DECLARATION BY THE CANDIDATE

I hereby declare that the thesis entitled “Cellularity, Modular Representations and Gram Matrices of a Class of Diagram Algebras” submitted by me for the Degree of Doctor of Philosophy in Mathematics to the University of Madras is the result of my original and independent work carried out at the Ramanujan Institute for Advanced Study in Mathematics, University of Madras between November 2008 to June 2014 under the guidance of Dr. S. Parvathi, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, and has not formed the basis for the award of any degree, diploma, associateship, fellowship or other similar titles.

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A. M. Nayeem & Parveen. N