

Dr. Bhaskar Nath

Assistant Professor (Chemistry)
Department of Educational Science
Assam (Central) University, Silchar-788011

E-mail: bhaskar.nath1985@yahoo.com

bhaskar.nath7@gmail.com

bhaskar.nath@aus.ac.in

Contact No: +91-7002981496/ 7896305437

ORCID ID: <https://orcid.org/0000-0003-3327-2769>

Research Interest: Crystal Engineering, Supramolecular Chemistry, Covalent Organic Frameworks, Conductive Materials.

Academic Qualifications:

- Ph.D. (Supramolecular Chemistry), IIT Guwahati, Assam, India.
 - M.Sc. (Organic Chemistry), Gauhati University, Guwahati, India.
 - B. Sc. (Hons.) in Chemistry, Gauhati University, Guwahati, Assam, India.
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Awards/ Achievements:

- CSIR-JRF (NET) in Chemical Science held on December 2008.
 - Got Chinese Academy of Science-President's International Fellowship Initiative (CAS-PIFI) for Post-doctoral Research in 2015.
 - Got First Class General Financial Grant for academic research from China Post-doctoral Science Foundation. (Grant No. 2015M570562).
 - Got Research Fund for International Young Scientists from National Natural Science Foundation of China (NSFC) (Grant No. 21550110194).
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Experience:

- Post-doctoral Researcher in FJRSM- CAS (December, 2014 to May, 2017).
 - Assistant Professor in Assam University (17/10/2017 to till now).
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Ongoing Research Project:

- UGC-BSR Start-Up Research Grant for newly recruited faculty at Assistant Professor Level in Science Department of Various Universities. (Grant No.F.30-458/2019 (BSR), Sanctioned Amount: 10,00000.00 INR).
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Invited Lecture:

- International Conference on Emerging Trends in Chemical Sciences (ETCS-2020), 13th to 15th February, Organized by Department of Chemistry, Gauhati University.
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Publications:

(From Assam University)

20. A. Mandal, **Bhaskar Nath**, B. K. Patel, *Polyhedron*, 189, **2020**, 114730.
 19. A. Mandal, S. Ghosh, **Bhaskar Nath**, B. K. Patel, *Inorg Chim Acta*, **2020**, 503,119399.
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18. A. Mandal, P. Swain, **Bhaskar Nath**, S. Saua, P. Mal, *CrystEngComm*, 2019, 21, 981

(During Post-doctoral Research)

17. W.-H. Li, K. Ding, H.-R. Tian, M.-S. Yao, **Bhaskar Nath**, W.-H. Deng, Y. -B. Wang, Gang Xu, *Adv. Funct. Mater.*, 2017, 27, 1702067.
16. **Bhaskar Nath**, W. -H. Li , J. -H. Huang , G. -E. Wang , Z. -H. Fu , M. -S. Yao, G. Xu *CrystEngComm*, 2016, 18, 4259. **(Highlighted in the back cover page)**
15. M. -S. Yao, W. -X. Tang, G. -E. Wang, **Bhaskar Nath**, G. Xu, *Adv. Mater.*, 2016, 28, 5229.
14. M. Tian, Z. -H. Fu, **Bhaskar Nath**, M. -S. Yao, *RSC Adv.*, 2016, 6, 88991.

(During PhD from IITG)

13. **Bhaskar Nath**, Jubaraj B. Baruah, *Cryst. Growth and Des.*, 2013, 13, 5146.
12. **Bhaskar Nath**, Jubaraj B. Baruah, *CrystEngComm*, 2013, 15, 6249.
11. **Bhaskar Nath**, Jubaraj B. Baruah, *Cryst. Growth and Des.*, 2012, 12, 6173.
10. **Bhaskar Nath**, Jubaraj B. Baruah, *Dalton Trans.*, 2012, 41, 7115.
9. **Bhaskar Nath**, Jubaraj B. Baruah, *Crystal Growth and Des.*, 2012, 12, 1671.
8. **Bhaskar Nath**, Jubaraj B. Baruah, *Polyhedron*, 2014, 79, 291.
7. **Bhaskar Nath**, D. Kalita, Jubaraj B. Baruah, *Solid State Sci.*, 2012, 14, 880.
6. **Bhaskar Nath**, Jubaraj B. Baruah, *J Inorg Organomet Polym.*, 2014, 24, 381.
5. **Bhaskar Nath**, D. Kalita, Jubaraj B. Baruah, *J Coord Chem.*, 2011, 64, 2545.
4. **Bhaskar Nath**, Jubaraj B. Baruah, *Mol. Cryst. Liq. Cryst.* 2012, 562, 242.
3. S. Samanta, **Bhaskar Nath**, Jubaraj B. Baruah, *Inorg Chem Commun.*, 2012, 22, 98.
2. R. Sarma, **Bhaskar Nath**, A. Ghritlahre, Jubaraj B. Baruah, *Spectrochim Acta, Part A*, 2010, 77, 126.
1. Jubaraj B. Baruah, K.Gogoi, **Bhaskar Nath**, A. Goswami, *Journal of Scientific and Industrial Research*, 2014, 73, 231.