

Report

“International Conference on Advances in Mathematics, Science and Technology” (ICAMST–2020) **(Blended Mode)**

Part - I

Organisation Committee

Chief Patron	Prof. Saket Kushwaha, Vice Chancellor, RGU.
Patron	Prof. Amitava Mitra, Pro-Vice Chancellor, RGU.
Patron	Prof. Tomo Riba, Registrar i/c, RGU.
Patron	Prof. Pradip Kumar Kalita, Dean Faculty of Basic Sciences, IT & Engineering, RGU.
Convener	Prof. Sahin Ahmed, Former Head, Department of Mathematics, RGU.
Coordinator	Mr. Bhaskar Jyoti Chutia, Department of Computer Science & Engineering, RGU.

Scientific Committee –

1. Prof. Dinesh Singh
Former Vice Chancellor, University of Delhi.
Professor, Department of Mathematics, University of Delhi, Delhi, India.
2. Prof. Satyajit Roy, FNASc
Department of Mathematics, IIT Madras, India.
3. Prof. Anant R. Shastri
Department of Mathematics, IIT Bombay, Powai, Mumbai, India.
4. Prof. G. C Hazarika
Chair Person, CCSA, Dibrugarh University, Assam, India.
5. Prof. Joaquin Zueco
Universidad Politécnica de Cartagena, 30202, Cartagena (Murcia), Spain.
6. Prof. Ali J. Chamkha
Institute of Research and Development, Duy Tan University, Da Nang 550000, Vietnam. Institute of Theoretical and Applied Research (ITAR), Duy Tan University, Hanoi 100000, Vietnam.
7. Prof. B. S. Dandabat
Department of Mathematics, ISI Kolkata, India.
8. Prof. S. N. Bora
Department of Mathematics, IIT Guwahati, Assam, India.
9. Prof. M. Sheikholeslami
Department of Mechanical Engineering, Babol Noshirvani University of Technology, Babol, Iran.
10. Prof. Taher Armaghani
Shahrood University of Technology, School of Mechanical Engineering, Shahrood, Iran.
11. Prof. K. Vajravelu
Department of Mathematics, University of Central Florida, Orlando, FL 32816, USA.
12. Prof. J. V. Ramana Murthy
Department of Mathematics, National Institute of Technology Warangal, India.
13. Prof. Mehdi Eslami

Editorial Board (Abstracts) –

1. Prof. G. C Hazarika
2. Prof. S. N. Bora
3. Prof. Sahin Ahmed
4. Prof. R. P. Sharma
5. Prof. M. Sheikholeslami

Part – II International Conference (Blended Mode)

“International Conference on Advances in Mathematics, Science and Technology” (ICAMST–2020) organized by Department of Mathematics, Rajiv Gandhi University, Rono Hills, 791112, Arunachal Pradesh, India during 1–3 September, 2020.

2.1: Background / Concept Notes and Objectives –

The overwhelming effects of COVID–19 Pandemic on University Education and Researches are drawing special attention by the experts so that the whole Education system is able to adjust with the new reality. To overcome a little from such situation, Universities and other Educational Institute have employed advanced online platform and adopt new Technologies to impart Education in safe, user friendly and accessible to all in a reasonable cost. ICAMST–2020 is also a result of such thinking.

In such a scenario, International Conference on Advances in Mathematics, Science and Technology–2020 (ICAMST–2020) organized by Department of Mathematics, Rajiv Gandhi University, India is aimed to provide a common online platform for Researchers, Scientists, Engineers and other interested professionals to present their latest findings, ideas, developments and applications covering aspects of the History and Development of Mathematical Sciences with their latest Applications. This Conference is the premium forum for the presentation of new advances, research results and to discuss the future trends in the fields of Mathematics along with Science and Technology by exchanging knowledge.

This Conference brings a key platform to share experiences and propose strategic approvals to strengthen the role of Mathematics and Allied Sciences in our real world.

The Conference had a high standard of presentations and there was significant interest from participants to be involved in the invention of the best output of their research work. Each Speaker discussed various recent developments and Delivered Talk with the aim of making improvements in the respective research areas.

2.2: Themes and Sub-themes

The Conference adopts a timely title and theme, which has penetrated into almost all areas of Mathematics involving Science and Technology from the most basic level to the most complex level for scientific research and investigations. I think this Conference brushes upon a spectrum of exciting and benefitting knowledge. The invited speakers from different countries in the Conference had contributed their high quality conceptual, constructive, experimental, or theoretical research work in the areas of Mathematics and Applications, which will provide an opportunity for young researchers to update their knowledge in recent trends in different research areas of mathematics.

2.3: Details of the Resource Persons

Sl. No.	Resource Person(s)	Photograph(s)
1	<p>Prof. Dinesh Singh Former Vice Chancellor, University of Delhi, Delhi Professor, Department of Mathematics, University of Delhi, Delhi, India Email Id: dineshsingh1@gmail.com</p> <p>Chancellor K. R. Mangalam University Gurugram, Haryana, India</p> <p>Chief Guest, ICAMST-2020 Padma Shri Professor Dinesh Singh</p>	
2	<p>Prof. Mohsen Sheikholeslami Department of Mechanical Engineering, Babol Noshirvani University of Technology, Babol, Iran Email: Mohsen.sheikholeslami@nit.ac.ir</p>	
3	<p>Prof. B. S. Dandapat Former Head of Physics & Applied Mathematics ISI Calcutta, Kolkata, W. B., India. Email Id: bsdandapat@rediffmail.com bsdandapat@gmail.com</p>	

4	<p>Prof. Anant R. Shastri Department of Mathematics, IIT Bombay, Mumbai, Maharashtra, India. Email: Anant.shastri@gmail.com</p>	
5	<p>J. V. Ramana Murthy Professor (HAG) Department of Mathematics National Institute of Technology Warangal – 506 004 Tel +91-870-2462813 (O) Mobile : +918332969449 Email : jvr@nitw.ac.in</p>	
6	<p>Dr. Mahdi Eslami Faculty member of Electrical Engineering Department, West Tehran Branch, Islamic Azad University, Tehran, Iran. Floor 4, Block 3, Central Organization of Islamic Azad University, Daneshgah Blvd, Moradabad, Tehran, Iran, Cell: (98) 912-333-1943, 02147353422, Email: m.eslami1@ut.ac.ir, mahdeslami1@gmail.com</p>	
7	<p>Dr. Noor Fadiya Mohd Noor Senior Lecturer cum Assistant Deputy Head of Research & Innovation Institute of Mathematical Sciences, Faculty of Science, University of Malaya. Email: drfadiya@um.edu.my</p>	

8	<p>Dr. Swati Mukhopadhyay BOYSCAST Fellow Professor (Mathematics) Department of Mathematics. The University of Burdwan Burdwan-713104, West Bengal, India. Emails: swati_bumath@yahoo.co.in, smukhopadhyay@math.buruniv.ac.in Telephone: +919735119297</p>	
9	<p>Prof. Satyajit Roy, FNASc Professor of Mathematics Department of Mathematics, I.I.T. Madras, Chennai. Email: sjroy@iitm.ac.in Ph: +91-44-22574617 Fax: +91-44-22574602</p>	
10	<p>Dr. Swaroop Nandan Bora Professor of Mathematics Department of Mathematics Indian Institute of Technology Guwahati, Guwahati-781039, Assam, India. Contact: Phone: +91 361 258 4604 (Res), 361 258 2604 (Work) 99540 12699 (Mobile).</p>	
11	<p>Dr. Sahin Ahmed Professor of Mathematics, Department of Mathematics Rajiv Gandhi University (A Central University) Convener, ICAMST-2020. Email: sahin.ahmed@rgu.ac.in , nanofluid.sahin@gmail.com Ph: +91-7085759135</p>	
12	<p>Prof. Taher Armaghani Shahrood University of Technology, School of Mechanical Engineering, Shahrood, Iran. Email: armaghani.taher@yahoo.com</p>	

13	<p>Dr. Shuvam Sen Associate Professor Department of Mathematical Sciences, Tezpur University, Tezpur-784028, Assam, India. Email: shuvam@tezu.ernet.in</p>	
14	<p>Dr. Bhim Prasad Sarmah Associate Professor Department of Mathematical Sciences, Tezpur University, Tezpur-784028, Assam, India. Phone(Ext.): 03712-27-5501/5504 Email: bhim@tezu.ernet.in</p>	
15	<p>Prof. Tazid Ali Department of Mathematics, Dibrugarh University, Dibrugarh, Assam, India. Email: tazid@dibru.ac.in</p>	
16	<p>Prof. Gopal Hazarika Department of Mathematics, Dibrugarh University, Dibrugarh, Assam, India. Director i/c, Centre for Computer Science and Applications, Dibrugarh University Email: gchazarika@gmail.com</p>	
17	<p>Dr. Ram Prakash Sharma Department of Mechanical Engineering, National Institute of Technology, Yupia, Papum Pare, Arunachal Pradesh-791112, India. Email: rpsharma@nitap.ac.in Website: https://www.nitap.ac.in</p>	

18	Dr. Binod Chandra Tripathy Department of Mathematics, Tripura University (A Central University) Suryamaninagar, Agartala-799022 Tripura. India. E-mail: tripathybc@yahoo.com ; tripathybc@rediffmail.com ; binodtripathy@tripurauniv.in Phone: 09864087231 (Mobile)	
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2.4: Sponsoring Agency (if any) and Details of the Sponsorship

No Sponsorship (No Financial Assistance has received from any Agency).

Part – III Session-wise Details

3.1: Inaugural Session

RGU Vice Chancellor Prof. Saket Kushwaha as the Chairman, Padmashree Prof. Dinesh Singh, former Vice Chancellor, University of Delhi as the Chief Guest and Prof. Satyajit Roy of the Department of Mathematics, IIT Madras as the Guest of Honour graced the inaugural session of the international conference. RGU Pro VC Prof. Amitava Mitra, RGU Registrar Prof. Tomo Riba, Dean, Faculty of Basic Sciences, Prof. P.K. Kalita and other senior professors along with participants from various parts of India, Iran, Bangladesh, Malaysia and Nepal, also attended the inaugural session, among others.

In this session, Prof. Sahin Ahmed, Convener, delivered his speech on the concept and motives of organizing the ICAMST-2020. Expressing his joy at the enthusiasm shown by the participants, he stated that abstracts from various departments other than mathematics like computer Science, Statistics, Physics, Chemistry, and many other branches of allied sciences have been received for the conference.

In the chairman's address, RGU Vice Chancellor Prof. Saket Kushwaha dwelled upon various aspects of the international conference while asserting that such type of conferences on mathematics, science and technology would be beneficial to Arunachal Pradesh where mathematics achievement is very poor.

Hailing the conference as 'a good thing for us', the Vice Chancellor appreciated the efforts of convener Prof. Sahin Ahmed in organizing such international conferences and stated that Prof. Ahmed is an experienced person and he had already conducted several conferences. Such types of conferences organized through Department of Mathematics are very useful, he added.

Padmashree Prof. Dinesh Singh as the Chief Guest of the session gave the keynote deliberation and pointed out many aspects of the international conference as to 'why it was necessary and why we interact here during this COVID 19 pandemic times'. He urged the participants to attend each and every resource person's sessions to exchange their views. The Guest of Honour of the inaugural session Prof. Satyajit Roy spoke on the topic 'Role of Mathematical Modeling in Industrial Waste Management System using mixed Convection Phenomena.' He highlighted the uses and benefits of the conference to the society.

RGU Pro VC Prof. Amitava Mitra, while addressing the session talked about the importance of research in mathematics while Prof. Tomo Riba in his speech highlighted the usefulness of the conference in contemporary times. Prof. P.K. Kalita also reiterated in his speech the usefulness and significance of such types of international conferences.

The inaugural session concluded with the organizing coordinator Mr. Bhaskar Jyoti Chutia extending the vote of thanks to the dignitaries and participants.

3.2: Plenary Sessions

Invited Speakers

Name	Title
Prof. Dinesh Singh Keynote Speaker as Chief Guest	The origins of Functional Analysis and Hilbert space Operator Theory
Prof. Mohsen Sheikholeslami	Molding of Solar Systems with Nanofluid
Prof. Anant R. Shastri	Local Parallel Reparameterization of Smooth Surfaces
Prof. J. V. Ramana Murthy	Biharmonic Equations and Their Applications
Prof. B. S. Dandapat	Waves on The Surface of A Conducting Falling Liquid Film In Presence of Electromagnetic Field

Prof. Swati Mukhopadhyay	Techniques and Applications of Computational Fluid Dynamics
Prof. Satyajit Roy	Role of Mathematical modeling in industrial waste management system using mixed convection phenomena
Prof. Swaroop Nandan Bora	Water Wave Scattering and Trapping of by a Composite Porous Breakwater Placed on an Elevated Bottom In A Two-Layer Fluid Flowing Over A Porous Sea-Bed
Prof. Sahin Ahmed	Solutions of Flow Models & Garbage Outcomes
Prof. Taher Armaghani	Nanofluid Application in Engineering
Prof. Gopal Chandra Hazarika	Shooting Method
Dr. Mehdi Eslami	Applications of 5G and IoT Technologies in Smart Cities
Dr. Noor Fadiya Mohd Noor	Hybrid Nanofluid Flow over a Stretchable Sheet
Dr. Shuvam Sen	A new Compact Finite Difference Approximation of the Navier-Stokes Equation

3.3: Technical Sessions –

Time Schedule of Technical Sessions

Day 1 (1 September 2020)			
Technical Session – I (Online Platform: ZOOM) Chairperson: Prof. R. P. Sharma Department of Mathematics, NIT Arunachal Pradesh, India.			12:25 PM – 01:25 PM (India)
Paper ID	Name of the Participant	Title of the paper	Email Address
A-1	PHEROIJAM SURANJOY SINGH	Interacting Matter and Dark Energy Model in Higher Dimensional Space Time	surphei@yahoo.com
A-2	ABHIGYAN MAHANTA	A Novel Generalization of Randić matrix	am02dib@gmail.com
A-3	IDWEEP JYOTI GOGOI	A novel generalization of Zagreb Matrix of a Graph	igogoi1995@gmail.com
A-4	DR SONALI BHATNAGAR	The muon telescope : An old but fundamental experiment for undergraduates in high energy physics	sonalibhatnagar@dei.ac.in
A-5	DR.P.MEENAPRIYA	A Study of the effect of thermal electric number and couple stress parameter on the heat transfer of atmospheric aerosols	meenapriyapal@gmail.com
A-6	ANIRBAN GOSWAMI	Confidence Intervals of Multivariate Stress-Strength Reliability	anirbangoswami09@gmail.com
A-7	SATYANARAYANA GEDELA	Mathematical modelling of compact stars PSR J1614-2230 , Cen X-3, SAX J1808.43658 in existence of anisotropy using embedding class I condition	satya235@gmail.com
A-8	DR.T R RAMESH RAO	Computational method for solving nonlinear chemistry problem	rameshrao@crescent.education
A-9	AJIT KUMAR GUPTA	Nonempty Intersection Theorems in Metric Spaces	emailstoajit@gmail.com
A-10	RIYAJUR RAHMAN	New Congruences For Fractional Partitions Functions Modulo Odd Prime	riyajurrahman@gmail.com
A-11	TARUSHREE BARI	Estimation of the mean of the sensitive variable in presence of non sensitive auxiliary variable	taru9494@gmail.com
A-12	KARISHMA KARAM AHMED	Study of Heat Generation/Absorption on Free Convective Radiating Fluid with Soret effect for a Two-Dimensional Unsteady Hydromagnetic Flow Through a Porous Medium	karishma.ahmed76@gmail.com

Day 1 (1 September 2020)			
Technical Session – II (Online Platform: GoToMeeting) Chairperson: Prof. Binod Chandra Tripathy Department of Mathematics, Tripura University, Tripura, India.			12:25 PM – 01:25 PM (India)
Paper ID	Name of the Participant	Title of the paper	Email Address
B-1	NABIN KUMAR POKHREL	Integer Codes Correcting Asymmetric Bursts within a Byte and Connected between two Adjoining Bytes.	pokhrelnbn@gmail.com
B-2	BARNALI BARMAN	A numerical study on the influence of the layer thickness on PbS based solar cell by SCAPS-1D	barman.barnali3@gmail.com
B-3	UPASHANA GOGOI	Quasiperiodicity and Mode locking in a two dimensional nonlinear map	upashanagogoi122@gmail.com
B-4	RAHUL KUMAR	Solving duality for nonsmooth semidefinite programming problems using convexificators	kumarahul1992bhu@gmail.com
B-5	NAVALAKHI HAZARIKA	C-closed N-subgroups and their relations with different honest N-subgroups	navalakhiihazarika.dutta@rgi.edu.in
B-6	PATEL JVALANTKUMAR KANAIYALAL	Survey on textile quality control using image processing	jvalant007@gmail.com
B-7	MR. GHANWAT ARUN JAGANNATH	The New Kamal Transform: Properties and Applications	pushkar1967@rediffmail.com
B-8	AJOY HATIBARUAH	Application of preservation technology investment in an inventory model for ameliorating and deteriorating items with price and time dependent ramp-type demand	hatibaruahajoy@gmail.com
B-9	ACHINTA SAIKIA	A Mathematical Modelling on Control the COVID-19 Outbreak in North-East India	achintasaikia373@gmail.com
B-10	DR. TAJA YAYING	On some new BK-spaces derived by (p,q)-Cesàro Matrix	tajayaying20@gmail.com
B-11	RUBY CHANCHAL	Stochastic Comparisons of Series and Parallel Systems with Topp-Leone Generated Family of Distributions	rubbychanchal21@gmail.com
B-12	K.KRISHNA KUMARI	The Open Detour Monophonic Number of a Graph	krishnakumarikr@yahoo.com

Day 1 (1 September 2020)			
Technical Session – III (Online Platform: ZOOM) Chairperson: Prof. M. Sheikholeslami Department of Mechanical Engineering, Babol Noshirvani University of Technology, Babol, Iran.			(03:30–04:30 PM, India) (2:30-3:30 PM, Iran)
Paper ID	Name of the Participant	Title of the paper	Email Address
C-1	ABHAY KUMAR JHA	MHD flow and heat transfer in a channel with heat generation/ absorption	itsabhay@rediffmail.com
C-2	SHILPA	Study of heat and flow transfer characteristics of gold-blood nanofluid over non-linear stretching sheet	shilpataneja1992@gmail.com
C-3	BIKASH KOLI SAHA	Hydromagnetic and Slip Impact on Heat Transport for Elastico-Viscous Fluid Flow past a Flat Moving Plate	bikashkoli100@gmail.com
C-4	SARFRAZ AHMED	A Mathematical Model for Blood Flow through a Narrow Artery with Stenoses	sarfrazahmed.jrt@gmail.com
C-5	DR. BHAIRAB BORGOHAIN	Effect of Variable Viscosity and Thermal Conductivity of Steady Laminar Flow in a Porous Medium of a Micropolar Fluid with Heat Transfer	borgohainbhairab1234@gmail.com

C-6	GOURAB KUMAR PANDA	Impact of slip on the entropy generation in Darcy-Forchheimer nanofluid past a curved stretching sheet	gkpandamathematics@gmail.com
C-7	SELVAKUMAR S	A Classical Retrial Inventory System with Two Component Demand Rate	illoduselvakumar@gmail.com
C-8	SRICHARAN SHAH	The Log-Balakrishnan-Alpha-Beta-Skew-Normal Distribution and Its Applications	charan.shah90@gmail.com
C-9	MRINMOY GOUTOM BARUAH	A Review on Phase Change Material (PCM) for Solar Thermal Energy Storage	mgbofficial18@gmail.com
C-10	MR. KAMAL KUMAR PRADHAN	Electrification effect on flow and heat transfer of nanofluid over a stretching sheet.	kkpradhanmaths@gmail.com
C-11	Dr. KAMALESH PANDIT	Effect of heat and mass transfer and thermal radiation on a steady MHD convective flow over a porous stretching surface embedded in a porous media in presence of viscous dissipation and suction/injection.	kamalesh.pandit14@gmail.com

Day 1 (1 September 2020)			
Technical Session – IV (Online Platform: GoToMeeting) Chairperson: Prof. Tazid Ali Department of Mathematics Dibrugarh University, Dibrugarh, Assam, India			03:30 PM – 04:30 PM (India)
Paper ID	Name of the Participant	Title of the paper	Email Address
D-1	HIMANGSHU HAZARIKA	A Study of Primitive Normal Elements over Finite Fields in Cubic Form	diku_95@tezu.ernet.in
D-2	K. JAYALAKSHMI	Simple Binary (-1, 1) Ring	kjay.maths@jntua.ac.in
D-3	MRS. SHYAMALI DUTTA.	Morbidity and disability among the elderly persons: an empirical investigation.	shyamalidutta4@rediffmail.com
D-4	DREMA LHAMU	Periodic Besov Space of the Continuous Wavelet Transform.	dremalhamu114@gmail.com
D-5	MANOJ KUMAR	A Hybrid Method To Solve Fractional Partial Differential Equations	mkmath14@gmail.com
D-6	PALLABI SAIKIA	A Comparison of Parametric Models for Graduation of Mortality of Districts of Assam	pallabisaienia.math@gmail.com
D-7	KABYASHREE PHUKAN	Carbon dot composed Nano-bioconjugate for drug delivery with high anti-oxidant activities.	kabyashreephukan06@gmail.com
D-8	MR. JERVIN ZEN LOBO	Lie Symmetries of Linear Second Order Differential Equations with the Most General Delay	zenlobo1990@gmail.com
D-9	BIRINCHI KUMAR BORUAH	Various Graphical Properties of Identity graph in Genetic Code Algebra	birinchikumar49@gmail.com
D-10	TENSUBAM ALEXANDER SINGH	Viscous fluid Cosmological model in Friedmann-Lemaitre-Robertson Walker Universe.	alxtensubam@gmail.com
D-11	ANINDITA SHARMA	Energy and Exergy Analysis of a Corrugated Plate Solar Air Heater	anindita0302@gmail.com
D-12	DAKJUM ESHI	Coupled coincidence and coupled common fixed point theorems on a complete metric space endowed with a graph	dakjum.eshi@rgu.ac.in

Day 1 (1 September 2020)	
Technical Session – V (Online Platform: GoToMeeting) Chairperson: Prof. Gopal Hazarika Department of Mathematics, Dibrugarh University, Assam, India.	05:30–06:30 PM, India

Paper ID	Name of the Participant	Title of the paper	Email Address
E-1	ARUN KUMAR YADAV	Station-keeping error analysis for halo orbits around Libration Point L1 using linear control logic	arunkumardv367@gmail.com
E-2	VIJIL KUMAR	Transfer Trajectory design using Lambert Problem and Genetic Algorithm	vijilchoudhary@gmail.com
E-3	S. SAMPATHRAJ		sudarsampath007@gmail.com
E-4	TAME ACHI	Cosmic acceleration in $f(R)$ model of gravity	tame.achi@rgu.ac.in
E-5	MAITRAYEE CHOWDHURY	A brief exposure into the number theoretic aspects of hypergraphs.	maitrayee3.1415@gmail.com
E-6	GOMATHI N	On almost generalized topological groups	gomathi198907@gmail.com
E-7	MRADULA	Efficient estimation of population mean under stratified random sampling using non linear cost function	mradulakrish@gmail.com
E-8	TRIDIV JYOTI NEOG	An application of similarity of fuzzy soft sets in recruitment problem	tridivjyoti@gmail.com
E-9	SAUGATA PURKAYASTHA	Effect of integral element on lifting nilpotent elements of a ring to a module	sau.pur@rediffmail.com
E-10	SEEMA KHANUM	Speech Corpus for Emotional Speaker Recognition	seem.kh@gmail.com
E-11	DR. MADAN MOHAN SINGH	On The Diophantine Equation $x^2 + 139^m = y^n$	mmsingh2004@gmail.com
E-12	DR. CHETANA GALI	On the general sum-connectivity indices of some transformation graphs	chetanagali19@gmail.com

Day 1 (1 September 2020)			
Technical Session – VI (Online Platform: ZOOM) Chairperson: Prof. Sahin Ahmed Department of Mathematics, Rajiv Gandhi University, Arunachal Pradesh, India.			05:30–06:30 PM, India
Paper ID	Name of the Participant	Title of the paper	Email Address
F-1	SHIVANI GOEL	Some results on generalized gcd and lcm functions	shivanig@iitd.ac.in
F-2	PARTHAJIT BHOWAL	Solvable graph of a finite non-solvable group	bhowal.parthajit8@gmail.com
F-3	PRADIP DATTATRAYA PANSARE	Boundedness of pseudo-differential operator associated with the bessel type operator	pdpansare@mitacsc.ac.in
F-4	DR. C. SIVASHANMUGARAJA	Fuzzy Pre*- γ -Open and Fuzzy Pre*- γ -Continuous Mappings in Fuzzy Topological Spaces	csrajamaths@yahoo.co.in
F-5	DR. RUPOK NEOG	A Mathematical Model of Lock Down for Controlling Pollution of the Environment	rupokneog@gmail.com
F-6	SATYAJIT GAYAN	On product of two theta functions and identities involving sums of squares and triangular numbers.	satyajitgayan1993@gmail.com
F-7	R. N. YADAV	Some application of differential equations to different fields	rajnarayanyadav1961@gmail.com
F-8	S. YADAV	Gas compression engine	meshashiyadav08@gmail.com
F-9	HENA RANI BISWAS	Symbolic Dynamics for One dimensional Chaotic maps and its Applications	biswas.hena@yahoo.com
F-10	SILPI HAZARIKA	Mathematical Analysis of Porosity, Thermal Buoyancy and Radiation with emphasize on Variable Viscosity and Thermal Conductivity on a MHD Mass Transfer over a Moving Non-Isothermal Vertical Surface	silpi.hazarika@rgu.ac.in

F-11	SHAIK SHAFI		skshafi04@gmail.com
F-12	M.ABHILASHA	Factors affecting the use of ICT in Mathematics Teaching in Secondary Schools: A case Study of Thoubal District of Manipur	ddradiopress@gmail.com

Day 2 (2 September 2020)			
Technical Session – VII (Online Platform: GoToMeeting) Chairperson: Prof. Bhim Prasad Sharma Department of Mathematics, Tezpur University, Assam, India.		05:30–06:30 PM, India	
Paper ID	Name of the Participant	Title of the paper	Email Address
G-1	RUPAM GOGOI	On different aspects of topological entropy: An observation	rupamgogoi1997@gmail.com
G-2	BHUBAN CHANDRA DEURI	On solutions of an integral equation	bhuban.as4u@gmail.com
G-3	ADITYA PEGU	First hyper zagreb index of subdivision graph and vertex -semi-total graph based on tensor product	adityapegu92@gmail.com
G-4	AKANKSHA SAMPAT SHINDE	New Subclass of Analytic functions With Negative Coefficients Defined by Differential operator	akankshashinde1202@gmail.com
G-5	CHANDRA BORAH	Group action in genetic code algebra	chandra92borah@gmail.com
G-6	PANKAJ KAKATI	The q-Rung Orthopair Fuzzy Hamacher Generalized Shapley Choquet integral Operator and its Application to Multiattribute Decision Making	pankaj05kakati@gmail.com
G-7	NEERAJ KUMAR PAUL	Some Aspects of Fibonacci Sequence	neeraj_dmj@yahoo.co.in
G-8	DR. BINDU KRISHNAN	A New Generalization of Weighted Weibull Distribution: Properties and Applications	bindusruthy@gmail.com
G-9	SANJIT MOHANTY	A Triangular mixed Quadrature for numerical Integration of Analytic Functions	dr.sanjitmohanty@rediffmail.com
G-10	MS. PAWANJEET KAUR	Cyano-bridged Assemblies in Selective Bioinorganic Synthesis	pawaneet514@gmail.com
G-11	SAIFUR RAHMAN AND APIL UDDIN AHMED	Deterministic Finite Automata over Semimodules	saifur.rahman@rgu.ac.in
G-12	MR. GHANWAT ARUN JAGANNATH	The New Kamal Transform: Properties and Applications	pushkar1967@rediffmail.com

Day 2 (2 September 2020)			
Technical Session – VIII (Parallel) (Online Platform: ZOOM) Chairperson: Prof. Shuvam Sen Department of Mathematics, Tezpur University, Assam, India.		05:30–06:30 PM, India	
Paper ID	Name of the Participant	Title of the paper	Email Address
H-1	KM RITU	A Computational Method for Generalized SEIR Model of COVID-19	ritus8791@gmail.com
H-2	REENA CHAUDHARY	Theoretical Study of Angular Distribution of Cosmic Rays with Time of Flight Method	reenachaudhary2164@gmail.com
H-3	ANKUR SHARMAH	On different modes of ideal convergence of topological spaces	ankursarmah189@gmail.com
H-4	P. SRIVIDHYA	On nano regular b-open sets in nano topolgical spaces	psrividhya97@gmail.com
H-5	PHURAILATPAM DEVAKINANDAN SHARMA	Design of Precise Novel Clock Synchronization Algorithm and its Simulation	devakinandan.bu@gmail.com

H-6	MOHD VASIULLA	On a class of generalized recurrent manifolds	vsmlk45@gmail.com
H-7	DR. BIJU KUMAR DUTTA	A Fixed Point Approach to the Stability of Nonlinear Caputo-Type Fractional Initial Value Problem	dutta.bk11@gmail.com
H-8	SEKHAR GHOSH	Symmetric mountain pass lemma and its application to a nonlocal PDE involving singularity	sekharhosh1234@gmail.com
H-9	TUSAR SINGH	A Comparative Study on Newton-Raphson Method and Halley Method for Solving Nonlinear Equations using Cubic Spline	singhtusar1993@gmail.com
H-10	L. MARY VASANTHI	Geodetic certified domination number of graph	maryvasanthi7@gmail.com
H-11	ARCHANA KUMARI PRASAD	Soft Mildly Normal Spaces	akkumariprasad@gmail.com
H-12	SRICHARAN SHAH	The Log-Balakrishnan-Alpha-Beta-Skew-Normal Distribution and Its Applications	charan.shah90@gmail.com
H-12	Seema Khanum	Speech Corpus for Emotional Speaker Recognition	

Day 3 (3 September 2020)			
Technical Session – IX (Parallel) (Online Platform: ZOOM)			10:20–11:20 PM, India 12:50–01:50 PM, Malaysia
Chairperson: Prof. Noor Fadiya Binti Mohd Noor Institute of Mathematical Sciences, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, W. Persekutuan Kuala Lumpur, Malaysia.			
Paper ID	Name of the Participant	Title of the paper	Email Address
J-1	GEETI GOGOI	Numerical study of Variable Viscosity and Thermal Conductivity on the MHD flow with a flat surface	geetigogoi94@gmail.com
J-2	DAMINI SINGH	CFD analysis of blood flow in human carotid artery bifurcation based on 3d-1d fem model.	damini.ds84@gmail.com
J-3	DIMBESWAR KALITA	Theoretical Investigation of Slip flow mixed convection chemically reacting fluid with heat source over a semi-infinite vertical porous surface.	kalita.dimbeswar1@gmail.com
J-4	KALYAN CHAMUAH	Heat transfer in convective MHD flow through porous medium with thermal radiation	kalyanchamuah60@gmail.com
J-5	PRITIKANTA PATRA	Numerical Integration of Analytic functions using a Hybrid Lobatto Quadrature in Adaptive Quadrature Routine	pritikanta@yahoo.com
J-6	LOVISH RAHEJA	Assessment of Economic Impact of Environmental Collapse	lovishraheja26@gmail.com
J-7	SUNIT KUMAR	A Generalization of Gini Simpson index under Fuzzy Environment	sunit.e8758@cumail.in
J-8	G. GOMATHI ESWARI	Applicaions of Random Matrix Theory	mathseswari@gmail.com
J-9	A.L. MERLIN SHEELA	The Connected Edge-to-Edge Geodetic Number of a Graph	sheelagodwin@gmail.com
J-10	PALASH KUMAR BORA	Permutation polynomial over finite fields	palash.01@gmail.com
J-11	Padma Bhushan Borah	A Mathematical Model Study of Covid-19 Pandemic with a Case Study of Assam	padmabhushan@gmail.com

Day 3 (3 September 2020)			
Technical Session – X (Online Platform: GoToMeeting)			10:20–11:20 PM, India
Chairperson: Prof. P. K. Kalita Department of Physics, Rajiv Gandhi University, Arunachal Pradesh, India.			
Paper ID	Name of the Participant	Title of the paper	Email Address
K-1	SANGITA DAS	Stochastic comparison of extreme order statistics having interdependent exponentiated-location scale distributed components	sangitadas118@gmail.com

K-2	DR. BHUMIKA PANIGRAHI	Five dimensional bulk viscous cosmological models	bhumika.phd@gmail.com
K-3	DR. SHRINATH D. MANJAREKAR	On two – dimensional Generalized Elzaki Tarig Transformations properties and convergence	shrimathematics@gmail.com
K-4	TOUSIFUR RAHMAN	Two Inflated Binomial Distribution and its Application	rahmantousifur2018@gmail.com
K-5	VISHAL AGRAWAL	A note on dimension preserving approximation of bivariate functions	vishal.agrawal1992@gmail.com
K-6	AGNIDIPTO BHATTACHARYA	Phase plane analysis of a non-canonical scalar field model	agnidipto17@rediffmail.com
K-7	JITENDRA GUPTA		jgupta.bbau@gmail.com
K-8	GOVINDA CHANDRA DAS	A study on role and attitude of elementary school teachers' in mathematics with special reference to balijana education block in goalpara district, assam	gcdas001@gmail.com
K-9	ABDUL WADED	Development of Mathematics Teaching in Secondary Education in Assam, India: A Study on Pedagogical Practices	wahedabdul407@gmail.com
K-10	KRISHNA RAM SAIKIA	Certain Properties of Discrete Janardan distribution and Its Applications	krishnaramsaikia@gmail.com
K-11	SEEMA KHANUM	A Review on Emotional Speaker Recognition	seem.kh@gmail.com
K-12	DR. NIPEN SAIKIA	Level 13 Analogue of Rogers-Ramanujan Continued Fraction	nipen.saikia@rgu.ac.in
K-13	Om Prakash	Unsteady MHD Motion and Heat Transfer over an Extending / Shrinking Surface in a Hybrid Nanofluid with non-linear Thermal Radiation	Omsharma.sharma813@gmail.com
K-14	MOHD VASIULLA	On a class of generalized recurrent manifolds	vsmik45@gmail.com

Day 3 (3 September 2020)			
Technical Session – XI (Online Platform: ZOOM) Chairperson: Prof. Taher Armaghani Shahrood University of Technology, School of Mechanical Engineering, Shahrood, Iran.		12:15–01:15 PM, India	
Paper ID	Name of the Participant	Title of the paper	Email Address
L-1	DR. RUPAM KR GOGOI	Separation of species of a binary fluid mixture in generalised couette flow in presence of strong magnetic field	rupamgogoi1973@gmail.com
L-2	KRISHNANDAN VERMA	Soret effect on MHD fluid flow over a rotating porous disk on Darcy-Forchheimer model	verma.kisu@gmail.com
L-3	J. NESA GOLDEN FLOWER	The Forcing Complement Connected Edge Monophonic Number Of a Graph	nesagoldenflower@gmail.com
L-4	DR. NAVA JYOTI HAZARIKA	Indirect Natural Convection for Transient Hydromagnetic Gas Flow along an Inclined Plane in a Porous Media: Laplace Technique	navahazarika12@gmail.com
L-7	SIKDER MD SULTAN ASKARI	Fuzzy Logic Based Multilayer Biometric Security for e-Transactional Fraud Detection	sikdar.askari@rgu.ac.in
L-6	GETE UMBREY	Determining Affinity of Social Network using Graph of Semirings	gete.umbrey@rgu.ac.in
L-7	MOHABBAT ALI	On Weakly Pseudo- Projectively Symmetric Riemannian Manifolds	ali.math509@gmail.com
L-8	AMIT KUMAR RAHUL	The impact of surface roughness and porous wall on squeeze film lubrication between annular disks: Rabinowitsch fluid Model	akrahulism@gmail.com
L-9	NIBEDITA DASH	Analytical model for reiner rivlin blood flow to study the effect of 'w' shape arterial stenosis	dashnibedita@yahoo.co.in
L-10	DEEPAKSHI SHARMA	On the Study of some neighbourhood Signed Graphs	deepakshi.sharma1990@gmail.com
L-11	Sayyed S. R.	MHD Stagnation Nanofluid Flow Over a Flat Plate in a Porous Medium	Srsayyed786@gmail.com

Day 3 (3 September 2020)			
Technical Session – XII (Online Platform: GoToMeeting) Chairperson: Prof. Tazid Ali Department of Mathematics, Dibrugarh University, Assam, India.			12:15–01:15 PM, India
Paper ID	Name of the Participant	Title of the paper	Email Address
M-1	ALAA A. A. ABDALLAH	Study On B- Covariant Derivative of Different Order for Some Tensors in Finsler Space	ala733.ala00@gmail.com
M-2	AKASMIKA PANDA	Existence of solutions for two mixed boundary value elliptic PDEs with irregular data	akasmika44@gmail.com
M-3	KESHAV KUMAR K	Mathematical Modelling -The need of the hour in view of Covid-19 Pandemic crisis	keshav.mphil@gmail.com
M-4	RINCHIN DREMA	Congruences for overpartition with restricted odd differences.	dremarinchin3@gmail.com
M-5	H. S. BOREGOWDA	Neighbors Degree Sum Energy of Graphs	bgsamarasa@gmail.com
M-6	BARNALI PATHAK	Estimation of lattice size and strain of mixed phase Lead Oxide using W.H technique	barnalipathak1@gmail.com
M-7	ARCHANA YADAV	A Common Fixed Point Theorem For Compatibility of Type(A) and Faintly Compatibility	archuyadav9@gmail.com
M-8	SUDARSHAN SANTRA	Numerical solution of a time fractional parabolic-elliptic problem involving weak singularity	sudsantra@gmail.com
M-9	ASHISH KUMAR KESARWARY	A Class of Simple Derivations of $K[x_1, x_2, \dots, x_n]$	ashishkumariitk@gmail.com
M-10	YOWA NANUG	Structural characterization of CdS, CdS/ZnS Core-shell nanocomposites	yowanang99@gmail.com
M-11	SONU RAM	On (m, n)-Paranormal Operators On Hilbert Spaces	ram.sonu02@gmail.com
M-12	BRAJESH KUMAR KULSHRESTHA		bkkul.ram@gmail.com
M-13	BARNALI BARMAN	A numerical study on the influence of the layer thickness on PbS based solar cell by SCAPS-1D	barman.barnali3@gmail.com

Day 3 (3 September 2020)			
Technical Session – XIII (Online Platform: ZOOM) Chairperson: Prof. Sahin Ahmed Department of Mathematics, Rajiv Gandhi University, Arunachal Pradesh, India.			03:00–04:00 PM, India
Paper ID	Name of the Participant	Title of the paper	Email Address
N-1	MANJU NATH	Note on bounds for the general sum-connectivity index of graph operations involving some composite graphs	manjugalijack@gmail.com
N-2	AASTHA MALHOTRA	Toeplitz composition operators on the hardy space	aasthamalhotra01@gmail.com
N-3	JYOTI ROY CHUDHURY	Phenomenology of Jorgelker Window Function for Thin Film Memristor	jyotirc62@gmail.com
N-4	ADITI CHATURVEDI	Estimation Procedures for the Reliability Characteristics of Chen Distribution Based on Type II Censoring and the Sampling Scheme of Bartholomew	caditic@gmail.com
N-5	UDOY NARAYAN GOGOI	A Review on Applications of Mathematical Growth Models in Biological Sciences	nnsc.ung@gmail.com
N-6	ARUN PAL	Optimal multivariate cluster sampling design in presence of labor cost.	arunkayashpal@gmail.com
N-7	NARAYAN NAYAK	Series for $1/\pi$ arising from Ramanujan's cubic singular moduli x_n , for some non integral values of n	narayan.nayak05@gmail.com

N-8	RAMANDEEP KAUR	Screen Semi-Invariant Lightlike submanifolds of Golden semi- Riemannian Manifold	ramanaulakh1966@gmail.com
N-9	DHARMARAJ DEKA	Transformation-free Compact High-order Navier-Stokes Equation Solver on Nonuniform Grid	dharma@tezu.ernet.in
N-10	PRANAB JYOTI PARASHAR	Convective MHD flow past an inclined plate embedded in a porous medium with ramped plate velocity, temperature and concentration	parasharpranabjyoti@gmail.com
N-11	DEBAKANTA BORGOHAIN	A study on the Rank and the Torsion Sub Group of Some Elliptic Curves	
N-12	ZAHOOR AHMAD	Generalized verison of size biased poisson-ailamujia distribution with application	zahoor151@gmail.com
N-13	DR. BHAIRAB BORGOHAIN	Effect of Variable Viscosity and Thermal Conductivity of Steady Laminar Flow in a Porous Medium of a Micropolar Fluid with Heat Transfer	borgohainbhairab1234@gmail.com
N-14	Dr. Nava Jyoti Hazarika		

Day 3 (3 September 2020)			
Technical Session – XIV (Online Platform: GoToMeeting)			03:00–04:00 PM, India
Chairperson: Prof. R. P. Sharma Department of Mathematics, NIT Arunachal Pradesh, India.			
Paper ID	Name of the Participant	Title of the paper	Email Address
P-1	VISHWAJEET SINGH	Regional Disparities Evaluation of Infrastructural Development in Uttar Pradesh: A Statistical View	id.vishwa@gmail.com
P-2	RESHMI KM	Transit Index of Subdivision Graphs	reshmikm@gmail.com
P-3	ANJANA CHETRY	The stability results on a class of fractional initial value problem via fixed point theory.	chetry1999anjana@gmail.com
P-4	PALAKSHI BORA	Existence of weak solutions for a class of fractional boundary value problem.	palakshi1524@gmail.com
P-5	Neeraj Joshi	Sequential Estimation of the Mean of an Inverse Gaussian Distribution with Known Coefficient of Variation	stats.joshi@gmail.com
P-6	HARJYOTI DAS	Modelling and Design of a Solar Thermal Energy Storage with Paraffin Wax as a Phase Change Material (PCM)	sdharjyotidas@gmail.com
P-7	SURYAKANTA BEHERA	On Use of Finite Element Method in Engineering Problems	suryakanta90@yahoo.com
P-8	SILPI HAZARIKA	Effect of Buoyancy Ratio Parameter and Chemical Reaction on MHD Natural Convective Nanofluid Flow over a Vertical Cone	silpi.hazarika@rgu.ac.in

P-9	DR. JITU SARMAH	Three dimensional free convective couette flow through a porous medium with constant heat flux	jitu444sarmah@gmail.com
P-10	DR. MANOJ BISWAKARMA	Exciting Force by an Oscillating Water Column in Presence of Channel of Finite Width	manoj784179@gmail.com
P-11	MAYZUL ALOM HUSSAIN	MHD oscillatory couette flow between two parallel porous plates through a porous medium with heat source	mayzuljun89@gmail.com
P-12	DR. ASHIM BORA	Prediction of School Student's Scholastic Success in Mathematics: Artificial Neural Networks Approach	ashim.bora@rgu.ac.in

3.5: Valedictory Session

Finally, a valedictory function was conducted in the department of Mathematics, Rajiv Gandhi University, where best presenter certificates of every Technical Sessions were presented and the certificates were distributed among the participants via online. Prof Taher Armaghani of Shashrood University, Iran, Prof PK Kalita, Dean of Faculty of Basic Sciences, RGU, Prof. Tazid Ali, Dr. Shuvan Sen, Tezpur University, Convener Prof. Sahin Ahmed and Organizing Coordinator Mr. Bhaskar Jyoti Chutia, were the resource persons of the valedictory function.

Part – IV Outcome of the Program

4.1: Academic Outcome

The Conference had a high standard of presentations and there was significant interest from participants to be involved in the invention of the best output of their research work. Each Speaker discussed various recent developments and Delivered Talk with the aim of making improvements in the respective research areas. All the outcomes and memories of this Conference are to be found inside a beautiful **Souvenir**. This Souvenir includes a wide variety of Abstracts from almost all the branches of Mathematics. However many of the Abstracts are come from various branches of Science and Technology, and highlights its developments and importance.

4.2: Policy Implications / Technical Implications (if any) – No.

4.3: Future Scope

The conference is also expected to enhance collaborations and exchange of research ideas among researchers across different universities and countries in future.

Part – V Annexure

5.1: Brochure

About Rajiv Gandhi University
Rajiv Gandhi University, the oldest university of Arunachal Pradesh was established in 1984, and grow into a Central University under MHRD, Govt. of India since 9 April, 2007.

About the Department of Mathematics
The department of Mathematics is an important constituent of the Faculty of Basic Sciences since 2005, the year when it was established. The Department offers M. Sc., M. Phil. and Ph. D. with various topics. For more details you may visit www.rgu.ac.in



The Covid-19 pandemic has overwhelmed the entire globe along with India. It has expressively disrupted the higher education sector as well, which is a critical determinant of a country's economic and educational future. To ensure the continuity of learning, the digital mode is the only option for us. So, we try to organize this type of e-learning program.

Stay safe, eat healthy and stay healthy....

Objectives
ICAMST - 2020 is intended to provide a common platform for researchers, scientists, engineers and other interested professionals to present their latest findings, ideas, developments and applications covering aspects of the History and Development of Mathematical Sciences with their latest Applications. This Conference is the premium forum for the presentation of new advances, research results and to discuss the future trends in the fields of Mathematics along with Science and Technology. We cordially invite prospective authors to submit unpublished research papers with novel contributions to ICAMST2020.

Important Dates
Registration starts on: 2nd August, 2020
Registration closes on: 28th August, 2020
e-Abstract closes on: 26th August, 2020
Notification of Acceptance: 28th August, 2020

Registration details
Participants make their payments by depositing the registration fee online in
Account No. 83420100002094
IFSC Code BARB0VJARUN
Name of Recipient: HoD, Mathematics, RGU, Bank of Baroda, Arunachal University, Rono Hills, Arunachal Pradesh, India.
Research Scholars: Rs. 500.00
Faculties/Scientists Rs. 1000.00
(USD 20 for outside INDIA)

Send a copy of e-receipt of the payment via email
icamst2020.rgumath@gmail.com

The participants are requested to register through the link
<https://forms.gle/wmuh2UXDsmkXNYC17>



INTERNATIONAL CONFERENCE ON ADVANCES IN MATHEMATICS, SCIENCE AND TECHNOLOGY (ICAMST-2020)

September 1-3, 2020

Topics for Presentation

The interested Authors are requested to prepare Abstract for presentation with maximum 300 words with a relevant Title and Authors Affiliations in the following domain of Research (not limited):

- Pure and Applied Mathematics branches
- Nano-Technology/Bio-Fluid/Bio-Mathematics
- Mathematics in Social Sciences
- Theoretical Physics, Allied Sciences
- Mathematical Statistics/Mathematical Modelling/Game Theory
- Applications of Science and Technology.

The interested participants may submit their full length papers for consideration in UGC-CARE list Journal. Authors should send the Abstract via email icamst2020.rgumath@gmail.com

Note: Abstract must be prepared in the format provided here:
Font: Times New Roman, Font size: 12, Alignment: justified, Paper size: A4, keywords: 5-6, AMS Subject Classification.

All the sessions will be in online mode. Details will be provided to all the delegates via

WhatsApp link
<https://chat.whatsapp.com/IA45KUA2ejR6K0bjYU2w6E>

email:
icamst2020.rgumath@gmail.com

Contact Person:
Prof. Sahin Ahmed, Convener
email: sahin.ahmed@rgu.ac.in
Mobile: 7085759135

Organizing Committee

Chief Patron: Prof. Saket Kushwaha, Vice Chancellor, RGU

Patron: Prof. Amitava Mitra, Pro-Vice Chancellor, RGU

Patron: Prof. Tomo Riba, Registrar i/c, RGU

Patron: Prof. Pradip Kumar Kalita, Dean faculty of Basic Sciences, IT & Engineering, RGU

Convenor: Prof. Sahin Ahmed, Head, Department of Mathematics, RGU

Coordinator: Mr. Bhaskar Jyoti Chutia, Department of Computer Science & Engineering, RGU

Scientific Committee

Prof. Joaquin Zueco
Universidad Politécnica de Cartagena, 30202, Cartagena (Murcia), Spain.

Prof. M. M. Rashidi
ENN-Tongji Clean Energy Institute of Advanced Studies, Tongji University
Shanghai Automotive Wind Tunnel Center, Tongji University, Shanghai

Prof. Ali J. Chamkha
Institute of Research and Development, Duy Tan University, Da Nang 550000, Vietnam
Institute of Theoretical and Applied Research (ITAR), Duy Tan University, Hanoi 100000, Vietnam.

Prof. Taher Armaghani
Shahrood University of Technology, School of Mechanical Engineering, Shahrood, Iran.

Prof. S.N. Bora
Department of Mathematics, IIT Guwahati, Assam, India.

Prof. K. Vajravelu
Department of Mathematics, University of Central Florida, Orlando, FL 32816, USA.

Prof. Neela Nataraj
Department of Mathematics, IIT Bombay, India

Prof. G. C. Hazarika
Chair Person, CCSA, Dibrugarh University, Assam, India

Organizing Department, Mathematics, RGU

Prof. Sahin Ahmed
Dr. Nipen Saikia
Dr. Saifur Rahman
Mrs. Dakjum Eshi



5.2: List of Participants (Institution wise / gender-wise)

Name	Title	Affiliation	Email
Dr. Bindu Krishnan	A new generalization of weighted Weibull Distribution: Properties and Applications	Jain University, Kochi, Kerala	bindusruthy@gmail.com
BIRINCHI KUMAR BORUAH	Various Graphical Properties of Identity graph in Genetic Code Algebra	DIBRUGARH UNIVERSITY, DIBRUGARH, ASSAM	birinchikumar49@gmail.com
Jyoti Prasad Roy Choudhury	Phenomenology of Joglekar Window Function for Thin Film Memristor	Assam Don Bosco University, Tepesia, Sonapur, Assam	jyotirc62@gmail.com

Mr. Manjunatha Gali	"Note on bounds for the general sum-connectivity index of graph operations involving some composite graphs"	Shri Gavisiddeshwar Arts Science and Commerce College, Koppal	manjugalijack@gmail.com
Debasish Gorai	No Paper	NIT, Arunachal Pradesh	debasishgorai280@gmail.com
Dharmalingam M	NIL	NIT Pudhucherry Karaikal 609609 India	mdharmaphd@gmail.com
Sonu Ram	(m,n)-paranormal Operators on Hilbert Spaces	Department of Mathematics, University of Delhi, Delhi-110007	ram.sonu02@gmail.com
Ankur Sharmah	On different modes of ideal convergence in topological spaces	Tezpur University	ankursarmah189@gmail.com
Neeraj Joshi	Sequential Estimation of the Mean of an Inverse Gaussian Distribution with Known Coefficient of Variation	Department of Statistics, University of Delhi, Delhi-110007, India	stats.joshi@gmail.com
MAYZUL ALOM HUSSAIN	MHD OSCILLATORY COUETTE FLOW BETWEEN TWO PARALLEL POROUS PLATES THROUGH A POROUS MEDIUM WITH HEAT SOURCE	RAJIV GANDHI UNIVERSITY, RONO HILLS, ARUNACHAL PRADESH, 791112	mayzuljun89@gmail.com
Dr. Chetana Gali	On the general sum-connectivity indices of some transformation graphs	Davangere University, Shivagangothri, Davangere	chetanagali19@gmail.com
Barnali Barman	A numerical study on the influence of layer thickness on PbS based solar cell by SCAPS-1D	Rajiv Gandhi University, Arunachal Pradesh-791112	barman.barnali3@gmail.com
ANJANA CHETRY	The stability results on a class of fractional initial value problem via fixed point theory.	The Assam Kaziranga University, Jorhat, Assam.	chetry1999anjana@gmail.com
A. L. Merlin Sheela	The Connected Edge-to-Edge Geodetic Number of a Graph	Stella Mary's College of Engineering, Aruthengavanilai	sheelagodwin@gmail.com
Bikash koli Saha	Hydromagnetic and Slip Impact on Heat Transport for Elastico-Viscous Fluid Flow Past a Flat Moving Plate	The Assam Royal Global University, Guwahati	bikashkoli100@gmail.com
Shivani Goel	Some results on generalized gcd and lcm sums	Indraprastha Institute of Information Technology, Delhi	shivanig@iitd.ac.in
Archana yadav	A Common Fixed Point Theorem for Compatibility of Type (A) and Faintly Compatibility	Barkatullah university bhopal	archuyadav9@gmail.com
Ms. Pawanjeet Kaur	Cyano-bridged Assemblies in Selective Bioinorganic Synthesis	Gd Goenka University, Gurugram	pawanjeet514@gmail.com
Barnali Pathak	Estimation of lattice size and strain of mixed phase Lead Oxide using W.H technique.	Assam Don Bosco University, Tapesia, Assam	barnalipathak1@gmail.com
Aditi Chaturvedi	Estimation Procedures for the Reliability Characteristics of Chen Distribution Based on Type II Censoring and the Sampling Scheme of Bartholomew	Babasaheb Bhimrao Ambedkar University, Lucknow	caditic@gmail.com
Navalakhi Hazarika	C-CLOSED N-SUBGROUPS AND THEIR RELATIONS WITH DIFFERENT HONEST N-SUBGROUPS	Six-mile	navalakhihazarika.dutta@rgi.edu.in
N. RAJATHI	NIL	SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS), Tiruchirappalli.	n.rajianand@gmail.com
ARCHANA KUMARI PRASAD	Soft Mildly Normal Spaces	SWAMI VIVEKANAND GOVT COLLEGE, LAKHNADON	akkumariprasad@gmail.com
Anirban Goswami	Confidence Intervals of Multivariate Stress-Strength Reliability	Aliah University, Kolkata	anirbangoswami09@gmail.com
AASTHA MALHOTRA	TOEPLITZ COMPOSITION OPERATORS ON THE HARDY SPACE	DEPARTMENT OF MATHEMATICS, FACULTY OF MATHEMATICAL SCIENCES, UNIVERSITY OF DELHI	aasthamalhotra01@gmail.com
REENA CHAUDHARY	Theoretical Study of Angular Distribution of Cosmic Rays with Time of Flight Method	Dayalbagh Educational Institute, Agra, Uttar Pradesh, India	reenachaudhary2164@gmail.com

Vishwajeet Singh	Regional Disparities Evaluation of Infrastructural Development in Uttar Pradesh: A Statistical View	Babasaheb Bhimrao Ambedkar University, Lucknow	id.vishwa@gmail.com
Tame Achi	Cosmic acceleration in f(R) model of gravity	Rajiv Gandhi University, Arunachal Pradesh	tame.achi@rgu.ac.in
Parthajit Bhowal	SOLVABLE GRAPH OF A FINITE NON-SOLVABLE GROUP	Tezpur University, Tezpur, Assam, India, 784028	bhowal.parthajit8@gmail.com
ANINDITA SHARMA	Energy and Exergy Analysis of a Corrugated Plate Solar Air Heater	Tezpur University, Napaam, Sonitpur-784028	anindita0302@gmail.com
PALAKSHI BORA	Existence of weak solutions for a class of fractional boundary value problem.	Kaziranga University, Jorhat, Assam 785001	palakshi1524@gmail.com
Mr. Gete Umbrey	Determining Affinity of Social Network using Graph Semirings	Jawaharlal Nehru College Pasighat, Arunachal Pradesh	gete.gete.umbrey@rgu.ac.in
Kongkona Tamuly	Centre Manifold theorem and Hopf bifurcation in a nonlinear differential equation.	Msc student of Tezpur University	tkongkona@gmail.com
Reshma KM	Transit Index of subdivision graphs.	Asst Professor of Mathematics, Govt Engineering College, Kozhikode, Kerala	reshmikm@gmail.com
Krishna Ram Saikia	Certain Properties of Discrete Janardan distribution and Its Application	TEZPUR UNIVERSITY	krishnaramsaikia@gmail.com
DEBAKANTA BURAGOHAIN	A Study on the Rank and Torsion Subgroup of some Elliptic Curves	Tinsukia College	debakant8@gmail.com
Ajit Kumar Gupta	Nonempty Intersection Theorems in Metric Spaces	National Institute of Technology Meghalaya, Shillong, Meghalaya, 793003.	emailstoajit@gmail.com
Dr. T. R. Ramesh Rao	Computational method for solving nonlinear Chemistry problem	B. S. Abdur Rahman Crescent Institute of Science and Technology, Chennai - 48	rameshrao@crescent.education
Dr. Narayan Nayak	Series for $1/\pi$ arising from Ramanujan's cubic singular moduli x_n , for some non integral values of n	The Assam Royal Global University, Guwahati, Assam	narayan.nayak05@gmail.com
Patel Jvalantkumar Kanaiyalal	SURVEY ON TEXTILE QUALITY CONTROL USING IMAGE PROCESSING	Shri Manilal Kadakia College Of Commerce, Management, Science And Computer Studies Ankleswar	jvalant007@gmail.com
Dharmraj Deka	Transformation-free Compact High-order Navier-Stokes Equation Solver on Nonuniform Grid	Department of Mathematical Sciences, Tezpur University, Tezpur-784028, Assam	dharma@tezu.ernet.in
HIMANGSHU HAZARIKA	A Study of Primitive Normal Elements over Finite Fields in Cubic Form	Tezpur University, Napaam, Tezpur, Sonitpur, Assam	diku_95@tezu.ernet.in
Dr. Abdul Wahed	Development of Mathematics Teaching in Secondary Education in Assam, India: A Study on Pedagogical Practices	Bikali College, Dhupdhara, Goalpara, Assam	wahedabdu1407@gmail.com
Damini Singh	CFD analysis of blood flow in Human carotid artery bifurcation based on 3D-1D FEM model.	Doon university	damini.ds84@gmail.com
Nabin Kumar Pokhrel	Integer Codes Correcting Asymmetric Bursts within a Byte and Connected between two Adjoining Bytes	Tezpur University, Napaam, Assam, 784028	pokhrelnbn@gmail.com
Selvakumar S	A Classical Retrial Queueing Inventory System with Two Component Demand Rate	UNIVERSITY OF MADRAS, CHENNAI, TAMILNADU	illoduselvakumar@gmail.com
Pallabi Saikia	A Comparison of Parametric Models for Graduation of Mortality of Districts of Assam	The Assam Kaziranga University, Jorhat	pallabisaienia.math@gmail.com
Km. Ritu	A Computational Method for Generalized SEIR Model of COVID-19	Jaypee Institute of Information Technology, Noida	ritus8791@gmail.com
Ramandeep Kaur	Screen Semi-Invariant Lightlike submanifolds of Golden semi-Riemannian Manifold	Central University of Punjab, Bathinda	ramanaulakh1966@gmail.com

Jervin Zen Lobo	Lie Symmetries of Linear Second Order Differential Equations with the Most General Delay	St. Xavier's College, Mapusa - Goa	zenlobo1990@gmail.com
Ruby Chanchal	Stochastic Comparisons of Series and Parallel Systems with Topp-Leone Generated Family of Distributions	Babasaheb Bhimrao Ambedkar University, Lucknow	rubychanchal21@gmail.com
J. Nesa Golden Flower	The Forcing Complement Connected Edge Monophonic Number Of A Graph	Scott Christian College, Nagercoil	nesagoldenflower@gmail.com
Om Prakash	Unsteady MHD motion and Heat Transfer over an expending/shrinking surface in a Hybrid Nanofluid with non-linear Thermal Radiation	IIT DHANBAD	omsharma.sharma813@gmail.com
Kalyan Chamuah	Heat transfer on convective MHD flow through porous medium with thermal radiation	Gauhati university, Jalukbari, Guwahati, Assam, pin-781014	KALYANCHAMUAH60@GMAIL.COM
Om Prakash	Unsteady MHD motion and heat transfer over an expending/shrinking surface in a hybrid nanofluid with non-linear thermal radiation	IIT DHANBAD/ JECRC UNIVERSITY JAIPUR	omsharma.sharma813@gmail.com
Dr. Deepakshi Sharma	On the study of some neighbourhood Signed graphs	Ramanujan college university of Delhi	deepakshi.sharma1990@gmail.com
Dr.Bhumika Panigrahi	Five Dimensional Bulk Viscous Cosmological Model	Gopal Krishna College of Engineering and Technology, Jeypore, Odisha	bhumika.phd@gmail.com
Pritikanta Patra	Numerical Integration of Analytic Functions using a hybrid Lobatto Quadrature in Adaptive Quadrature Routine	Ravenshaw University, Cuttack, Odisha, 753003	pritikanta@yahoo.com
Kalyan Chamuah	Heat transfer on convective MHD flow through porous medium with thermal radiation	Gauhati university	KALYANCHAMUAH60@GMAIL.COM
Sikdar Md Sultan Askari	Fuzzy Logic Based Multi-Layer Biometric Security for e-Transactional Fraud Detection	Rajiv Gandhi University	sikdar.askari@rgu.ac.in
Amit Kumar Rahul	The impact of surface roughness and porous wall on squeeze film lubrication between annular disks: Rabinowitsch fluid Model	Indian Institute of Technology(ISM) Dhanbad	akrahul2011@gmail.com
Rupam Gogoi	On different aspects of topological entropy: An observation	Tezpur University, Napaam, Tezpur, Assam, 784028	rupamgogoi1997@gmail.com
Mr. Tousifur Rahman	Two Inflated Binomial Distribution and its Application	Dibrugarh University, Dibrugarh	rahmantousifur2018@gmail.com
Upashana Gogoi	Quasiperiodicity and Mode locking in Maynard Smith map	Debraj Roy College, Golaghat - 785621, Assam	upashanagogo122@gmail.com
Amit Kumar Rahul	The impact of surface roughness and porous wall on squeeze film lubrication between annular disks: Rabinowitsch fluid Model	Indian Institute of Technology(ISM) Dhanbad	akrahulism@gmail.com
Dr. Boregowda H. S.	Neighbors Degree Sum Energy of Graphs	Assistant Professor, Department of Mathematics, Tumkur University, Tumakuru, Karnataka-572103	bgsamarasa@gmail.com
Karishma Karam Ahmed	Theoretical Investigation of a Two-dimensional unsteady flow through a porous medium in the presence of a uniform magnetic field	Rajiv Gandhi University, Rono Hills, Doimukh, Itanagar, Arunachal Pradesh, Pin Code-791112.	karishma.ahmed76@gmail.com
Dr. Kamalesh Kumar Pandit	Effect of heat and mass transfer and thermal radiation on a steady MHD convective flow over a porous stretching surface embedded in a porous media in presence of viscous dissipation and suction/injection.	Jorhat Institute of Science and Technology, Jorhat, Assam	kamalesh.pandit14@gmail.com
Satyanarayana Gedela	Mathematical modelling of compact stars PSR J1614-2230 , Cen X-3, SAX J1808.43658 in existence of anisotropy using embedding class I condition	Kumaun University, SSJ Campus, Almora	satya235@gmail.com

Mohabbat Ali	On Weakly Pseudo-Projectively Symmetric Riemannian Manifolds	Jamia Millia Islamia, New Delhi	mohabbat509@gmail.com
Dr. Jitu Sarmah	THREE DIMENSIONAL FREE CONVECTIVE COUETTE FLOW THROUGH A POROUS MEDIUM WITH CONSTANT HEAT FLUX.	J. B. College , Jorhat , Assam, India	jitu444sarmah@gmail.com
VISHAL AGRAWAL	A NOTE ON DIMENSION PRESERVING APPROXIMATION OF BIVARIATE FUNCTIONS	Indian Institute of Technology (BHU) Varanasi	vishal.agrawal1992@gmail.com
Dr. Sanjit Kumar Mohanty	A Triangular mixed Quadrature for numerical Integration of Analytic Functions	B. S. Degree College, Nuahat, Jajpur, Odisha	dr.sanjitmohanty@rediffmail.com
Dr. Jitu Sarmah	THREE DIMENSIONAL FREE CONVECTIVE COUETTE FLOW THROUGH A POROUS MEDIUM WITH CONSTANT HEAT FLUX.	J.B.College, Jorhat, Assam, INDIA	jitu444sarmah@gmail.com
Arun Pal	Optimal Multivariate Cluster Sampling Design in Presence of Labour Cost	Department of Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow	arunyashpal@gmail.com
Palash Kumar Bora	Permutation Polynomial Over Finite Fields	Pranab Jubilee College, Sukhanjan, Bokajan, Karbi Anglong	palash.01@gmail.com
Chandra Borah	Group Action In Genetic Code Algebra	Dibrugarh University, Assam	chandra92borah@gmail.com
SATYAJIT GAYAN	On product of theta functions and sums of squares and triangular numbers.	Research scholar, Tezpur University, Tezpur, Assam	satyajitgayan1993@gmail.com
Alaa Abdalnasser Awad Abdallah	Study on B - Covariant Derivative of Different Order for Some Tensor in Finsler Space	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 431004 , plot No. 2. Saudagar Lane , Mahemoodpura	ala733.ala00@gmail.com
Sekhar Ghosh	Symmetric mountain pass lemma and its application to a nonlocal PDE involving singularity	National Institute of Technology Rourkela	sekharghosh1234@gmail.com
Sangita Das	Stochastic comparison of extreme order statistics having interdependent exponentiated-location scale distributed components	National Institute of Technology Rourkela	sangitadas118@gmail.com
Rinchin Drema	Congruences for overpartition with restricted odd differences	Department of Mathematics ,Rajiv Gandhi Ujiversity ,Rono Hills Doimukh	dremarinchin3@gmail.com
Achinta Saikia	A Mathematical Modelling on control the COVID-19 outbreak in North east India	Dibrugarh University	achintasaikia373@gmail.com
Arun Kumar Yadav	Computation of halo orbits around Libration point L1 in Sun-Jupiter system	Indian Institute of Technology, Department of Mathematics & Computing, IIT (ISM) Dhanbad, Jharkhand, India	arunkumardv367@gmail.com
Mr. MANTHA SRIKANTH	New Applications of Gane Theory	MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS), HYDERABAD	srikanth.2027@gmail.com
Satyajit Gogoi	A Mathematical modelling on Control the COVID-19 outbreak in North east India	Tezpur University	achintasaikia373@gmail.com
Sunit Kumar	A Generalization of Gini Simpson Index under Fuzzy Environment	Chandigarh University, Gharuan Punjab	sunit.e8758@cumail.in
Odimayo Oluwagbade	Not applicable	University of Ibadan, Nigeria	Oluwagbadeodimayo@yahoo.com
Dr. Ram Milan Singh	None	P. G. College, Tikamgarh	rammilansinghlig@gmail.com
Dr. Taja Yaying	On some new BK-spaces derived by (p,q)-Cesàro Matrix	Dera Natung Government College Itanagar	tajayaying20@gmail.com
K. Jayalakshmi	Simple binary (-1,1) ring	Jawaharlal Nehru Technological University Anantapur College of Engineering	kjay.maths@jntua.ac.in
Mradula	Efficient estimation of population mean under stratified random sampling with nonlinear cost function	Babasaheb Bhimrao Ambedkar University, Lucknow, India	mradulakrish@gmail.com

Maitrayee Chowdhury	A brief exposure into the Number Theoretic aspects of Hypergraphs.	Rajiv Gandhi University, Itanagar	maitrayee321@gmail.com
Tusar Singh	A comparative study on Newton-Raphson method and Halley method for solving Nonlinear Equations using cubic spline	Ravenshaw University, cuttack, odisha, 753003	singhtusar1993@gmail.com
Mohd Vasiulla	On a class of generalized recurrent manifolds	Jamia Millia Islamia New Delhi 110025	vsmik45@gmail.com
Gomathi N	On Almost Generalized Topological Groups	Srimad Andavan Arts And Science College (Autonomous), No:7, Nelson Road, Trichy-05	gomathi198907@gmail.com
MRS. SHYAMALI DUTTA, Assistant Professor.	MORBIDITY AND DISABILITY AMONG THE ELDERLY PERSONS: AN EMPIRICAL INVESTIGATION.	Bahona College, Jorhat.	shyamalidutta4@rediffmail.com
Aditya Pegu	First Hyper Zagreb Index Of Subdivision Graph And Vertex-Semi-Total Graph Based On Tensor Product	Dibrugarh University, Dibrugarh, Assam-786004	adityapegu92@gmail.com
Kirnu Badak	NA	NA	badakkirnu@gmail.com
Ashish Kumar Kesarwany	A Class of Simple Derivation of $K[x_1, x_2, \dots, x_n]$	Nalanda College of Engineering Chandi, Nalanda	ashishkumariitk@gmail.com
Dr. Bhairab Borgohain	EFFECT OF VARIABLE VISCOSITY AND THERMAL CONDUCTIVITY OF STEADY LAMINAR FLOW IN A POROUS MEDIUM OF A MICROPOLAR FLUID WITH HEAT TRANSFER	Department of mathematics, Tinsukia College, Assam	borgohainbhairab1234@gmail.com
L.MARY VASANTHI	GEODETIC CERTIFIED DOMINATION IN SPLITTING GRAPHS	Scott Christian College Nagercoil	maryvasanthi7@gmail.com
S. Sampathraj	Attend	Loyola College, Chennai	sudarsampath007@gmail.com
SURYAKANTA BEHERA	On Use of Finite Element Method in Engineering Problems	Department of Mathematics, Ravenshaw University, cuttack-753003	suryakanta90@yahoo.com
Sarfraz Ahmed	A Mathematical Model for Blood Flow through a Narrow Artery with Stenoses	Kaziranga University	sarfrazahmed.jrt@gmail.com
Kabyashree Phukan	Carbon dot composed nano-bioconjugate for drug delivery with high antioxidant activities	Institute of advanced study in science and technology	kabyashreephukan06@gmail.com
Dr. Madan Mohan Singh	On the Diophantine Equation $x^{*2} + 139^{*}m = y^{*n}$	North-Eastern Hill University, Dept of Basic Science & Social Sciences, Shillong-793022	mmsingh2004@gmail.com
Neeraj Kumar Paul	Some Aspects of Fibonacci Sequence	Gauhati University, Guwahati, India	neeraj_dmj@yahoo.co.in
Rahul Kumar	Solving duality for nonsmooth semidefinite programming problems using convexificators	Govt. Chandra Vijay College Dindori, Dindori, M.P.	kumarahul1992bhu@gmail.com
Dr. Madan Mohan Singh	On the Diophantine Equation $x^{*2} + 139^{*}m = y^{*n}$	North-Eastern Hill University, Dept. Of Basic Science & Social Sciences, Shillong-793022	mmsingh2004@gmail.com
Dr Rupok Neog	A Mathematical Model of Lock Down for Controlling Pollution of the Environment.	Dergaon Kamal Dowerah College, Dergaon, Golaghat, Assam-785614	rupokneog@gmail.com
Manoj Kumar	A Hybrid Method To Solve Fractional Partial Differential Equations	Department of Mathematics, National Defence Academy, Pune-23	mkmth14@gmail.com
Gourab Kumar Panda	Impact of slip on the entropy generation in Darcy-Forchheimer nanofluid past a curved stretching sheet	NIT Arunachal Pradesh, Yupia, Papum Pare District, Arunachal Pradesh-791112, India	gkpandamathematics@gmail.com
Krishnandan Verma	Soret effect on MHD fluid flow over a rotating porous disk on Darcy-Forchheimer model	Dibrugarh University, Dibrugarh, Assam, 786004	verma.kisu@gmail.com
Tensubam Alexander Singh	Viscous fluid Cosmological model in Friedmann-Lemaitre-Robertson Walker Universe.	BODOLAND UNIVERSITY	alxtensubam@gmail.com
S.SAMPATHRAJ	-	Loyola College, Chennai	sudarsampath007@gmail.com
Shashi Yadav	Compression Gas Engine	MMAM Campus Tribhuwan Universitu (Nepal)	meshashiyadav08@gmail.com

Drema Lhamu	Periodic Besov space of the continuous wavelet transform	Department of Mathematics, Jawaharlal Nehru College, Pasighat, Arunachal Pradesh	dremalhamu114@gmail.com
K. Krishna Kumari	The Open Detour monophonic number of a Graph	Nesamony Memorial Christian College, Marthandam, Tamilnadu, India	krishnakumarikr@yahoo.com
Akasmika Panda	Existence of solutions for two mixed boundary value elliptic PDEs with irregular data	National Institute of Technology Rourkela	akasmika44@gmail.com
Nibedita Dash	Analytical Model for Reiner Rivlin Blood flow to Study the effect of 'w' shape Arterial Stenosis	Department of Mathematics, Doon University, Dehradun	dashnibedita@yahoo.co.in
Silpi Hazarika	Mathematical Analysis of Porosity, Thermal Buoyancy and Radiation with emphasize on Variable Viscosity and Thermal Conductivity on a MHD Mass Transfer over a Moving Non-Isothermal Vertical Surface	Rajiv Gandhi University, Arunachal Pradesh, India	silpi.hazarika@rgu.ac.in
Dr. Nava Jyoti Hazarika	Indirect Natural Convection for Transient Hydromagnetic Gas flow along an inclined Plane in a Porous Media : Laplace Technique	Tyagbir Hem Baruah College, Jamugurihat, Sonitpur, Assam	navahazarika12@gmail.com
PRADIP DATTATRAYA PANSARE	BOUNDEDNESS OF PSEUDO-DIFFERENTIAL OPERATOR ASSOCIATED WITH THE BESSEL TYPE OPERATOR	MIT Arts, Commerce and Science College, Alandi, Pune, India	pdpansare@mitacsc.ac.in
Akanksha Sampat Shinde	New Subclass Of Analytic Functions With Negative Coefficients Defined By Differential Operator	Vidhya Prasarak Mandal's B.N.Bandodkar College Of Science, Thane	akankshashinde1202@gmail.com
Pheiroijam Suranjoy Singh	Interacting Matter and Dark Energy Model in Higher Dimensional Space-time	Bodoland University, Assam	surphei@yahoo.com
Gobinda Ch. Das.	A STUDY ON ROLE AND ATTITUDE OF ELEMENTARY SCHOOL TEACHERS'IN MATHEMATICS WITH SPECIAL REFERENCE TO BALIJANA EDUCATION BLOCK IN GOALPARA DISTRICT, ASSAM.	Goalpara College, Goalpara.	gcdas001@gmail.com
Gobinda Ch. Das.	A ON ROLE AND ATTITUDE OF ELEMENTARY SCHOOL TEACHERS'IN MATHEMATICS WITH SPECIAL REFERENCE TO BALIJANA EDUCATION BLOCK IN GOALPARA DISTRICT,ASSAM	Goalpara College,Goalpara.	gcdas001@gmail.com
Abhigyan Mahanta	A Novel Generalization of Randić Matrix	Dergaon Kamal Dowerah College, Dergaon, Assam, India	am02dib@gmail.com
Sudarshan Santra	Numerical solution of a time fractional parabolic-elliptic problem involving weak singularity	National Institute of Technology Rourkela, Odisha, India	sudsantra@gmail.com
Idweep Jyoti Gogoi	A novel generalization of Zagreb Matrix of a Graph	Dibrugarh University, Dibrugarh	igogoi1995@gmail.com
G. Gomathi Eswari	Applications of Random Matrix Theory	Srimad Andavan Arts and Science College,Trichy, TamilNadu	mathseswari@gmail.com
G Gomathi Eswari	Applications of Random Matrix Theory	Srimad Andavan Arts and Science College, Trichy, TamilNadu	mathseswari@gmail.com
AJOY HATIBARUAH	APPLICATION OF PRESERVATION TECHNOLOGY INVESTMENT IN AN INVENTORY MODEL FOR AMELIORATING AND DETERIORATING ITEMS WITH PRICE AND TIME DEPENDENT RAMP - TYPE DEMAND	Department of Mathematics, Assam University, Silchar - 788011, Assam, India	hatibaruaahjoy@gmail.com

Zahoor Ahmad	Generalized Version of Size Biased Poisson Ailamujia Distribution with Applications	Department of Statistics, University of Kashmir	zahoor151@gmail.com
Dr. Biju Kumar Dutta	A Fixed Point Approach to the Stability of Nonlinear Caputo-Type Fractional Initial Value Problem	The Assam Kaziranga University	dutta.bk11@gmail.com
UDOY NARAYAN GOGOI	A Review on Applications of Mathematical Growth Models in Biological Sciences	N. N. Saikia College, Titabar, Dist. - Jorhat, Assam	nnsc.ung@gmail.com
Keshav Kumar K	Mathematical Modeling: The need of the hour in view of Covid-19 Pandemic crisis	G Narayananamma Institute of Technology and Science (for Women), Hyderabad, Telangana, India	keshav.mphil@gmail.com
Dr. P. Meenapriya	A Study of the effect of thermal electric number and couple stress parameter on the heat transfer of atmospheric aerosols	Assistant Professor, Department of Mathematics, Government Arts and Science College, Hosur, Tamil Nadu.	meenapriyapal@gmail.com
Lovish Raheja	Assessment of Economic Impacts of Environmental Collapse in India	Parishkar College of Global Excellence, Shipra Path, Mansarovar, Jaipur	lovishraheja26@gmail.com
Tarushree Bari	Estimation of the mean of the sensitive variable in presence of non sensitive auxiliary variable	Babasaheb Bhimrao Ambedkar University	taru9494@gmail.com
ABHAY KUMAR JHA	MHD Flow and heat transfer in a channel with heat generation/absorption	C M SCIENCE COLLEGE, DARBHANGA	itsabhay@rediffmail.com
PRANAB JYOTI PARASHAR	Effect of Ramped Parameter and Radiation on MHD Free Convective Flow Past a Moving Inclined Plate in the Presence of Heat Sink	Gauhati University	parasharpranabjyoti@gmail.com
P.SRIVIDHYA	NANO REGULAR b-OPEN SETS IN NANO TOPOLOGICAL SPACES	Seethalakshmi Ramaswami College Affiliated to Bharathidasan University	psrividhya97@gmail.com
Mr. Kamal Kumar Pradhan	Electrification effect on flow and heat transfer of Nanofluid past over a continuous Stretching Surface.	Centurion University of Technology and Management, Paralakhemundi, Odisha (India)	kkpradhanmaths@gmail.com
Padma Bhushan Borah	A Mathematical Model Study of Covid-19 Pandemic With A Case Study of Assam	Department of Mathematics, Gauhati University, Guwahati-781014	padmabhushanborah@gmail.com
Sayyed Shoeb Rashid	MHD stagnation point nanofluid flow over a flat plate in a porous medium	Doshi Vakil Arts College and G.C.U.B. Science & Commerce College, Goregaon-Raigad	srsayyed786@gmail.com
Silpi Hazarika	Effect of Buoyancy Ratio Parameter and Chemical Reaction on MHD Natural Convective Nanofluid Flow over a Vertical Cone	Rajiv Gandhi University, Arunachal Pradesh, India	silpi.hazarika@rgu.ac.in
Geeti Gogoi	Numerical study of Variable Viscosity and Thermal Conductivity on the MHD flow with a flat surface	Research Scholar, Dibrugarh University	geetigogoi94@gmail.com
S.Sampathraj	–	Loyola College, Chennai	sudarsampath007@gmail.com
HARJYOTI DAS	Modelling and Design of a Solar Thermal Energy Storage with Paraffin Wax as a Phase Change Material (PCM)	Department of Mechanical Engineering, Tezpur University, Napaam, Sonitpur-784028	sdharjyotidas@gmail.com
Dr. Ashim Bora	Prediction of School Student's Scholastic Success in Mathematics: Artificial Neural Networks Approach	Diphu Government College, Diphu, Assam, India.	ashim.bora@rgu.ac.in
Riyajur Rahman	New Congruences For Fractional Partition Function Modulo Odd Primes	Rajiv Gandhi University Rono Hills, Arunachal Pradesh, Pin - 791112	riyajurrahman@gmail.com
Shilpa	Study of heat and flow transfer characteristics of gold-blood nanofluid over non-linear stretching sheet	Research Scholar, Department of Physics, Amity University, Haryana	shilpataneja1992@gmail.com
Bhuban Chandra Deuri	On solutions of an integral equation	Rajiv Gandhi University	bhuban.as4u@gmail.com

Yowa Nanung	Structural characterization of CdS and CdS/ZnS core-shell nanocomposites	RGU	yowanang99@gmail.com
Dr. C. Sivashanmugaraja	Fuzzy Pre*- γ -Open and Fuzzy Pre*- γ -Continuous Mappings in Fuzzy Topological Spaces	Periyar Govt. Arts College, Cuddalore	csrajamaths@yahoo.co.in
Dr. Manoj Biswakarma	Wave force by an Oscillating Water Column in presence of channel of finite width.	Govt.Hr.Sec.School, Pangin, Siang District(Arunachal Pradesh)	manoj784179@gmail.com
MRINMOY GOUTOM BARUAH	A Review on Phase Change Material (PCM) for Solar Thermal Energy Storage.	Department of Mechanical Engineering, Tezpur University, Napaam, Sonitpur-784028, Assam, India.	mgbofficial18@gmail.com
Dr. Raj Narayan Yadav	Some application of differential equations to different fields.	Department of Mathematics, Mahendra Morang Adarsha multiple campus Tribhuvan University, Biratnagar, Nepal.	rajnarayanyadav1961@gmail.com
Upendra Kumar Mandal	Some application of differential equations to different fields.	MMAM Campus, Tribhuvan University, Biratnagar, Nepal.	upendramandal678@gmail.com
Bed Prasad Regmi	Som application of differential equations to different filleds.	Department of Mathematics, Mahakavi Devkota Campus, Sunval, Nepal	birendraregmi68@gmail.com
Rabina Chaudhary	Gas compression Engine.	MMAM Campus, Tribhuvan University, Biratnagar, Nepal.	Chaudharyrubina12345@gmail.com
Sashi yadav	Gas compression Engine.	MMAM Campus, Tribhuvan University, Biratnagar, Nepal.	mesashiyadav08@gmail.com
Tridiv Jyoti Neog	An Application of Similarity of Fuzzy Soft Sets in Recruitment Problem	Research Scholar, Department of Mathematics, The Assam Kaziranga University, Jorhat	tridivjyoti@gmail.com
Dr. Sonali Bhatnagar	The muon telescope : An old but fundamental experiment for undergraduates in high energy physics	Dayalbagh Educational Institute, Dayalbagh, Agra-282005	sonalibhatnagar@dei.ac.in
Dr. Rupam Kr Gogoi	Separation of Species of A Binary Fluid Mixture In Generalised Couette Flow In Presence Of Strong Magnetic Field	Sibsagar College, Joysagar	rupamgogoi1973@gmail.com
Hena Rani Biswas	Symbolic Dynamics for One dimensional Chaotic maps and its Applications	Assistant Professor, Department of Mathematics, University of Barishal, Barishal-8200, Bangladesh.	biswas.hena@yahoo.com
Pankaj Kakati	The q-Rung Orthopair Fuzzy Hamacher Generalized Shapley Choquet Integral Operator and its Application to Multiattribute Decision Making	Department of Mathematics, Jagannath Barooah College, Jorhat, Assam:785001, India	pankaj05kakati@gmail.com
Jitendra	Numerical solution of moving boundary problem in presence of moving phase change material	DEPARTMENT OF MATHEMATICS, INSTITUTE OF SCIENCE, BANARAS HINDU UNIVERSITY	jgupta.bbau@gail.com
Saugata Purkayastha	On the effect of integral elements on lifting nilpotent elements of a ring to a module	Assam Don Bosco University, Tapesia Gardens, Sonapur, Tapesia, Assam- 782402	saugata.purkayastha@dbuniversity.ac.in
Dr. Shrinath Dilip Manjarekar	On two – dimensional Generalized Elzaki Tarig Transformations properties and convergence	LVH Arts, Science and Commerce College, Nashik - 03	shrimathematics@gmail.com
Mohabbat Ali	On Weakly Pseudo-Projectively Symmetric Riemannian Manifolds	Jamia Millia Islamia (A Central University), New Delhi	ali.math509@gmail.com

List of Attendee

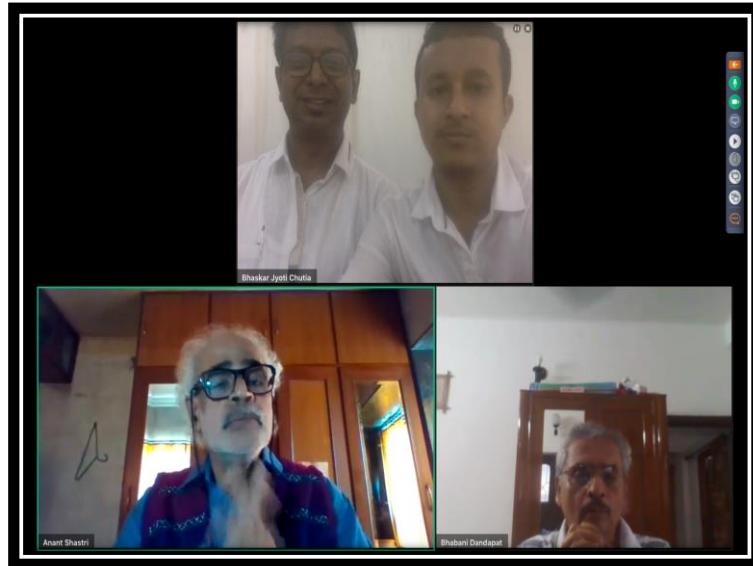
Name	Title	Affiliation
Upendra Kumar Mandal	Some Application Of Differential Equations To Different Fields.	MMAM Campus, Tribhuvan University, Biratnagar, Nepal. Email: upendramandal678@gmail.com
Bed Prasad Regmi	Som Application Of Differential Equations To Different Filleds.	Department Of Mathematics, Mahakavi Devkota Campus, Sunval, Nepal. Email: birendraregmi68@gmail.com

Rabina Chaudhary	Gas Compression Engine.	MMAM Campus, Tribhuvan University Biratnagar, Nepal. Email: chaudharyrubina12345@gmail.com
Kongkona Tamuly	Centre Manifold Theorem And Hopf Bifurcation In A Nonlinear Differential Equation.	M. Sc. Student, Department of Mathematical Sciences, Tezpur University, Tezpur, Assam, India. Email: tkongkona@gmail.com
Darshana Devi	On the Existence of Solution to a Semi-linear Functional Differential Equation	Department of Mathematical Sciences, Tezpur University, Tezpur, Assam, India. Email: darsana.mou@gmail.com
Debasish Gorai	Attended	NIT Arunachal, Papumpare, Arunachal Pradesh, India. Email: debasishgorai280@gmail.com
Shaik Shafi	Attended	NIT Arunachal, Papumpare, Arunachal Pradesh, India. Email: skshafi04@gmail.com
Dharmalingam M	Attended	NIT Puducherry, Karaikal, India. Email: mdharmaphd@gmail.com
S. Sampathraj	Attended	Loyola College, Chennai, India. Email: sudarsampath007@gmail.com
Agnidipto Bhattacharya	Attended	Ramakrishna Mission Vivekananda Centenary College, India. Email: agnidipto17@rediffmail.com
Brajesh Kumar Kulshrestha		Govt. College Dholpur, Rajasthan, India. Email: bkkul.ram@gmail.com

5.3: Photographs



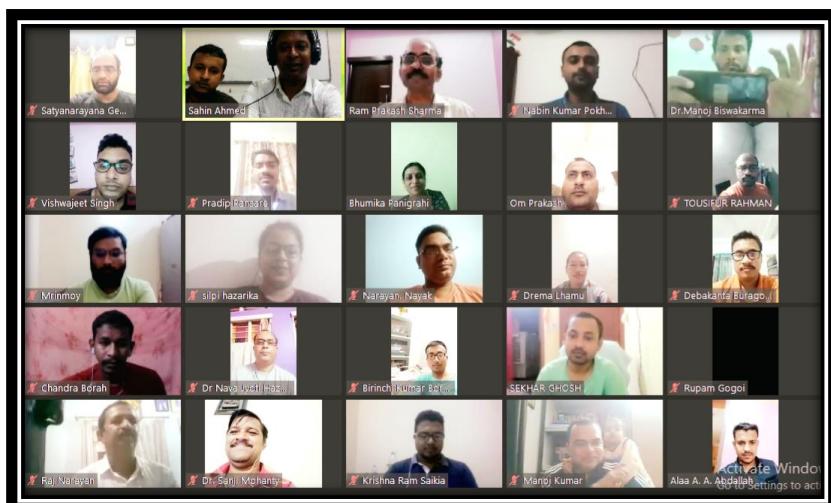
Pic – 1 : During Presentation of Chief Guest, Padma Shree Prof. Dinesh Singh on 1st September, 2020.



Pic – 2 : During Presentation of Prof. Anant R. Shastri, IIT Bombay on 2nd September, 2020.



Pic – 3 : During Presentation of Dr. Mehdi Eslami, Iran.



Pic – 4 : During Valedictory Function.

5.4: Media Coverage

THE DAWNLT POST

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Three-day ICAMST-2020 concludes

RONO HILLS, Sep 3: The three-day online 'International Conference on Advances in Mathematics, Science and Technology', (ICAMST-2020), which was going on at the Rajiv Gandhi University (RGU) here, since September 1, concluded today. The event was organized by the department of Mathematics, RGU with its HoD Prof Sahin Ahmed as conference convener. It aimed to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on various aspects of Mathematics, Science and Technology. It also provides an interdisciplinary platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Mathematics and allied sciences. Altogether 165 participants attended all the 14 technical sessions, which were addressed by 15 renowned invited mathematicians from various parts of India, Iran, Bangladesh, Malaysia and Nepal.



International Conference On Advances In Maths , Science & Technology Concludes At RGU

September 4, 2020

east turn

Itanagar, Sept 4: The three-day online international conference on advances in mathematics, science and technology, (ICAMST) concluded at Rajiv Gandhi University (RGU) on Thursday.

Altogether 165 participants from India, Iran, Bangladesh, Malaysia and Pakistan attended all the 14 technical sessions, which were addressed by 15 renowned invitees during the three-day conference organized by RGU's mathematics department. Prof Taher Armaghani of Shashrood University, Iran, RGU Basic Sciences Faculty Dean Prof PK Kalita, and RGU Maths HoD Prof Sahin Ahmed were the resource persons of the valedictory function.

Earlier, on September 1, RGU Vice Chancellor, Prof Saket Kushwaha in his inaugural address said that the conference on mathematics, science and technology would be beneficial to Arunachal "where mathematics achievement is very poor."

Former VC of the University of Delhi, Dinesh Singh in his keynote address highlighted the importance of international conferences, particularly during the Covid-19 pandemic.

The Arunachal Pioneer

Mathematics webinar concludes

TAP | Updated: September 3, 2020

RONO HILLS, Sep 03: The three-day online international conference on 'Advances in Mathematics, Science and Technology' (ICAMST-2020) concluded at Rajiv Gandhi University here on Thursday.

The conference was organised by RGU's Department of Mathematics with HoD Sahin Ahmed as the convener. It aimed at bringing together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on various aspects of mathematics, science and technology.

It also provides an interdisciplinary platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of mathematics and allied sciences.

The valedictory session of the international conference was graced by Taher Armaghani of Shashrood University, Iran, Dean of RGU's Faculty of Basic Sciences, P.K. Kalita, and Ahmed. The organising coordinator, Bhaskar Jyoti Chutia extended the vote of thanks to the dignitaries and participants.

Leading mathematicians from India, Iran, Bangladesh, Malaysia and Nepal attended the Conference.

Altogether, 165 participants attended all the 14 technical sessions, which were addressed by 15 renowned invited speakers from different parts of the world.

The international conference was inaugurated by the RGU Vice Chancellor Saket Kushwaha. Former VC of University of Delhi Dinesh Singh was the chief guest and Satyajit Roy of the Department of Mathematics, IIT-Madras as the guest of honour.

Ahmed said that abstracts from various departments other than mathematics and branches of allied sciences were received for the conference.

In the chairman's address, Kushwaha said conferences on mathematics, science and technology would be beneficial to Arunachal Pradesh where mathematical achievement is very poor.

Chief guest Singh gave the keynote deliberation and underlined why the conference was necessary during the Covid-19 pandemic.



RGU'S ONLINE ICAMST-2020 CONCLUDES

3rd Sep 2020 11:09: PM State

RONO HILLS, Sep 3: The three-day online International Conference on Advances in Mathematics, Science and Technology (ICAMST-2020) which commenced here at the Rajiv Gandhi University on September 1, concluded on Thursday. The conference which aimed to bring together leading academic scientists, researchers and scholars for exchanging experiences and research results on various aspects of Mathematics, Science and Technology was organized by RGU's Department of Mathematics with HoD Professor Sahin Ahmed as the convener. VC Professor Saket Kushwaha inaugurated the conference in virtual presence of Padmashree Professor Dinesh Singh, the former University of Delhi VC as Chief Guest and Professor Satyajit Roy of the Department of Mathematics, IIT Madras as Guest of Honour. With 14 technical sessions, it provided an interdisciplinary platform to discuss the recent innovations, trends, challenges and solutions adopted in the fields of Mathematics and allied sciences.

Renowned mathematicians from India, Iran, Bangladesh, Malaysia and Nepal attended with a total participation of 165. RGU PR.

The Arunachal Times



ICAMST concludes at RGU

September 4, 2020

RONO HILLS, Sep 3: The three-day online international conference on advances in mathematics, science and technology, (ICAMST) concluded at Rajiv Gandhi University (RGU) here on Thursday.

Altogether 165 participants from India, Iran, Bangladesh, Malaysia and Pakistan attended all the 14 technical sessions, which were addressed by 15 renowned invitees during the three-day conference organized by RGU's mathematics department.

Prof Taher Armaghani of Shashrood University, Iran, RGU Basic Sciences Faculty Dean Prof PK Kalita, and RGU Maths HoD Prof Sahin Ahmed were the resource persons of the valedictory function.

Earlier, on 1 September, RGU Vice Chancellor, Prof Saket Kushwaha in his inaugural address said that the conference on mathematics, science and technology would be beneficial to Arunachal "where mathematics achievement is very poor."

Former VC of the University of Delhi, Dinesh Singh in his keynote address highlighted the importance of international conferences, particularly during the Covid-19 pandemic.

Prof Sahin Ahmed also spoke in the inaugural session of the conference.