pro	of. Mohar	K Kadalhaioo			
Outreach		ivioriai	. K Kadalbajoo			
Auditorium	Invited 4	09:00a	m -0 9:45am	Prof. Relja Volanovic		A Numerical Method for
				Department of Mathemati	ical	Stationary Shock Problems
				Science, Kent State Univer		with Monotonic Solutions.
				Stark North Canton, Ohio,		

	Invited 5	9:45 am - 10:30 am 10:30am - 11:00am	Prof. Amiya Pani Department of Mathematics, Indian Institute of Technology Bombay Prof. Sashikumaar Ganesan	Through eyes of viscoelastic fluids: How can external stimulus influence research in theoretical and computational PDEs? ALE-SUPG finite element
	Invited 6	10:30am - 11:00am	Dept. of Computational and Data Sciences, Indian Institute of Science Bangalore	method for convection dominated problems in time-dependent domains.
		11:00am-11:30am Te	a Break (Outreach Auditorium)	
Technical Session				
Tech Session 3a	Chairman: Prof	. A K Nandakumaran		
	Invited 7	11:30am-12:00am	Prof Naresh Chadda	Computational study to design
Venue: PBCEA-A			School of Basic Sciences and Research, Sharda University, Greater Noida	a novel algorithm for solving advection-dominated time-dependent advection-diffusion problem.
	Invited 8	12:00am-12:30pm	Prof. Pramod Chakravarthy Department of Mathematics, VNIT Nagpur	Exponentially Fitted Methods for Singularly Perturbed Differential Difference Equations.
	Contributed 1	12:30pm-12:45pm	Dr. Sheo Kumar Dr. B. R. Ambedkar National Institute of Technology Jalandhar	Numerical approaches for solving Parabolic partial differential equations arising in engineering
	Contributed 2	12:45pm-01:00pm	Dr. Srikumar Panda Jadavpur University	A study on inviscid fluid flow over arbitrary bottom using nonlinear theory.

Tech Session 3b	Chairman: Prof	Chairman: Prof. S Chandra Sekhara Rao					
Venue: PBCEA-B	Contributed 3	11:30am-11:45am	Abhishek Das IIT Gawahati	The parameter uniform numerical method for two-dimensional singularly Perturbed parabolic delay convection-diffusion problems on Shishkin mesh.			
	Contributed 4	11:45am-12:00am	Anirban Majumdar IIT Gawahati	An ε-uniform Numerical Scheme for 2D Singularly Perturbed Elliptic Convection- Diffusion Problems with Discontinuous Source Term and Convection Coefficient.			
	Contributed 5	12:00am-12:15pm	Maneesh Kumar Singh IIT Gawahati	Analysis of An Upwind Difference Scheme on Shishkin-type mesh For Singularly Perturbed System of Parabolic Convection-diffusion Equations.			
	Contributed 6	12:15pm-12:30pm	Deepti Shakti Tripathi NIT Rourkela	Monotone hybrid scheme for singularly perturbed convection-diffusion problem on layer adapted meshes.			
	Contributed 7	12:30pm-12:45pm	S. Dinesh Kumar VNIT Nagpur	Fourth order fitted operator numerical scheme for singularly perturbed reaction diffusion problems.			

Tech Session 3c	Contributed 8 Chairman: Prof.	12:45pm-01:00pm	Sathyaseelan.D SASTRA University	Legendre wavelet method for a class of nonlinear and fractional order ship roll motion arising in ship dynamics.
Tech Session Sc			T	
Venue: PBCEA-C	Invited 9	11:30am-12:00am	Prof. Ram Naresh Department of Mathematics, Harcourt Butler Technological Institute Kanpur	Modeling the dynamics of dust scavenging from the near earth atmosphere.
	Invited 10	12:00am-12:30pm	Prof. Manju Agarwal Department of Mathematics & Astronomy, Lucknow University	Depletion and Conservation of Forestry Biomass: Mathematical Model.
	Contributed 9	12:30pm-12:45pm	Dr. Pragya Mishra Maharana Pratap Govt. P.G. College, Hardoi	Modelling and stability analysis of Swine Flu Transmission
	Contributed 10	12:45pm-01:00pm	Dr. Rachana Pathak Lucknow University	Modeling the Role of Industrialization on the Depletion of Forest Biomass of Resources and its Conservation by using Genetic Plantation
Tech Session 3d	Chairman: Prof	. Poosan Moopanar N	/ /uthu	
Venue: Outreach Auditorium	Contributed 11	11:30am-11:45am	Geetanjali Chattopadhyay IIT Madras	Instabilities due to asymmetric reverse flow in a viscosity stratified plane Poiseuille flow.

(seminar room)	Contributed 12	11:45am-12:00am	Rajendra Choudhary IIT Indore	Stability Analysis of Bilinear Iterative Rational Krylov Algorithm.
	Contributed 13	12:00am-12:15pm	Navneet Pratap Singh IIT Indore	Preconditioned Iterative Solves in Model Reduction of Second Order Linear Dynamical Systems.
	Contributed 14	12:15pm-12:30pm	Pradeepa Teegala NIT Warangal	Nonlinear Convection Flow of a Micro polar Fluid under Convective Boundary Condition with Homogeneous-Heterogeneous Reactions.
	Contributed 15	12:30pm-12:45pm	Madhava Rao Gade NIT Warangal	Magnetic Effects on Pulsatile Flow of Copper Suspended Nano fluid Venture Through a Bifurcated Artery.
	Contributed 16	12:45pm-01:00pm		
	01	:00pm-02:00pm Lun	ch Break (Visitor's Hostel Lawns)	
Technical Session	4(a,b,c,d)(02:00	pm-04:00 pm)		
	Chairman: Prof	. Pravir Dutt		
Tech Session 4a Venue: PBCEA-A	Invited 11	02:00pm-02:30pm	Prof. S Chandra Sekhara Rao Department of Mathematics Indian Institute of Technology Delhi	Parallel solution of large sparse diagonally dominant linear systems.
	Invited 12	02:30pm-03:00pm	Prof. Kailash C Patidar Department of Mathematics University of Western Cape	Applications of singular perturbation approaches for problems in mathematical biology.

	Invited 13	03:00pm-03:30pm	Prof. Kapil K Sharma	A Parameter Uniform			
			Department of Mathematics	Numerical Method for time			
			South Asian University New	dependent Singularly			
			Delhi	Perturbed Partial Differential-			
				Difference Equations.			
	Invited 14	03:30pm-04:00pm	Prof. Ritesh KumarDubey	Efficient third order accurate			
			Department of Mathematics,	entropy satisfying TVD and			
			Kattankulathur Campus,	WENO schemes.			
			SRM University				
Tech Session 4b	Chairman: Prof.	Chairman: Prof. G. P. Kapoor					
	Invited 15	02:00pm-02:30pm	Prof. Anand Prakash Singh	A Glimpse Into The			
Venue: PBCEA-B			Department of Mathematics,	Mathematical Contributions Of			
			Central University of Rajasthan	Professor G. P. Kapoor.			
	Invited 16	02:30pm-03:00pm	Prof. M. Guru Prem Prasad	Dynamics of Transcendental			
			Department of Mathematics	Entire Functions.			
			Indian Institute of Technology				
			Guwahati				
		03:00pm-03:30pm	Prof. A. K. Bedabrata Chand	Fractal Interpolation and			
	Invited 17		Department of mathematics,	Approximation.			
			Indian Institute of Technology				
			Madras, Chennai				
	Contributed 17	03:30pm-03:45pm	Saurabh KumarKatiyar	A-Fractal Rational Functions			
			IIT Madras	and Their Positivity Aspects.			
	Contributed 18	03:45pm-04:00pm	Md Nasim Akhtar	Image Compression using			
			IIT Guwahati	Fractal Multiwavelet			
				Transform.			

Tech Session 4c	Chairman: Prof.	Peeyush Chandra		
	Invited 18	02:00pm-02:30pm	Prof. Pentyala Srinivasa Rao	Discontinous Galerkin
Venue: PBCEA-C			Department of Applied	Methods: Special Reference to
			Mathematics, Indian School of	High Speed Lubrication.
			Mines Dhanbad	
	Invited 19	02:30pm-03:00pm	Prof. Poosan Moopanar Muthu	Oscillatory flow in elastic tubes
			Department of Mathematics,	of varying cross-section with
			National Institute of	suction/injection.
			Technology Warangal	
	Contributed 19	03:00pm-03:15pm	Dr. Deepa Chauhan	Transient Analysis of Finite
			Allenhouse Institute of	Capacity M/M/1 Queue with
			Technology, Kanpur	Priority Based Service and
				Repairable Server.
	Contributed 20	03:15pm-03:30pm	Dr. Nimisha Mishra	Analytical Model for Air
			AMITY University, Lucknow	Pollution in the Atmospheric
				Boundary Layer.
	Contributed 21	03:30pm-03:45pm	Dr. Chandhini Godavarma Raja	Radial Basis Function Solutions
			NIT Karnataka	for Nonlinear Fractional Order
				Initial Value Problems.
	Contributed 22	03:45pm-04:00pm	Dr. Alok Aggarwal	Modeling the Adverse Effect of
			AMITY University, Lucknow	Two Toxicants Causing
				Deformity in a Subclass of a
				Biological Species.
	Chairman: Prof.	A.K.Mishra		
Tech Session 4d	Contributed 23	02:00pm-02:15pm	Dr.Maitri Verma	Modeling the consumers'
Venue:			Banaras Hindu University,	response to rarity on the
Outreach			Varansi	exploitation of Wildlife species
Outreatri				subjected to Allee effect.

Auditorium	Contributed 24	02:15pm-02:30pm	Ku. Vandana	Inventory model for
(seminar room)			Pt. Ravishankar shukla	deteriorating items with trade-
			University, Raipur	credit Policy.
	Contributed 25	02:30pm-02:45pm	Dr. Pankaj Kumar Tiwari	Spatiotemporal Dynamics of a
			Agricultural and Ecological	Predator-Prey System with
			Research Unit, ISI Kolkata	Refuge In Prey and Alternative
				Food for Predator.
	Contributed 26	02:45pm-03:00pm	Rajanish Kumar Rai	Modeling The Effect Of Time
			Banaras Hindu University	Delay In Budget Allocation To
			Varansi	Control An Epidemic Through
				Awareness.
	Contributed 27	03:00pm-03:15pm	Ravi Kumar Sahu	Structural characterization of
			Tezpur Central University	fibril forming segment (non-
				amyloid- β component) of α -
				synuclein using Molecular
				Dynamics simulation.
	Contributed 28	03:15pm-03:30pm	Alok Gupta	Cholera dynamics with
			Banaras Hindu University,	Bacteriophage infection: A
			Varansi	mathematical study.
	Contributed 29	03:30pm-03:45pm	Dr. Kusum Lata	A mathematical model to
			Banaras Hindu University,	achieve sustainable forest
			Varansi	management.
	Contributed 30	03:45pm-04:00pm	Agraj Tripathi	Role of Media to Control the
			Bhabha Institute of	Spread of infectious diseases:
			Technology, Kanpur	A Modeling Study .

04:00pm-04:30pm Tea Break (Outreach Auditorium)

Technical Sessi	on 5						
Venue:	Chairman: Pr	Chairman: Prof. Carsten Cartensen					
Outreach Auditorium	Invited 20	04:30pm -05:15pm	Prof. V Raghawendra Department of Mathematics, Indian Institute of Technology Kanpur	Weak solutions of Linear PDE with constant Coefficients.			
	Invited 21	05:15pm -06:00pm	Prof. A K Nandakumaran Department of Mathematics , Indian Institute of Science Bangalore	Characterization Optimal Control via Unfolding Operator and Homogenization.			
	Invited 22	06:00pm -06:30pm	Prof. Thirupathi Gudi Department of Mathematics , Indian Institute of Science Bangalore	An energy space based approach for the finite element approximation of the Dirichlet boundary control problem.			
	1	06:30 pm – 07:3	30 pm (IAMMS Meeting)				
		08:00 pm –	10:00 pm (Banquet)				
		Day Three (2	29-03-2016: Tuesday)				
Technical Sessi	on 6						
Venue:	Chairman: Pr	of. Relja Volanovic					
Outreach Auditorium	Invited 23	09:00am -09:45am	Prof. Veerappa Gowda TIFR Centre for Applicable Mathematics, Bangalore	Structure of entropy solutions to scalar conservation laws with strictly convex flux.			
	Invited 24	09:45am-10:30am	Prof. Vasudeva Murthy TIFR Centre for Applicable Mathematics, Bangalore	Revisiting the slow manifold of the Lorenz-Krishnamurthy quintet.			

	Invited 25	10:30am-11:00am	Prof. Venky Krishnan	Inversion of restricted ray
			TIFR Centre for Applicable	transforms of symmetric m-
			Mathematics, Bangalore	tensor fields in n-dimensional
				Euclidean space
	1	l1:00am-11:30am Te	a Break (Outreach Auditorium)	
Technical Session	7(a,b,c,d)(11:30	am-1:00 pm)		
Tech Session 7a	Chairman: Prof	. Mohan K Kadalbajoo	0	
Venue: PBCEA-A	Invited 26	11:30am-12:00am	Prof. Y N Reddy Department of Mathematics National Institute of Technology, Warangal	Numerical Integration Method for Singularly Perturbed Differential-Difference Equations.
	Invited 27	12:00am-12:30am	Prof. VP Ramesh School of Mathematics & Computer Science, Central University of Tamil Nadu	Permutations and its applications to Sudoku.
	Invited 28	12:30pm-01:00pm	Prof. Devendra Kumar Department of Mathematics Birla Institute of Technology and Science, Pilani	Solution of Fractional Order Differential Equations.
Tech Session 7b	Chairman: Prof	. Malay Banerjee		
Venue: PBCEA-B	Contributed 31	11:30am-11:45ap	Dr. Deepmala SQC & OR Unit, ISI Kolkata	Aircraft Recovery: An Optimization Approach.
	Contributed 32	11:45am-12:00am	Anuj Kumar IIT Patna	Impact of Screening and Treatment on Control of Infectious Diseases.

	Contributed 33	12:00am-12:15pm	Anuradha Yadav	Impact Of Information On
			IIT Patna	Diseases Prevalence When
				Treatment Is Available.
	Contributed 34	12:15pm-12:30pm	Shiju S	Mathematical modeling of
			IIIT Delhi	mammalian circadian oscillator
				explains the role of per1 and
				per2 in morning and evening
				oscillators.
	Contributed 35	12:30am-12:45pm	Bhupesh Dutt Sharma	Bio-Magnetic Fluid Flow of
			MNIT Allahabad	Blood through Stenotic Artery
	Contributed 36	12:45pm-01:00pm	Avadhesh Kumar	Exact Controllability of
			IIT Mandi	Fractional Integro-differential
				Systems Order $\alpha \in (1,2]$ with
				Deviated Argument.
Tech Session 7c	Chairman: Prof. Kailash C Patidar			
	Contributed 37	11:30am-11:45ap	Gopal Priyadarshi	Solving fourth order
Venue: PBCEA-C			IIT Kanpur	multidimensional elliptic
				partial differential equations
				using wavelet Galerkin
				method.
	Contributed 38	11:45am-12:00am	Sunil Kumar	A Finite Element Domain
			IIT Kanpur	Decomposition Approximation
				for a Semilinear Singularly
				Perturbed Differential
				Difference Equation.
	Contributed 39	12:00am-12:15pm	Dr. Shweta Raturi	Motion of a drop with thin
			IIT Kanpur	liquid layer in a bounded
				medium.

	Contributed 40 Contributed 41	12:15pm-12:30pm 12:30am-12:45pm	Awanish Kumar Tiwari IIT Kanpur Abdul Halim	A Rapidly Convergent Nyström Scheme for Electromagnetic Scattering from Orthotropic Media Fourier Spectral method for	
	Contributed 41	12.30am-12.43pm	IIT Kanpur	image Denoising.	
	Contributed 42	12:45pm-01:00pm	Pappu Kumar IIT BHU	Numerical solution of fractional hyperbolic bio-heat transfer equation using wavelet method.	
Tech Session 7d	Chairman: Prof. Pentyala Srinivasa Rao				
Venue: Outreach	Contributed 43	11:30am-11:45ap	Dr. Rajesh Prasad Central University of Rajasthan	2-D Problem of Mode-I Crack for a Type II Thermoelastic Medium.	
Auditorium (seminar room)	Contributed 44	11:45am-12:00am	Dr. Venkata Satish Kumar Mattaparthi Tezpur University	Effect of Tyrosine to Alanine mutations on the intermolecular interactions of α-synuclein dimer: A Potential of Mean Force study.	
	Contributed 45	12:00am-12:15pm	Dr. Jotindra Nath Roul Visva Baharati, West Bengal	Optimal control of product assortment in an imperfect and perfect Production system for infinite time horizon	
	Contributed 46	12:15pm-12:30pm	Peeyush Singh IIT Kanpur	Robust Technique for solving EHL point contact problems using TVD Approach.	

	Contributed 47 Contributed 48	12:30am-12:45pm 12:45pm-01:00pm	Jagadeeshwar Pashikanti NIT Warangal Hima Bindu Kethiri NIT, Warangal	Slip Viscous Flow with Double Stratification and Soret Effect over an Exponentially Stretching Sheet. Analysis of Entropy Generation between Porous Concentric Cylinders due to Micropolar
	01	:00nm-02:00nm Lun	 ch Break (Visitor's Hostel Lawns)	Fluid flow
Technical Session				
Tech Session 8a	n 8(a,b,c)(02:00 pm-04:00 pm) (Visitor's Hostel) Chairman: Prof. Y N Reddy			
Venue: PBCEA-A	Invited 29	02:00pm-02:30pm	Prof. Ashish Awasthi Department of Mathematics National Institute of Technology Calicut	A Robust Computational Approach to Solve Singularly Perturbed Differential Equations.
	Invited 30	02:30pm-03:00pm	Prof. Vivek Kumar Agarwal Delhi Technological university	Optimized adaptive mesh for singularly perturbed problems.
	Invited 31	03:00pm-03:30pm	Prof. Vikas Gupta Department of Mathematics LNMIIT Jaipur	Higher order numerical scheme for singularly perturbed differential-difference convection-diffusion problem.
	Contributed 49	03:30pm-03:45pm	Dr. Alpesh Kumar Department of Mathematics, Indian Institute of Technology Kanpur	A radial basis function based operator splitting method for pricing American options.

	Contributed 50	03:45pm-04:00pm	Lok Pati Tripathi	A finite element error estimate	
			Department of Mathematics,	for a parabolic partial	
			Indian Institute of Technology	differential Inequality arising	
			Kanpur	in the pricing of American	
				options.	
Tech Session 8b	Chairman: Prof. Kapil K Sharma				
	Invited 32	02:00pm-02:30pm	Prof. Boddapati Srivathsa	Simulation of stress build-up	
Venue: PBCEA-B			Modelling and Simulation	and failure in a thermal barrier	
			Group DMRL, DRDO,	coating system during thermal	
			Kanchanbagh	cycling.	
	Invited 33	02:30pm-03:00pm	Prof. Vivek Sangwan	A Robust Exponentially Fitted	
			Thapar University, Patiala	Finite Element Technique for	
				Singularly Perturbed	
				Differential Difference	
				Equations.	
	Contributed 51	03:00pm-03:45pm	Ambuj Pandey	A Rapidly Convergent Nyström	
			Department of Mathematics,	Scheme for Scattering by	
			Indian Institute of Technology	Three Dimensional	
			Kanpur	Inhomogeneous Media.	
	Contributed 52	03:45pm-04:00pm	Meena Pargaei	Existence for the bidomain	
			Department of Mathematics,	model used in	
			Indian Institute of Technology	electrophysiology.	
			Kanpur		
Tech Session 8c	Chairman: Prof. Ram Naresh				
	Invited 34	02:00pm-02:45pm	Prof. J.B. Shukla	Modelling the Effects	
Venue: PBCEA-C			Department of Mathematics,	of Awareness Program by	
			Indian Institute of Technology Kanpur	Media On Biosystems.	

	Invited 35	02:45pm-03:15pm	Prof. Arvind Kumar Mishra Department of Mathematics, Banaras Hindu University	Modeling the interplay between epidemic and media campaigns.	
	Invited 36	03:15pm-03:45pm	Varanasi Prof. Shikha Singh Department of Mathematics PPN College, CSJM University, Kanpur	Modeling Bioterrorism In A Population : Effects Of Infectious Agents.	
	Contributed 53	03:45pm-04:00pm			
	C	04:00pm-04:30pm Te	a Break (Outreach Auditorium)		
Technical Sessi	on 9 (Outreach Aud	itorium)			
	Chairman: Prof. B V Rathish Kumar				
Venue: Outreach Auditorium	Invited 38	04:30pm-05:15pm	Prof Pravir Dutt Department of Matematics, Indian Institute of Technology Kanpur	Least-Squares Spectral Element Method For Stokes Equations on Non Smooth Domains Using parallel	

05:15pm-06:00pm Valedictory Function (Outreach Auditorium)

Computers.