



GOVERNMENT GIRLS' GENERAL DEGREE COLLEGE

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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/Scopus/Web of Science/other, mention
2018								
Bell-CHSH violation under global unitary operations: Necessary and sufficient conditions	Ganguly, N., Mukherjee, A., Roy, A., Bhattacharya, S. S., Paul, B. and Mukherjee, K.	Mathematics	International Journal of Quantum Information	2018	ISSN (print): 0219-7499 ISSN (online): 1793-6918	International Journal of Quantum Information (worldscientific.com)	Bell-CHSH violation under global unitary operations: Necessary and sufficient conditions International Journal of Quantum Information (worldscientific.com)	https://www.scopus.com/sources.uri
The flux distribution of individual blazars as a key to understand the dynamics of particle acceleration	Atreyee Sinha, Rukaiya Khatoon, Ranjeev Misra, Sunder Sahayanathan, Soma Mandal , Rupjyoti Gogoi, Nilay Bhatt,	Physics	Monthly Notices of the Royal Astronomical Society: Letters	2018	Online ISSN 1745-3933 Print ISSN 1745-3925	Monthly Notices of the Royal Astronomical Society: Letters Oxford Academic (oup.com)	flux distribution of individual blazars as a key to understand the dynamics of particle acceleration Monthly Notices of the Royal Astronomical Society: Letters Oxford Academic (oup.com)	https://www.scopus.com/sources.uri

2019								
Restricted distribution of quantum correlations in bilocal network	Kaushiki Mukherjee	Mathematics	Quantum Information Processing	2019	EISSN 1573-1332	Quantum Information Processing Home (springer.com)	Restricted distribution of quantum correlations in bilocal network SpringerLink	https://www.scopus.com/sources.uri
Human Capital Accumulation In Two Sector Endogenous Growth Model: Special Emphasis On Service Good – A Comparative Static Analysis	Senjuti Gupta	Economics	Elementary Education Online	2019	ISSN:1305-3515	Elementary Education Online (ilkogretim-online.org)	https://ilkogretim-online.org/index.php/pub/article/view/7696	https://www.scopus.com/sources.uri
OPTIMAL TAX POLICY IN AN ENDOGENOUS GROWTH MODEL WITH A CONSUMABLE SERVICE GOOD	Senjuti Gupta	Economics	Economic Annals	2019	ISSN:0013-3264	Economic Annals Економски факултет (bg.ac.rs)	Optimal tax policy in an endogenous growth model with a consumable service good – DOAJ	https://www.scopus.com/sources.uri
Service Good as an Intermediate Input and Optimal Government Policy in an Endogenous Growth	Senjuti Gupta	Economics	South Asian Journal of Macroeconomics and Public Finance	2019	ISSN:277-9787 E-ISSN:2321-0273	South Asian Journal of Macroeconomics and Public Finance: Sage Journals (sagepub.com)	Service Good as an Intermediate Input and Optimal Government Policy in an Endogenous Growth Model - Senjuti Gupta, Bidisha Chakraborty, Tanmoyee Banerjee (Chatterjee), 2019 (sagepub.com)	https://www.scopus.com/sources.uri

2020

Reactions of the carbazole alkaloid mahanimbine with mineral acid, Lewis acid and m-chloroperbenzoic acid"	Mumu Chakraborty	Chemistry	Indian Journal of Chemistry, Section-B	2020	ISSN:0376-4699 E-ISSN:0975-0983	Indian Journal of Chemistry - Section B (IJC-B) (niscair.res.in)	Reactions of the carbazole alkaloid Mahanimbine with mineral acid, Lewis acid and m-chloroperbenzoic acid Chakraborty Indian Journal of Chemistry - Section B (IJC-B) (niscair.res.in)	https://www.scopus.com/sources.uri
"Mumunine-a new carbazole alkaloid from Murraya koenigii(Linn.) Spreng"	Mumu Chakraborty	Chemistry	Journal of Scientific Research, Rajshahi University	2020	ISSN:2070-0237 E-ISSN:2070-0245	Journal of Scientific Research (banglajol.info)	https://www.govtgirlsekbalpur.com/documents/Research/Publication/Mumu_Publications_2020.pdf	UGC CARE LIST I
An unorthodox metal-free synthesis of dihydro-6H-quinoline-5-ones in ethanol/water using a non-nucleophilic base and their cytotoxic studies on human cancer cell line	Arijit Kundu, Bhaswati Bhattacharyya , Kalipsanna Dhara, Subhobrata Paul, Indira Majumder and Rita Kundu	Chemistry	New J. Chem.	2020	ISSN:144-0546 E-ISSN:1369-9261	New Journal of Chemistry (rsc.org)	An unorthodox metal-free synthesis of dihydro-6H-quinoline-5-ones in ethanol/water using a non-nucleophilic base and their cytotoxic studies on human cancer cell line - New Journal of Chemistry (RSC Publishing)	https://www.scopus.com/sources.uri
Characterizing quantum correlations in a fixed-input n-local network scenario	Kaushiki Mukherjee , Biswajit Paul and Arup Roy	Mathematics	Physical Review A	2020	ISSN 2469-9934 (online) 2469-9926 (print)	Physical Review A (aps.org)	Phys. Rev. A 101, 032328 (2020) - Characterizing quantum correlations in a fixed-input n-local network scenario (aps.org)	Scopus preview - Scopus - Sources

2021

Service Sector, Human Capital Accumulation And Exogenous Growth Model	Senjuti Gupta	Economics	Elementary Education Online	2021	ISSN: 1305-3515	Elementary Education Online (ilkogretim-online.org)	https://ilkogretim-online.org/index.php/pub/article/view/7697	https://www.scopus.com/sources.uri
Endogenous Growth Model In A Two Sector Competitive Economy: Service Good Used As A Factor Input In Commodity Sector	Senjuti Gupta	Economics	Elementary Education Online	2021	ISSN: 1305-3515	Elementary Education Online (ilkogretim-online.org)	Endogenous Growth Model In A Two Sector Competitive Economy: Service Good Used As A Factor Input In Commodity Sector Elementary Education Online (ilkogretim-online.org)	https://www.scopus.com/sources.uri
Service Sector And Optimal Taxation In An Endogenous Growth	Senjuti Gupta	Economics	Elementary Education Online	2021	ISSN: 1305-3515	Elementary Education Online (ilkogretim-online.org)	https://ilkogretim-online.org/index.php/pub/article/view/7698	https://www.scopus.com/sources.uri
CLIMATE CHANGE AND ENDANGERED LIVELIHOOD IN INDIAN SUNDARBANS- A BASELINE APPRAISAL	Rajashree Dasgupta	Geography	International Journal of Interdisciplinary Organizational Studies	2021	ISSN:2324-7649E - ISSN:2324-7657	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)	https://www.scopus.com/sources.uri

KOLKATA CITY AND ITS DETERIORATING SLUM ENVIRONMENT IN TERMS OF HEALTH AND NUTRITION STATUS-ISSUES IN PERSPECTIVE	Rajashree Dasgupta	Geography	Russian Law Journal Open Access	2021	ISSN:2309-8678 E-ISSN:2312-3605	Russian Law Journal	KOLKATA CITY AND ITS DETERIORATING SLUM ENVIRONMENT IN TERMS OF HEALTH AND NUTRITION STATUS - ISSUES IN PERSPECTIVE Russian Law Journal	https://www.scopus.com/sources.uri
Any two-qubit state has nonzero quantum discord under global unitary operations	Kaushiki Mukherjee , Biswajit Paul and Sumana Karmakar	Mathematics	Eur. Phys. J. D	2021	E ISSN: 1434-6079 ISSN: 1434-6060	The European Physical Journal D (EPJ D)	Any two-qubit state has nonzero quantum discord under global unitary operations SpringerLink	Scopus preview - Scopus - Sources
2022								
Reflection of Ideologies and its clashes in the Cairo Trilogy of Naguib Mahfouz (In'ekasul Ideolojiyyah wa sira'uha fi sulasiyyatul Qaherah Lenajeeb Mahfooz	Abdul Matin Wasim	Arabic	Kalikoot	2022	2278-764X	KALIKOOT (kaalikoot.com)	https://www.govtgirlsekb.alpur.com/documents/Research/Publication/Matin_Publications.pdf	UGC CARE LIST
"Identification of Naturally Occurring Carbazole Alkaloids Isolated from Murraya koenigii and Glycosmis pentaphylla by the Preparation of HPLC Fingerprint"	Mumu Chakraborty	Chemistry	Journal of Scientific Research, Rajshahi University	2022	ISSN:2070-0237 E-ISSN:2070-0245	Journal of Scientific Research (banglajol.info)	https://www.govtgirlsekb.alpur.com/documents/Research/Publication/Mumu_Publications_2022.pdf	UGC CARE LIST
Spatio-temporal Analysis of Crop Combination and Productivity in Purba Barddhaman District, West Bengal	Suradhuni Ghosh	Geography	Geographical Review of India	2022	ISSN: 0375-6386	Geographical Society of India - Kolkata	https://www.govtgirlsekb.alpur.com/documents/Research/Publication/Suradhuni_Ghosh_Publications.pdf	UGC CARE LIST

Revealing hidden steering nonlocality in a quantum network	Kaushiki Mukherjee, Biswajit Paul and Soma Mandal	Mathematics Physics	Eur. Phys. J. D	2022	E ISSN: 1434-6079 ISSN: 1434-6060	The European Physical Journal D (EPJD)	Revealing hidden steering nonlocality in a quantum network SpringerLink	Scopus preview - Scopus - Sources
2023								
Hidden non-n-locality in linear networks	Kaushiki Mukherjee, Soma Mandal, Tapaswani Patro and Nirman Ganguly	Mathematics Physics	Physical Review A	2023	ISSN 2469-9934 (online) 2469-9926 (print)	Physical Review A (aps.org)	Phys. Rev. A 108, 032416 (2023) - Hidden non--n-locality in linear networks (aps.org)	Scopus preview - Scopus - Sources
An analysis on linkage between forest ecosystem and economic empowerment	Mousumi Bhar and Mukul Kanti Gole	Economics	Journal of Management Entrepreneurship	2023	ISSN:229-5348	Journal of Management and Entrepreneurship (JME) (xime.org)	https://www.govtgirlsekbalpur.com/documents/Research/Publication/Mousumi Bhar An%20Analysis%20on%20Linkage%20Between%20Forest%20Ecosystem%20and%20Economic%20Empowerment.pdf	UGC CARE LIST
Studies on Medical Plants as livelihood security and economic empowerment	Mousumi Bhar and Mukul Kanti Gole	Economics	South India Journal of Social Sciences	2023	ISSN: 0972-8945	SOUTH INDIA JOURNAL OF SOCIAL SCIENCES (sijss.com)	https://www.govtgirlsekbalpur.com/documents/Research/Publication/Mousumi Bhar Studies%20on%20Medicinal%20Plants%20as%20Livelihood%20Security%20and%20Economic%20Empowerment.pdf	UGC CARE LIST

