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Research Publication of Faculties in UGC CARE list
Nalbari College, Nalbari
(2018-2023)

Sl No	Name of The Author & Department	Title of The Paper	Link of the Published Paper	Year of Publication
1	Dr Subrata Barman, Dept of Economics	Towards an Optimum Mobilization of Resources for Conservation of an Environmental Amenity: A Case Study of Kaziranga National Park, India	http://ceser.in/ceserp/index.php/ijees/article/view/5541	2018
2	M S Dutta, Dept of Mathematics	A Study of Cyclic Codes Via a Surjective Mapping	http://dx.doi.org/10.1111/3/matematika.v34.n2.826	2018
3	S. Hamidul Islam, Dipak Sarma and Piroja Begum, Dept of Mathematics	Heat and Mass Transfer on Unsteady Mhd Free Convection Flow of Chemically Reactive and Radiative Flow Past A Vertical Porous Plate in Slip Flow Regime with Heat Source/Sink and Thermal Diffusion	http://dx.doi.org/10.17654/HM018010109	2019
4	Dibashree Tamuli, Dept. of Zoology	Depressed baroreflex sensitivity from spontaneous oscillations of heart rate and blood pressure in SCA1 and SCA2	https://doi.org/10.1111/ane.13151	2019
5	Pranita Bora, Dept. of Chemistry	Oriented crystallization on organic monolayers to control concomitant polymorphism	https://doi.org/10.1002/c hem.201903938	2019
6	Piroja Begum and Dipak Sarma, Dept. of Mathematics	Heat and Mass Transfer Effects on Unsteady Mhd Free Convection Flow over Stretching Sheet with The Effect of Thermal Radiation and Soret Number in Porous Medium	http://raops.org.in/	2020
7	Gautam K. Handique, Dept. of Botany	Nutritional parameters of unique black rice in Assam, India, and its prospect of boosting rural economy	https://www.currentscience.ac.in/Volumes/119/10/1613.pdf	2020



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8	Dr. Binita Devi, Dept. of Geography	Effects of rainfall pattern on Summer Rice production in Nalbari District of Assam, India	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3810705	2020
9	M S Dutta, H K Saikia, Dept of Mathematics	Some Results on Cyclic and Negacyclic Codes over Formal Power Series Rings and Finite Chain Rings	https://research-publication.com/amsj/uploads/papers/vol-09/iss-10/AMSJ-2020-N10-78.pdf	2020
10	Dr. Binita Devi, Dept. of Geography	Temporal pattern of land use changes in Nalbari District of Assam, India	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=RUJUJTUAAAAJ&citation_for_view=RUJUJTUAAAAJ:UeHWp8X0CEIC	2020
11	Piroja Begum, D. Sarma, Dept of Mathematics	Heat and Mass Transfer Analysis on Laminar Mixed Convection Flow with Chemical Reaction and Thermal Radiation	https://www.technoarete.org/common_abstract/pdf/IJERCSE/v7/i9/Ext_19453.pdf	2021
12	Dr. Kakali Dutta, Dept. of English	Negotiating Boundaries in Translation Studies: Reading some of Rabindranath Tagore's Short Stories in Assamese and English Translations.	https://journals.gauhati.ac.in/anvesan	2021
13	Dr. Ranjana Bhattacharyya, Dept. of English	Homen Bargohain r Godyasoilee	https://journals.gauhati.ac.in/anvesan	2021
14	Dr. Ratan Deka, Dept. of English	Contesting Masculinity and Trauma: Study of Women Characters in The Hour before Dawn and Rebirth	https://www.sahityasetu.co.in/issue65/critical.html	2021
15	Dr. Darshana Goswami, Dept. of English	Resisting Stereotypes, Countering Violence- An Analytical Study of Selected Women Journalists of India's North- East	https://srotaswini.in/images/downloads/vol_5/Srotaswini_v5_updated.pdf	2021
16	Kandarpa Kalita and Gautam Kumar	Evaluation of indigenous land races of deep-water paddy of North East	https://doi.org/10.47815/apsr.2021.10043	2021



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	Handique, Dept. Of Botany	India for nutraceutical value		
17	Rupam Sarma, Dept. of Chemistry	Design, synthesis and biological evaluation of novel scaffold benzo [4,5]imidazo [1,2-a] pyrazin-1-amine:Towards adenosine A2A receptor (A2AAR) antagonist	https://doi.org/10.1016/j.ejmech.2020.113040	2021
18	Dhanju Mani Pathak, Dept. of Chemistry	Physico-chemical evaluation of soil conditions suitable for bottle gourd (Lagenariasiceraria) production in Nagaon district of Assam, India	https://gauravpublication.s.com/journal/crop-research/volume-56/issue-3and4-may-july/011	2021
19	Dr. Deepak kumar Gogoi, Dept of Political science	Status of Tai Phake community in Assam with special reference to Tipam Phake in Dibrugarh District of Assam. A study.	Not available	2021
20	Dr. Bishnu Bhattacharya, Dept. of Economics	Women's Involvement in Food Processing Sector: Current Status and Perspectives in Assam	http://www.socialresearchfoundation.com/remarking.php	2021
21	M S Dutta, H K Saikia, Dept of Mathematics	Irreducibility of A Formal Power Series with Integer Coefficients	https://doi.org/10.18311/jims%2F2021%2F24897	2021
22	Dr. Aditi Das, Dept. of Economics	Gender Stereotyping in Schools: A Study in Rural Assam	file:///C:/Users/User/Downloads/PR320030.pdf	2021
23	Dr. Binita Devi, Dept of Geography	Land Utilization pattern in Humid Alluvial Flood prone villages in Nalbari District, Assam, India	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=RUJUJTUAAAAJ&citation_for_view=RUJUJTUAAAAJ:IjCSPb-OG4C	2021
24	S. H. Islam, P. Begum, D. Sarma, Dept of Mathematics	Dufour Effect on MHD Free Convection Heat and Mass Transfer Effects Flow over an Inclined Plate Embedded in a Porous Medium	http://dx.doi.org/10.3329/jsr.v13i1.48174	2021
25	Dibashree Tamuli, Dept. of Zoology	Structural atrophy of central autonomic network correlates with the functional attributes of	https://doi.org/10.1016/j.jocn.2021.07.031	2021



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autonomic nervous system in
spinocerebellar ataxia patients

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| 26 | Dibashree Tamuli,
Dept. of Zoology | Cortical and subcortical brain area atrophy in SCA1 and SCA2 patients in India: the structural MRI underpinnings and correlative insight among the atrophy and disease attributes. | https://pubmed.ncbi.nlm.nih.gov/34747805/ | 2021 |
| 27 | M S Dutta, Dept of
Mathematics | Irreducibility of A Formal Power Series with Integer Coefficients | https://doi.org/10.18311/jims/2021/24897 | 2021 |
| 28 | Rownak Kundu,
Dept of
Mathematics | Gravitational lensing by some parametrization of dark energy in the Universe | https://doi.org/10.1142/S0217751X2250035X | 2022 |
| 29 | Dr. Ratan Deka,
Dept. of English | Problematising Home and Homelessness in Jangam, | file:///C:/Users/User/Downloads/Anvesan%202021-22_merged.pdf | 2022 |
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Chemistry | Synthesis and Characterization of Architecturally Modified Mesoporous-Microporous MFI (Mobil Five) Zeolite with Enhanced Catalytic Activity | https://doi.org/10.14233/ajchem.2021.23352 | 2022 |
| 31 | Nabajyoti Deka,
Dept. of Chemistry | Green Approach for the synthesis of benzimidazoles using Malic acid as catalyst | https://doi.org/10.25303/2611rjce01010109 | 2022 |
| 32 | Dr. Pradyumna
Sarma, Dept. of
History | Maukhik Itihash: Swarup, Bhut aru Bhabishayat | Print Only | 2022 |
| 33 | Dhanju Mani
Pathak, Dept. of
Chemistry | Synthesis and Characterization of Molybdenum Incorporated Cubic Mesoporous Materials and the Study of Catalytic Activity of SBA-1 and MCM-48 | https://doi.org/10.14233/ajchem.2022.23658 | 2022 |
| 34 | Dr. Ratan Deka,
Dept. of English | Writing Trauma and Displacement in Assamese Fiction | https://drive.google.com/file/d/1C_Qmf2dJ5rFW | 2023 |



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| 35 | Gautam Kumar Handique , Dept. of Botany | Chemical and biochemical characterization of Ipomoea aquatica: genoprotective potential and inhibitory mechanism of its phytochemicals against α -amylase and α -glucosidase | https://doi.org/10.3389/fnut.2023.1304903 | 2023 |
| 36 | Pranita Bora, Dept. of Chemistry | Deciphering the role of environmental variables in the nucleation of stoichiometric cocrystals | https://pubs.acs.org/doi/abs/10.1021/acs.cgd.2c01086 | 2023 |
| 37 | Dr. Binoy Musahary, Dept. of Political Science | Implications and Challenges of Regional Parties in India: A Focus on Assam | https://northkamrupcollege.org/journal/1649125181.pdf | 2023 |
| 38 | Hamen Kalita, Dept. of Sanskrit | Relation Between The Teacher And The Taught In The Dharmasūtra Literature | file:///C:/Users/User/Downloads/JNS%20-%2035%20-%20S1%20-%20267.pdf | 2023 |
| 39 | Dibashree Tamuli, Dept. of Zoology | Composite autonomic severity scoring in spinocerebellar ataxia type 1 and 2 | https://doi.org/10.1016/j.jocn.2023.05.019 | 2023 |
| 40 | Rownak Kundu, Dept of Mathematics | Studying the optical depth behavior of parametrized deceleration parameter in non-flat universe | https://doi.org/10.1142/S0219887823501104 | 2023 |
| 41 | Rownak Kundu, Dept of Mathematics | Gravitational lensing: dark energy models in non-flat FRW Universe | https://doi.org/10.1140/ejpc/s10052-023-11675-9 | 2023 |

(Dr. Kamal Nayan Patowary)
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