

ONE DAY INTERNATIONAL WEBINAR
ON

Mathematical Modeling and its Application

Organized by

Department of Mathematics
GOVT. GENERAL DEGREE COLLEGE, MURAGACHHA



P.S.: Nakashipara, Dist.: Nadia, West Bengal-741154

18th September 2020

List of Paper Presented in the Seminar

SL No	Name, Designation, Email, Ph no, Date and Time of Submission	Department, Affiliation	Paper Title
1.	Ms. SUDESH KUMARI Lecturer sudeshmdu@gmail.com 9017467465	Department of Mathematics, Govt College Meham M.D. University, Rohtak-124001, INDIA	ECONOMIC ANALYSIS OF A STOCHASTIC MODEL ON THREE-SIMILAR UNITS THREE- PHASED MISSION SYSTEM CONSIDERING LCFS PATTERN IN REPAIR
2.	Ms. RUJDA PARVEEN Research Scholar rujdaparveen93@gmail.com 9874197918	Mathematics, Visva Bharati University Santiniketan, Bolpur, West Bengal-731235, India.	NUMERICAL STUDY OF HEAT TRANSFER AND FLUID FLOW OF MAGNETOHYDRODYNAMIC NATURAL CONVECTION IN A SINUSOIDAL ENCLOSURE FILLED WITH NANOFLUID
3.	Mr. SURAJIT DEBNATH Research Scholar surajitdebnath987@gmail.com m 8906800480	Applied Mathematics, University of Calcutta, 92 A. P. C. Road, Kolkata 700009, West Bengal, India	STABILITY AND BIFURCATION ANALYSIS OF A THREE-SPECIES FOOD CHAIN MODEL WITH SEXUALLY REPRODUCTIVE GENERALISED TYPE TOP PREDATOR AND CROWLEY-MARTIN TYPE FUNCTIONAL RESPONSE BETWEEN PREDATORS
4.	Mr. BIKRAM GHOSH Research Scholar bikramghosh13@gmail.com 7679699798	Mathematics, Ramakrishna Mission Vidyamandira, Howrah, West Bengal-711202, India	WORMHOLE SOLUTION AND ENERGY CONDITIONS IN F(R) GRAVITY THEORY
5.	Mr. NIHAR SARKAR Assistant Professor nihar.city@gmail.com 9432841731	Mathematics, City College, Kolkata, West Bengal, India	THE PROPAGATION OF HARMONIC PLANE WAVES IN A NONLOCAL THERMOELASTIC SOLID MEDIUM
6.	Mr. SANDIP DUTTA Research Scholar sdutta@scholar.buruniv.ac.in 8981845638	Mathematics, The University of Burdwan, Golapbag, Purba Bardhaman, West Bengal 713104, India	MATHEMATICAL MODELLING OF VISCOUS ACCRETION FLOW TOWARDS SUPERMASSIVE BLACK HOLE
7.	Mr. ADITYA KUMAR PATI Research Scholar	Mathematics, Centurion University of Technology and	MODELING OF HEAT AND MASS TRANSFER IN NATURAL CONVECTIVE

	adityamathematics100@gmail.com 7978286996	Management, Odisha, India	BOUNDARY LAYER FLOW OF A NANOFLUID OVER A VERTICAL FLAT PLATE
8.	Dr. KANIKA MANDAL Assistant Professor boson89@yahoo.com 9163036434	Mathematics, Nalanda Mahila College, Bihar Sharif, Patliputra University, Bihar, India	IMPROVED SIMILARITY MEASURE IN NEUTROSOPHIC ENVIRONMENT AND ITS APPLICATION IN FINDING MINIMUM SPANNING TREE
9.	Mr. SAYANTAN ROY Assistant Professor roysayantana6@gmail.com 7003907168	Mathematics, Jhargram Raj College, Jhargram, West Bengal, India	TWO PROOFS OF THE QUADRATIC RECIPROCITY LAW
10.	Mr. Kamal Kumar Pradhan Research Scholar kkpradhanmaths@gmail.com 09078781927	School of Applied Science, Centurion University of Technology and Management, Paralakhemundi, Gajapati, Odisha, India	AN EXPLORATION ON MATHEMATICAL MODELLING FOR NANOFLUID SIMULATION
11.	Mr. NARAYAN DAS Assistant Professor narayandas8145@gmail.com 8145107790	Mathematics, Government General Degree College, Dantan-II, Kashmuli, Porolda, Paschim Medinipur, 721445	PLANE HARMONIC WAVES IN NONLOCAL THERMOELASTIC SOLID OF TYPE III
12.	Dr. SOMNATH BHATTACHARYA Assistant Professor somnath94347@gmail.com 9432133048	Physics, Durgapur Govt. College, Jawaharlal Nehru Avenue, Durgapur, Paschim Bardhaman, 713214	FIRST-PASSAGE TIME DISTRIBUTION OF NONLINEAR PERCOLATIVE RRTN MODEL
14.	Mr. KOUSIK MAITI Research Scholar kousikulu@gmail.com 9563334328	Department of Mathematics, National Institute of Technology Rourkela, Rourkela-769008, India	ON ESTIMATION OF EXTENDED CHEN STRESS STRENGTH RELIABILITY MODEL WITH PROGRESSIVE CENSORING AND APPLICATIONS
15.	Dr. SUJIT GHOSH Assistant Professor math.sujit6@gmail.com 9932111160	Department of Mathematics, Krishnagar Government College, Krishnagar, Nadia, West Bengal, India	Normal Almost Contact Metric Manifolds Admitting Almost Ricci Soliton
17.	Dr. MANAB BISWAS Assistant Professor dr.manabbiswas@gmail.com 9933668201	Department of Mathematics, Kalimpong College, Affiliated to University of North Bengal, Kalimpong, Dist- Kalimpong, PIN-734301, West Bengal, India	(p,q)-ORDER AND (p,q)-LOWER ORDER OF ENTIRE FUNCTIONS OF SEVERAL COMPLEX VARIABLES ON THE BASIS OF CENTRAL INDEX
18.	Dr. RAM KRISHAN Assistant Professor ramk123.verma@gmail.com 9797631994	Department of Mathematics, Govt. Degree College, Kathua-184101, Jammu & Kashmir	UPPER AND LOWER BOUNDS FOR ESSENTIAL NORM OF DIFFERENCE OF COMPOSITION OPERATORS
20	Mr. Debnath Goswami Assistant Teacher goswamidebnath143@gmail.com 8101250541	Karcha Jr. High School, P.O: Bhangra, Dist : Purulia, Pin : 723148, West Bengal, India	DIJKSTRA'S ALGORITHM FOR SHORTEST PATH PROBLEM UNDER HESITANT FUZZY ENVIRONMENT USING HESITANT FUZZY BONFERRONI MEANS

22.	Ms. SUDIPTA MUKHOPADHYAY Student mukhosudipta@gmail.com 9330695710	Mathematics with Data Science, Institute of Mathematics and Applications, Bhubaneswar, India	MACHINE LEARNING IN PORTFOLIO OPTIMIZATION
23.	Ms. MANDOBI BANERJEE Research Scholar mandobibanerjee@gmail.com 8902563770	Department of Mathematics, Jadavpur University, Kolkata- 700032, West Bengal, India	INSCRIPTION ON STATISTICAL CONVERGENCE OF ORDER α
24.	Ms. ANJALI Assistant Professor anjalisharma234.as@gmail.com 9816469768	Dept. of Mathematics, KLBDAV College Palampur	MATHEMATICAL MODELING IN NETWORK ANALYSIS
25.	Ms. MAHAK BHATIA Research Scholar mahak.bhatia@ruj-bsdu.in 9785100351	Dept. of Mathematics, Bhartiya Skill Development University, Jaipur Defense Colony, Rajasthan, India	AGRI-WAREHOUSE MANAGEMENT – A CONCEPTUAL MODEL
26.	Mr. SUPRIYA BHUNIA Research Scholar supriya1995.sb@gmail.com 9732549037	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India	ON DIFFERENT PHENOMENON OF (α, β) - PYTHAGOREAN FUZZY SUBGROUPS
27.	MS. TAMOGHNI MANNA Research Scholar tamoghnimanna@gmail.com 8240427373	Department of Human Physiology, Burdwan University, Hooghly, West Bengal, India	A COMPARATIVE STUDY OF PHYSICAL, PHYSIOLOGICAL AND ANTHROPOMETRICAL PROFILE OF YOUNG MALE TRIBAL AND NONTRIBAL FOOTBALLERS



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