Future Scope

There are many interesting problems that can be taken up in future. The following problems are some of them.

1. To study continuous and quasi-continuous near-ring groups.

    The problems considered in E-injective N-groups, relative injective N-groups in the thesis are to be generalized to continuous and quasi-continuous near-ring groups.

2. To study pseudo injective near-ring groups with chain conditions and investigate various characteristics by modifying the chain conditions on the substructures.

3. To study and investigate various characteristics of the classes of supplemented near-ring groups, weakly supplemented near-ring groups, totally supplemented near-ring groups with different chain conditions on the near-ring.

4. To study pure injective near-ring groups over a serial near-rings satisfying chain conditions.

5. To extend the notions of Baer modules and Rickart modules (introduced quite recently) to near-ring groups.

6. To investigate non-singular injective N-group and try to establish that this class of N-groups have Rickart module like structure.

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