

## PROFILE- DR. MANASH PROTIM BORPUZARI

1. Name : Dr. Manash Protim Borpuzari  
2. Father's Name : Mr. Ratul Chandra Borpuzari  
3. Mother's Name : Mrs. Jonmoni Goswami  
4. Department : Chemistry  
5. Educational Qualification : PhD., NET  
6. Current Designation : Assistant Professor  
7. Date of Last Promotion : N/A  
8. Date of joining : 03.01.2020  
9. Date and place of birth : 01/03/1989 and Dergaon, Assam  
10. Address for Correspondence : Dept. of Chemistry  
Dhemaji College, Dhemaji-787057  
11. Permanent Address : Ratanpur Road, Ward No. 3,  
P. O.: Dhemaji, District: Dhemaji  
Assam-787057  
12. Email(s) and contact number(s) : mb45380@gmail.com  
+918638238406/ +917399585703  
13. Institution : Dhemaji College  
14. Academic Qualification (HSLC Onwards):

Degrees	Name of Board/ University	Name of the institution	Subject(s) taken	Year of Passing
H.S.L.C	SEBA	Indranee Devi Higher Secondary School	English, Maths, Science, Social Studies, Advanced Maths & Assamese	2004
H.S.	AHSEC	D.K.D College	Physics, Chemistry, Maths, Statistics, English & Assamese	2006
B.Sc	Dibrugarh University	D.K.D College	Chemistry (Major) Physics, Maths, Assamese, English	2009
M.Sc	Dibrugarh University	Dibrugarh University	Chemistry (Physical)	2012
PhD	-	Dibrugarh University	Thesis title: Theoretical Studies on the Performance of Range Separated Density Functionals on Structural, Electronic and Thermodynamic Properties	2018

15. Major conferences attended (2020) : Nil

## 16. Books

1. A. Boruah and M. P. Borpuzari, "Reactivity Study of Group 13 and Group 14 Analogs of N-Heterocyclic Carbene by Using Conceptual DFT Tools" in "Contemporary Research In Chemistry" edited by Dr. Kandarpa Phukan and Dr. Siva Prasad Das, ISBN: : 978-93-89840-85-8 (2020).
2. M. P. Borpuzari, Editor, "An Era Of Chemical Catalysis: A Theoretical And Experimental Perspective", ISBN: 978-81-949998-0-5 (2020)
3. "Fundamentals of Quantum Chemistry", Manash Protim Borpuzari, ISBN: 978-1546788676
4. "Basic of Molecular Symmetry", Manash Protim Borpuzari, ISBN: 978-1546945482
5. "How Electric Field Modify the Chemical Properties of N-Heterocyclic Carbene?" Manash Protim Borpuzari, ISBN: 978-1075201745
6. "A DFT Study on the Formation of 3-Carboxycoumarin", Manash Protim Borpuzari, ISBN: 978-1075094859

## 17. Publications

1. Manash Protim Borpuzari, Rakiba Rohman and Rahul Kar, RSC Adv., 2015, 5, 78229.
2. Manash Protim Borpuzari, Abhijit Boruah, and Rahul Kar, J. Chem. Phys., 2016, 144, 164113.
3. Manash Protim Borpuzari, Ankur Kanti Guha, and Rahul Kar, Struct. Chem., 2015, 26, 859.
4. Abhijit Boruah, Manash Protim Borpuzari, Yukio Kawashima, Kimihiko Hirao, and Rahul Kar, J. Chem. Phys., 2017, 146, 164102.
5. Eramoni Saikia, Manash Protim Borpuzari, Bolin Chetia, and Rahul Kar, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2016, 152, 101.
6. Rahul Kar, Manash Protim Borpuzari, Jong-Won Song, and Kimihiko Hirao, Mol. Phys., 2015, 113, 2930.
7. Pallavi Gogoi, Uttam Mohan, Manash Protim Borpuzari, Abhijit Boruah, Surjya Kumar Baruah, Arabian Journal of Chemistry, <http://dx.doi.org/10.1016/j.arabjc.2016.07.011>.
8. Pallavi Gogoi, Uttam Mohan, Manash Protim Borpuzari, Abhijit Boruah, Surjya Kumar Baruah, Journal of Molecular Structure, 2017, 1131, 114.

9. Tahshina Begum, Manoj Mondal, Manash Protim Borpuzari, Rahul Kar, Golap Kalita, Pradip K. Gogoi and Utpal Bora, Dalton Transaction, 2017,46, 539.

10. Tahshina Begum, Manoj Mondal, Manash Protim Borpuzari, Rahul Kar, Pradip K. Gogoi and Utpal Bora, European Journal of Organic Chemistry, 2017, 3244.

11. Manash Protim Borpuzari, Rahul Kar, Journal of Computational Chemistry, 2017, 38, 2258.

12. Abhijit Boruah, Manash Protim Borpuzari, Ramananda Maity, Rahul Kar, Journal of Organometallic Chemistry, 2018, 863, 54.

13. Abhijit Boruah, Manash Protim , Rahul Kar, Journal of Computational Chemistry, 2020, 41, 295.

18. Reasearch experience excluding years

spent in M.Phil./Ph.D (in years) : Nil

19. Teaching Experience: P.G. Classes (in years) : Nil

U.G. Classes (in years) : 01 Year 04 Months

20. Academic Staff college orientation course/ refresher course and other course attended : NIL

21. Workshop/Faculty Development Program : NIL

22. Conferences/Seminar/FDP/Workshop Organized:

Sl. No.	Name of the Conference /Seminar/FDP/Workshop/	Title of the programme	Date	Served as/Role	Organized by/Funded by
01	National Webinar	Interdisciplinary Topics in Chemistry for Budding Chemists	18 <sup>th</sup> June, 2020	Convenor	Department of Chemistry, Dhemaji College in association with IQAC Cell, Dhemaji College
02	National Webinar	Strategic Approaches Towards Qualifying JAM/NET/GATE in Chemistry	3 <sup>rd</sup> and 4 <sup>th</sup> August, 2020	Convenor	Department of Chemistry, Dhemaji College in association with IQAC Cell, Dhemaji College and Department of Chemistry, Tezpur University

03	Faculty Development Program	7 day National Level Faculty Development Program on Aspects of Pedagogical Re-design and Online Teaching Learning Process	15 <sup>th</sup> to 21 <sup>st</sup> June, 2020	Member of Organizing Committee	IQAC Cell Dhemaji College
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23. Major awards: NIL

24. Relation with social organization :

- i. Participation in corporate life- Nil
- ii. Association with activities of both College and University: Working as examiners
- iii. Enrichment of campus life :Guiding students for student seminar and wall magazine

29. Innovation/contribution in teaching :

- i. Design of curriculum: Teaching plan prepared
- ii. Teaching method: Teaching cum demonstration method
- iii. Laboratory experiment; Taught regularly
- iv. Evaluation method: Test and unit test
- v. Preparation of resource material: Laboratory manual prepared for physical chemistry chemistry
- vi. Remedial teaching/student counseling: Done

30. Extention/community work: NIL :

(Dr Manash Protim Borpuzari)

Place: Dhemaji

Assistant Professor