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2015-2017: Post-doctoral fellow, National Tsing Hua University, Taiwan
2008-2014: Doctor of Philosophy, CSIR-CSMCRI, Bhavnagar, Gujarat
2006-2008: Master of Science, Delhi University, Delhi
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Publication:**Journal**

1. *Environment-friendly recycling of polymer in waste printed circuit boards* Maity, N. Staps 11 (2025) 726-733. DOI: 24.20089.STAPS.2025.V11.6.01883
2. *A Triad Fluorenone Derivative Bearing Two Imidazole Groups That Switches between Three States by Base and Acid Stimuli*, Wang, Y.; Maity, N.; Zhao, L.; Krämer, M.; Hasegawa, J.; Shichibu, Y.; Konishi, K.; Wang, X.; Song, Z.; Bando, M.; Nakano, T.*

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3. *Chiral Vanadyl(V) complexes enable efficient asymmetric reduction of β -ketoamides: application towards (S)-Duloxetine* Chen, C-T*, Maity, N. C.; Agarwal, R.; Lai, C-F.; Liao, Y.; Yu, W-R. Journal of Organic Chemistry 85 (2020) 6408-6419.
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5. *Enantioselective O-acetylcyanation/cyanoformylation of aldehydes using catalysts with built-in crown ether-like motif in chiral macrocyclic V(V) salen complexes* Khan, N. H.*; Sadhukhan, A.; Maity, N. C.; Kureshy, R. I.; Abdi, S. H. R.; Bajaj, H. C. Tetrahedron 67 (2011) 7073-7080.
6. *Influence of chirality of V(V) Schiff base complexes on DNA, BSA binding and cleavage activity* Khan, N. H.*; Pandya, N.; Maity, N. C.; Kumar, M.; Patel, M. R.; Kureshy, R. I.; Abdi, S. H. R.; Mishra, S.; Das, S.; Bajaj, H. C. European Journal of Medicinal Chemistry 46 (2011) 5074-5085.
7. *Oxazoline derivatives tagged with tosylated amino acids as recyclable organocatalysts for enantioselective allylation of aldehydes* Ghosh, D.; Sadhukhan, A.; Maity, N. C.; Abdi, S. H. R.*; Khan, N. H.; Kureshy, R. I.; Bajaj, H. C. RSC advances, 4 (2014) 12257-12265.
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9. *Synthesis and characterization of new chiral Cu(II)-N4 complexes and their application in*

- the asymmetric aza-Henry reaction* Das, A.; Kureshy, R. I.*; Maity, N. C.; Khan, N. H.; Abdi, S. H. R.; Bajaj, H. C.; Subramanian, P. S. Dalton Transactions 43 (2014)12357-12364.
10. *Manganese Complexes with Non-porphyrin N4 ligands as recyclable catalyst for the Asymmetric Epoxidation of Olefins* Maity, N. C.; Bera, P. K.; Ghosh, D.; Abdi, S. H. R.*; Kureshy, R. I.; Khan, N. H.; Bajaj, H. C. Catalysis Science & Technology, 4 (2014) 208-217.
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 13. *Chiral macrocyclic salen Mn(III) complexes catalyzed enantioselective epoxidation of non-functionalized alkenes using NaOCl and urea H₂O₂ as oxidants* Maity, N. C.; Abdi, S. H. R.*; Kureshy, R. I.; Khan, N. H.; Suresh, E.; Dangi, G. P.; Bajaj, H. C. Journal of Catalysis 277 (2011) 123-127.
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Book Chapter

1. Maity, N. C. In *Recent Advancement in Therapeutic Use of Chemical compounds and Drug Delivery* Walnut Publication: Delhi, (2020) p 64-70, ISBN 978-9-390785-16-2.

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