

# RUPJYOTI BORAH

<https://orcid.org/0000-0001-7765-7877>

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## Country

India

## Employment (1)

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### Dibrugarh University: Dibrugarh, Assam, IN

2019-02-11 to present | Research Scholar (Mathematics)

Employment

Source:RUPJYOTI BORAH

## Education and qualifications (2)

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### Dibrugarh University: Dibrugarh, Assam, IN

2021-09-27 to present | Ph.D Scholar (Mathematics)

Education

Source:RUPJYOTI BORAH

### Dibrugarh University: Dibrugarh, Assam, IN

2019-02-10 to 2020-01-10 | M. Phil (Mathematics )

Education

Source:RUPJYOTI BORAH

## Membership and service (1)

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### International Association of Engineers: Hong Kong,

Hong Kong, CN

2020-08-10 to present | Member (Mathematics)

Service

Source:RUPJYOTI BORAH

## Works (17 of 17)

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**Stability analysis on dual solutions of MHD Casson fluid flow with thermal and chemical reaction over a permeable elongating sheet**

*Heat Transfer*

2022-06 | journal-article

DOI: 10.1002/htj.22456

Source:Crossref

**Analysis of Dual Solutions in MHD Fluid Flow with Heat and Mass Transfer Past an Exponentially Shrinking/Stretching Surface in a Porous Medium**

*International Journal of Applied and Computational Mathematics*

2022-04 | journal-article

DOI: 10.1007/s40819-022-01268-7

Source:Crossref

**Analysis of Entropy Generation of Casson Fluid Flow Over a Stretching Surface with Second-Order Velocity Slip in Presence of Radiation and Chemical Reaction**

*International Journal of Applied and Computational Mathematics*

2022-02-04 | journal-article

DOI: 10.1007/s40819-022-01243-2

Part of ISSN: 2349-5103

Part of ISSN: 2199-5796

Source:RUPJYOTI BORAH

**ENTROPY GENERATION ANALYSIS OF MAGNETIZED MICROPOLAR FLUID STREAMING ABOVE AN EXPONENTIALLY EXTENDING PLANE**

*Latin American Applied Research - An international journal*

2021-09-30 | journal-article

DOI: 10.52292/j.laar.2021.716

Part of ISSN: 1851-8796

Part of ISSN: 0327-0793

Source:RUPJYOTI BORAH

**Dual Solutions of Casson nanofluid flow due to an Exponentially porous Stretching Surface with a Second-order Slip: Stability Analysis**

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2021-06-20 | preprint

DOI: 10.22541/au.162417048.82927339/v1

Source:RUPJYOTI BORAH

**Stability analysis on dual solutions of second- grade fluid flow with heat and mass transfers over a stretching sheet**

*International Journal of Thermofluid Science and Technology*

2021-05-15 | journal-article

DOI: 10.36963/ijtst.2021080203

Part of ISSN: 2706-9885

Source:RUPJYOTI BORAH

**Research Trends in Mathematics and Statistics**

*AkiNik Publications*

2021-01-01 | book

DOI: 10.22271/ed.book.1385

ISBN: 9789391538545

Source:RUPJYOTI BORAH

**Research Trends in Mathematics and Statistics**

*AkiNik Publications*

2021-01-01 | book

DOI: 10.22271/ed.book.1326

ISBN: 9789391538859

Source:RUPJYOTI BORAH

**Research Trends in Multidisciplinary Research**

*AkiNik Publications*

2021-01-01 | book

DOI: 10.22271/ed.book.1396

ISBN: 9789355700407

Source:RUPJYOTI BORAH

**Analysis of Visco-elastic Fluid Flow Over an Inclined Cylinder: A Numerical Approach**

*Advances in Intelligent Systems and Computing*

2021 | book-chapter

DOI: 10.1007/978-981-15-9927-9\_13

Part of ISBN: 9789811599262

Part of ISBN: 9789811599279

Part of ISSN: 2194-5357

Part of ISSN: 2194-5365

Source:RUPJYOTI BORAH

**Boundary Layer Flow and Its Dual Solutions Over a Stretching Cylinder: Stability Analysis***Advances in Intelligent Systems and Computing*

2021 | book-chapter

DOI: 10.1007/978-981-15-9927-9\_3

Part of ISBN: 9789811599262

Part of ISBN: 9789811599279

Part of ISSN: 2194-5357

Part of ISSN: 2194-5365

Source:RUPJYOTI BORAH

**Memory Fluid Flow Past a Vertical Circular Cylinder and Its Energy Transfer***Advances in Intelligent Systems and Computing*

2021 | book-chapter

DOI: 10.1007/978-981-15-9927-9\_9

Part of ISBN: 9789811599262

Part of ISBN: 9789811599279

Part of ISSN: 2194-5357

Part of ISSN: 2194-5365

Source:RUPJYOTI BORAH

**Nature of Dual Solutions of MHD Maxwell Fluid flow due to a porous stretching sheet with Thermal and Mass Diffusivity: Stability Analysis***65th Congress of ISTAM, 2020*

2020-11-05 | conference-paper

Source:RUPJYOTI BORAH

**Matrix in Biometric Recognition***Purbayon Publication, Guwahati*

2020-10-14 | edited-book

Source:RUPJYOTI BORAH

**Mathematical Modelling on Thermally Stratified Magnatized Boundary Layer Flow of Micropolar Fluid over an Exponentially Expanding Sheet***DELTA, A collection of Research articles in Mathematical Sciences*

2020-09-13 | book-chapter

Source:RUPJYOTI BORAH

**DUAL SOLUTIONS OF BOUNDARY LAYER FLOW WITH  
HEAT AND MASS TRANSFERS OVER AN  
EXPONENTIALLY SHRINKING CYLINDER: STABILITY  
ANALYSIS**

*Latin American Applied Research*

2020-06-24 | journal-article

Source:RUPJYOTI BORAH

**THERMOPHORESIS AND DIFFUSION THERMO  
EFFECTS ON SHEAR THICKENING AND SHEAR  
THINNING CASES OF FLUID MOTION PAST A  
PERMEABLE SURFACE**

*Journal of Mechanics of Continua and Mathematical  
Sciences*

2020-02-04 | journal-article

Source:RUPJYOTI BORAH

**Peer review (1)**

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- review activity for **PloS one. (1)**

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