

# **SOME RESULTS ON $S_1$ NEAR-RINGS AND THE SUBSETS AND STONG $S_1$ NEAR-RINGS**

**A Project work submitted to The American College (Autonomous)**

**Affiliated to Madurai Kamaraj University**

**In partial fulfillment of the requirement for the Degree of**

**Master of Science in Mathematics**

**Submitted by**

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**( 21PGM02)**

**Under the Guidance of**

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**DEPARTMENT OF MATHEMATICS  
THE AMERICAN COLLEGE (AUTONOMOUS)  
(Re-Accredited with “A+” Grade by NAAC)**

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**APRIL – 2023**



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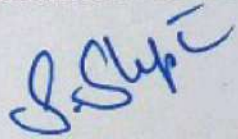
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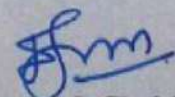
### **BONAFIDE CERTIFICATE**

This is to certify that this project work entitled **SOME RESULTS ON  $S_1$  NEAR-RINGS AND THE SUBSETS AND STRONG  $S_1$  NEAR-RINGS** submitted by **ABISA .S (21PGM02)** student of M.Sc., degree course in Mathematics, **The American College (Autonomous), Madurai**, affiliated to **Madurai Kamaraj University, Madurai**, is a bonafide record of work carried out by her under my guidance and supervision as a fulfillment of the course.

It is further certified that to the best of my knowledge, this project report or any part of this work has not been submitted in this university or elsewhere for any other degree or diploma.

Submitted for Viva-Voce held on

  
**Head of the Department**

  
**Internal Guide**

**External Examiner**