

APPENDICES

A. List of Publications:

- [1]. Devi, R., Kalita, T., and Das, S. K. Brønsted acid-catalysed intramolecular ring opening of 2-(aryloxymethyl)-3-aryloxiranes leading to *trans*-4-arylchroman-3-ols: scope and limitation. *RSC Advances*, 5:39692-39696, 2015.
- [2]. Devi, R., Gogoi, D., Bora, P., and Das, S. K. Synthesis of diverse catechin congeners via diastereoselective intramolecular epoxy-arene cyclization. *Tetrahedron*, 72(32):4878-4888, 2016.
- [3]. Gogoi, D., Devi, R.,[#] Pahari, P., Sarma, B., and Das, S. K. *cis*-Diastereoselective synthesis of chroman-fused tetralins as B-ring-modified analogues of brazilin. *Beilstein Journal of Organic Chemistry*, 12:2816-2822, 2016. ([#]equal contributions)
- [4]. Devi, R. and Das, S. K. Studies Directed toward the Exploitation of Vicinal Diols in the Synthesis of (+)-Nebivolol Intermediates. *Beilstein Journal of Organic Chemistry*, 13:571-578, 2017.
- [5]. Borgohain, H., Devi, R., Dheer, D., Borah, B. J., Shankar, R., and Das, S. K. Synthesis of Tetrahydroquinoline-Embedded Bridged Benzothiazoxazepine-1,1-dioxides. *European Journal of Organic Chemistry*, 2017(45):6671-6679, 2017.
- [6]. Devi, R. and Das, S. K. Combining spiro-fused cyclohexadienone – tetrahydrofuran ring system with glycine: Asymmetric synthesis of a new class of α -amino acid derivatives. *Tetrahedron Letters*, 59(23):2281-2283, 2018.
- [7]. Devi, R., Das, J., Sarma, B., and Das, S. K. Phenolate-induced intramolecular ring-opening cyclization of *N*-tosylaziridines: access to functionalized benzoxacycles. (Manuscript *accepted* for publication in the journal *Organic & Biomolecular Chemistry*), DOI: 10.1039/C8OB01143E.
- [8]. Devi, R., Mukhopadhyay, S., Pathak, A., and Das, S. K. Diversity-oriented stereoselective synthesis of 6,7-dihydrobenzo[*f*]benzo[4,5]imidazo[1,2-*d*][1,4]oxazepines. (Manuscript *Submitted* for Publication)

B. List of Conference/Symposium/Seminar Attended:

[1]. Attended 17th CRSI National Symposium in Chemistry held at CSIR-NCL, Pune, India during February 06-08th, 2015 to present a poster.

[2]. Attended UGC-SAP National Conference on Contemporary Developments in Chemical Sciences, during November 23-24th, 2015 organized by Tezpur University, Assam, India to present a poster.

[3]. Attended Science Academies Lecture Workshop held at Tezpur University, India during Nov 11-13th, 2016.

[4]. Attended 20th CRSI National Symposium in Chemistry held at Guwahati University, Assam, India during February 03-05th, 2017 to present a poster.

[5]. Participated in Workshop on Nuclear Magnetic Resonance (NMR) on October 13th, 2017 organized by JEOL INDIA PVT. LTD. in collaboration with Tezpur University, Assam, India.

[6]. Participated in Workshop on Fluoride Nilogon on March 25th, 2017 organized by Department of Chemical Sciences, Tezpur University, Assam, India.

[7]. Attended International Conference "Emerging Trends in Chemical Sciences" held during February 26-28th, 2018 at Dibrugarh University, Assam, India to present a poster.