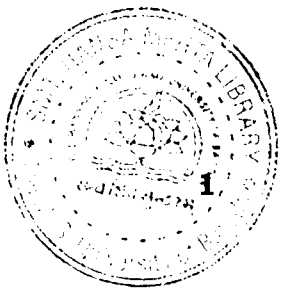

- Oxidation reactions using O_2 as an oxidant
  - Oxidation of alcohols (benzyl alcohol, cyclopentanol, cyclohexanol, 1-hexanol, 1- octanol)
  - Oxidation of alkenes (styrene, α-methyl styrene, cyclohexene)
  - Probable reaction mechanism
- Oxidation reactions using H_2O_2 as an oxidant
  - Oxidation of alcohols (benzyl alcohol, cyclopentanol, cyclohexanol, 1-hexanol, 1- octanol)
  - Oxidation of alkenes (styrene, α-methyl styrene, cyclohexene)
  - Kinetic study
- Conclusions

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- **NOVELTY OF THE WORK**

- Papers presented in International/National Conference, Symposium