

# Department of Mathematics

School of Basic Sciences  
The Assam Kaziranga University



Reference No: KU/SBS/MATH/2022/007

It is hereby notified that the M. Sc/Int. M.Sc dissertation thesis of the following students of the Department of Mathematics, School of Basic Sciences, The Assam Kaziranga University has been accepted for the award of the degree of Master of Science in Mathematics for the year 2022.

Sl. No.	Roll No.	Name of the Candidate	Research Topic	Guide/Supervisor	Co-Guide/Supervisor
1	BS20MSCMH008	RAKHIT RANJAN GOWALLA	Analysis of Lundqvist-Korf and Kanis Mathematical model	Dr. Dimpal Jyoti Mahanta	
2	BS20MSCMH011	NUKLUKABA LONGKUMER	Study on Lunqvist-Korf model and Janoschek model		
3	BS20MSCMH014	NIPAN SAHARIA	A Brief Study on the Lundqvist-Korf and the Sloboda Height Growth Model		
4	BS20MSCMH015	PONKY BORAH	A study on $\delta$ –fuzzy soft set and its application	Dr. Biju Kumar Dutta	
5	BS20MSCMH019	PUJA PEGU	Analysis on Glioblastoma Multifrome, a Brain Tumor Model		
6	BS20MSCMH021	SERALU VADEO	A Mathematical Modelling approach for the analysis of COVID-19		
7	BS20MSCMH004	BIDYUT JYOTI SARMAH	The study of medical diagnosis using intuitionistic fuzzy set in terms of 2D Hamming distance	Dr. Sarfraz Ahmed	
8	BS20MSCMH005	QUEEN KATAKY	A study using intuitionistic fuzzy set for the diagnosis of diabetes, anaemia, hypertention, cancer and covid-19		

*Accepted*  
16-08-22

*[Signature]*

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9	BS20MSCMH012	C LONGTSO	Study of cost effective treatment of suspected patient by using Rough set theory based and Bayesian decision theory		
10	BS20MSCMH013	SWAPNIL BHARADWAJ	The study of rough set theory based multi class decision making framework for effective treatment of diabetic suspected patient.		
11	BS20MSCMH001	CHOU WALICKTA SINGKAI	Study of Casson nano fluid a over a stretching porous surface in presence of uniform magnetic field	Dr. Ardhendu Sekhar Khound	
12	BS20MSCMH003	MOITREE BORA	Study of Casson fluid flow passes through a vertical surface.		
13	BS20MSCMH009	SWAPNIL BHARADWAJ	Analysis of entropy generation of Casson fluid past an exponentially porous surface in presence of heat source and radiation		
14	BS20MSCMH002	MOSHIR UDDIN SK	A Study on Social Networks using Graph Theoretic Concepts	Dr. Manoshi Kotoky	
15	BS20MSCMH007	CHERANJIB KONWAR	Study of clique in traffic control problem using graph theoretical aspects		
16	BS20MSCMH018	HUKITO YEPTHOMI	A Comparative and Analytical study of Kruskal's and Prim's Algorithm		

*Approved*  
16-08-22


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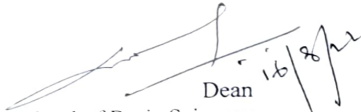


## Int. M. Sc. Dissertation/Mathematics/SBS/2017Batch

Sl. No.	Roll No.	Name of the Candidate	Research Topic	Guide/Supervisor	Co-Guide/Supervisor
1	BS17MSIMH003	RITUPARNA ROY	A Study on SIRSI Model for Dengue and Zika virus	Dr. Biju Kr. Dutta	Ms. Trishna Saikia

  
16-08-22  
**Head of the Department**  
**Department of Mathematics**

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1. Dean (Research), The Assam Kaziranga University
2. Secretary to Dean, School of Basic Sciences, KU
3. Librarian, The Assam Kaziranga University
4. Dr. Dimpal Jyoti Mahanta, HoD & Assistant Professor, Department of Mathematics, School of Basic Sciences, KU
5. All faculty members, Department of Mathematics, School of Basic Sciences, KU
6. Mr. Neel Kamal Singha for necessary uploading in the official website