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Certificate

*This is to certify that the thesis entitled, “Equilibrium and fluctuation dynamics in self-gravitating plasmas”, submitted to the School of Sciences, Tezpur University, in partial fulfillment of the requirements for the award of degree of **Doctor of Philosophy (PhD)** in Physics is a genuine record of original research investigations carried out by **Mr. Bhupen Borah** under my constant supervision and guidance.*

All the cooperation and help received by him throughout from various sources have been thankfully acknowledged.

It is further stated that no part of the contents compiled in this thesis has been submitted elsewhere for the award of any other degree, diploma, or recognition.

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