

## INTRODUCTION

*Change in structure of alkane through replacing hydrogen by halogen brings about tremendous change in properties also. In alkyl halide, carbon bearing partial positive charge becomes susceptible to attack by a nucleophile which leads to the formation of a lot many organic compounds and thus making it a versatile compound, having a very important niche in organic chemistry.*

*If we have family of organic compounds from which we can remove an atom and attach another atom, so that the functional group is changed, it will be very nice. Of course, we are having a family and that is your alkyl halides.*

*Yes, the halogen atom in the alkyl halides can be replaced by many other atoms, thus yielding other families of organic compounds. Interesting, isn't it? Let us study more.*

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