


## CERTIFICATE

This is certify that dissertation entitled “**Chemical Signals in Quorum Sensing (REVIEW)**”, is based on review of literature work done by **Uttam Kumar Jena** (Enrollment No.-GGV/19/3433) Department of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G. and this has not previously formed the basis of the award of any degree, diploma, associate ship and any other similar title and it represents entirely an independent work on the part of the candidate.

**Place: Bilaspur**

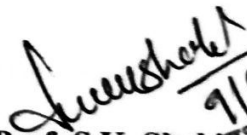
**Date: 05.08.2021**

  
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I recommend the Project Report to be forwarded to the respective examiners for evaluation. I wish his all the success in his carrier and life.

**Place: Bilaspur**

**Date:**

  
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