



तेजपुर विश्वविद्यालय

(केंद्रीय विश्वविद्यालय)

नपाम, तेजपुर - 784 028, असम, भारत

TEZPUR UNIVERSITY

(A Central University)

Napam, Tezpur - 784 028, Assam, India

Department of Chemical Sciences

A REPORT ON

Commonwealth Split-Site Ph. D. Scholarship, 2019 of Shivaneer Borpatra Gohain

1. Name of the Collaborative Activity: Commonwealth Split-Site Ph. D. Scholarship, 2019
2. Nature of Activity: R&D
3. Name of the Collaborating Agency/ Individual with affiliation, and contact details: Shivaneer Borpatra Gohain
4. Summary of collaboration: As a part of the programme, I have participated in the training on operating the NMR (Nuclear Magnetic Resonance Spectroscopy) and HR-MS (High Resolution Mass Spectroscopy) instruments. Further, I got familiar with chemistry-based software like Reaxys, ChemInventory, Quartz etc. Also, I learnt the methods and procedures to operate the advanced instrumental facilities in the lab.

As planned, we focussed on a reaction to synthesize a product with biological importance, containing a chiral centre. The chiral centre would be responsible for two enantiomers, which are to be separated by catalyst-specific method

5. List of year-wise activities under the collaboration:

Activity 2019-20

We focussed on a reaction to synthesize a product with biological importance, containing a chiral centre

**Signature and Seal of Head of
Department/ Centre/ Cell**

R. Borah
9.02.2022

Prof. & Head
Department of Chemical Sciences
TEZPUR UNIVERSITY

**Name: Professor Ruli Borah
Designation: Professor & HoD**