National Conference On RECENT TRENDS IN APPLIED SCIENCES AND COMPUTING ENGINEERING (NCRTASCE 2019) 26th & 27th July - 2019 REGISTRATION FORM Name: Qualification Designation Address Mobile no Email ID

Research Area

Name of the Bank.

Place:

Teaching/Research Experience:

Participation only : Yes / No

Details of Online Transaction/DD.

UTR/IMPS Reference No. with Date:

Signature

ALMISSION OF THE RESEARCH PAPER

Abstracts in MS word using times new roman, font size = 12 point, should be used and restricted to a maximum of 300 words and not have any figures / diagrams/tables/references.

PUBLICATIONS

Few accepted papers will be published in "JNNCE Journal of Engineering and Management (JJEM)" Abstracts and full length paper should be mailed to innncrtasce@jnnce.ac.in

IMPORTANT DATES

Last date for submission of papers 30th June 2019 Acceptance date 10th July 2019

REGISTRATION FEE for Participants

Faculty Members Rs. 1000
Research Scholars and Students Rs. 800
Accompanying persons Rs. 800

Note: Registration fee does not include accommodation. However accommodation may be provided to the participants with a nominal fee in the college hostel. No TA/DA will be provided for the participants.

PAYMENT/ACCOUNT DETAILS (ONLINE REGISTRATION)

 Name
 : Principal JNNCE

 Bank A/c No
 : 6322201000004

 Name of the Bank
 : CANARA BANK

 Branch
 : JNNCE Campus, Shivamogqa

IFSC code : CNRB0006322

FOR FURTHER DETAILS CONTACT

Dr. Krishnamurthy M.R : 8861946294
Sri Anil S.C : 9844429230
Sri Pandith Girl Mohan Das P.K : 9972111107
Email ID: jnnncrtasce@jnnce.ac.in

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In Association with ISTE, New Delhi

National Conference On RECENT TRENDS IN APPLIED SCIENCES AND COMPUTING ENGINEERING

(NCRTASCE 2019)

26"& 27" July - 2019



ABOUT THE COLLEGE

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belgaum and recognized by AICTE, New Delhi. It offers 7 UG and 7 M. Tech programs besid MBA and MCA. It has 7 Research Centers recognized by VTU Spread over 52 acres, the campus has all the amenities to cater to the needs of about 3500 students and 400 faculty and staff. All the departments have good infrastructural facilities with highly qualified and experienced faculty, staff and well equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 42nd among top Engineering colleges in India and 7th in Kamataka as per Outlook survey 2018. The Institution is Accredited by NAAC and approved by AICTE, New Delhi. The college is providing its fruitful services in the 38th year. The college organizes international and national workshops, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

ABOUT THE DEPARTMENT

The Department of Mathematics forms the supporting group to various disciplines. The staff members of the department are committed to innovation in teaching, excellence in basic and applied research and enhancement of the quality of student's life. The department has a research centre recognized by VTU, Karnataka

The faculty members have published more than 75 research papers in reputed National/International Journals, At present the number of research scholars registered for Ph.D. Programme is 2. The Thrust areas in research are Differential Geometry and Fluid Mechanics. The department has applied for different projects in VGST and SERB.

VISION

To be a pacesetting institute in technical & management education and research for producing highly competent engineers, managers & entrepreneurs to meet the needs of industry and society.

MISSION

- Impart Quality education through flexible and innovative teaching learning process
- Enable and ignite young minds to excel in their career and life with entrepreneurial spirit, professional ethics and human values
- Facilitate invention based research and collaborate with industries to address societal needs

ABOUT THE CONFERENCE

The objective of the conference is to provide a unique platform for exchanging ideas and in-depth discussions on different aspects of Theoritical and Applied Mathematics and to encourage outstanding mathematical contributions which possess the scope to have a direct and fundamental impact of scientific, business finance and engineering application. The focus of the conference is on current research techniques involving computational aspects and developments in different areas of Geometry Analysis and fluid mechanics, including their applications in various disciplines. The conference not only provides a platform for strengthening the mathematical research, but also an opportunity for the participants to know the emerging areas of research.

The conference will include invited talks, discussions and paper presentation sessions. Leading mathematicians will deliver special lectures on recent trends in applied sciences and computing engineering and chair sessions.

TOPICS

Track 1: Theoretical Mathematics

- Algebra and Analysis
- Topology and its Applications Differential and Riemaniann Geometry
- Graph Theory
- Differential Equations, Quality Theory of Differential Equations, PDEs, Dynamical Systems
- Numerical Solution ODEs, Numerical Solution PDEs Computational Statistics, Statistical Inference,
- Demography, Bayesian statistics, Probability Biomechanics
- Wavelets and Spectrum Theory

Track 2 : Applied Mathematics

- Operations Research (OR)
- Stability Analysis and Control Theory
- Optimization, Modelling, and Simulation
- Fluid Dynamics/ Mechanics
- Non linear Control, Sustainable Development
- Biomathematics
- Graph Theory and its Application
- Coding Theory, Reliability
- Track 3: Application of Mathematics in Science/ Engineering/ Management
 - Image Processing, Artificial Neural Network, Genetic Algorithms, Fuzzy Theory
 - Industrial Mathematics
 - **Engineering Applications of Mathematics**
 - Cloud Computing/ Mobile Applications
 - Intelligent Systems, Soft Computing, Machine Learning and Natural Language Processing

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Dr. Krishnamurthy M.R.

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Dr. Gurupadavva Ingalahalli

Assistant Professors. Dept of Mathematics INNCE

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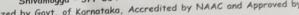
Prof. S.K. Narasimhamurthy, Kuvempu University, Shivamogga

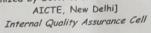
Dr. Venkatesha, Kuvempu University, Shivamogga





Jawaharlal Nehru National College of Engineering, Shivamogga - 577 204 [Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka, Accredited by NAAC and Approved by AICTE, New Delhi]







Sessions Attendance List:

	tendance List:	Name & Address of the Candidate Title of the Paper		uly 2019	27th july 2019		
Sl. No.	Name & Address of the Canadan		Morning Session	Afternoon session	Morning Session	Afternoon session	
1	Somashekhara P Assistant Professor Department of Mathematics Govt. First Grade College, Kadur-577548, Chickmagalur Mobile No: 9036075205	Concircularly φ-recurrent generalized sasakian space form	9	1	*	8	
2	Email Id: somumathrishi@gmail.com Dr. Latha Kumari G.N Assistant Professor Government science college, Bangaluru	Projectively flat kropina metric with k=0	Vio:	lu	100	le	
3	Phalaksha Murthy B Assistant Professor Department of Mathematics, Government Science College, Chitradurga-577501,	On para-sasakian manifolds satisfying certain Curvature conditions		A		15	
	Research Scholar Department of PG Studies and Research in Mathematics, Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shivamogga, Karnataka, India		Horranie	+ p- manight			
1		On holomorphic curvature of complex finsler square metric	0	02			

SI. No.	Name & Address of the Candidate	Title of the Paper	26 th july 2019		27 th july 2019	
			Morning Session	Afternoon session	Morning Session	Afternoon session
6	Dr.Divyashree G	On M-projective curvature tensor of a (LCS)n-Manifold	4	tel	\$ty	by
7	Arasaiah Assistant Professor Department of Mathematics, Kuvempu University Shankaraghatta - 577 451, Shimoga, Karnataka, INDIA. e-mail:vensmath@gmail.com, ars.gnr94@gmail.com	Almost kenmotsu manifold equipped with m-projective curvature tensor	4	A	*	De
8	Dr. Vishnuvardhana. S.V. Assistant Professor Department of Mathematics, GITAM School of Technology, GITAM(Deemed to be university), Bangalore, Karnataka, INDIA	Certain curvature conditions on n(k)- paracontact metric manifolds				
9	Shanmukha B Research Scholar Department of Mathematics, Kuvempu University, Shankaraghatta, Shivamogga, Karnataka, India	Some results on generalized sasakian space forms admitting trans-sasakian structure with respect to generalized tanaka webster okumara connection				
10	J.B.Toranagatti Assistant Professor Dept. of Mathematics, Karnataka university, Karnatka college, Dharwad Mobile No: 9986624200	More Properties of Almost Contra δgb- Continuous Functions	[36]	(A)		
11	Dr.Gurupadavva Ingalahalli Assistant Professor Department of Mathematics, J.N.N.C.E, Shimoga- 577 204, Karnataka, INDIA.	On ricci solitons in kenmotsu manifold		_		
12	Dr.R.T. Naveen Kumar Assistant Professor Department of Mathematics, Siddaganga Institute of Technology, B H Road, Tumakuru-572 103 E-mail: naveenrt@sit.ac.in	On (lcs)n-manifolds admitting a e- bochner curvature tensor	Na	16		

SL	Name & Address of the Candidate	Title of the Paper	alebibae) a	Address of th	y suren /	ic/		
NO.	Candidate	Title of the Paper	24° jury 2519					
					ATT SHAPE	2004		
			Morning Session	Afternoon session	Morning Session	Afternoon session		
3	Venkatesha K.S Research Scholar Department of PG Studies and Research in Mathematics, Kurempu University, Juana Sahyadri, Shankaraghatta, Shivamogga, Kamataka, India EMail: nmurthysk@gmail.com	On a complex matsumoto space	X.	X.				
14	Dr. Pradeep Kumar K. T. Assistant Professor Department of Mathematics, A. C. S. College of Engineering, Bengaluru, Karnataka, India -mail: ktpradeepkumar@zmail.com	Curvature properties of almost c(λ)-manifolds	Parel	21	2	20		
15	Dr.M.S. Siddesha Assistant Professor Department of mathematics, New . Horizon College of Engineering, Outer Ring Road, Marathahalli, Bangalore-560103, India. E-mail: mssiddesha@gmai.com	On slant submanifolds of a conformal kenmotsu manifold	Saul	21	21	80		
16	Dr.B.S. ANITHA Assistant Professor Department of Mathematics RajaRajeswari College of Engineering, Banglore- 74 and Kuvempu University Shankaraghatta - 577 451, Shimoga, Karnataka, INDIA. Email: abanithabs@gmail.com prof bagewadi@yahoo.co.in	Semi and bi-semiparallelism of invariant submanifolds of kenmotsu manifolds	Avilo	Auto	Amila	Anila		
17	Dr. P T Manjunatha HOD Department of mathematics, Government Science College, Chitradurga-577502, Karnataka,	Multiple slip effect on stretched flow of carreaunanofluid with nonlinear thermal radiation	Mono	Many	Many	Many		

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No.	- Candidate	Title of the Paper	26 th july 2019		27th ju	ly 2019
18	Dr.Lokesh H J		Morning Session	Afternoon session	Morning	Afternoon
	HOD Department of mathematics, SJM Institute of technology, Chitradurga-577502, Karnataka, *Email: vidyaranini@gmail.com	Three-Dimensional (3d) Rotating Flow Of Selenium Nanoparticles Past An Exponentially Stretchable Surface Due To Solar Energy Radiation		35331011	Session	session
20	Dr.N.G.Rudraswamy Assistant Professor Department of Mathematics, PC Jabin college, Hubballi E-mail:ngrudraswamy@gmail.com,	Double-diffusive free convective boundary layerflow of a maxwell nanofluid in the presence of nonlinear thermal Radiation over a stretching sheet	Pup	Pernef	Penal	Fral
	Dr.C.T.Srinivas Assistant Professor, 2Department of Mathematics, Vedavathi collage, Hiriyur, Karnataka, India.	Enhancement of heat transfer in a convergent/divergent channel by using carbon nanotubes in the presence of a darcy-forchheimer medium	Sri	524	Sr:	Lo.
21	Dr.M R Krishnamurthy Assistant Professor Department of Mathematics, JNNCE, Shimoga, Karnataka, INDIA.	Nonlinear convective heat and mass transfer of oldroyd-b nanofluid over a stretching sheet in the presence of uniform heat source/sink				
22	Dr.G.K.Ramesh Assistant Professor Department of Mathematics, K.L.E Society's J.T. College, Gadag-582101, Karnataka, INDIA Email:gkrmaths@gmail.com,	ND-CO3O4/EG hybrid nanoliquid through a permeable cylinder under homogeneous-heterogeneous reactions and slip effects	2	Rom	Roma	Pay
23	NARENDRA V.H. Assistant Professor Department of Mathematics, GFGC Holalkere-577526, Karnataka State, India. Corresponding Email: narendravh@gmail.com	An unsteady flow and heat transfer of casson fluid over a contract cylinder				
24	Dr.G.M.Pavithra Assistant Professor Department of Mathematics, Sahyadri Science College, Shivamogga-577 203, Karnataka, INDIA.	Fluid-particle suspension in unsteady mhd flow and heat transfer over a vertical exponential stretching sheet	Pita	Jour Sec	8 1 3 pm	Bitops
25	Shivaraju N Assistant, Professor of Mathematics, GFGC For Women Davanagere-577004 Karnataka, India	Mhd flow, heat and mass transfer of nanofluid over a stretching sheet by considering nonlinear radiation	Shu	8har	ghy	Sh

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SL	Name d	Address of the Candidate					2)
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				Morning Session	Afternoon	Morning	Afternoon
26		ofessor of Mathematics, SJM Institution gy Chitradurga-577502,	Slip flow and radiative heat transfer behavior of titanium alloy and ferromagnetic nanoparticles along with suspension of dusty fluid	140	<u>ke</u>	Session <u>L.Ce</u>	<u>K. G</u>
27	V.S. Nalina Department	of Mathematics, SJM Arts, Comers collage Chitradurga-	Darcy-forchheimer flow and heat transfer augmentation of a viscoelastic fluid over an incessant moving needle in the presence of viscous dissipation	Poly	00	pp	Q.P
28		holar ematics, Kuvempu University, a-577451, Shivamogga	Exponential space dependent heat source impact on mhd convective flow of casson fluid over curved stretching sheet with chemical reaction	100	80		
29	Engineering University, Mathematic	asad K C cholar UBDT College of "Visvesvaraya Technological Belagavi Department of s, Jain Institute of Technology, - 577003 Karnataka	Vertex semi-middle graph of a graph	kj. do or	Bloom	Quit War	Pri Bar
30		ofessor of P. G. Studies in Mathematics, t Science College, Chitradurga-	Magnetohydrodynamics effect on three dimensional Viscous incompressible flow between two horizontal parallel porous plates and heat transfer	Winhor	Vuli	webi	wehi
31		rofessor, Department of es, JNNCE, Shivamogga,	Application of mathematics-fabrication of box wing plane	TO	FW-	पि	TW-
32	Girisha yad Vedavathi (577598, Ka		Exploring the cattaneo-christov heat flux phenomenon on reiner-philippoff fluid through a transverse magnetic field	8	D		
33	G.Sowmya Research So Dept. of Ma	* D .	Temperature distribution analysis in a fully wet moving radial porous fin by finite element method	& my	8 my	& myt	& my

Title of the Paper

Name & Address of the Candidate

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SL No.	Name & Address of the Candidate	Title of the Paper	26" July	1 010	27th July 2019		
			Morning Session	Afternoon session	Morning Session	Afternoon session	
35	A Roja Research Scholar Department of PG Studies and Research in Mathematics, Kuvempu University, Shankaraghatta, 577451, ShimogaKarnataka, India. Emails:, rojaasrg@gmail.com	Entropy generation analysis of micropolar nanofluid flow through an inclined microchannel with multiple slips in presence of uniform heat source/sink		at		<u>*</u>	
36	S. Sindhu Research Scholar Department of Studies and Research in Mathematics, Kuvempu University, Shankaraghatta-577451, Shivamogga, Karnataka, INDIA. Email: sindhusundars1@gmail.com	Entropy generation analysis of nanoliquid flow through microchannel considering heat source and the influence of different shape of nanoparticle	C.M.	كسلسن	Julland	Siller	
37	krishna B. Chavaraddi Department of Mathematics, S.S. Government First Grade College and P.G. Studies Center, Nargund-582207, Karnataka	Solution of heat equation by homotopy perturbation method					
38	Dr. B. Mahanthesh Assistant Professor Department of Mathematics, CHRIST (Deemed to be University), Bangalore- 560029, Karnataka, INDIA. Email: mahanthesh.b@christuniversity.in	Statistical and exact analysis of mhd flow due to hybrid nanoparticles suspended in c ₂ h ₆ o ₂ -h ₂ o Hybrid base fluid					
39	Joby Mackolil Research Scholar Department of Mathematics, CHRIST (Deemed to be University), Bangalore- 560029, Karnataka, INDIA	Exact analysis of nonlinear convection in cu-al2o3 -h2o hybrid nanofluid with radiative heat and particle suspension					
40	Thriveni K Research Scholar Department of Mathematics, CHRIST (Deemed to be University), Bangalore	Significance of induced magnetic field and exponential heat source on quadratic convective flow of casson fluid in a vertical micro-channel					
41	Dr.Archana M Assistant Professor Shri Kadasiddheshwar Arts College & H.S.Kotambri Science Institute Hubballi-31	Effect of variable viscosity on marangoni convective boundary layer flow of nanofluid in the presence of mixed convection	5	8	8	8	

	Name & Address of the Candidate	tile of the Paper	Morning Session	Afternoon session	Merrainy, Sension	Afternoon
A	r.Prasanna Kumara B.C ssociate Professor epartment of Mathematics, Davangere iniversity, Davangere	Thermodynamics analysis of a casson nanofluid flow through a porous microchannel in the presence of hydrodynamic slip: a model of solar radiation	Bel	Tel.	<u>kel</u>	3.0
1	Dr.P.Venkatesh NOS ASSt。Pro それのす Department of Mathematics, Sahyadri Science College, Shivamogga	Mhd flow and nonlinear radiative heat transfer of non-newtoniar nanofluid over a nonlinear stretching sheet Nonlinear study of variable fluits.	Jorken	Darright	Servicistics.	The state of the s
4	Vanitha S.I.T Tumkur	properties on mixed convection heat and mass transfer flow in vertical plate with magnetic effects. Nd-co3o4/eg hybrid nanolique	a	100		
45	S Manjunatha Department of Mathematics, Faculty of Engineering, CHRIST (Deemed to be University Bengaluru- 560076, Karnataka, INDIA Email: manjubhushana@gmail.com	through a permeable cylinder und	300	3-10-10	39	59
46	Research Scholar B.E.(Mtech), Department Of Computer Science & Engineering, JNNCE,					
4	Shivamoggaa Narendra Kumar S, Sagar N.P, Mohammed Waseem and Nishanth S Research Scholar Department of CSE Jawaharlal Nehru Nationa College Of Engineering, Shivamogga		ing of the second	and land		
	Email: Narendra@jnnce.ac.in 48	A second of the	gga			

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SL No.	Name & Address of the Candidate	Title of the Paper	26 th july 2019		27 th july 2619	
49	Sudeep Manohar, Asst. Professor, Ananya M D, Anju G D, Sinchana T S, Shreya N Department of Information Science and Engineering Jawaharlal Nehru National College of Engineering, Shimoga.	lot based smart poultry farming	Morning Session	Afternoon session	Morning Session	Afternoon session
50 D	Ashwini M Rao Department of Mathematics, Bapuji Institute of Engineering and Technology, Davanagere.	A Mathematical Approach On The Study Of Glucose-Insulin Model To Quantify The Various Levels Of Glucose Uptake In Response To Insulin Behavior	A de	13	2017	A 27411
51	Dr. Sathisha A B ¹ Department of Mathematics, Government Science College, Chitradurga.	Mathematical Investigation On The Physiological Effects Of Road Traffic Noise – A Reference To Varying Frequency	B	B .		B
52	DR. SUBRAMANYA. K Dept. of PHYSICS, Asst. Professor, Subradri Sience College		C.L.	@\$		
53	Shown offer,					
55	Supritha. M.R. Asst. prof, Dept of EGE JNNCE, Shimoga	A Battery-Buper Exepair Capacitod hybrid Exergy Storage sys for an Integrated Microgrid: A Survey	nere Tem	HERE	HRS	

	Name & Address of the Candidate	Title of the Paper				
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6	Umeshaiah.M	Three dimensional boundary	Morning Session	Afternoon session	Morning Session	Afternoos
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