



DR. BASKHEMLANG KSHIAR

ACADEMIC QUALIFICATIONS:

PhD

TITLE OF THESIS: “Applications of Multicomponent Reactions (MCRs) for the Synthesis of Some Important *N*-Heterocycles and Other Related Compounds”

University: North-Eastern Hill University, Shillong.

M.Sc (Chemistry)

University: North-Eastern Hill University, Shillong.

OTHER QUALIFICATIONS:

National Eligibility Test for Lectureship: Joint CSIR-UGC, NET-JRF

PUBLICATIONS:

1. PTSA-Catalyzed Reaction of Alkyl/Aryl Methyl Ketones with Aliphatic Alcohols in the Presence of Selenium Dioxide: A Protocol for the Generation of an α -Ketoacetals Library
O. Risuklang Shangpliang, Kmendashisha Wanniang, **Baskhemlang Kshiar**, Ibakyntiew D. Marpna, Tyrchain Mitre Lipon, Pushpak Mizar, and Bekington Myrboh
ACS Omega **2019**, *4*, 6035-6043.
2. A three component one-pot synthesis of *N*-amino-2-pyridone derivatives catalyzed by KF- Al_2O_3
Baskhemlang Kshiar, O. Risuklang Shangpliang, Bekington Myrboh
Synthetic Communications **2018**, *48*, 14, 1816-1827.

3. Selenium Dioxide As an Alternative Reagent for the Direct α -Selenoamidation of Aryl Methyl Ketones

O. Risuklang Shangpliang, **Baskhemlang Kshiar**, Kmendashisha Wanniang, Ibakyntiew D. Marpna, Tyrchain Mitre Lipon, Badaker M. Laloo, and Bekington Myrboh

Journal of Organic Chemistry **2018**, 83, 10, 5829-5835.

4. L-Proline as an efficient enantioinduction organo-catalyst in the solvent-free synthesis of pyrazolo[3,4-*b*]quinoline derivatives via one-pot multi-component reaction

Deboshikha Bhattacharjee, **Baskhemlang Kshiar**, Bekington Myrboh

RSC Advances **2016**, 6, 95944-95950.

SEMINARS AND WORKSHOPS ATTENDED:

1. Attended a “*Regional Workshop on Research Based Pedagogical Tools,*” 27th - 29th July 2017, Department of Chemistry, NEHU in collaboration with COSME, IISER Pune.

PRESENTATIONS IN SEMINARS, WORKSHOPS, CONFERENCES AND OTHERS:

1. Presented a Paper titled “**Utility of Cyanoacetic Hydrazone in the Synthesis of Benzylidene-2-cyanohydrazides: Facile Intermediates in Heterocyclic Synthesis**” in the “*National Conference on Contemporary Developments in Chemical Sciences (CDCS-2015)*”, 23rd – 24th November, 2015, Department of Chemical Sciences, Tezpur University, Tezpur, Assam.
2. Presented a Paper titled “**Synthesis, Characterization and Applications of *N'*-Benzylidene-2-Cyanoacetohydrazides**” in the “*20th CRSI National Symposium in Chemistry (CRSI-NSC-2017)*”, 3rd – 5th February, 2017, Department of Chemistry, Gauhati University, Guwahati, Assam.