

Web Links of Journals

Department of Chemistry
Dhemaji College, Dhemaji

Year	Name of the Faculty	Name of the Paper	Name of the Journal	Web Link of the Journal
2016-17	Vinod Kr. Verma, Manas P. Boruah and others,	<i>Wound Healing Activity of Aqueous and Ethanolic Extract of Houltuynia Cordata Leaves Indigenous to North East india,</i>	<i>Journal of Biomedical and Pharmaceutical Research (Peer Reviewed), Vol. 4 (3), May-June, 2015, 25-31</i>	https://jbpr.in
	Vinod Kr. Verma, Manas P. Boruah and others, ,	<i>Wound Healing Activity of Ethanolic Extract of Solanum spirale Leaves Indigenous to North East India</i>	<i>Journal of Drug Discovery and Therapeutics (Peer Reviewed), Vol. 3 (30), July, 2015, 01-06. ISSN-2320- 4230</i>	https://www.jddt.in
	Manash Protim Borpuzari, Abhijit Boruah, and Rahul Kar	Ionisation potential theorem in the presence of the electric field: Assessment of range-separated functional in the reproduction of orbital and excitation energies	J. Chem. Phys. Vol. 144	https://aip.scitation.org/journal/jcp
	Eramoni Saikia, Manash Protim Borpuzari, Bolin Chetia, and Rahul Kar	Experimental and theoretical study of urea and thiourea based new colorimetric chemosensor for fluoride and acetate ions	Spect. Acta Part A: Mol and Bio Spect Vol 152	https://www.sciencedirect.com/journal/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy
2017-18	Abhijit Boruah, Manash Protim	Assessment of range-separated functionals in the presence of implicit solvent: Computation of oxidation energy, reduction energy, and orbital energy	J. Chem. Phys Vol. 146	https://aip.scitation.org/journal/jcp

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	<p>Borpuzari, Yukio Kawashima, Kimihiko Hirao, and Rahul Kar</p>			
	<p>Pallavi Gogoi, Uttam Mohan, Manash Protim Borpuzari, Abhijit Boruah, Surjya Kumar Baruah</p>	<p>UV-Visible spectroscopy and density functional study of solvent effect on halogen bonded charge-transfer complex of 2-Chloropyridine and iodine monochloride</p>	<p>Arab J. Chem. Vol.12</p>	<p>https://www.sciencedirect.com/journal/arabian-journal...</p>
	<p>Pallavi Gogoi, Uttam Mohan, Manash Protim Borpuzari, Abhijit Boruah, Surjya Kumar Baruah</p>	<p>UV-Vis spectroscopy and density functional study of solvent effect on the charge transfer band of the n /s* complexes of 2Methylpyridine and 2-Chloropyridine with molecular iodine</p>	<p>J. Mol. Struc</p>	<p>https://www.sciencedirect.com/journal/journal-of-mole...</p>
	<p>Tahshina Begum, Manoj Mondal, Manash Protim Borpuzari,</p>	<p>Immobilized symmetrical bis-(NHC) palladium complex as a highly efficient and recyclable Suzuki-Miyaura catalyst in aerobic aqueous media</p>	<p>Dalt. Trans.</p>	<p>https://pubs.rsc.org/en/journals/journalissues/dt#!recentarticles&adv</p>

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	Rahul Kar, Golap Kalita, Pradip K. Gogoi and Utpal Bora			
	Tahshina Begum, Manoj Mondal, Manash Protim Borpuzari, Rahul Kar, Pradip K. Gogoi and Utpal Bora	Pd/C-Catalyzed Coupling of Nitroarene with Phenol: Biaryl Ether Synthesis and Evidence of an Oxidative-Addition-Promoted Mechanism	E. J. Org. Chem	https://chemistry-europe.onlinelibrary.wiley.com/journal/10990690
	Manash Protim Borpuzari, Rahul Kar	A New Nonempirical Tuning Scheme with Single SelfConsistent Field Calculation: Comparison with Global and IP-Tuned Range-Separated Functional	J. Comp. Chem	https://onlinelibrary.wiley.com › journal
	Sirina Ghosh, Sarasija Das, Neha Rani Kumar, Abhijeet R. Agrawal and Sanjio S. Zade	Effect of heteroatom (S/Se) juggling in donor–acceptor–donor (D–A–D) fused systems: synthesis and electrochemical polymerization	<i>New J. Chem.</i> Vol. 2017, 41	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv
2018-19	Abhijit Boruah,	Iron sandwiched between group 13 analogues of N-	J. Org Chem	https://pubs.acs.org ›

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	Manash Protim Borpuzari, Ramananda Maity, Rahul Kar	Heterocyclic carbene: A theoretical investigation		journal > joceah
	Abhijeet R. Agrawal ^a , <u>Neha Rani Kumar</u> ^a , Sashi Debnath, Sarasija Das, Chandan Kumar and Sanjio S. Zade* (a: equal authors)	Radical cascade avenue for direct access to 3,4 fused thiophenes with 2,5-positions free for substitution	<i>Org. Lett.</i> Vol 2018, 20	https://pubs.acs.org > journal > orlef7
	Sirina Ghosh, <u>Neha Rani Kumar</u> and Sanjio S. Zade	Effect of chalcogen atom variation in chalcogenadiazole fused indolo[2,3-a]carbazoles	<i>New J. Chem.</i> Vol. 2018, 42	https://pubs.rsc.org > journals > journal
2019-20	<u>Neha Rani Kumar</u> , Abhijeet R. Agrawal and Sanjio S. Zade*	Abnormal nucleophilic substitution on 2-methoxytropone derivatives: Steric strategy to synthesize 5-substituted azulenes	<i>Chem. Eur. J.</i> Vol 2019, 25	https://chemistry-europe.onlinelibrary.wiley.com > journal
2020-21	Abhijit Boruah, Manash Protim Borpuzari and Rahul Kar	Performance of Range Separated Density Functional in Solvent Continuum: Tuning Long-range Hartree-Fock Exchange for Improved Orbital Energies	J. Comp. Chem	https://onlinelibrary.wiley.com > journal

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	<p><u>Neha Rani Kumar,</u> Abhijeet R. Agrawal, Aditya Choudhury and Sanjo S. Zade</p>	<p>The effect of base and nucleophile on the nucleophilic substitution on methoxytropone derivatives: An easy access to 4- and 5-substituted multifunctional azulenes</p>	<p><i>J. Org. Chem</i></p>	<p>https://pubs.acs.org/journal/joceaah</p>
	<p>Sirina Ghosh, Sarasija Das, Chandan Kumar, <u>Neha Rani Kumar,</u> Abhijeet Agrawal, Himadri Karmarkar, Nani Gopal Ghosh and Sanjo S. Zade</p>	<p>Triazole fused indolo[2,3-a]carbazoles: synthesis, structures and properties,</p>	<p><i>J. Heterocyclic Chem.</i> Vol. 2020, 57</p>	<p>https://onlinelibrary.wiley.com/journal</p>
	<p>Chandan Kumar, Abhijeet R. Agrawal, Nani Gopal Ghosh, Himadri S. Karmakar, SarasijaDas, <u>Neha Rani Kumar,</u> Vishal W. Banewar and Sanjo S.</p>	<p>Boron difluoride formazanates with thiophene and 3,4-ethylenedioxythiophene capping and their electrochemical polymerization</p>	<p><i>Dalton. Trans.</i> Vol. 2020, 49</p>	<p>https://www.rsc.org/about-journals/dalton-transactions</p>

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	Zade*			
2021-22	Abhijeet R. Agrawal, <u>Neha</u> <u>Rani Kumar,</u> Aditya Choudhury and Sanjio S. Zade	Synthesis of bent shaped pi-extended thienoacenes from 2,5- distannylated 3,4- dialkynethiophene	<i>Chem. Commun.</i> DOI: 10.1039/D1CC04283A	https://www.rsc.org > about-journals > chemcomm