

NETAJI NAGAR DAY COLLEGE

Supporting documents for the research publications by Full Time Teachers:

Title of the paper	Name of the authors	Link to Supporting Documents
Antioxidative Activities and Metabolomic Profiling of Common Indian Wheat Cultivars for Determining Resistance against Elevated Salinity Stress	Bhumika Pradhan and Usha Chakraborty	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/BP%20Paper%202017%20-%20B.%20Pradhan.pdf
The Impact of Foreign Direct Investment on the Performance of Metallurgical Sector of India: An Empirical Analysis	Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/FDI%20in%20Metallurgical%20Sector%20-%20Dr%20Satabdee%20Banerjee.pdf
Is Foreign Direct Investment delivering what it promised? Empirical Evidence from Indian Healthcare Industry	Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Indian%20Healthcare%20Industry%20RB%20-%20Dr%20Satabdee%20Banerjee.pdf
A camel analysis of pre and post merger performance of banks in india	Jayeeta Paul	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Jayeeta%20Paul-%20Camel%20Analysis.pdf
An event study analysis of merger and acquisition in the indian banking industry	Jayeeta paul	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Jayeeta%20Paul_Merger%20and%20Acquisition.png
Electron transfer in proton-hydrogen collisions under dense quantum plasma	Sujay Nayek Arka Bhattacharyya, M. Z. M. Kamali, Arijit Ghoshal and K. Ratnavelu	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indi

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		cator%203.3/Metric%203.1/2017-18/Sujay%20Nayek_Electron%20Transfer.pdf
Global dynamics of tritrophic food chain model	Ujjwal Kumar Pahari, Chaity Ganguly, T. K. Kar and Uttam Das.	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/ukp.2017%20-%20Ujjwal%20Kumar%20Pahari.pdf
Some Chain- type Estimators for Population Variance in Two Phase Sampling.	Arnab Bandyopadhyay, Partha Parichha, Pitambar Das.	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/Published%20Paper%20-2017%20-%20Pitambar%20Das.pdf
Role of the Cr Buffer Layer in the Thickness-Dependent Ultrafast Magnetization Dynamics of Co ₂ Fe _{0.4} Mn _{0.6} Si Heusler Alloy Thin Films	Santanu Pan, Takeshi Seki, Koki Takanashi, Anjan Barman	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/Santanu%20Pan%20Role%20of%20Cr%20Buffer%20layer.pdf
Spin Waves in Periodic Antidot Waveguide of Complex Base	Santanu Pan, J. Klos, S Mieszczak, A Barman, M Krawczyk	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/Santanu%20Pan%20Spin%20Waves%20in%20Periodic.pdf
Extrinsic spin-orbit coupling-induced large modulation of Gilbert damping coefficient in CoFeB thin film on the graphene stack with different defect density	Sumona Sinha, Santanu Pan, Samiran Choudhury, Jaivardhan Sinha, Anjan Barman	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/Santanu%20Pan%20Extrinsic.pdf
Women Representation in Electoral Politics In West Bengal	ALOKA ROY	https://nndc.ac.in/nndc-supportingdocuments/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.1/2017-18/2463-6678-1-PB%20-%20ALOKA%20ROY.pdf

<p>A quantitative and qualitative evaluation of hematopoiesis in three habitat specialist fishes, <i>Acanthocobitis Boris</i>, <i>Deviation aequipinnatus</i> and <i>Barialius barns</i> from a hill stream environment.</p>	<p>Adwitiya Chaudhuri, Krishna Gangopadhyay, Anupam Podder and Sumit Homechaudhri</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Krishna%20Gangopadhyay_2017.pdf</p>
<p>Automatic feature extraction of ECG signal based on adaptive window dependent differential histogram approach and validation with CSE database'</p>	<p>Basudev Halder, S.Mitra, M.Mitra</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Sucharita%20Mitra_Automatic.pdf</p>
<p>Charge Transfer in Proton-Hydrogen Collisions under Astrophysical Plasmas</p>	<p>N. Masanta, Sujay Nayek, A. Karmakar, A. Ghoshal, K. Ratnavelu</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Sujay%20Nayek_Charge%20Transfer.pdf</p>
<p>A Delayed predator-prey food chain model with harvesting</p>	<p>Ujjwal Kumar Pahari</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Ujjwal_K_Pahari_Delayed%20Predator.pdf</p>
<p>Controlled coexcitation of direct and indirect ultrafast demagnetization in Co/Pd multilayers with large perpendicular magnetic anisotropy</p>	<p>Santanu Pan, Olav Hellwig, Anjan Barman</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Santanu%20Pan%20Controlled%20Coexcitation.pdf</p>
<p>Synthesis of thiolato bridged dimeric rhodium (III) triphenyl phosphine complex via C-S bond cleavage: X-ray structure, DFT computation and catalytic evaluation towards transfer hydrogenation of ketones.</p>	<p>Puspendu Roy , Rahul Naskar , Chandan Kumar Manna , Tapan Kumar Mondal *</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Puspendu%20Roy%20Synthesis%20of%20thiolato.pdf</p>
<p>Synthesis of a rhodium(III) triphenylphosphine complex via C-S bond cleavage of an azo-thioether ligand: X-ray</p>	<p>Puspendu Roy , Chandan Kumar</p>	<p>https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20</p>

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structure, electrochemistry and catalysis towards transfer hydrogenation of ketones.	Manna ,Rahul Naskar ,Tapan Kumar Mondal	Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/1-s2.0-S0277538718306971-main%20(2)%20-%20Puspendu%20Roy.pdf
Luminescent rhenium(I) carbonyl complex with redox noninnocent ONS donor azo-phenol ligand: Synthesis, X-ray structure, photophysical properties and live cell imaging.	Puspendu Roy, Deblina Sarkar, Paramita Ghosh, Rahul Naskar, Nabendu Murmu Tapan Kumar Mondal*	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Puspendu%20Roy%20Luminescent.pdf
Environmental Degradation Vs Economic Growth: Known Yet Unknown Facets of Indian Situation	Dr Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Satabdee%20Banerjee_Economic%20Degradation_vs_Economic%20Growth.pdf
Testing for Causality between Macroeconomic Variables and Stock Market Development of India: An Empirical Exploration	CA Anandaraj Saha, Dr Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Business%20Studies%20Journal%20with%20A%20Saha%20July%202019%20-%20Dr%20Satabdee%20Banerjee.pdf
Evaluation of different parameters of noisy ECG signal generated by jointly using MIT-BIH Noise Stress Test Database and CSE multi-lead clear ECG database	Sucharita Mitra(Sarkar),Priyanka Samanta	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Dr%20Sucharita%20Mitra%20Sarkar%20Evaluation%20of%20Different%20Parameters.pdf
Classification of Complete Myocardial Infarction Using Rule-Based Rough Set Method and Rough Set Explorer System	Basudev Halder, S.Mitra, M.Mitra	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2018-19/Sucharita%20Mitra%20Sarkar%20Classification%20of%20cloud%20based.pdf

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Anisotropic spin waves in two-dimensional triangular shaped bi-component magnonic crystal	Samiran Choudhury, Santanu Pan, Saswati Barman, Yoshichika Yotani, Anjan Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Santanu%20Pan%20Anisotropic%20Spin%20Waves_compressed.pdf
Synthesis of luminescent rhodium (III) cyclometalated complex by sp ² (C)-S bond activation: Application as catalyst in transfer hydrogenation of ketones and live cell imaging.	Puspendu Roy, Deblina Sarkar, Paramita Ghosh, Chandan Kumar Manna, Nabendu Murmu, Tapan Kumar Mandal*	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Puspendu%20Roy%20Synthesis%20of%20Luminescent%20Rhodium.pdf
An Empirical Investigation About the Nature of Causality Between Foreign Direct Investment & Carbon Dioxide Emissions in India	Dr Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Our%20Heritage%20SXC%20Publication%20-%20Dr%20Satabdee%20Banerjee.pdf
Role of Eco-Efficiency in Evaluating Environmental Performance and in Accomplishing Sustainable Goals: Case Study of ITC Ltd	Dr Satabdee Banerjee, Dr Debrupa Chakraborty	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/1.%20TMA%20December%202020%20Eco-efficiency%20-%20Dr%20Satabdee%20Banerjee.pdf
Healthcare Automation System by using Cloud-based Tele monitoring Technique for Cardiovascular Disease Classification	Basudev Halder, S.Mitra, M.Mitra	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Sucharita%20Mitra%20Sarkar%20Healthcare%20automation.pdf
Critical stability and quantum phase transition of two-electron system under exponential-cosine-screened-Coulomb interaction	Anjan Sadhukhan, Sujay Kr. Nayek and Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Sujay%20K%20Nayek%20Critical%20Stability.pdf

Structural properties of hydrogen-like ions ($Z = 1-18$) under quantum and classical plasma environment	Sujay Kr. Nayek, Santanu Mondal, Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Sujay%20Nayek%20Structural%20Properties.pdf
Estimation of population variance in successive sampling in presence and absence of measurement error.	Pitambar Das; Garib Nath Singh; Arnab Bandyopadhyay.	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Pitambar%20Das%20Estimation.pdf
A food chain model with Allee effect and time delay	Ujjwal Kumar Pahari	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Paper-UKP-2020%20-%20Ujjwal%20Kumar%20Pahari.pdf
Ultrafast demagnetization mechanism in half-metallic Heusler alloy thin films controlled by the Fermi level	Santanu Pan, Takeshi Seki, Koki Takanashi, Anjan Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Santanu%20Pan%20Mechanism%20of%20Ultrafast%20Demagnetization.pdf
All-optical investigation of anisotropic spin pumping in W/CoFeB/W heterostructure	Santanu Pan, Samiran Choudhury, Jaivardhan Sinha, Anjan Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Santanu%20Pan%20All%20Optical.pdf
Edge localization of spin waves in antidot multilayers with perpendicular magnetic anisotropy	S. Pan, S. Mondal, M. Zelent, R. Szwierz, S. Pal, O. Hellwig, M. Krawczyk, and A. Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Santanu%20Pan%20Edge%20Localization.pdf
Grass phytoliths in surface sediments of the Sunderbans, India and their implications in	Madhab Naskar, Ruby Ghosh, Sayantani Das, Dipak Kumar Paruya, Binod Saradar,	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Santanu%20Pan%20Edge%20Localization.pdf

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reconstructing past deltaic environmental changes	Madhusudan G Yadava and Subir Bera	ator%203.3/Metric%203.3.1/2020-21/Holocene_grass%20phytolith.pdf
A diagnostic phytolith morphotype found in <i>Porteresia coarctata</i> (Roxb.) Tateoka indicates coastal swampy mangrove environments: A case study from the Indian east coast	Madhab Naskar, Mikhail Blinnikov, Ruby Ghosh, Sayantani Das, Dipak Kumar Paruya, Shuvadeep Majumdar, Subir Bera	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Flora_compressed.pdf
Variational method for Hydrogen atom embedded in non-ideal	Sujay Kr. Nayek and Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/BJP_Springer%20-%20Sujay%20Kumar%20Nayek.pdf
Quantum Phase Transition in Symmetric Quantum Three-body System	Anjan Sadhukhan, Santanu Mondal, Sujay Kr. Nayek, Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Sadhukhan%20et%20al-for%20NAAC.pdf
Structural properties of Li atom under quantum and classical plasmas: A composite variational framework	Santanu Mondal, Sujay Kr. Nayek and Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Mondal_Nayek_Saha%202021%20-%20Sujay%20Kumar%20Nayek.pdf
Efficient Estimation Strategy for population variance in Two Phase Sampling.	Pitambar Das, Garib Nath Singh, Arnab Bandyopadhyay.	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2020-21/Published%20Paper-2021%20-%20Pitambar%20Das.pdf
Energy Eigenvalues of Quantum Anharmonic Oscillators: Exact Expression for the Pure Oscillators and a Simple Expression for $x^2 + \lambda dx^2 m$ Oscillators	Chandra Das, Dhiranjan Roy	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Paper%20-%20Dr.%20Chandra%20Das.pdf

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Mechanism of femtosecond laser induced ultrafast demagnetisation in ultra thin film magnetic multilayers	S. Pan, F. Ganss, S. Panda, G. Sellge, C. Banerjee, J. Sinha, O. Hellwig, A. Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Pan2022_Article_MechanismOfFemtosecondLaserInd.pdf
All optical detection of spin pumping and giant interfacial spin transparency in CFMS/Pt heterostructure	K. Dutta, SN Panda, T. Seki, S. Pan, K. Takanashi, A. Barman	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Santanu%20Pan%20All%20Optical%20Spin%20Pumping.pdf
Performance Assessment through Sustainable Value Added (SVA): Case Study of an Indian Iron & Steel Conglomerate	Dr Debrupa Chakraborty & Dr Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/2.%20SVA%20RB%202022%20-%20Dr%20Satabdee%20Banerjee.pdf
COP 26 Goals for Transition towards a Cleaner and Climate Resilient Future: A Bird's Eye Observation	Dr Debrupa Chakraborty & Dr Satabdee Banerjee	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/4.%20TMA%20March%202022%20COP%2026%20-%20Dr%20Satabdee%20Banerjee.pdf
Women in Electoral Politics: Indian Experience	Aloka Roy	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Aloka%20Roy%202%20-%20A%20Roy.pdf
Ground and doubly excited states of He atom in non-ideal classical plasmas: structural, entanglement and information theoretical measures	Santanu Mondal, Sujay Kr. Nayek and Jayanta K. Saha	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/EPJP_2022_For%20NAAC.pdf

Bound state solutions of diatomic molecules with screened modified Kratzer potential by asymptotic iteration method	Sujay Kr. Nayek	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/S%20K%20Nayek_EPJP%202022_Fo%20r%20NAAC.pdf
Durer Tara	Dr. Sarbananda Chowdhury	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Dr%20Sarbananda%20Chowdhury%20Durer%20Tara.pdf
Viability of variable generalised Chaplygin gas: a thermodynamical approach	Dr Dibyendu Panigrahi	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2017-18/Dr%20Dibyendu%20Panigrahi%20Vi%20able%20of%20Variabiliy.pdf
Tolman–bondi–lemaître spacetime with a generalised chaplygin gas	Dr Dibyendu Panigrahi	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Dr%20Dibyendu%20Panigrahi%20Tolman%20Bondi.pdf
Accelerating universe in higher dimensional space time: an alternative approach	Dr Dibyendu Panigrahi	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2021-22/Dr%20Dibyendu%20Panigrahi%20A%20ccelerating%20Universe.pdf
The opportunities and challenges of implementing best practices in undergraduate colleges	Dr. Sonali Banerjee Jash	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/2019-20/Sonali%20Banerjee%20Jash%20Opp%20ortunities%20and%20Challenges%20in%20impleting%20in%20undergraduate%20college.pdf

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Details of Research Publication by State Aided College Teachers

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 supporting documents
						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	
Investigation of environmental concern trace elements in coal and their combustion residues from thermal power plants in eastern India	Debasree Saha, Debashis Chatterjee, Sanchita Chakravorty, Tarit Roychoudhury	Chemistry	Natural resource research	2019	1573-8981	https://www.springer.com/journal/11053	https://link.springer.com/article/10.1007/s11053-019-09451-2	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Debasree%20Saha%20Investigation%20of%20Environmental%20concern%20trace%20elements.pdf
Environmental concern elements in coal and coal combustion residues	D. Saha, T. Roychoudhury	Chemistry	Journal of Indian chemical society	2019	0019-4522	https://www.sciencedirect.com/journal/journal-of-the-indian-chemical-society	http://indianchemicalsociety.com/portal/uploads/journal/April%2020.pdf	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Debasree%20Saha%20Environmental%20Concern.pdf
Trace element geochemistry and mineralogy of coal from Samaleswari open cast coal block (S-OCB), Eastern India.	D. Saha, D. Chatterjee, S. Chakravorty, S. Mazumder	Chemistry	Physics and Chemistry of the Earth	2018	1474-7065	https://www.sciencedirect.com/journal/physics-and-chemistry-of-the-earth-parts-a-b-c	https://www.sciencedirect.com/science/article/pii/S1474706517300116?via=ihub	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Debasree%20Saha%20Trace%20Element%20Geochemistry.pdf
Groundwater arsenic in the Bengal Delta plain: Geochemical and geomorphological perspectives	D. Chatterjee, A. Kundu, D. Saha, S. Barman, U. Mandal	Chemistry	Procedia, Earth and Planetary Science	2017	1878-5220	https://www.sciencedirect.com/journal/procedia-earth-and-planetary-science	https://www.sciencedirect.com/science/article/pii/S1878522016302004	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Debasree%20Saha%20Groundwater%20Arsenic.pdf
All-fiber acousto-electric energy harvester from magnesium salt-modulated PVDF nanofiber	B. Mahanty, S. K. Ghosh, Santanu Jana, K. Roy, S. Sarkar, D. Mandal	Electronics	Sustainable Energy & Fuels (The Royal Society of Chemistry)	2021	2398-4902 (Online)	https://www.rsc.org/journals-databases/about-journals/sustainable-energy-fuels/	https://pubs.rsc.org/en/content/articlelanding/2021/se/d0se01185a	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Santanu%20Jana%20All%20Fiber%20Acousto%20Electric.pdf
ZnO nanoparticle confined stress amplified all-fiber piezoelectric nanogenerator for self-powered healthcare monitoring	Biswajit Mahanty, Sujoy Kumar Ghosh, Santanu Jana, Zinnia Mallick, Subrata Sarkara and Dipankar Mandal	Electronics	Sustainable Energy & Fuels (The Royal Society of Chemistry)	2021	2398-4902 (Online)	https://www.rsc.org/journals-databases/about-journals/sustainable-energy-fuels/	https://pubs.rsc.org/en/content/articlelanding/2021/se/d1se00444a	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Santanu%20Jana%20ZnO%20Nanoparticle.pdf

Electrospun gelatin nanofiber based self-powered bio-e-skin for health care monitoring	Sujoy Kumar Ghosh, Prakriti Adhikary, Santanu Jana, Anirban Biswas, Vitor Sencadas, Sudipto Dutta Gupta, Bipan Tud u, Dipankar Mandal	Electronics	Nano Energy	2017	2211-2855	https://www.sciencedirect.com/journal/nano-energy	https://www.sciencedirect.com/science/article/abs/pii/S2211285517302288	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Santanu%20Jana%20Electrospun%20Gelatin.pdf
Spatio-temporal Variations in PM10 and PM2.5 On Different Land Use Types during Diwali Festival Period: A case study of Kolkata, India	Sohini Sen, Ashwini Kumar Singh, Debashish Das, Anupam Debsarkar, Shibnath Chakraborty, Raja Ghosh	Geography	The Indian Journal of Spatial Science	2021	2249-3921	https://www.indianjss.org/ijss/	file:///C:/Users/sanup/Downloads/DrDassohini..IJS S.pdf	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Dr%20Sohini%20Sen%20Spatio%20Temporal.pdf
Cd, Cr, Co, Pb, and Cu metals in surface and groundwater adjacent to a thermal power plant in eastern India	Debasree Saha, Tarit Roychowdhury, Debashis Chatterjee, Anuja Joseph	Chemistry	Environmental Earth Sciences	2022	1866-6299	https://www.springer.com/journal/112665	https://link.springer.com/article/10.1007/s12665-021-10148-0	Yes	https://nndc.ac.in/nndc-documents/NAAC%20Criteria%203%20Supporting%20Documents/Key%20Indicator%203.3/Metric%203.3.1/SACT%20Data/Saha%20et%20al.,%202022%20Environmental%20Earth%20Sciences.pdf

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