

**A STUDY ON SOME GENERALIZED CLOSED SETS IN NANO IDEAL  
TOPOLOGICAL SPACES**

Dissertation submitted to the **BHARATHIAR UNIVERSITY** in partial  
fulfilment of the requirements for the award of the degree of

**MASTER OF PHILOSOPHY IN MATHEMATICS**

by

**K. LAVANYA M.Sc.,  
(Reg. No: 2017R0016)**

Under the guidance of

**Dr. V. RAJENDRAN M.Sc., M.Phil., PGDCA., Ph.D., (SET)**



**DEPARTMENT OF MATHEMATICS**

**KONGUNADU ARTS AND SCIENCE COLLEGE**

**(AUTONOMOUS)**

[Re-accredited by NAAC with 'A' Grade-3.64 CGPA (3<sup>rd</sup> Cycle)]

College of Excellence (UGC)

**COIMBATORE-641 029**

**NOVEMBER-2018**



# A STUDY ON ACYCLIC COLORING OF SOME GRAPH FAMILIES

Dissertation submitted to Bharathiar University in partial fulfilment  
of the requirements for the award of the degree of

**MASTER OF PHILOSOPHY IN MATHEMATICS**

by  
**K. SELVAMANI**  
(Reg. No.: 2017R0019 )

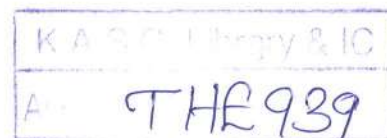
Under the guidance of  
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**DEPARTMENT OF MATHEMATICS**  
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**A STUDY ON INTUITIONISTIC SUPRA GENERALIZED  
 $\alpha$  - CLOSED SETS**

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**NOVEMBER - 2018**



**ON  $\psi^*g\alpha$ -CLOSED SETS IN TOPOLOGICAL SPACES**

Dissertation submitted to the **BHARATHIAR UNIVERSITY** in

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**MASTER OF PHILOSOPHY IN MATHEMATICS**

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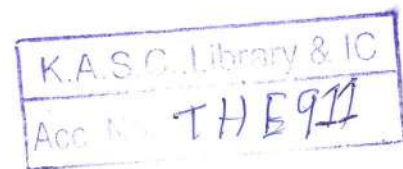
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[College of Excellence (UGC)]

**COIMBATORE**

**NOVEMBER 2018**





**EXISTENCE OF SOLUTIONS OF FRACTIONAL IMPULSIVE  
INTEGRO DIFFERENTIAL EQUATIONS OF SOBOLEV TYPE**

Dissertation submitted to the

**BHARATHIAR UNIVERSITY**

in partial fulfilment of the requirements  
for the award of the degree of

**MASTER OF PHILOSOPHY IN MATHEMATICS**

by

**S. DIVYA**

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**A STUDY ON  $\tau_{ij}$  - SEMI  $^{\#}ga$  - CLOSED SETS IN  
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**[College of Excellence (UGC)]**

**COIMBATORE – 641 029**

**MAY 2018**

