

## GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH

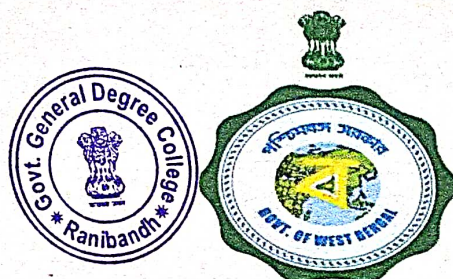
Vill + P.O. : Rautara \*P.S. : Barikul \*Dist. : Bankura \*Pin Code: 722135\* West Bengal\* India

Ph. : +917872790264 e-mail : [govtgencol.ranibandh@gmail.com](mailto:govtgencol.ranibandh@gmail.com) Website : [ranibandhgovtcollege.org](http://ranibandhgovtcollege.org)

3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
On Solving Mean Payoff Games using Pivoting Algorithms.	S. K., Neogy, Prasenjit Mondal, A. Gupta, and D. Ghorui,	Mathematics	Asia-Pacific Journal of Operational Research,	2018	ISSN: 0217-5959 (P), 1793-7019 (O), IF: 1.118	<a href="https://doi.org/10.1142/S0217595918500355">https://doi.org/10.1142/S0217595918500355</a>	<a href="https://doi.org/10.1142/S0217595918500355">https://doi.org/10.1142/S0217595918500355</a>	YES
<i>Samamarmi Sakhya: Rabindranath &amp; Dwijendralal</i> (সমমর্মী সখ্য: রবীন্দ্রনাথ ও দ্বিজেন্দ্রলাল)	Tanmay Singha Mahapatra	Bengali	এবং মহুয়া (Ebong Mahua) Vol 21, Issue 112	2019	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES

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Fluorogenic sulphate anion sensor with INHIBIT logic gate by dinuclear Zn (II) complex: Synthesis, emission, DFT studies'	Amar Hens	Chemistry	Inorganica Chimica Acta 511 (2020) 119794	2020	Online ISSN: 1873-3255 Print ISSN: 0020-1693 IF: 3.118	<a href="https://doi.org/10.1016/j.ica.2020.119794">https://doi.org/10.1016/j.ica.2020.119794</a>	<a href="https://doi.org/10.1016/j.ica.2020.119794">https://doi.org/10.1016/j.ica.2020.119794</a>	YES
'A combined experimental and theoretical study to explore the catecholalike activity of a hepta coordinated dinuclear Zn(II) complex'	Amar Hens	Chemistry	Inorganic Chemistry Communications 119 (2020) 108144	2020	Print ISSN: 1387-7003 Online ISSN: 1879-0259 IF: 3.428	<a href="https://doi.org/10.1016/j.inoche.2020.108144">https://doi.org/10.1016/j.inoche.2020.108144</a>	<a href="https://doi.org/10.1016/j.inoche.2020.108144">https://doi.org/10.1016/j.inoche.2020.108144</a>	YES
'Two hundred times enhancement of emission intensity of a heptadentate acyclic sensor coordinated with Zn <sup>2+</sup> ion: synthesis, crystal structure and emission properties'	Amar Hens	Chemistry	Journal of Coordination Chemistry 73 (2020), 1730-1743	2020	Print ISSN: 0095-8972 Online ISSN: 1029-0389 IF: 1.867	<a href="https://doi.org/10.1080/00958972.2020.1795842">https://doi.org/10.1080/00958972.2020.1795842</a>	<a href="https://doi.org/10.1080/00958972.2020.1795842">https://doi.org/10.1080/00958972.2020.1795842</a>	YES

  
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Dakhin Bankurai (Ranibandh Block) Jangle Maholer Santal Jatir Samajik o Arthonoitik Jano Jiban: Ek Adhyayan (দক্ষিণ বাঁকুড়ার (রানিবাঁধ ব্লক) জঙ্গল মহলের সাঁওতাল জাতির সামাজিক ও অর্থনৈতিক জনজীবন: এক অধ্যয়ন)	Sunil Saren	Santali	এবং মহুয়া Ebong Mahua Vol. 22 (120) Page No.451	2020	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES
Narivabnar Prekhyete Lila Majumderer Srimati: Ekti onusandhan (নারীভাবনার প্রেক্ষিতে লীলা মজুমদারের শ্রীমতি: একটি অনুসন্ধান)	Priyanka Dey	Bengali	এবং মহুয়া 'Ebong Mahua' Vol 22(120) Page No. 44	2020	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES

  
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Praktik Biporjoy Mokabilai Projuktri byabaha প্রাকৃতিক বিপর্যয় মোকাবিলায় প্রযুক্তির ব্যবহার	Madhusudan Garain	Physics	এবং মহুয়া EbongMahua 22, Vol 126	2020	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES
Semi-stationary Equilibrium Strategies in Non-cooperative N-person Semi-Markov Games. In: Roy P., Cao X., Li XZ., Das P., Deo S. (eds) Mathematical Analysis and Applications in Modeling. ICMAAM 2018.	<b>Prasenjit Mondal, S. Sinha,</b>	Mathematics	Springer Proceedings in Mathematics & Statistics, Springer, Singapore 302, 331-343.	2020	ISSN: 219410 09, 21941017  IF: 0.23	<a href="https://doi.org/10.1007/978-981-15-0422-8_28">https://doi.org/10.1007/978-981-15-0422-8_28</a>	<a href="https://doi.org/10.1007/978-981-15-0422-8_28">https://doi.org/10.1007/978-981-15-0422-8_28</a>	YES
A Policy Improvement Algorithm for Solving a Mixture Class of Perfect Information and AR-AT Semi-Markov Games	<b>Prasenjit Mondal, S. K.Neogy, A. Gupta, and D. Ghorui,.</b>	Mathematics	International Game Theory Review, World Scientific Publishing Company	2020	ISSN: 0219- 1989 (P),1793- 6675 (O),  IF: 0.37	<a href="https://doi.org/10.1142/S0219198920400083">https://doi.org/10.1142/S0219198920400083</a>	<a href="https://doi.org/10.1142/S0219198920400083">https://doi.org/10.1142/S0219198920400083</a>	YES

  
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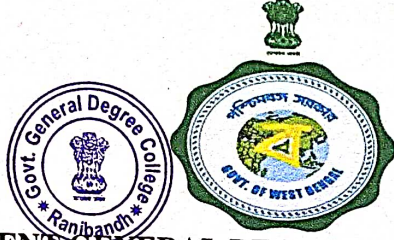
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			22(2), 204008-1—204008-19					
An analysis of thermal performance and entropy generation in a wavy enclosure with moving walls	Anirban Chattopadhyay, Swapan K Pandit, Hakan F Oztop	Mathematics	European Journal of Mechanics / B Fluids 79 (2020) 12–26	2020	ISSN 0997-7546. IF-2.183	<a href="https://doi.org/10.1016/j.euromechflu.2019.08.006">https://doi.org/10.1016/j.euromechflu.2019.08.006</a>	<a href="https://doi.org/10.1016/j.euromechflu.2019.08.006">https://doi.org/10.1016/j.euromechflu.2019.08.006</a>	YES
Thermal Performance in transient MHD thermogravitational convection of nanofluid with various heating effect	Anirban Chattopadhyay, K. D. Goswami, Swapan K Pandit, M. A. Sheremet	Mathematics	Journal of thermal analysis and Calorimetry	2020	ISSN: 1388-6150 (print); 1588-2926 (web) IF 4.755	<a href="https://doi.org/10.1007/s10973-020-10077-3">https://doi.org/10.1007/s10973-020-10077-3</a>	<a href="https://doi.org/10.1007/s10973-020-10077-3">https://doi.org/10.1007/s10973-020-10077-3</a>	YES
Adhunik Prosange Jouno Siskha: Sonkhipta Darsanaktak Porjalochona (আধুনিক প্রসঙ্গে যৌনশিক্ষা, সংক্ষিপ্ত দর্শনার্থক পর্যালোচনা)	Partha Pratim Das Choudhury	Education	এবং মহুয়া Ebong Mahua Vol 23 (132) Page No. 422	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES

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Jatio Shikha niti 2020 Shikhak Shikhner pathanirdeshikha ebong satantra B. Ed Protisthane shiskhanitir Provab (জাতীয় শিক্ষানীতি 2020 শিক্ষক শিখনের পথনির্দেশতা এবং স্বতন্ত্র বি.এড প্রতিষ্ঠানে শিক্ষানীতির প্রভাব)	Susanta Barat	Education	এবং মহুয়া Ebong Mahua Vol 23 (136) Page No. 394	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES
Ouponibeshik Shasonkale Birbhumer Tasar Shilpo (1858-1947) (ঔপনিবেশিক শাসনকালে বীরভূমের তসর শিল্প (১৮৫৮-১৯৪৭))	Ramkrishna Saha	History	এবং মহুয়া 'Ebong Mahua' Vol. 23 Number- 137	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES
Bingsho Satapdir Kabitai Mahabharater Chittrakotha (বিংশ শতাব্দীর কবিতায় মহাভারতের চিত্রকথা)	Snigdha De	Bengali	এবং মহুয়া EbongMahua 23, Vol 138	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES

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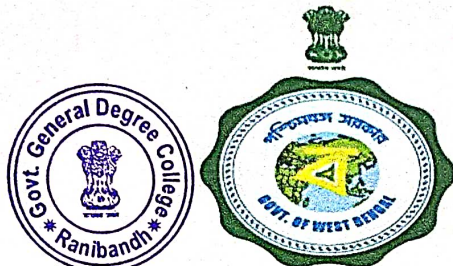
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Electronic Barjya o Byabasthapano (ইলেকট্রনিক বর্জ্য ও ব্যবস্থাপনা)	Madhusudan Garain	Physics	এবং মছয়া EbongMahua 23, Vol 132	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	YES
Sabuj Vabishyater dike E- barjya Hrase green- Electronics er Vumika সবুজ ভবিষ্যতের দিকে ই- বর্জ্য হ্রাসে গ্রীন- ইলেকট্রনিক্সের ভূমিকা	Madhusudan Garain	Physics	এবং মছয়া EbongMahua 23, Vol 141	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	YES
Uchhashiskha Protisthane Jatio Shiskhaniti 2020 Bastoboaner Somalochonamulok Bishleshon (উচ্চশিক্ষা প্রতিষ্ঠানে জাতীয় শিক্ষানীতি 2020 বাস্তবায়নের সমালোচনামূলক বিশ্লেষণ)	Susanta Barat	Education	এবং মছয়া EbongMahua 23, Vol 141	2021	Journal Sl. No. 42327	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	<a href="https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList">https://ugccare.unipune.ac.in/Apps/1/User/Web/SearehList</a>	YES

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Synthesis Photophysical properties and theoretical studies of pyrrole based azoaromatic Zn (II) complexes in mixed aqueous medium	T. Ghorui, <b>Amar Hens</b> , K. Pramanik	Chemistry	Inorganica Chimica Acta 527, 120586- 12059	2021	Online ISSN: 1873-3255 Print ISSN: 0020-1693  IF: 3.118	<a href="https://doi.org/10.1016/j.ica.2021.123769">https://doi.org/10.1016/j.ica.2021.123769</a>	<a href="https://doi.org/10.1016/j.ica.2021.123769">https://doi.org/10.1016/j.ica.2021.123769</a>	YES
Photoluminescence amplification of cerium incorporated graphene oxide nanoparticles by photoinduced reduction: A mechanistic study highlighting structural orderness	Dinesh Kumar Pyne, Shovon Chatterjee, Tuyan Biswas, <b>Prosenjit Saha</b> , Partha Dutta, ArnabHalder	Chemistry	Journal of Luminescence 235 (2021) 118019	2021	ISSN: 0022- 2313  IF 3.280	<a href="https://doi.org/10.1016/j.jlumin.2021.118019">https://doi.org/10.1016/j.jlumin.2021.118019</a>	<a href="https://doi.org/10.1016/j.jlumin.2021.118019">https://doi.org/10.1016/j.jlumin.2021.118019</a>	YES
Impact of moving walls on combined convection flow and thermal performance in a wavy chamber	<b>Anirban Chattopadhyay</b> , Hemanta Karmakar, Swapan K Pandit, Ali J Chamkha	Mathematics	Journal of Thermal Analysis and Calorimetry, 147 (5) (2021) 3731- 3752	2021	ISSN: 158829 26, 13886150  IF-3.641	<a href="https://doi.org/10.1007/s10973-021-10663-z">https://doi.org/10.1007/s10973-021-10663-z</a>	<a href="https://doi.org/10.1007/s10973-021-10663-z">https://doi.org/10.1007/s10973-021-10663-z</a>	YES

  
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Brownian motion of magnetonano fluid flow in an undulated partially heated enclosure	Krishno D Goswami, <b>Anirban Chattopadhyay</b> , Swapan K Pandit, Mikhail A Sheremet	Mathematics	International Journal of Mechanical Sciences 198 (2021) 106346	2021	ISSN: 002074 03 IF-5.48	<a href="https://doi.org/10.1016/j.ijmecsci.2021.106346">https://doi.org/10.1016/j.ijmecsci.2021.106346</a>	<a href="https://doi.org/10.1016/j.ijmecsci.2021.106346">https://doi.org/10.1016/j.ijmecsci.2021.106346</a>	YES
On the analysis of magnetohydrodynamics and magnetic field-dependent viscosity effects on thermogravitational convection of hybrid nanofluid in an enclosure with curved walls	Swapan K Pandit, Krishno D Goswami, <b>Anirban Chattopadhyay</b> , Hakan F Öztop	Mathematics	Physics of Fluids 33 (10) (2021) 102010	2021	ISSN: 1070-6631 (print); 1089-7666 (web) IF-4.980	<a href="https://doi.org/10.1063/5.0061451">https://doi.org/10.1063/5.0061451</a>	<a href="https://doi.org/10.1063/5.0061451">https://doi.org/10.1063/5.0061451</a>	YES
Transient thermogravitational convection for magneto hybrid nanofluid in a deep cavity with multiple isothermal source-sink pairs	KD Goswami, <b>Anirban Chattopadhyay</b> , SK Pandit, MA Sheremet	Mathematics	International Journal of Thermal Sciences 173, 107376	2021	ISSN 1290-0729.	<a href="https://doi.org/10.1016/j.ijthermalsci.2021.107376">https://doi.org/10.1016/j.ijthermalsci.2021.107376</a>	<a href="https://doi.org/10.1016/j.ijthermalsci.2021.107376">https://doi.org/10.1016/j.ijthermalsci.2021.107376</a>	YES

  
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Rigvedera prithivi (ঋকবেদের পৃথিবী)	Dibbendu Roy	Sanskrit	এবং মহায়া EbongMahua pages 69-72	2021	Journal Sl. No. 42327	<a href="https://ugccar.e.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccar.e.unipune.ac.in/Apps1/User/WebA/SearchList</a>	<a href="https://ugccar.e.unipune.ac.in/Apps1/User/WebA/SearchList">https://ugccar.e.unipune.ac.in/Apps1/User/WebA/SearchList</a>	YES
Discounted Semi-Markov Games and Algorithms for Solving Two Structured Classes.	Prasenjit Mondal	Mathematics	International Game Theory Review. World Scientific Publishing Company,	2022	0219-1989 (P), 1793-6675 (O) IF: 0.3	<a href="https://doi.org/10.1142/S0219198921500067">https://doi.org/10.1142/S0219198921500067</a>	<a href="https://doi.org/10.1142/S0219198921500067">https://doi.org/10.1142/S0219198921500067</a>	YES
Prācīnabhāratīyavyākaraṇa paramparāyām pāṇinīyavyākaraṇasya śreṣṭhatvam	Laxmikanta Murmu	Sanskrit	Veda-Vipasha, vol-09	2022	2348-7828	<a href="https://csu-balahar.edu.in/journal_vedavipasha.html">https://csu-balahar.edu.in/journal_vedavipasha.html</a>	<a href="https://rb.gy/li3gin">https://rb.gy/li3gin</a>	YES
“Vākyapadiye Vākyasvarūpam”	Dr Malay porey	Sanskrit	Kiraṇāvalī Vol-XIV Page No – 312-319.	2022	ISSN-0975- 4067	<a href="https://sites.google.com/view/kiranaivalionline">https://sites.google.com/view/kiranaivalionline</a>	<a href="https://sites.google.com/view/kiranaivalionline">https://sites.google.com/view/kiranaivalionline</a>	YES
“Pāṇinīyavyākaraṇa Padasvarūpasamīkṣaṇam”	Dr Malay porey	Sanskrit	Śodhaprajñā Vol-19 Page No – 1-7.	2022	ISSN-2347- 9892	<a href="http://www.usvv.ac.in/research-journal.php">http://www.usvv.ac.in/research-journal.php</a>	<a href="http://www.usvv.ac.in/research-journal.php">http://www.usvv.ac.in/research-journal.php</a>	YES

*msg*  
Officer-in-Charge  
G.G.D.C. Ranibandh  
Rautara, Bankura, 722135




## GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH

Vill + P.O. : Rautara \*P.S. : Barikul \*Dist. : Bankura \*Pin Code: 722135\* West Bengal\* India

Ph. : +917872790264 e-mail : govtgencol.ranibandh@gmail.com Website : ranibandhgovtcollege.org

Magneto-thermogravitational convection for hybrid nanofluid in a novel shaped enclosure	K. D Goswami, Anirban Chattopadhyay, S. K Pandit,	Mathematics	International Journal of Mechanical Sciences 234 (2022) 107674	2022	ISSN: 0020-7403 IF-6.772	<a href="https://doi.org/10.1016/j.ijmecsci.2022.107674">https://doi.org/10.1016/j.ijmecsci.2022.107674</a>	<a href="https://doi.org/10.1016/j.ijmecsci.2022.107674">https://doi.org/10.1016/j.ijmecsci.2022.107674</a>	YES
Synthesis of Aryl/Heteroaryl Selenides Using Transition Metals Catalyzed Cross Coupling and C-H activation	D. Kundu, Atanu Mataha, Totan Roy	Chemistry	Current Organic Chemistry 2022, 26, 1470	2022	ISSN (Print): 1385-2728 ISSN (Online): 1875-5348 IF 1.933	<a href="https://doi.org/10.2174/1385272827666221103104321">https://doi.org/10.2174/1385272827666221103104321</a>	<a href="https://doi.org/10.2174/1385272827666221103104321">https://doi.org/10.2174/1385272827666221103104321</a>	YES

  
Officer-in-Charge  
G.G.D.C. Ranibandh  
Rautara, Bankura, 722135