This is to certify that this dissertation entitled "A STUDY ON IRREGULAR COLORING OF SOME GRAPHS" submitted to KONGUNADU ARTS AND SCIENCE COLLEGE (Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by Ms. R. SANGAMITHRA during the period 2018 - 2019 of her study in the Department of Mathematics, Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University.

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This is to certify that this dissertation entitled "A STUDY ON NANO ψ-CLOSED SETS AND NANO ψ-CONTINUOUS IN NANO TOPOLOGICAL SPACES" submitted to Kongunadu Science College (Autonomous), affiliated to the Bharathiyar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by B.ADHIRA during the period 2018-2019 of her study in the Department of Mathematics, Kongunadu Arts and Science College (Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate of any University.

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This is to certify that this dissertation entitled "A STUDY ON NANO BGENERALIZED CLOSED SETS IN NANO TOPOLOGICAL SPACES" submitted to KONGUNADU ARTS AND SCIENCE COLLEGE(Autonomous), affiliated to the Bharathiar University, in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics, is a record of original work done by Mrs. S. SUGANYA DEVI during the period 2018 - 2019 of her studyin the Department of Mathematics, Kongunadu Arts and Science College(Autonomous), Coimbatore, under my supervision and the dissertation has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or other similar title to any candidate of any University.

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