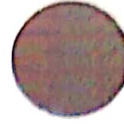


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# Pondicherry University



*The Vice-Chancellor and the Executive Council of the Pondicherry University, on the recommendations of the duly appointed Board of Examiners, hereby declare that*

**NAVEEN KUMAR**

*has been admitted to the Degree of*

**DOCTOR OF PHILOSOPHY**

*in Computer Science and Engineering for the thesis entitled "Scanner: A Spatial Co-Locations Pattern Mining Framework with Applications to Diverse Data" in December 2018.*



*P. Chinnus*  
Registrar

Puducherry

Date 23 DEC 2019

*G. Meenakshi*  
Vice-Chancellor