

Declaration

Certified that the work presented in this thesis entitled “Photoluminescence investigation of hydrothermally grown ZnO and 3d transition metal (Mn/Co/Ni/Cu) doped ZnO nanostructures” is based on the original research work done by me under the supervision and guidance of Prof. M. Junaid Bushiri, Professor, Department of Physics, Cochin University of Science and Technology, Cochin-682 022 and has not been included in any other thesis submitted previously for the award of any degree.

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