Curriculum vitae

Dr. Simanta Doley
Assistnat Professor
Department of Chemistry
Jengraimukh College, Majuli
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Academics Qualifications

Degree/ Exam	**Institute**	**Board/University**	**Year**
Ph.D.	Tezpur University	Tezpur University	2015-2020
M.Sc.	Cotton College State University	Cotton University (Specialization in Physical Chemistry)	2013-2015
B.Sc.	Chandra Nath Bezbaruah College, Bokakhat, Assam	Dibrugarh University, Chemistry (Major)	2010-2013
XII	Chandra Nath Bezbaruah College, Bokakhat, Assam	AHSEC	2008-2010
X	Rajabari High School, Bokakaht	SEBA	2008

Academic Achievement

1. CSIR-NET (JRF), December, 2017.
2. GATE, 2018.
3. Asianpaints Paper Contest (3rd Prize) (2015).
4. 9th National Award for Technology Innovation in Petrochemicals & Downstream Plastics Processing Industry (Runners-Up) (2018-2019).

List of Publications in International SCI Based Journals

1. **Doley, S.** and Dolui, S.K. Solvent and catalyst free synthesis of sunflower oil based polyurethane through non-isocyanate route and its coatings properties. *European Polymer Journal*, 102:161-168, 2018.
2. **Doley, S.,** Agarwal, V., Bora, A., Borah, D., and Dolui, S. K. Development of sunflower oil based non-isocyanate polyurethane/multi walled carbon nanotube composites with improved physico-chemical properties. *Polymer Composites*, 40(S2):E1120--E1130, 2019.
3. **Doley. S.,** Sarmah, A., Sarkar, C., and Dolui, S.K. In situ development of bio-based polyurethane-blend-epoxy hybrid materials and its nanocomposites with modified graphene oxide via non-isocyanate route. *Polymer International*, 67(8):1062-1069, 2018.
4. Bora, A., Mohan, K., **Doley, S**., Goswami, P., and Dolui, S. K. Broadening the sunlight response region with carbon dot sensitized TiO_2 as a support for a Pt catalyst in the methanol oxidation reaction. *Catalysis Science & Technology*, 8(16):4180-4192, 2018.
5. Bora, A., Mohan, K., **Doley, S.**, and Dolui, S. K. Flexible asymmetric supercapacitor based on functionalized reduced graphene oxide aerogels with wide working potential window. *ACS Applied Materials and Interfaces*, 10(9):7996-8009, 2018.
6. **Doley, S.,** Bora, A., Saikia, P., Ahmed, S. and Dolui, S.K. Blending of cyclic carbonate based on soybean oil and glycerol: a non-isocyanate approach towards the synthesis of polyurethane with high performance. ***Journal of Polymer Research***, 28(5), 1-9, 2021.

List of Book Chapter Published

1. Doley, S., Sarma, A., Mudoi P.P., and Paul, S. Synthesis and characterization of Jatropha curcus oil based epoxy resins and their composites with graphene oxide. *Recent Progress in Applications of Functional Materials*, 33-45, ISBN: 978-620-0-10269-0. Lambert Academic Publishing, 2019.

2. Mahnta A., **Doley, S.,** and Mudoi P.P. A review on metal catalyzed C-N bond forming reactions. *Recent Progress in Applications of Functional Materials*, 46-74, ISBN: 978-620-0-10269-0. Lambert Academic Publishing, 2019.

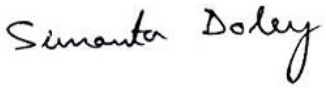
Conferences/ Workshop Attended

1. **Doley, S.** and Dolui, S. K. **Poster presentation** entitled 'In situ development of bio-based polyurethane/epoxy hybrid materials via non-isocyanate route and its coating properties', Fourth International Symposium on Advances in Sustainable Polymers, IIT Guwahati, Assam, 2018.
2. **Doley, S.** and Dolui, S.K. **Poster presentation** entitled 'Development of Non-isocyanate Polyurethane hybrid/Graphene Oxide composites', An International Conference in Chemistry Organix-2018, Tezpur University, Assam, 2018.
3. **Doley, S.** and Dolui, S. K. **Poster presentation** entitled 'Development of CO2 source monomer Cyclic carbonates Castor oil as a precursor for Synthesis of Polyurethane Networks: a non-isocyanate route', International Conference on Emerging Trends in Chemical Sciences (ETCS-2018), Dibrugarh University, Assam, 2018.
4. **Doley, S.** and Dolui, S. K. **Poster presentation** entitled 'Development of sunflower oil based polyurethane through non-isocyanate routes: An eco-friendly approach', 25th National Conference on Condensed Matter Physics CMDAYS17, Tezpur University, Assam, 2017.
5. **Doley, S.** and Dolui, S. K. **Poster presentation** entitled 'Development of biobased polyurethane through nonisocyanate route', 104th Indian Science Congress, S.V. University, Tirupati, 2017.
6. Workshop on Arsiron Nilogon: Availability and Handling of Arsiron Nilogon Kit', Department of Chemical Sciences, Tezpur University, Assam, 2016.

Declaration

I do hereby declare that all information furnished above are true, complete and correct to the best of my knowledge and belief.

Sincerely,



Date: 24.05.2022

Simanta Doley

Place: Jengraimukh