



## TEZPUR UNIVERSITY

### *Certificate by the Supervisor*

This is to certify that the thesis entitled “**Spectroscopic Study of Interstellar Polycyclic Aromatic Hydrocarbon molecules and its variants**”, submitted to the School of Sciences, Tezpur University in partial fulfillment of the requirements for the award of the degree of **Doctor of Philosophy in Physics** is a record of original research work carried out by **Ms. Mridusmita Buragohain** under my supervision and guidance.

All help received by her from various sources have been duly acknowledged. No part of the thesis has been submitted elsewhere for award of any other degree.

Date:

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(Dr. Amit Pathak)

Supervisor

(Former Assistant Professor, Tezpur University)

Associate Professor, Department of Physics

Banaras Hindu University





## TEZPUR UNIVERSITY

### *Certificate by the Co-Supervisor*

This is to certify that the thesis entitled “**Spectroscopic Study of Interstellar Polycyclic Aromatic Hydrocarbon molecules and its variants**”, submitted to the School of Sciences, Tezpur University in partial fulfillment of the requirements for the award of the degree of **Doctor of Philosophy in Physics** is a record of original research work carried out by **Ms. Mridusmita Buragohain** under my supervision and guidance.

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Date:

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Co-Supervisor

Associate Professor, Department of Physics

Tezpur University

