



GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160


CRITERION 3

3.3 Research Publications and Awards

Documentation w.r.t. 3.3.1 Number of research papers published per teacher in the Journals notified on UGC website during the last five years

Links to the papers published in Journals listed in UGC CARE List




Dr. Sibsankar Pal
Officer-in-charge
Gov. Gen. Degree College, Tehatta
Nadia-741160



GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

Links to the papers published in Journals listed in UGC CARE List

Year 2018


Sl No.	Title of Paper	Author	Department	Journal	Link
1	A Rough Approximation of Fuzzy Soft Set-Based Decision-Making Approach in Supplier Selection Problem	Supratim Mukherjee	Mathematics	Fuzzy Information and Engineering	https://www.tandfonline.com/loi/tfie20
2	The Concept of Justice and the Status of Women in Islam: A Theological and Philosophical Study	MD Najir Hossain	Philosophy	International Journal of Creative Research Thoughts	www.ijert.org

Links to the papers published in Journals listed in UGC CARE List

Year 2019

Sl No.	Title of Paper	Author	Department	Journal	Link
1	Effects of fractional and two-temperature parameters on stress distributions for an unbounded generalized thermoelastic medium with spherical cavity	Md Abul Kashim Molla	Mathematics	Arab Journal of Basis and Applied Science	https://www.tandfonline.com/doi/full/10.1080/25765299.2019.1621511




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160



GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA


Tehatta, Nadia, Pin-741160

Links to the papers published in Journals listed in UGC CARE List

Year 2020

Sl No.	Title of Paper	Author	Department	Journal	Link
1	সপ্তদশ লোকসভা নির্বাচন (২০১৯): মুর্শিদাবাদ জেলার নির্বাচনী ফলাফলের একটি পর্যালোচনা	Avijhit Saha	Political Science	Itikatha	https://www.bangiyaitikatha.in
2	Hunger as a Metaphor of Emasculation in Bhabani Bhattacharya' He Who Rides a Jourr Tiger	Saswata Kusari	English	Asian Quarterly: An International Journal of Contemporary issues	https://www.iasepune.in/aq/
3	Adsorption and anti-corrosion characteristics of vanillin Schiff bases on mild steel in 1 M HCl: experimental and theoretical study	Sanjoy Satpati	Chemistry	RSC Advances	https://pubs.rsc.org/en/content/articlehtml/2020/ra/c9ra07982c
4	Waves in generalized thermo-viscoelastic infinite continuum with cylindrical cavity due to three-phase-lag time-nonlocal heat transfer	Md Abul Kashim Molla	Mathematics	Journal of Thermal Stress	https://www.tandfonline.com/doi/abs/10.1080/01495739.2020.1749196
5	Threats of plastic pollution and awareness among common people: A multi attribute problem	Supratim Mukherjee	Mathematics	Eco. Env. & Cons	http://www.envirobiotechjournals.com/EEC/v26i420/EEC-65.pdf




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160




GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

6	Bis-benzothiazoles as efficient corrosion inhibitors for mild steel in aqueous HCl: Molecular structure-reactivity correlation study	Sanjoy Satpati	Chemistry	Journal of Molecular Liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732220313453
7	বিপ্লবে বারুদের গন্ধ নেই সুভাষ মুখোপাধ্যায়ের সমকালীনতা ও বিশ্বজনীনতা	Avijhit Saha	Political Science	Anustup	https://anustup.org.in/
8	Influence of position of hydroxyl group of flavonoids on their binding with single stranded polyriboadenylic acid: A spectroscopic evaluation	Susmita Chowdhury	Chemistry	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	https://www.sciencedirect.com/science/article/pii/S1386142520309872?casa_token=kVvg9uVNwZcAAAAA:LqBOWbdcUmCMgG6xMZ_fgTCLhMnnKdwaoN5WXIkzS1oL1zIguTJzIw_p62I8FWj4QLKJqjLhIg
9	Federalism at the Crossroads: Crisis of the Linguistic Minorities in India	Pritin Dutta	Political Science	Rupkatha Journal on Interdisciplinary Studies in Humanities	http://rupkatha.com/V12/n5/rioc1s24n2.pdf
10	A Spectroscopic Approach towards the Comparative Binding Studies of the Antioxidizing Flavonol Myricetin with Various Single-Stranded RNA	Susmita Chowdhury	Chemistry	Chemistry Select	https://chemistry-europe.onlinelibrary.wiley.com/doi/epdf/10.1002/slct.202003601




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160



GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA


Tehatta, Nadia, Pin-741160

Links to the papers published in Journals listed in UGC CARE List

Year 2021

Sl No.	Title of Paper	Author	Department	Journal	Link
1	Amino acid and cinnamaldehyde conjugated Schiff bases as proficient corrosion inhibitors for mild steel in 1 M HCl at higher temperature and prolonged exposure: Detailed electrochemical, adsorption and theoretical study	Sanjoy Satpati	Chemistry	Journal of Molecular Liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732220373190
2	Probing blood plasma samples for the detection of diabetes using SERS aided by PCA and LDA multivariate data analyses	Sumit Kumar Das	Physics	New Journal of Chemistry	https://pubs.rsc.org/en/content/articlehtml/2021/nj/d0nj04508j?casa_token=7DPB5wXsq68AAAAA:9AsfUtZur317LPcR6q-kRjND9BjE0H9L_SgP5q5f5qr60TFiDbikB-ztUS8iTfHDHKiRE-NGIQWk4w
3	One-pot facile synthesis and electrochemical evaluation of selenium enriched cobalt selenide nanotube for supercapacitor application.	Ajoy Mandal	Physics	Ceramics International	https://www.sciencedirect.com/science/article/abs/pii/S0272884221004508
4	ক্ষেত্রসমীক্ষার আলোকে লোকগুণ্ধ ও চিকিৎসা: তবু একলব্য	Nitish Ghosh	Bangla	Tabu Akolabya	https://portal.issn.org/resource/ISSN/0976-9463




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160




GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

5	Variational principle, uniqueness and reciprocity theorems for higher order time-fractional four-phase-lag generalized thermoelastic diffusion model	Md Abul Kashim Molla	Mathematics	Mechanics Based Design of Structures and Machine	https://www.tandfonline.com/doi/full/10.1080/15397734.2021.1882311?casa_token=OcqObQe2aRAAAAAA%3A14yPTmiMzVV4Nu2nfpLWlAb54W_SNtdifnzFE1jJbwjgDQ6-k73wkTFVCB3Z5TTwHgSyJFfhPdp-
6	Nitrogen vacancy and hydrogen substitution mediated tunable optoelectronic properties of g-C ₃ N ₄ 2D layered structures: applications towards blue LED to broad-band photodetection.	Ajoy Mandal	Physics	Applied Surface Science	https://www.sciencedirect.com/science/article/abs/pii/S0169433221008497
7	Interface engineering of moisture-induced ionic albumen dielectric layers through self-crosslinking of cysteine amino acids for low voltage, high-performance organic field-effect transistors.	Ajoy Mandal	Physics	Nanoscale	https://pubs.rsc.org/en/content/articlelanding/2021/nr/d1nr02759j/unauth
8	Fuzzy Membership Function Evaluation by Non-Linear Regression: An Algorithmic Approach	Supratim Mukherjee	Mathematics	Fuzzy Information and Engineering	https://www.tandfonline.com/doi/full/10.1080/16168658.2021.1911567
9	Silver nanodot decorated dendritic copper foam as a hydrophobic and mechano-chemo bactericidal surface.	Ajoy Mandal	Physics	Langmuir	https://pubs.acs.org/doi/abs/10.1021/acs.langmuir.1c00698




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160




GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

10	শান্তি প্রতিষ্ঠা, মানবাধিকার রক্ষা এবং আজকের আফগানিস্তান	Avijhit Saha	Political Science	Aparjan	https://aparjan.com/2021/09/30/september2021-avsaaar/
11	গান্ধীজীর সত্যগ্রহ: একটি নৈতিক এবং রাজনৈতিক অস্ত্র	Raghnath Roy	History	Ebong Mohua	https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA
12	Comparative binding studies on the interaction of the indoloquinoline alkaloid cryptolepine with the B and the non-canonical protonated form of DNA: A spectroscopic insight	Susmita Chowdhury	Chemistry	Biochimica et Biophysica Acta (BBA) - General Subjects	https://www.sciencedirect.com/science/article/pii/S0304416521001525?casa_token=kDThpgnjoYUAAAAA:sFnmi_AbRrBKGv56vx5145shIcsqVcILg3ztZzwC2UwpJM8kgwDSjVL33u_TRwHU93kPRDP46A
13	The alkaloid cryptolepine as a source of polyadenylate targeting therapeutic agent: Induction of self-assembly in the polyadenylate moiety	Susmita Chowdhury	Chemistry	Archives of Biochemistry and Biophysics	https://www.sciencedirect.com/science/article/pii/S0003986121002915?casa_token=8Nut1O3T-TAAAAAA:5XFZILwrwFTr-Dvb8GegDkFjSXZhLg6GEXy26I2wF8fjp1W5dXG6cZXEap-MS0qhL.CtbuRLzxcg
14	বাংলা সাহিত্যে আফগান প্রসঙ্গ অনুসন্ধান	Shubhadi P Debnath	Bangla	Aparjon	https://aparjan.com/2021/09/30/september2021-shdear/
15	Time-Nonlocal Six-Phase-Lag Generalized Theory of Thermoelastic Diffusion with Two-Temperature	Md Abul Kashim Molla	Mathematics	Waves in Random and Complex Media	https://www.tandfonline.com/doi/full/10.1080/017455030.2021.1974601?casa_token=qv8o5ATo3tQAAAAA%3AQk-vhijs2EavSdcUIv0Iwz




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160



GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA


Tehatta, Nadia, Pin-741160

					ZHzElvF4sMcnk6EY OCjQcY3hbz7T4Iop moUy_14bC_6OEE2r2 Olze
--	--	--	--	--	---

Links to the papers published in Journals listed in UGC CARE List Year 2022

Sl No.	Title of Paper	Author	Department	Journal	Link
1	সদর্কক অন্তর্ঘাতের দুই সেনানী: সুবিমল-নবারুণ	Shubhadip Debnath	Bangla	Jonpod Prayas	
2	ত্রিদোষ তত্ত্ব ও হিউমোর্‌য়াল থিয়োরির প্রেক্ষিতে গোসানী-মঙ্গল : তবু একলব্য	Nitish Ghosh	Bangla	Tabu Akolabya	https://portal.issn.org /resource/ISSN/0976- 9463
3	Atomic-Scale Imaging and Nano-Scale Mapping of Cubic α -CsPbI ₃ Perovskite Nanocrystals for Inverted Perovskite Solar Cells.	Ajoy Mandal	Physics	ACS Applied Materials & Interfaces	https://pubs.acs.org/d oi/abs/10.1021/acsam i.1c20794
4	Application of Memory Dependent Derivatives on Three Phase Lag Theory with Two Temperature for an Unbounded Generalized Thermoelastic Medium Having Spherical Hole	Md Abul Kashim Molla	Mathematics	Journal of the Calcutta Mathematica l Society	https://acrobat.adobe.c om/id/urn:aaid:sc:AP:e f542403-f214-4303- b9be-41b6f20e8244
5	The Weaver Community of Murshidabad District: an overview	Avijit Saha	Political Science	International Journal of Integrated	https://www.ijird.org/




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160




GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

				Research and Development	
6	Anti-corrosive propensity of naturally occurring aldehydes and 1-(3-aminopropyl)imidazole condensed Schiff bases: Comparison on the effect of extended conjugation over electron donating substituents	Sanjoy Satpati	Chemistry	Journal of Molecular Structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286022013394
7	Diffusion-induced ingress of angiotensin-converting enzyme ² into charge conducting path of pentacene channel for efficient detection of SARS-CoV-2 in saliva samples.	Ajoy Mandal	Physics	ACS Sensor	https://pubs.acs.org/doi/abs/10.1021/acssensors.2c01287
8	Fabrication of gold nanoparticles tethered in heat-cooled calf thymus-deoxyribonucleic acid Langmuir-Blodgett film as effective surface-enhanced Raman scattering sensing platform	Sumit Kumar Das	Physics	Front. Chem	https://www.frontiersin.org/articles/10.3389/fchem.2022.1034060/full
9	Self-assembled gold nanoparticles on the serpentine networks of Calf Thymus-DNA Langmuir-Blodgett films as efficient SERS sensing platform: Fabrication and	Sumit Kumar Das	Physics	Materials Chemistry and Physics	https://www.sciencedirect.com/science/article/pii/S0254058422014468?casa_token=ZUPY4cHQoAAAAA:K4vQWBHyCv_5RTQUvRwPZSC8nZMKJOhl2eQcdC2YaAG08Cs_Fxz




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160




GOVERNMENT GENERAL DEGREE COLLEGE, TEHATTA

Tehatta, Nadia, Pin-741160

	its application in thiram detection				fLZok3ZERZozloO42te g
10	Two-Temperature Generalized Piezo-Thermoelastic Problem with Eringen's Non-local Effect and Memory-Dependent Derivatives under Three Phase Lag Heat Transfer	Md Abul Kashim Molla	Mathematics	Waves in Random and Complex Media	https://www.tandfonline.com/doi/full/10.1080/17455030.2022.2161023?casa_token=sQYWd-aDGA4AAAAA%3AtjO-uTGU7Cj36F-b_hlIdALjRUPvH03-8OIQ-Vb2pitXwiby3ZSs3ZUL1Gr16scE94VdzL1MjGTR




Dr. Sibsankar Pal
Officer-in-charge
Govt. Gen. Degree College, Tehatta
Nadia-741160