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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	Department	Name of journal	ISSN No.	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/oth er, mention
Hidden non–n-locality in linear networks	**Kaushiki Mukherjee, Soma Mandal,** Tapaswani Patro and Nirman Ganguly	Mathematics Physics	Physics Review A	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)	Yes, Scopus
An analysis on linkage between forest ecosystem and economic empowerment	**Mousumi Bhar** and Mukul Kanti Gole	Economics	Journal of Management Entreprenuer ship	2229-5348	Journal of Management and Entrepreneurshi p (JME) (xime.org)	Mousumi Bhar An Analysis on Linkage Between Forest Ecosystem and Economic Empowerment.pdf (govtgirlsekbalpur.com)	Yes, UGC CARE
Studies on Medical Plants as livelihood security and economic empowerment	**Mousumi Bhar** and Mukul Kanti Gole	Economics	South India Journal of Social Sciences	0972-8945	SOUTH INDIA JOURNAL OF SOCIAL SCIENCES (sijss.com)	Mousumi Bhar Studies on Medicinal Plants as Livelihood Security and Economic Empowerment.pdf (govtgirlsekbalpur.com)	Yes, UGC CARE
Role of Health financing of human health development - an analysis	**Mousumi Bhar** and Mukul Kanti Gole	Economics	Journal of the Oriental Institute	0030-5324	InnerPages_72. cdr (unipune.ac.in)	Mousumi Bhar Role of Health Financing on Human Health Development GÇô An Analysis.pdf (govtgirlsekbalpur.com)	Yes, UGC CARE
Choice based credit system : A leaf at the reforms in Indian Higher Education	Mukul Kanti Gole, Siddhartha Sankar Laha and **Mousumi Bhar**	Economics	Education and Society	2278-6864	Journal - IIE Pune	Mousumi Bhar Choice Based Credit System A Leaf at the Reforms in Indian Higher Education.pdf (govtgirlsekbalpur.com)	Yes, UGC CARE

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Criteria 3- Research, Innovations and Extension

3.3- Research Publication and Awards

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2022

Title of paper	Name of the author/s	Department	Name of the Journal	ISSN no.	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
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	2278-764X	KALIKOOT (kaalikoot.com)	Matin_Publications.pdf (govtgirlsekbalpur.com)	Yes, UGC CARE
"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	2070-0237 2070-0245	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)	Yes, UGC CARE
Spatio-temporal Analysis of Crop Combination and Productivity in Purba Barddhaman District, West Bengal	Suradhuni Ghosh	Geography	Geographical Review of India	0375-6386	Geographical Society of India – Kolkata	Automatically generated PDF from existing images. (govtgirlsekbalpur.com)	Yes, UGC CARE
Revealing hidden steering nonlocality in a quantum network	**Kaushiki Mukherjee**, Biswajit Paul and **Soma Mandal**	Mathematics Physics	Eur. Phys. J. D	1434-6079 1434-6060	The European Physical Journal D (EPJ D)	Revealing hidden steering nonlocality in a quantum network | The European Physical Journal D (springer.com)	Yes, Scopus

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

2021

Title of paper	Name of the author/s	Department	Name of the Journal	ISSN No.	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
Service Sector, Human Capital Accumulation And Exogenous Growth Model	Senjuti Gupta	Economics	Elementary Education Online	1305-3515	Elementary Education Online (ilkogretim-online.org)	Service Sector, Human Capital Accumulation And Exogenous Growth Model | Elementary Education Online (ilkogretim-online.org)	Yes, Scopus
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	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)	Yes, Scopus
Service Sector And Optimal Taxation In An Endogenous Growth Model	Senjuti Gupta	Economics	Elementary Education Online	1305-3515	Elementary Education Online (ilkogretim-online.org)	Service Sector And Optimal Taxation In An Endogenous Growth Model | Elementary Education Online (ilkogretim-online.org)	Yes, Scopus
CLIMATE CHANGE AND ENDANGERED LIVELIHOOD IN INDIAN SUNDARBANS- A BASELINE APPRAISAL	Rajashree Dasgupta	Geography	International Journal of Interdisciplinary Organizational Studies	2324-7649 2324-7657	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)	The International Journal of Interdisciplinary Organizational Studies (scholar-organizationalstudies.org)	Yes, Scopus
KOLKATA CITY AND ITS DETERIORATING SLUM ENVIRONMENTIN TERMS OF HEALTH AND NUTRITION STATUS- ISSUES IN PERSPECTIVE	Rajashree Dasgupta	Geography	Russian Law Journal Open Access	2309-8678E- 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	Yes, Scopus
Any two-qubit state has nonzero quantum discord under global unitary operations	**Kaushiki Mukherjee,** Biswajit Paul and Sumana Karmakar	Mathematics	Eur. Phys. J. D	1434-6079 1434-6060	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)	Yes, Scopus

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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

2020

Title of paper	Name of the author/s	Department	Name of the Journal	ISSN No.	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
Reactions of the carbazole alkaloi mahanimbine with mineral acid, Lewis acid and m-chloroperbenzoic acid"	Mumu Chakraborty	Chemistry	Indian Journal of Chemistry, Section-B	0376-4699 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)	Yes, Scopus
"Mumunine-a new carbazole alkaloid from Murraya koenigii(Linn.) Spreng"	Mumu Chakraborty	Chemistry	Journal of Scientific Research, Rajshahi University	2070-0237 2070-0245	Journal of Scientific Research (banglajol.info)	Mumunine - A New Carbazole Alkaloid from <i>Murraya koenigii</i> (Linn.) Spreng | Journal of Scientific Research (banglajol.info)	Yes, UGC CARE
An unorthodox metal-free synthesis of dihydro6H-quinoline-5-ones in ethanol/water using a non-nucleophilic base and their cytotoxic studies on human cancer cell line	Arijit Kundu, **Bhaswati Bhattacharyya**, Kaliprsanna Dhara, Subhobrata Paul, Indira Majumder and Rita Kundu	Chemistry	New J. Chem.	1144-0546 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)	Yes, Scopus
Characterizing quantum correlations in a fixed-input n-local network scenario	**Kaushiki Mukherjee**, Biswajit Paul and Arup Roy	Mathematics	Physical Review A	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)	Yes, Scopus

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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

2019

Title of paper	Name of the author/s	Department	Name of the Journal	ISSN No.	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
Restricted distribution of quantum correlations in bilocal network	Kaushiki Mukherjee	Mathematics	Quantum Information Processing	1573-1332	Home | Quantum Information Processing (springer.com)	Restricted distribution of quantum correlations in bilocal network | Quantum Information Processing (springer.com)	Yes, Scopus
Human Capital Accumulation In Two Sector Endogenous Growth Model: Special Emphasis On Service Good – A Comparative Static Analysis	Senjuti Gupta	Economics	Elementary Education Online	1305-3515	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)	Yes, Scopus
OPTIMAL TAX POLICY IN AN ENDOGENOUS GROWTH MODEL WITH A CONSUMABLE SERVICE GOOD	Senjuti Gupta	Economics	Economic Annals	0013-3264	Economic Annals | Економски факултет (bg.ac.rs)	Optimal tax policy in an endogenous growth model with a consumable service good – DOAJ	Yes, Scopus
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	2277-9787 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)	Yes, Scopus

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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

2018

Title of paper	Name of the author/s	Department	Name of the Journal	ISSN No.	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
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	0219-7499 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)	Yes, Scopus
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	1745-3933 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)	Yes, Scopus

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