



# Maulana Azad College

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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 as notified on UGC CARE list during the last five years.

Academic sessions: 2018-19 to 2022-23

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

Title of paper	Name of the author/s	Dept. of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number
						Link to the website of the journal
Evaluation of karyotype diversity in Indian traditional aromatic rice cultivars through EMA-based non-fluorescent Giemsa and fluorescent DAPI staining	Timir Baran Jha, Mihir Halder	Botany	Genetic resources and crop evolution	2023	Electronic ISSN 1573-5109 Print ISSN 0925-9864	<a href="https://doi.org/10.1007/s10722-023-01696-4">https://doi.org/10.1007/s10722-023-01696-4</a>
Fluorometric detection of Al <sup>3+</sup> Ion in mixed aqueous solvent based on simple schiff-base molecular Prob.	Sanju Das	Chemistry	Asian Journal of Chemistry	2023	ISSN: 0975-427X (Online)   ISSN: 0970-7077 (Print)	<a href="https://doi.org/10.14233/ajchem.2023.26944">https://doi.org/10.14233/ajchem.2023.26944</a>
Highly sensitive colorimetric and fluorescent pH sensor of physiological interest	Sanju Das	Chemistry	Materials Today: Proceedings	2023	Online ISSN 2214-7853	<a href="https://doi.org/10.1016/j.matpr.2023.03.390">https://doi.org/10.1016/j.matpr.2023.03.390</a>
Fluorescence probing of pH dependent aggregations and micellization of amphiphilic block copolymer at ultra-dilute condition	Sanju Das and Subhodip Samanta	Chemistry	International Journal of Current Science	2023	ISSN 2250-1770	<a href="https://ijcsrr.org/">https://ijcsrr.org/</a>
Review on Ligands containing phenolic unit used as fluorogenic chemo-sensors during the last decade	Sanju Das	Chemistry	International Journal of Creative Research Thoughts	2023	ISSN 2320-2882	<a href="https://ijcrt.org/">https://ijcrt.org/</a>
Quality of Life Modelling with Invulnerable Social-IoT Using Network Structural Entropy for Sustainable Smart City	P.S. Banerjee, S.N. Mandal, D. De, B. Maiti	Physics	IETE Journal of Research, 69(7):1-9	2023	Print ISSN: 0377-2063 Online ISSN: 0974-780X	<a href="https://doi.org/10.1080/03772063.2022.2160840">https://doi.org/10.1080/03772063.2022.2160840</a>

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A Review on the Recent Applications of Deep Learning in Predictive Drug Toxicological Studies	Krishnendu Sinha, <b>Nabanita Ghosh</b> and Parames Sil	Zoology	Chemical Research in Toxicology	2023	"Print Edition ISSN: 0893-228X	<a href="https://doi.org/10.1021/acs.chemrestox.2c00375">https://doi.org/10.1021/acs.chemrestox.2c00375</a>
An empirical study on financial well-being during the COVID-19 in India	<b>Ujjal Sanyal</b> and Furquan Uddin	Commerce	International Journal of Financial Services Management	2023	ISSN online 1741-8062 ISSN print 1460-6712	<a href="https://www.inderscience.com/info/inarticle.php?artid=135765">https://www.inderscience.com/info/inarticle.php?artid=135765</a>
Glycation-induced Amyloid Formation in Proteins: An Emerging Perspective to Explore Diabetes Associated Onset of Neurodegenerative Symptoms	Samudra Prosad Banik	Microbiology	Current Nutrition and Food Science	2023	ISSN (Print): 1573-4013 ISSN (Online): 2212-3881	<a href="http://dx.doi.org/10.2174/1573401319666230224094812">http://dx.doi.org/10.2174/1573401319666230224094812</a>
Escaping the Revolution: Interpreting French Migration after 1789	Dr. Anjan Saha	History	Social Trends	2023	ISSN 2348-6538	<a href="https://socialtrends.nbu.ac.in/">https://socialtrends.nbu.ac.in/</a>
Shanghai Cooperation Organisation (SCO) and Grand Strategy of PRC: Some Observations	Dr. Anjan Saha	History	International Journal of English Literature and Social Sciences	2023	ISSN 2456-7620	<a href="https://www.ijels.com/10.22161/ijels.81.2">10.22161/ijels.81.2</a>
Almighty as Litigant: Ram Janmabhoomi Case and the Concept of juristic personhood of temple deities in India	Dr. Anjan Saha	History	International Journal of English Literature and Social Sciences	2023	ISSN 2456-7620	<a href="https://www.ijels.com/10.22161/ijels">10.22161/ijels</a>
Antibiotics; the Miracle Drugs, also a Predisposing Factor of Obesity	Malay Mitra, Tuhina Nasrin Ali, <b>Avishek Ghosh</b>	Microbiology	Biological Forum- An International Journal	2023	Online ISSN 2249-3239 Print ISSN 0975-1130	<a href="https://www.researchtrend.net/bfij/bfij.php">https://www.researchtrend.net/bfij/bfij.php</a>
Recent developments in photodynamic therapy and its application against multidrug resistant cancers	Debalina Bhattacharya	Microbiology	Biomedical Materials	2023	ISSN 1748-605X	<a href="https://doi.org/10.1088/1748-605X/ad02d4">DOI: 10.1088/1748-605X/ad02d4</a>
Taraaqi Pasand Rubayee go: Parvez Shahedi	Md. Manzar Hussain	Urdu	Adbee Nasheman	2023	ISSN 2581-5482	<a href="https://adbeenasheman.com/">https://adbeenasheman.com/</a>
A critical assessment of the whole plant-based phytotherapeutics from <i>Withania somnifera</i> (L.) Dunal with respect to safety and efficacy vis-à-vis leaf or root extract-based formulation	Samudra Prosad Banik	Microbiology	Toxicology mechanisms and methods	2023	Print ISSN: 1537-6516 Online ISSN: 1537-6524	<a href="https://doi.org/10.1080/15376516.2023.2242933">DOI: 10.1080/15376516.2023.2242933</a>
A Placebo-Controlled, Double-Blind Clinical Investigation to Evaluate the Efficacy of a Patented <i>Trigonella foenum-graecum</i> Seed Extract "Fenfuro®" in Type 2 Diabetics	Samudra Prosad Banik	Microbiology	Journal of American Nutrition Association	2023	Print ISSN: 2769-7061 Online ISSN: 2769-707X	<a href="https://doi.org/10.1080/27697061.2023.2233008">https://doi.org/10.1080/27697061.2023.2233008</a>

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Beneficial Effects of a Novel Fenugreek Seed Extract ( <i>Trigonella foenum-graecum</i> , Furocyst®) in Women with Polycystic Ovary Syndrome (PCOS): A Follow-up Compliance Clinical Investigation.	Samudra Prosad Banik	Microbiology	Journal of American Nutrition Association	2023	Print ISSN: 2769-7061 Online ISSN: 2769-707X	<a href="https://doi.org/10.1080/27697061.2022.2145526">DOI: 10.1080/27697061.2022.2145526</a>
Chemical, microbial and safety profiling of a standardized <i>Withania somnifera</i> (Ashwagandha) extract and Withaferin A, a potent novel phytotherapeutic of the millennium.	Samudra Prosad Banik	Microbiology	Functional Foods in Health and disease	2023	Online ISSN: 2160-3855 Print ISSN: 2378-7007	<a href="https://doi.org/10.31989/ffhd.v13i2.1071">DOI: https://doi.org/10.31989/ffhd.v13i2.1071</a>
Comparative cytogenetics and fluorescent chromosome banding in five Indian species of <i>Dipcadi Medik</i>	T. Samanta, T. B. Jha, S. Ray and S. Jha	Botany	Plants	2023	ISSN 2223-7747	<a href="https://doi.org/10.3390/plants12132534">https://doi.org/10.3390/plants12132534</a>
A comparative account of antibacterial efficacy of <i>Madhuca longifolia</i> (J Konig) J.F. Macbr and <i>Butea monosperma</i> (Lam) Taub flower extracts	Avishek Ghosh	Microbiology	Biological Forum- An International Journal	2023	Online ISSN 2249-3239 Print ISSN 0975-1130	<a href="https://www.researchtrend.net/bfij/bfij.php">https://www.researchtrend.net/bfij/bfij.php</a>
An Account of Hygienic Practices and Street Food Safety Around the Medical	Avishek Ghosh	Microbiology	J Pure Appl Microbiol.	2023	Print ISSN: 0973-7510 Online ISSN: 2581-690X	<a href="https://doi.org/10.22207/JPAM.17.4.48">https://doi.org/10.22207/JPAM.17.4.48</a>
Women Representation in National and Local Government	Jayeeta Saha	Economics	International Journal of Integrated Research and Development	2023	ISSN 2278-8670	<a href="https://www.ijird.org/issue">https://www.ijird.org/issue</a>
Allama Iqbal ki Shayari Mein Ishq-e-Elahi o Ishq-e-Rasool Ka Tasawwur	Dr.S.M.M.J.S.Al-Quadri	Arabic	Mizgaan	2023	ISSN 2348-7119	<a href="https://www.rekhta.org/emagazines/mizgaan">https://www.rekhta.org/emagazines/mizgaan</a>
Jamil Sidqi Azzahawi ki Shayari Par Ek Tayerana Nazar	Dr.S.M.M.J.S.Al-Quadri	Arabic	Sabaq-e-Urdu	2023	ISSN 2321-1601	<a href="http://www.sabaqeurdu.com/">http://www.sabaqeurdu.com/</a>
Zafar Uganwi Bahasiat e Shair	Dr. Dabir Ahmed	Urdu	Tahreek-e-Adab	2023	ISSN 2322-0341	<a href="https://tahreekadab.com/">https://tahreekadab.com/</a>
Ibn-e-Safi: Kirdar Nigari Aur Numayendah Kirdar(Tabsarh)	Md Manzar Hussain	Urdu	Urdu Duniya Monthly	2023	ISSN 2249-0639	<a href="https://www.urducouncil.nic.in/urdu-duniya">https://www.urducouncil.nic.in/urdu-duniya</a>
Short-term effect of <i>Naja naja</i> shed skin extract on histopathology of testis, epididymis and vas deferens of Swiss albino mice	Rajarshi Ghosh, Soubhik Das, Deepshikha Mitra, Pradip Bhattacharjee, and Subir Chandra Dasgupta	Zoology	Uttar Pradesh Journal of Zoology	2022	0256-971X	<a href="https://doi.org/10.56557/upjz/2022/v43i72999">https://doi.org/10.56557/upjz/2022/v43i72999</a>
Two new species of Pseudosmittia Edwards, 1932 from India with a key to Oriental species adult males (Diptera: Chironomidae: Orthocladiinae)	Tuhar Mukherjee Dipak Kumar Som Niladri Hazra	Zoology	ZOO TAXA	2022	1175-5334	<a href="https://doi.org/10.11646/zootaxa.5200.1.4">10.11646/zootaxa.5200.1.4</a>
An SEIT Epidemic Model with new modulated Saturated Incidence and time Delay	Debashis Biswas, Nanda Das, Samares Pal	Mathematics	Nonlinear Studies	2022	ISSN 1359-8678	<a href="http://www.nonlinearstudies.com/index.php/nonlinear">http://www.nonlinearstudies.com/index.php/nonlinear</a>

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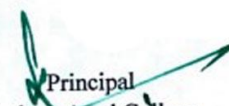


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Understanding the impact of Covid-19 lockdown on the increase in the usage of Unified Payment Interface	Camellia C. Burman	Commerce	International Journal of Novel Research and Development	2022	ISSN 2456-4184	<a href="https://www.ijnrd.org/papers/IJNRD2210070.pdf">https://www.ijnrd.org/papers/IJNRD2210070.pdf</a>
Monitoring and Assessment of Drinking Water for Chemical Pollutants: A Three-Year Study in Nadia District, West Bengal	Ajanta Mukherji	Chemistry	Asian Journal of Organic and Medicinal Chemistry	2022	E-ISSN: 2456-8937	<a href="https://doi.org/10.5923/e.ije.201501.04">doi:10.5923/e.ije.201501.04</a>
Microplastic in India a shoddy affair	Abhishek Mukherjee, Archisman Bhattacharjee and Aoishik Roy	Zoology	Uttar Pradesh Journal of Zoology	2022	Print ISSN:0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Effective Body Recomposition vs. Misconceptions of the Traditional Weight Loss Strategies: TRCAP21 -A Novel Technological Breakthrough in Body Recomposition	Samudra Prosad Banik	Microbiology	Functional Foods in Health and Disease	2022	Online ISSN: 2160-3855, Print ISSN: 2378-7007	<a href="https://www.doi.org/10.31989/ffhd.v12i3.905">https://www.doi.org/10.31989/ffhd.v12i3.905</a>
A study on the vegetative and flowering phenology including insect visitors of <i>Rhododendron arboreum Sm.</i> (Ericaceae Juss.) in Darjeeling Himalaya (India)-Phase-I	Dipak Kumar Som	Zoology	Indian J. Applied & Pure Biology	2022	ISSN 0970-2091	<a href="https://www.biology-journal.org/">https://www.biology-journal.org/</a>
Studies on the effect of pesticides on the mycoflora diversity in the agricultural environments	Naim Uddin	Botany	Journal of Mycopathological Research	2022	ISSN: 0971-3719	<a href="https://doi.org/10.57023/JMycR.60.4.2022.601">doi : 10.57023/JMycR.60.4.2022.601</a>
DNA Damage induced cellular senescence and its PTEN armed exosomes-the warriors against prostate carcinoma cells.	Debalina Bhattacharya	Microbiology	Medical Oncology	2022	Print ISSN: 1357-0560 , Online ISSN: 1559-131X	<a href="https://doi.org/10.1007/s12032-021-01614-7">DOI: 10.1007/s12032-021-01614-7</a>
Enhanced production of biohydrogen from lignocellulosic feedstocks using microorganisms: A comprehensive review	Debalina Bhattacharya	Microbiology	Energy Conversion and Management: X	2022	Online ISSN 2590-1745	<a href="https://doi.org/10.1016/j.ecmx.2021.100153">https://doi.org/10.1016/j.ecmx.2021.100153</a>
A hydrogel sheet mask with tea tree essential oil entrapment and targeted dose delivery capability	Debalina Bhattacharya	Microbiology	Materials Today: Proceedings	2022	Online ISSN: 2214-7853	<a href="https://doi.org/10.1016/j.matpr.2022.01.349">https://doi.org/10.1016/j.matpr.2022.01.349</a>
Advances in modified antimicrobial peptides as marine antifouling material	Debalina Bhattacharya	Microbiology	Colloids and Surfaces B: Biointerfaces	2022	Print ISSN: 0927-7765 Online ISSN: 1873-4367	<a href="https://doi.org/10.1016/j.colsurfb.2022.112900">DOI: 10.1016/j.colsurfb.2022.112900</a>
Exosomal long noncoding RNAs—the lead thespian behind the regulation, cause and cure of autophagy-related diseases”, Molecular Biology Reports	Debalina Bhattacharya	Microbiology	Molecular Biology Reports	2022	Electronic ISSN 1573-4978 Print ISSN 0301-4851	<a href="https://doi.org/10.1007/s11033-022-07514-x">https://doi.org/10.1007/s11033-022-07514-x</a> <a href="https://thescpub.com/jss">https://thescpub.com/jss</a>
Sufi Influence in Medieval Mangalkot: The land of Eighteen Auliya	Asif Zamal Lasker	Islamic History and Culture	Journal of Social science	2022	ISSN: 1549-3652 (Print)	

  
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					ISSN: 1558-6987 (Online)	
CGARP: Chaos genetic algorithm-based relay node placement for multifaceted heterogeneous wireless sensor networks	Biswajit Maiti	Physics	Innovations in Systems and Software Engineering	2022	ISSN 1614-5046	<a href="https://doi.org/10.1007/s11334-022-00439-5">https://doi.org/10.1007/s11334-022-00439-5</a>
A Scoping Review of Changes to Patient-Doctor Communication During COVID-19	Mahua Patra, Hamiduzzaman, M., McLaren, H., & Siddiquee, N. A.	Sociology	Health Communication	2022	Print ISSN: 1041-0236 Online ISSN: 1532-7027	<a href="https://doi.org/10.1080/10410236.2022.2152225">DOI: 10.1080/10410236.2022.2152225</a>
ECO- FRIENDLY RELIGIOUS WORSHIP AMONG THE BENGALI HINDU COMMUNITY	Chakraborty I., Ganesan, P., & Chatterjee, D.	Sociology	International Journal of Advanced and Applied Research (IJAAR)	2022	ISSN 2347-7075	<a href="https://ijaar.co.in/">https://ijaar.co.in/</a>
Next Generation Antivenoms and Their Neutralizing Efficacy against Snakebite Envenoming	Pradip Bhattacharjee, Sanjukta Manna, Subir Chandra Dasgupta	Zoology	Journal of Scientific Research	2022	ISSN 0447-9483	<a href="https://doi.org/10.37398/JSR.2022.660508">10.37398/JSR.2022.660508</a>
Maulana Md Ali Jauhar Ki Sahafat	Md Manzar Hussain	Urdu	Rooh-e-Adab	2022	R.N.At 12071/66	<a href="https://www.rekhta.org/emagazines/rooh-e-adab-kolkata">https://www.rekhta.org/emagazines/rooh-e-adab-kolkata</a>
National Library of India: A repository and preserver of Persian manuscripts	Dr.S.M.Iqbal Shah Alquadri	Persian	Arabic Persian Studies Annual Journal, Calcutta University	2022	ISSN 2394-9635	<a href="https://www.culibrary.ac.in/digital-lib-dev/ebook/ebook_catalog.php?cat=27">https://www.culibrary.ac.in/digital-lib-dev/ebook/ebook_catalog.php?cat=27</a>
Critical Review on Karyotype diversity in Lentil based on Classical and Molecular Cytogenetics	T.B. Jha	Botany	Molecular Biology Reports	2022	Electronic ISSN 1573-4978 Print ISSN 0301-4851	<a href="https://doi.org/10.1007/s11033-022-07441-x">https://doi.org/10.1007/s11033-022-07441-x</a>
Nyaya-baisikadarsane Tantrayuktivimarsh	Laxmi Narayan Rao	Sanskrit	Prajnalok	2022	ISSN 2320-5911	<a href="https://sanskrit.rkmvu.ac.in/prajnaloka/">https://sanskrit.rkmvu.ac.in/prajnaloka/</a>
A brief Study of Tawfiq al Hakim	Dr.S.M.M.J.S.Al-Quadri	Arabic	Arabic Persian Studies Annual Journal, Calcutta University	2022	ISSN 2394-9635	<a href="https://www.culibrary.ac.in/digital-lib-dev/ebook/ebook_catalog.php?cat=27">https://www.culibrary.ac.in/digital-lib-dev/ebook/ebook_catalog.php?cat=27</a>
Urdu Ka Pahla Akhbar : Jam-e-Jahan Numa	Dabir Ahmed	Urdu	Rooh-e-Adab	2022	R.N. At12071/66	<a href="http://wbminorityaffairs.gov.in/Scheme/rooh-e-adab-quarterly-journal/">wbminorityaffairs.gov.in/Scheme/rooh-e-adab-quarterly-journal/</a>
Ekkiswein Sadi Mein Urdu Zaban : Farogh-O-Imkan	Md Manzar Hussain	Urdu	UPA Nation Peer-Reviewed E-Journal	2022	ISSN 2455-4375	<a href="https://upa.org.in/ejournal_oct_2020">https://upa.org.in/ejournal_oct_2020</a>

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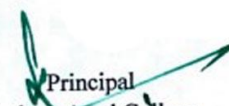


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Studies on some Haematological Parameters including Cellular Phagocytosis interaction occurring in the larval stages as well as in imago of <i>Bombyx mori</i> L. (Lepidoptera: Bombycidae) Breeds	Dipak K. Som, S. Mazumder, J. Murshed, M.Das, S.Raha	Zoology	Indian Journal of Applied and Pure Biology	2022	ISSN 0970-2091	<a href="https://www.biology-journal.org/">https://www.biology-journal.org/</a> <a href="https://udbodhan.org/">https://udbodhan.org/</a>
Durgapuj o utsob arthaniti	Santanu Ghosh	Economics	Udbodhan	2022	Nil	<a href="https://gipe.ac.in/publication/artha-vijnana/">https://gipe.ac.in/publication/artha-vijnana/</a>
"Formalization or Informalization of Work? A Simple Industrial Organization Approach"	Santanu Ghosh	Economics	Artha Vijnana	2022	ISSN: 0971-586X	<a href="https://gipe.ac.in/publication/artha-vijnana/">https://gipe.ac.in/publication/artha-vijnana/</a>
Unlawful Activities: Microeconomic Analysis of Illegal Firms	Santanu Ghosh	Economics	Artha Vijnana	2022	ISSN: 0971-586X	<a href="https://gipe.ac.in/publication/artha-vijnana/">https://gipe.ac.in/publication/artha-vijnana/</a>
Shamsoor Rahman Farooqi	Iftekar Ahmed	Persian	Hindusthani Jawan	2021	ISSN 0378-3928	<a href="https://www.rekhta.org/ebooks/detail/hindustani-zaban-shumara-number-001-ahrar-azmi-sanjeev-nigam-magazines-1">https://www.rekhta.org/ebooks/detail/hindustani-zaban-shumara-number-001-ahrar-azmi-sanjeev-nigam-magazines-1</a>
Cobra venom neutralization by gold-nanoparticle-2 hydroxy-4-methoxy benzoic acid	Kalyani Saha, Saurav Ghosh, Aparna Gomes, Subir Chandra Dasgupta, Antony Gomes	Zoology	Indian Journal of Pharmacology	2021	Print ISSN: 0253-7613 Online ISSN: 1998-3751	DOI: 10.4103/ijp.IJP_370_18
'In Search of the Silver Lining': Vestiges of the Humane in Narratives of Indian Partition Violence	Dr. Debasri Basu	English	Journal of the Department of English, Vidyasagar University	2021	ISSN 0973-3671	<a href="http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/5867">http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/5867</a>
Emerging Applications of Nanotechnology in neurological Disorders: Recent Review	Rajarshi Ghosh, Pradip Bhattacharjee, Anish Pal	Zoology	Bioscience Biotechnology Research Communications	2021	Print-ISSN: 0974-6455 E-ISSN: 2321-4007	<a href="http://dx.doi.org/10.21786/bbrc/14.1/9">http://dx.doi.org/10.21786/bbrc/14.1/9</a>
Morphology and biology of freshwater tank goby, <i>Glossogobius giuris</i> (Hamilton 1822) from Indian subcontinent: A review.	Rajarshi Ghosh, Shreyosree Ganguly, Pradip Bhattacharjee and Anish Pal	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Status of Women in Islam in the light of the Quran and Hadith	Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	ISSN 2349-8838	<a href="https://portal.issn.org/resource/ISSN/2322-0147">https://portal.issn.org/resource/ISSN/2322-0147</a>
COVID-19 Forced Lockdown: Nature's Strategy to Rejuvenate Itself	Susanta Roy Karmakar	Zoology	World Journal of Environmental Biosciences	2021	ISSN 2277-8047	<a href="https://doi.org/10.51847/mhLv0Gijx5">https://doi.org/10.51847/mhLv0Gijx5</a>
The genetic aspect of musicality, perfect pitch and congenital Amusia	Susanta Roy Karmakar	Zoology	International Journal of Experimental Research and Review (IJERR)	2021	Online ISSN 2455-4855	<a href="https://doi.org/10.52756/ijerr.2021.v25.009">https://doi.org/10.52756/ijerr.2021.v25.009</a>

  
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Larvicidal Effect of <i>Coffea arabica</i> L., <i>Camellia sinensis</i> (L.) Kuntz, and <i>Punica granatum</i> L. on <i>Aedes albopictus</i> (Skuse), the vector of dengue and chikungunya	Dipak Kumar Som , Pallabi Laha , Supriya Mondal	Zoology	Uttar Pradesh Journal Of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
An inquisitive fluorescence method for the real-time detection of trace moisture in polar aprotic solvents with the application of water rancidity in foodstuffs	Snigdha Roy, Sanju Das, Ambarish Ray and Partha Pratim Parui	Chemistry	New Journal of Chemistry	2021	Online ISSN 1369-9261	<a href="https://doi.org/10.1039/D0NJ06046A">https://doi.org/10.1039/D0NJ06046A</a>
Impact of urea on monogastric mammalian system: a short term study	Dr. Sujit Kumar Bhowal, S Dasgupta, S Roy Karmakar, A Kar, E Chakrabarty, M Ghosh, P Dey	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Conservation and traditional management of sacred groves in the district of Nadia, West Bengal, india	Dr. Sujit Kumar Bhowal	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Anti-proliferative activity of indoles and related compounds: a review	Dr. Sujit Kumar Bhowal	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
A brief review on the therapeutic resistance against cancer by Cancer Stem Cell (csc)	Dr. Sujit Kumar Bhowal	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN: 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
A facile potassium 18-crown ether catalysed synthesis of 2,6-dicyanoaniline and 3-amino-9,10-dihydrophenanthrene-2,4 dicarbonitrile and their in vitro intercalation study on calf thymus DNA	Arijit Kundu	Chemistry	Synthetic Communications	2021	Print ISSN: 0039-7911 Online ISSN: 1532-2432	<a href="https://doi.org/10.1080/00397911.2021.1980807">https://doi.org/10.1080/00397911.2021.1980807</a>
Advances in Cellulosic enzyme technologies for enhanced stability and catalysis	Ahana Das, Samudra Prosad Banik	Microbiology	Journal of Advanced Scientific Research	2021	e-ISSN 0976-9595	<a href="https://sciencesage.info/index.php/JASR">https://sciencesage.info/index.php/JASR</a>
Utilization of Guanidine-Based Ancillary Ligands in Arene-Ruthenium Complexes for Selective Cytotoxicity	Jit Karmakar, Debalina Bhattacharya, Parimal Karmakar, Samaresh Bhattacharya	Microbiology	ACS Omega	2021	2470-1343 (print); 2470-1343 (web)	<a href="https://doi.org/10.1021/acsomega.0c06265">https://doi.org/10.1021/acsomega.0c06265</a>
Fabrication of natural polysaccharide based hydrogel with utility to entrap pollutants	Biva Ghosh, Debalina Bhattacharya, Mainak Mukhopadhyay	Microbiology	Journal of Physics Conference Series	2021	1742-6588 (print); 1742-6596 (web)	<a href="https://doi.org/10.1088/1742-6596/1797/1/012060">DOI 10.1088/1742-6596/1797/1/012060</a>
Hazrat Alqama Shibli ki Tahreer Mein Sufiana Rang	Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	ISSN 2349-8838	<a href="https://portal.issn.org/resource/ISSN/2322-0147">https://portal.issn.org/resource/ISSN/2322-0147</a>

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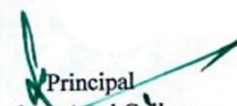


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Empire and Women: Company Raj, Custom of Sati and princely states upto 1840s	Anjan Saha	History	Newsletter: Journal of Womens' Studies Centre	2021	ISSN 2395-4299	<a href="https://ladybrabourne.com/journals-publications/">https://ladybrabourne.com/journals-publications/</a>
Swadhinotar Ponchobarshiki: Prothom sadharon Nirbachoner prekkhapote Poschimbongo	Anjan Saha	History	Heritage	2021	ISSN 2349-9583	<a href="http://www.heritageuniversityofkerala.com/">http://www.heritageuniversityofkerala.com/</a>
Fluorometric trace methanol detection in ethanol and isopropanol in a water medium for application in alcoholic beverages and hand sanitizers	Sniddha Roy, Sanju Das, Ambarish Ray, Partha Pratim Parui	Chemistry	RSC Advances	2021	ISSN 2046-2069	DOI <a href="https://doi.org/10.1039/D1RA05201B">https://doi.org/10.1039/D1RA05201B</a>
Light Microscopic View	Sanjukta Manna	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Impact of Thelohanelus mrigalae Tripathi, 1952 on Cirrhinus mrigala: prevalence, histopathological and haematological alterations	Sanjukta Manna	Zoology	Uttar Pradesh Journal of Zoology	2021	Print ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Protective effect of Indomethacin on Vanadium-Induced Adrenocortical and Testicular damages in Rat	Samudra Prosad Banik	Microbiology	Toxicology Mechanisms and Methods	2021	Print ISSN: 1537-6516 Online ISSN: 1537-6524	<a href="https://doi.org/10.1080/15376516.2021.1973169">10.1080/15376516.2021.1973169</a>
Creativity and Aspect of Thinking	Debasree Bhattacharya	Philosophy	International Journal of Integrated Research and Development	2021	ISSN 2278-8670	<a href="https://www.ijird.org/">https://www.ijird.org/</a>
Farazdaq ka Qasida	Dr.Syed Mustafa Murshed Jamal Shah Al-Quadri	Arabic	Excellence International Journal of Education and Research	2021	ISSN 2349-8838	<a href="https://portal.issn.org/resource/ISSN/2322-0147">https://portal.issn.org/resource/ISSN/2322-0147</a>
Exomorphological variation in <i>Gaultheria fragrantissima</i> Wall. (Ericaceae: Vaccinioideae) in India: A Micromorphological solution from leaf stomata and pollen morphology	Subhasis Panda, T. K. Majumder and D.S. Mohanty	Botany	Indian Journal of Applied and Pure Biology	2021	ISSN 0970-2091	<a href="https://www.biology-journal.org/">https://www.biology-journal.org/</a>
Karyotype diversity in Cultivated and Wild Indian Rice through EMA based Chromosome analysis	T.B. Jha	Botany	Journal of Genetics	2021	e-ISSN 0973-7731	<a href="https://pubmed.ncbi.nlm.nih.gov/34787116/">https://pubmed.ncbi.nlm.nih.gov/34787116/</a>
Analysis of CMA-DAPI bands and preparation of fluorescent karyotypes in thirty Indian cultivars of <i>Lens culinaris</i>	T.B. Jha, B. Bhowmick and P. Roy	Botany	Caryologia	2021	ISSN 2165-5391	<a href="https://doi.org/10.36253/caryologia-919">https://doi.org/10.36253/caryologia-919</a>
Evaluation of morphological traits, fluorescent banding and rDNA ITS sequences in cultivated and wild Indian Lentil	T.B. Jha and P.S. Saha	Botany	Genetic Resources and Crop Evolution	2021	Electronic ISSN 1573-5109 Print ISSN 0925-9864	<a href="https://doi.org/10.1007/s10722-021-01234-0">https://doi.org/10.1007/s10722-021-01234-0</a>

  
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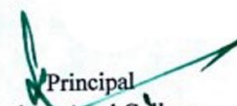


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Conservation of floral, fruit and chromosomal diversity: A review on diploid and polyploid Capsicum annum complex in India	T.B. Jha, B. Bhowmick	Botany	Molecular Biology Reports	2021	Electronic ISSN 1573-4978 Print ISSN 0301-4851	<a href="https://doi.org/10.1007/s11033-021-06355-4">https://doi.org/10.1007/s11033-021-06355-4</a>
Unravelling the genetic diversity and phylogenetic relationships of Indian Capsicums through Fluorescent banding	T.B. Jha, B. Bhowmick	Botany	Genetic Resources and Crop Evolution	2021	Electronic ISSN 1573-5109 Print ISSN 0925-9864	<a href="https://doi.org/10.1007/s10722-020-00980-x">https://doi.org/10.1007/s10722-020-00980-x</a>
Some Workout Problems on Motion of Raindrop	Sneha Dey and A. Ghorai	Physics	Asian Journal of Engineering and Technology	2021	ISSN 2321-2462	<a href="https://doi.org/10.24203/ajet.v9i2.6588">https://doi.org/10.24203/ajet.v9i2.6588</a>
Indian Flora in the Mirror of Indo-Persian Literature	Dr. S.M.Iqbal Shah Alquadri	Persian	Arabic Persian Studies Annual Journal, Calcutt University	2021	ISSN 2394-9635	<a href="https://www.culibrary.ac.in/digital-lib-dev/ebook/pdf_view.php?pdflink=https://s3.ap-south-1.amazonaws.com/calcutta-university/departmental-journals/H00565.pdf&amp;cat_type=A">https://www.culibrary.ac.in/digital-lib-dev/ebook/pdf_view.php?pdflink=https://s3.ap-south-1.amazonaws.com/calcutta-university/departmental-journals/H00565.pdf&amp;cat_type=A</a>
Najib Mahfooz in the light of his novels	Dr.S.M.M.J.S.AI-Quadri	Arabic	Arabic Persian Studies Annual Journal, Calcutt University	2021	ISSN 2394-9635	<a href="https://www.culibrary.ac.in/digital-lib-dev/ebook/pdf_view.php?pdflink=https://s3.ap-south-1.amazonaws.com/calcutta-university/departmental-journals/H00565.pdf&amp;cat_type=A">https://www.culibrary.ac.in/digital-lib-dev/ebook/pdf_view.php?pdflink=https://s3.ap-south-1.amazonaws.com/calcutta-university/departmental-journals/H00565.pdf&amp;cat_type=A</a>
Orthosahter biborton, John Menard Keins o tar prasongikota	Santanu Ghosh	Economics	Udbodhan	2021	Nil	<a href="https://udbodhan.org/">https://udbodhan.org/</a>
Importance of economic thought in times of pandemic	Sutapa Malakar, Lalita Gauri Kulkarni, <b>Santanu Ghosh</b>	Economics	International Journal of Integrated Research and Development	2021	ISSN 2278-8670	<a href="https://www.ijird.org/">https://www.ijird.org/</a>
Sayed Ahmed Quadri Ke Afsane : Hayat-O-Kayenat ka Nauha	Dr. Shahnawaz Shibli	Urdu	Saghar-e-Adab	2021	ISSN 2582-3612	<a href="http://saghareadab.in/">http://saghareadab.in/</a>
Asymptomatic SARS-CoV-2: Infection and Challenges in India	Sanjukta Manna, Anish Pal and Pradip Bhattacharjee	Zoology	International Journal of Recent Scientific Research	2021	ISSN 0976-3031	DOI: <a href="http://dx.doi.org/10.24327/ijrsr.2021.1203.5848">http://dx.doi.org/10.24327/ijrsr.2021.1203.5848</a>
Recollection of Craibiodendron henryi w.w. smith (Ericaceae: vaccinioideae), a potential ethnomedicinal plant from Arunachal Pradesh after seven decades	<b>Subhasis Panda</b> and Ashiho Asosii Mao	Botany	Journal of Bombay Natural History Society (JBNHS)	2021	ISSN 2454-1095	<a href="http://dx.doi.org/10.17087/jbnhs%2F2021%2Fv118%2F153643">http://dx.doi.org/10.17087/jbnhs%2F2021%2Fv118%2F153643</a>

  
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Detection and Deterrence: A Micro theoretic Approach	Swastick Sen Chowdhury, <b>Santanu Ghosh</b> , Panchanan Das		Vidyasagar University Journal of Economics	2021	ISSN - 0975-8003	<a href="http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/91">http://inet.vidyasagar.ac.in:8080/jspui/handle/123456789/91</a>
Black Tea ( <i>Camellia sinensis</i> ) Extract Induced Changes on Placenta can Alter Fetal and Neonatal Bone Health in Experimental Animal Model	Dey, A., Gomes, A., Chakraborty, K. and Dasgupta, S.C.	Zoology	Advances in Clinical Toxicology	2020	ISSN 2577-4328	<a href="https://doi.org/10.23880/act-16000201">https://doi.org/10.23880/act-16000201</a>
Lacerated Myiasis by Blowfly on <i>Bufo melanostictus</i> SCHNEIDER, 1799 In West Bengal, India	Sanjukta Manna	Chemistry	International Journal of Recent Scientific Research	2020	ISSN 0976-3031	DOI: <a href="http://dx.doi.org/10.24327/ijrsr.2020.1108.5511">http://dx.doi.org/10.24327/ijrsr.2020.1108.5511</a>
Overview of Plant Nematodes as an agricultural Nemesis	Sanjukta Manna and Sourodeep Das	Zoology	International Journal of Recent Scientific Research	2020	ISSN 0976-3031	DOI: <a href="http://dx.doi.org/10.24327/ijrsr.2020.1110.5591">http://dx.doi.org/10.24327/ijrsr.2020.1110.5591</a>
Impact of urbanization on abundance of soil arthropods	Sanjukta Manna and Arnab Kar	Zoology	Uttar Pradesh Journal of Zoology	2020	ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Morphogenesis and Histopathology of Fruit Galls induced by Pseudophacopteran sp. on <i>Alstonia scholaris</i>	Sanjukta Manna	Zoology	Uttar Pradesh Journal of Zoology	2020	ISSN 0256-971X	<a href="https://mbimph.com/index.php/UPJOZ">https://mbimph.com/index.php/UPJOZ</a>
Gluten induced inflammatory responses in murine model: An overview	Sanjukta Manna, Taniya Mondal and Ayantika Mitra	Zoology	International Journal of Recent Scientific Research	2020	ISSN 0976-3031	DOI: <a href="http://dx.doi.org/10.24327/ijrsr.2020.1107.5450">http://dx.doi.org/10.24327/ijrsr.2020.1107.5450</a>
Alterations of thyroidal status in brain regions and hypothalamo-pituitary-blood-thyroid-axis associated with dopaminergic depletion in substantia nigra and ROS formation in different brain regions after MPTP treatment in adult male mice	Nabanita Ghosh	Zoology	Brain Research Bulletin	2020	Online ISSN: 1873-2747 Linking ISSN: 0361-9230	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0361923019307646">https://www.sciencedirect.com/science/article/abs/pii/S0361923019307646</a>
Gold Nanoparticles (AuNPs) Conjugated with Andrographolide Ameliorated Viper ( <i>Daboia russellii russellii</i> ) Venom-Induced Toxicities in Animal Model	Sourav Ghosh, Subir Chandra Dasgupta, Anjan Kumar Dasgupta, Aparna Gomes, Antony Gomes	Zoology	Journal of Nanoscience and Nanotechnology	2020	ISSN: 1533-4880 (Print); E-ISSN: 1533-4899 (Online)	<a href="https://doi.org/10.1166/jnn.2020.17421">https://doi.org/10.1166/jnn.2020.17421</a>
Protonation induced pH increase at the tri-block copolymer micelle interface for transient membrane permeability at neutral pH	Yeasmin Sarkar, Snigdha Roy, Rini Majumder, Sanju Das, Dixit V. Bhalani, Ambarish Ray, Suresh K. Jewrajka and Partha Pratim Parui	Chemistry	Soft Matter	2020	Online ISSN 1744-6848	<a href="https://doi.org/10.1039/C9SM01002E">https://doi.org/10.1039/C9SM01002E</a>

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An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion	Snigdha Roy, Sanju Das, Rini Majumder, Ambarish Ray and Partha Pratim Parui	Chemistry	RSC Advances	2020	Online ISSN 2046-2069	<a href="https://doi.org/10.1039/D0RA00619J">https://doi.org/10.1039/D0RA00619J</a>
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, Kaliprasanna Dhara, Subhabrata Paul, Indira Majumder and Rita Kundu	Chemistry	New Journal of Chemistry	2020	Online ISSN 1369-9261	<a href="https://doi.org/10.1039/C9NJ06346C">https://doi.org/10.1039/C9NJ06346C</a>
Gaultheria akaensis Panda & Sanjappa (Ericaceae: vaccinioideae) - a critically endangered, endemic and ethnomedicinal plant from Indian eastern himalaya on the verge of extinction.	Subhasis Panda	Botany	Journal of the Bombay Natural History Society	2020	Print ISSN : 0006-6982, Online ISSN: 2454-1095	<a href="https://doi.org/10.17087/jbnhs/2020/v117/141313">10.17087/jbnhs/2020/v117/141313</a>
Agapetes smithiana Sleumer var. smithiana (Ericaceae: Vaccinioideae) – A Critically Endangered ethnomedicinal plant on the verge of extinction.	Subhasis Panda	Botany	Zoos' Print Journal	2020	ISSN 0971-6378 (Print); 0973-2543 (Online)	<a href="https://zoosprint.zooreach.org/index.php/zp">https://zoosprint.zooreach.org/index.php/zp</a>
Cytocompatible, thermostable hydrogel with utility to release drug over skin	Biva Ghosh, Debalina Bhattacharya, Atanu Kotal, Arindam Kuila, Mainak Mukhopadhyay	Microbiology	Journal of Sol-Gel Science and Technology	2020	Electronic ISSN 1573-4846 Print ISSN 0928-0707	<a href="https://doi.org/10.1007/s10971-019-05187-w">https://doi.org/10.1007/s10971-019-05187-w</a>
Health seeking behaviour and its determinants in urban areas of developing countries: in urban areas of developing countries: A primary survey in Kolkata city, India	Mahua Patra and Satarupa Bandhyapadhyay	Sociology	International Journal of Health Planning and Management	2020	Online ISSN: 1099-1751 Print ISSN: 0749-6753	<a href="https://doi.org/10.1002/hpm.3043">https://doi.org/10.1002/hpm.3043</a>
Nikhilesh Rayer Kabita	Santanu Chattopadhyay	Bengali	Ebang Mushayera	2020	ISSN 0976-9307	<a href="https://ebangmushayera.com/">https://ebangmushayera.com/</a>
Bishai Anugalpa ebang Panchti Anugalper Sankalan	Santanu Chattopadhyay	BENGALI	Ebang Mahua, V120	2020	Nil	<a href="https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA">https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA</a>
Eman Din Kabe Habe Tara: Prasanga Birangana Kabya	Santanu Chattopadhyay	BENGALI	Ebang Mahua, V125	2020	Nil	<a href="https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA">https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA</a>
Tarasankarer Chotogalpe Shmashanchari Charitra	Santanu Chattopadhyay	BENGALI	Ebang Mahua, V116	2020	Nil	<a href="https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA">https://abcdindex.com/Journal/Ebong-Mahua-(print-only)-NA</a>

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Deshvager age pore: Keyapatar Nouro	Niloy Bakshi	BENGALI	Tathyasutra	2020	ISSN 2278-5921	<a href="https://www.facebook.com/Tathyasutra/">https://www.facebook.com/Tathyasutra/</a>
Ribosylation induced structural changes in Bovine Serum Albumin: understanding high dietary sugar induced protein aggregation and amyloid formation	Ahana Das, Pijush Basak, Arnab Pramanick, Rajib Majumder, Debadrita Pal, Avishek Ghosh, Saugata Hazra, Manas Guria, Maitree Bhattacharyya, Samudra Prosad Banik	Microbiology	Heliyon	2020	2405-8440	<a href="https://doi.org/10.1016/j.heliyon.2020.e05053">https://doi.org/10.1016/j.heliyon.2020.e05053</a>
Mutations in membrane-fusion subunit of spike glycoprotein play crucial role in the recent outbreak of COVID-19	Soumita Podder, Avishek Ghosh, Tapas Ghosh	Microbiology	Journal of Medical Virology	2020	1096-9071	<a href="https://onlinelibrary.wiley.com/journal/10969071">https://onlinelibrary.wiley.com/journal/10969071</a>
Visual and olfactory cues for mate recognition in male pumpkin beetle, Aulacophora foveicollis	Abhishek Mukherjee & Abhishek Makal	Zoology	International Journal of Tropical Insect Science	2020	1742-7592	<a href="https://link.springer.com/article/10.1007/s42690-020-00262-0">https://link.springer.com/article/10.1007/s42690-020-00262-0</a>
Role of Artificial Intelligence in 21st Century Cancer Research: A Review	Dr. Sujit Kumar Bhowal, A Kar, S Roy Karmakar, S Dasgupta	Zoology	International Journal of Research and Analytical Reviews (IJRAR)	2020	2349-5138	<a href="https://ijrar.org/">https://ijrar.org/</a>
Tribal Rebellion and Progressive Movements in Tripura: A Case Study	Gourishwar Choudhuri	Islamic History and Culture	The Heritage (UGC Care Listed)	2020	2229-5399	<a href="https://heritageresearchjournal.com/">https://heritageresearchjournal.com/</a>
Interrelation between Surface Wax Alkanes from Red Kidney Bean (Phaseolus vulgaris L.) Seeds and Adzuki Bean Weevil [Callosobruchus chinensis (F.)] (Coleoptera: Bruchidae)	Dr. A. Mukherjee, A. Sengupta, S. Shaw, S. Sarkar, D. Pal, U.K. Das	Zoology	Legume Research - An International Journal	2020	0250-5371	<a href="https://arcjournals.com/journal/legume-research-an-international-journal">https://arcjournals.com/journal/legume-research-an-international-journal</a>
Criminal Tribes and the Raj: An ideology of Control in colonial India	Anjan Saha	History	Journal of the Department of Sociology of North Bengal university	2020	2348-6538	<a href="https://socialtrends.nbu.ac.in/">https://socialtrends.nbu.ac.in/</a>
The protective role of metformin in autophagic status in peripheral blood mononuclear cells of type 2 diabetic patients	Debalina Bhattacharya	Microbiology	Cell Biology International	2020	0141-8130	<a href="https://onlinelibrary.wiley.com/journal/10958355">https://onlinelibrary.wiley.com/journal/10958355</a>
A comparative karyo-morphometric analysis of Indian landraces of Sesamum indicum using EMA-giemsas and fluorochrome banding	T.B. Jha, P.S. Saha and S. Jha	Botany	Caryologia	2020	Print ISSN: 0008-7114 Online ISSN: 2165-5391	<a href="https://riviste.fupress.net/index.php/caryologia/article/view/580">https://riviste.fupress.net/index.php/caryologia/article/view/580</a>
Upanisadi Pranamahatmyam	Laxmi Narayan Rao	Sanskrit	Vedanjali	2020	ISSN 2349-364X	<a href="http://vedanjali.org/">वेदांजली (VEDANJALI) ISSN 2349-364X   Philosophy News in India (wordpress.com)</a>

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'Look East, Act East': Locating Bengal Partition Literature in the Public Imaginary	Dr. Debasri Basu	English	Middle Flight	2019	Print ISSN 2319-7684	<a href="https://abcdindex.com/Journal/Middle-Flight-2319-7684">https://abcdindex.com/Journal/Middle-Flight-2319-7684</a>
"Identifying Levels, Structures and Agency in Post-Cold War Indian Foreign Policy".	Dr. Sreya Maitra	Political Science	Revista UNISCI Journal	2019	ISSN 2386-9453	<a href="https://www.unisci.es/home/">https://www.unisci.es/home/</a>
Taxonomical Identification and Amplified Description of Three Commonly Used Threatened Ethnomedicinal Species of Abutilon Mill. (Malvaceae) from India: An Exomorphological Analysis.	S. Panda	Botany	World Scientific News	2019	Online ISSN ISSN 2392-2192	<a href="http://WorldScientificNews.IE-ISSN2392-2192">World Scientific News I E-ISSN 2392-2192</a>
Technique for the retention of leaf senescence of six ericoid wild plant taxa using ascorbic acid.	S. Panda	Botany	World Scientific News	2019	Online ISSN 2392-2192	<a href="http://WorldScientificNews.IE-ISSN2392-2192">World Scientific News I E-ISSN 2392-2192</a>
Effect of Aqueous Extract of Naja naja Sp. Shedded Skin in Pregnant Female Rats and its Role on the Growth and Development in the Pups	Mukherjee S, Gomes A and Das Gupta SC	Zoology	Journal of Toxins	2019	ISSN 2328-1723	<a href="https://doi.org/10.13188/2328-1723.1000023">10.13188/2328-1723.1000023</a>
Study of Microglial and Astroglial Alterations Induced by Acute 1-Methyl- 4-Phenyl- 1,2,3,6-Tetrahydropyrid ine Treatment in Mouse Brain.	Nabanita Ghosh, Soham Mitra, Priyobrata Sinha, Nilkanta Chakrobari	Zoology	Proc Zool Soc, Springer	2019	Electronic ISSN 0974-6919 Print ISSN 0373-5893	<a href="https://doi.org/10.1007/s12595-019-00296-4">doi.org/10.1007/s12595-019-00296-4</a>
Malaria protein as a cure to cancer	Sanjukta Manna, Souradeep Das	Zoology	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269, Print ISSN 2349-5138	<a href="https://www.ijrar.org/">https://www.ijrar.org/</a>
Variations in Composition of Alkanes and Free Fatty Acids in Aulacophorafovei collis Lucas (Coleoptera: Chrysomelidae) on Exposure to Monocrotophos	Amarnath Karmakar, Saubhik Mitra, Abhishek Mukherjee, Anandamoy Barik	Zoology	Proceedings of the Zoological Society	2019	Electronic ISSN 0974-6919 Print ISSN 0373-5893	<a href="https://doi.org/10.1007/s12595-018-0271-1">https://doi.org/10.1007/s12595-018-0271-1</a>
Trehalose mediated stabilisation of cellobiose aggregates from the filamentous fungus Penicillium chrysogenum,	Ahana Das, Pijush Basak, Arnab Pramanick, Rajib Majumder, Debadrita Pal, Avishek Ghosh, Manas Guria, Maitree Bhattacharyya, Samudra Prosad Banik	Microbiology	International Journal of Biological Macromolecules	2019	Print ISSN:0141-8130E-ISSN:1879-0003	<a href="https://doi.org/10.1016/j.jbiomac.2019.01.062">https://doi.org/10.1016/j.jbiomac.2019.01.062</a>
Scale Efficiency and Indian Life Insurance Industry during the Post-Reform Period: An Econometric Study	Madhu Sarda and Indrajit Ray	Commerce	International Journal of Banking, Risk and Insurance	2019	ISSN Number: 232 0-7507	<a href="http://www.publishingindia.com/ijbri/">http://www.publishingindia.com/ijbri/</a>

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Anti- fibrotic effect of black tea (Camellia sinensis) extract in experimental pulmonary fibrosis	Kaustav Chakraborty, Avijit Dey, Arindam Bhattacharyya, Subir Chandra Dasgupta	Zoology	Tissue and Cell	2019	Online ISSN: 1532-3072 Print ISSN: 0040-8166	<a href="https://doi.org/10.1016/j.tice.2018.11.006">https://doi.org/10.1016/j.tice.2018.11.006</a>
Glutathione-selective "off-on" fluorescence response by a probe-displaced modified ligand for its detection in biological domains	Partha Pratim Parui, Ambarish Ray, Sanju Das, Yeasmin Sarkar, Tanaya Paul, Snigdha Roy, Rini Majumdera and Jaya Bandyopadhyay	Chemistry	New Journal of Chemistry	2019	Online ISSN 1369-9261	<a href="https://doi.org/10.1039/C8NJ05784B">https://doi.org/10.1039/C8NJ05784B</a>
Determination of proton concentration at cardiolipin-containing membrane interfaces and its relation with the peroxidase activity of cytochrome c	Partha Pratim Parui, Yeasmin Sarakar, Rini Majumder, Sanju Das, Hongxu Yang, Kazuma Yasuhara and Shun Hirota	Chemistry	Chemical Science	2019	Online ISSN 2041-6539	<a href="https://doi.org/10.1039/C9SC02993A">https://doi.org/10.1039/C9SC02993A</a>
Partition, Migration and the Ethnic Movement in Tripura	Gourishwar Choudhuri	Islamic History and Culture	Journal of Humanities and Social Science	2019	e-ISSN: 2279-0837, Print ISSN: 2279-0845.	DOI: 10.9790/0837-2410080108
Land Alienation and its impact on Impact on Jhumias: A Case Study of Tripura	Gourishwar Choudhuri	Islamic History and Culture	International Journal of Multidisciplinary Research and Development	2019	ISSN Online: 2349-4182 ISSN Print: 2349-5979	<a href="https://www.allsubjectjournal.com/assets/archive/s/2019/vol6issue10/6-10-29-241.pdf">https://www.allsubjectjournal.com/assets/archive/s/2019/vol6issue10/6-10-29-241.pdf</a>
Insurgency and the Role of Militant Christianity	Gourishwar Choudhuri	Islamic History and Culture	CLIO (UGC Care Listed)	2019	ISSN 0976-075x	<a href="https://www.pfw.edu/cliio/">https://www.pfw.edu/cliio/</a>
Karyotype Analysis from Aerial Roots of Piper nigrum Based on Giemsa and Fluorochrome Banding	T.B. Jha	Botany	Cytologia	2019	Online ISSN : 1348-7019 Print ISSN : 0011-4545	<a href="https://www.jstage.jst.go.jp/article/cytologia/84/4/84_D-19-00049/html-char/en">https://www.jstage.jst.go.jp/article/cytologia/84/4/84_D-19-00049/html-char/en</a>
Small Screens, Big Broils: Indian Television and Religious Polemics	Dr. Debasri Basu	English	Litcrit: An Indian Response to Literature	2018	ISSN 0970-8049	<a href="http://www.litcrit.org/">http://www.litcrit.org/</a>
Post-colonial Nostalgia: Literary Ruminations from South Asia	Dr. Debasri Basu	English	Journal of Commonwealth and Postcolonial Studies	2018	ISSN 1073-1687	<a href="https://www.scimagojr.com/journalsearch.php?query=16200154739&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?query=16200154739&amp;tip=sid&amp;clean=0</a>
Chemical-induced seed germination and enhancement of seed potential of seven wild plant taxa of Ericaceae in India.	Pati, C.K., Bhattacharjee, A., Roy, P., Mahanty, D.S. and Panda, S.	Botany	World Scientific News	2018	ISSN 2392-2192	<a href="https://worldscientificnews.com/">https://worldscientificnews.com/</a>

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Pharmacognosy and Phytochemical Screening of some plant derived medicine to treat Dysmenorrheal pain by the Rajbanshi Community. Pharmacogn	Roy P., Mandal P., Panda, S., Roy S.M. and Subba A.	Botany	Pharmacognosy Journal	2018	ISSN 0975-3575	<a href="https://doi.org/10.5530/pj.2018.4.124">DOI:10.5530/pj.2018.4.124</a>
Acute toxicity of hexavalent chromium in adult Channa punctatus (Bloch, 1793) with regard to changes in erythrocytic and leucocytic profiles	Samudra Gupta, Rajarshi Ghosh	Zoology	International Journal of Life Sciences Research Research	2018	ISSN 2348-3148 (Online); 2348-313X (Print)	<a href="https://www.researchpublish.com/journal-details/IJLSR">https://www.researchpublish.com/journal-details/IJLSR</a>
TNFR2 mediated TNF- $\alpha$ signaling and NF- $\kappa$ B activation in hippocampus of 1-methyl-4phenyl-1,2,3,6-tetrahydropyridine treated mice.	Nabanita Ghosh, Soham Mitra, Priyobrata Sinha, Nilkanta Chakrobarati	Zoology	Neuroscience Research, Elsevier	2018	Online ISSN: 1872-8111 Linking ISSN: 0168-0102	<a href="https://doi.org/10.1016/j.neures.2018.02.007">DOI: 10.1016/j.neures.2018.02.007</a>
Qualitative and Quantitative Evaluation of Gall induced by Pseudophacopteron alstonium Yang et Li 1983 (Hemiptera: Psyllidae: Phacopteronidae) as Plant Parasite, in Alstonia scholaris leaves.	S. Manna, S. Hazra, A. Mukherjee	Zoology	Proceedings of the Zoological Society	2018	ISSN 2320-0294	<a href="https://doi.org/10.1007/s12595-016-0199-2">doi.org/10.1007/s12595-016-0199-2</a>
Ultrastructural Changes of Radioattenuated Leishmania donovani, The Causative organism of Human Kalaazar Disease.	S. Manna	Zoology	International Journal of Engineering, Science and Mathematics.	2018	ISSN 0970-4450	<a href="https://ijesm.co.in/">https://ijesm.co.in/</a>
Modulatory effects of indolyl quinoline on functional fertility of male rats (rattus rattus)	Dr. Sujit Kumar Bhowal & C R Sahu	Zoology	PRANIKEE (OZSJ)	2018	ISSN 2321-5488	<a href="https://pranikee.org/">https://pranikee.org/</a>
Role of Panchayat in Political Empowerment of Women in Rural India.	Jayeeta Saha	Economics	Research Directions	2018	ISSN: 1555-0281 (print) ISSN: 1555-029X (online)	<a href="https://www.researchdirections.org/">https://www.researchdirections.org/</a>
A predator-prey mathematical model with both the populations affected by disease.	Palash Mandal, Nanda Das, Samares Pal	Mathematics	Nonlinear Studies	2018	1359-8678	<a href="http://www.nonlinearstudies.com/index.php/nonlinear">http://www.nonlinearstudies.com/index.php/nonlinear</a>
Gitoktamayavadavimarsh	Laxmi Narayan Rao	Sanskrit	Vedanjali	2018	ISSN 2349-364X	<a href="https://newsphilosophy.wordpress.com/2016/11/29/%E0%A4%B5%E0%A5%87%E0%A4%A6%E0%A4%BE%E0%A4%82%E0%A4%9C%E0%A4%B2%E0%A5%80-vedanjali-issn-2349-364x/">https://newsphilosophy.wordpress.com/2016/11/29/%E0%A4%B5%E0%A5%87%E0%A4%A6%E0%A4%BE%E0%A4%82%E0%A4%9C%E0%A4%B2%E0%A5%80-vedanjali-issn-2349-364x/</a>
Alamkarasastresu Sastravyakyanopayavimarsh	Laxmi Narayan Rao	Sanskrit	Sabdarnava	2018	ISSN 2395-5104	<a href="https://newsphilosophy.wordpress.com/2016/11/29/%E0%A4%B6%E0%A4%AC%E0%A5%8D%E0%A4%A6%E0%A4%BE%E0%A4%B0%E0%A5%8D%E0%A4%A3%E0%A4%B5-shabdarnav-issn-2395-5104/">https://newsphilosophy.wordpress.com/2016/11/29/%E0%A4%B6%E0%A4%AC%E0%A5%8D%E0%A4%A6%E0%A4%BE%E0%A4%B0%E0%A5%8D%E0%A4%A3%E0%A4%B5-shabdarnav-issn-2395-5104/</a>

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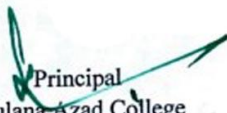
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Musahamatul Ustad Abi Mahfuzul Karim Masumi	Dr. Md Sadrul Islam	Arabic	Dhaka University Arabic Journal	2018	ISSN 2308-8509	<a href="https://journal.library.du.ac.bd/index.php/DUAJ/about">https://journal.library.du.ac.bd/index.php/DUAJ/about</a>
Calculation of Parameter of the Ashcroft Model Potential for Hexagonal Closed Pack (hcp) Crystals	A Ghorai	Physics	Acta Physica Polonica A	2018	ISSN (print) 0587-4246 ISSN (online) 1898-794X	<a href="https://doi.org/10.12693/aphyspola.134.549">DOI:10.12693/aphyspola.134.549</a>

  
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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 as notified on UGC CARE list during the last five years.

Academic sessions: 2018-19 to 2022-23

Link for Department wise Research Publications in UGC CARE listed and other Journals:

Sl. No.	Department	Link for the Research Publications in UGC-CARE listed and other Journals
1.	Arabic	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Arabic_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Arabic_Final.pdf</a>
2.	Bengali	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Bengali_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Bengali_Final.pdf</a>
3.	Botany	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Botany_Final1.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Botany_Final1.pdf</a>
4.	Commerce	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Commerce_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Commerce_Final.pdf</a>
5.	Chemistry	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Chemistry_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Chemistry_Final.pdf</a>
6.	English	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/English_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/English_Final.pdf</a>
7.	Economics	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Economics_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Economics_Final.pdf</a>
8.	History	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/History_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/History_Final.pdf</a>
9.	Islamic History	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Islamic_History_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Islamic_History_Final.pdf</a>
10.	Mathematics	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Mathematics_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Mathematics_Final.pdf</a>
11.	Microbiology	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Microbiology_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Microbiology_Final.pdf</a>
12.	Persian	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Persian_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Persian_Final.pdf</a>
13.	Philosophy	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Philosophy_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Philosophy_Final.pdf</a>
14.	Physics	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Physics_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Physics_Final.pdf</a>
15.	Political Science	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Political_science_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Political_science_Final.pdf</a>
16.	Sanskrit	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Sanskrit_Final1.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Sanskrit_Final1.pdf</a>
17.	Sociology	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Sociology_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Sociology_Final.pdf</a>
18.	Urdu	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Urdu_Final.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Urdu_Final.pdf</a>
19.	Zoology	<a href="https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Zoology_Final1.pdf">https://maulanaazadcollegekolkata.in/naac_dvv/assets/naac_document/Zoology_Final1.pdf</a>