OC P 468: ORGANIC CHEMISTRY PRACTICALS-II
(Analysis of 6 binary mixtures is to be carried out)

Course Outcome

- Student will gain the in-depth knowledge and skill in identification and separations of organic compounds from binary mixtures of organic compounds containing both mono and bi-functional groups, their purifications and systematic qualitative analyses.
- Understand the purification of the components, determination of boiling point/melting point for components and melting point of their derivatives.
- Learn the application of concepts of different organic reactions studied in theory part of organic chemistry.
- Study the complete identification of organic compound with melting point and preparation of a suitable derivative.
- Learn the use glassware, equipment and chemicals and follow experimental procedures in the laboratory.

Identification of components in the binary mixture of organic compounds and the method of separation. Systematic semi-micro qualitative analysis by the Identification of the functional group(s) present in each of the compound and preparation of one solid derivative each for their confirmation.

Demonstration of identification and method of separation of organic compounds from ternary mixtures of organic compounds.

References

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