

A New Class of Open Sets using δ -Preopen Sets

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Thesis Submitted to

**Avinashilingam Institute for Home Science and Higher Education for Women,
Coimbatore – 641 043**

In Partial Fulfilment of the Requirement for the Degree of

Doctor of Philosophy in Mathematics

January 2022

RECOMMENDATIONS

The following problems for further study are recommended

- ❖ δP_S -locally open sets and δP_S -locally continuous functions can be developed in topological spaces.
- ❖ (i, j) δP_S -open sets can be extended to the concepts of separation axioms, irresoluteness, homeomorphisms in bitopological spaces.
- ❖ Fuzzy δP_S -open sets can be developed and extended to the concepts of continuity, separation axioms, irresoluteness, and homeomorphisms in fuzzy topological spaces.
- ❖ δP_S -open sets can be defined for operations and can be extended to its various properties in operation approaches.
- ❖ The concepts of δP_S -open sets can be defined for biminimal structures, nano topology, intuitionistic fuzzy topology, neutrosophic set theory and their applications may be obtained.