



GOVERNMENT GIRLS' GENERAL DEGREE COLLEGE

7, Mayurbhanj Road, Kolkata - 700023

Telephone No. : 033-2448-1160, 033-2448-1171

E-mail: gggdc.coll@gmail.com

Website: www.govtgirlsekalpur.com

Ref. No. :

Date:.....

Criteria 3- Research, Innovations and Extension

3.3- Research Publication and Awards


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

Link re-directing to journal source-cite website in case of digital journals

Links to the paper published in journals listed in UGC CARE list

2023

Title of paper	Name of the author/s	Link to website of the Journal	Link to article / paper / abstract of the article
Hidden non-locality in linear networks	Kaushiki Mukherjee, Soma Mandal, Tapaswani Patro and Nirman Ganguly	Physical Review A (aps.org)	Phys. Rev. A 108, 032416 (2023) - Hidden non-locality in linear networks (aps.org)
An analysis on linkage between forest ecosystem and economic empowerment	Mousumi Bhar and Mukul Kanti Gole	Journal of Management and Entrepreneurship (JME) (xime.org)	Mousumi Bhar An Analysis on Linkage Between Forest Ecosystem and Economic Empowerment.pdf (govtgirlsekalpur.com)
Studies on Medical Plants as livelihood security and economic empowerment	Mousumi Bhar and Mukul Kanti Gole	SOUTH INDIA JOURNAL OF SOCIAL SCIENCES (sijss.com)	Mousumi Bhar Studies on Medicinal Plants as Livelihood Security and Economic Empowerment.pdf (govtgirlsekalpur.com)
Role of Health financing of human health development - an analysis	Mousumi Bhar and Mukul Kanti Gole	InnerPages 72.cdr (unipune.ac.in)	Mousumi Bhar Role of Health Financing on Human Health Development Gô An Analysis.pdf (govtgirlsekalpur.com)
Choice based credit system : A leaf at the reforms in Indian Higher Education	Mukul Kanti Gole, Siddhartha Sankar Laha and Mousumi Bhar	Journal - IIE Pune	Mousumi Bhar Choice Based Credit System A Leaf at the Reforms in Indian Higher Education.pdf (govtgirlsekalpur.com)


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2022

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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	KALIKOOT (kaalikoot.com)	Matin_Publications.pdf (govtgirlsekalpur.com)
"Identification of Naturally Occurring Carbazole Alkaloids Isolated from Murraya koenigii and Glycosmis pentaphylla by the Preparation of HPLC Fingerprint"	Mumu Chakraborty	Journal of Scientific Research (banglajol.info)	Identification of Naturally Occurring Carbazole Alkaloids Isolated from <i>Murraya koenigii</i> and <i>Glycosmis pentaphylla</i> by the Preparation of HPLC Fingerprint Journal of Scientific Research (banglajol.info)
Spatio-temporal Analysis of Crop Combination and Productivity in Purba Bardhaman District, West Bengal	Suradhuni Ghosh	Geographical Society of India – Kolkata	Automatically generated PDF from existing images. (govtgirlsekalpur.com)
Revealing hidden steering nonlocality in a quantum network	Kaushiki Mukherjee, Biswajit Paul and Soma Mandal	The European Physical Journal D (EPJ D)	Revealing hidden steering nonlocality in a quantum network The European Physical Journal D (springer.com)


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2021

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Service Sector, Human Capital Accumulation And Exogenous Growth Model	Senjuti Gupta	Elementary Education Online (ilkogretim-online.org)	Service Sector, Human Capital Accumulation And Exogenous Growth Model 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	Senjuti Gupta	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)
Service Sector And Optimal Taxation In An Endogenous Growth Model	Senjuti Gupta	Elementary Education Online (ilkogretim-online.org)	Service Sector And Optimal Taxation In An Endogenous Growth Model Elementary Education Online (ilkogretim-online.org)
CLIMATE CHANGE AND ENDANGERED LIVELIHOOD IN INDIAN SUNDARBANS- A BASELINE APPRAISAL	Rajashree Dasgupta	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)
KOLKATA CITY AND ITS DETERIORATING SLUM ENVIRONMENT IN TERMS OF HEALTH AND NUTRITION STATUS-ISSUES IN PERSPECTIVE	Rajashree Dasgupta	Russian Law Journal	KOLKATA CITY AND ITS DETERIORATING SLUM ENVIRONMENT IN TERMS OF HEALTH AND NUTRITION STATUS - ISSUES IN PERSPECTIVE Russian Law Journal
Any two-qubit state has nonzero quantum discord under global unitary operations	Kaushiki Mukherjee, Biswajit Paul and Sumana Karmakar	The European Physical Journal D (EPJ D)	Any two-qubit state has nonzero quantum discord under global unitary operations The European Physical Journal D (springer.com)

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2020

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Reactions of the carbazole alkaloid mahanimbine with mineral acid, Lewis acid and m-chloroperbenzoic acid"	Mumu Chakraborty	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)
"Mumunine-a new carbazole alkaloid from Murraya koenigii(Linn.) Spreng"	Mumu Chakraborty	Journal of Scientific Research (banglajol.info)	Mumunine - A New Carbazole Alkaloid from Murraya koenigii (Linn.) Spreng Journal of Scientific Research (banglajol.info)
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	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)
Characterizing quantum correlations in a fixed-input n-local network scenario	Kaushiki Mukherjee, Biswajit Paul and Arup Roy	Physical Review A (aps.org)	Phys. Rev. A 101, 032328 (2020) - Characterizing quantum correlations in a fixed-input n-local network scenario (aps.org)

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2019

Title of paper	Name of the author/s	Link to website of the Journal	Link to article / paper / abstract of the article
Restricted distribution of quantum correlations in bilocal network	Kaushiki Mukherjee	Home Quantum Information Processing (springer.com)	Restricted distribution of quantum correlations in bilocal network Quantum Information Processing (springer.com)
Human Capital Accumulation In Two Sector Endogenous Growth Model: Special Emphasis On Service Good – A Comparative Static Analysis	Senjuti Gupta	Elementary Education Online (ilkogretim-online.org)	Human Capital Accumulation In Two Sector Endogenous Growth Model: Special Emphasis On Service Good – A Comparative Static Analysis Elementary Education Online (ilkogretim-online.org)
OPTIMAL TAX POLICY IN AN ENDOGENOUS GROWTH MODEL WITH A CONSUMABLE SERVICE GOOD	Senjuti Gupta	Economic Annals Економски факултет (bg.ac.rs)	Optimal tax policy in an endogenous growth model with a consumable service good – DOAJ
Service Good as an Intermediate Input and Optimal Government Policy in an Endogenous Growth	Senjuti Gupta	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)

Senjuti Gupta

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2018

Title of paper	Name of the author/s	Link to website of the Journal	Link to article / paper / abstract of the article
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.	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)
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,	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)

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