

03/2/24

B.Sc Part II (B)

Kiranmayee

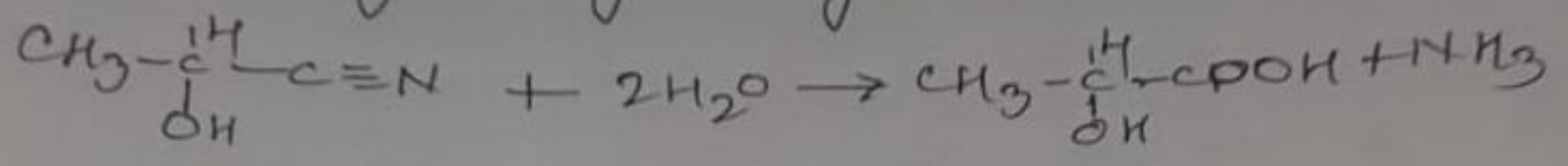
Assistant Professor in chemistry

J.J. College Ara

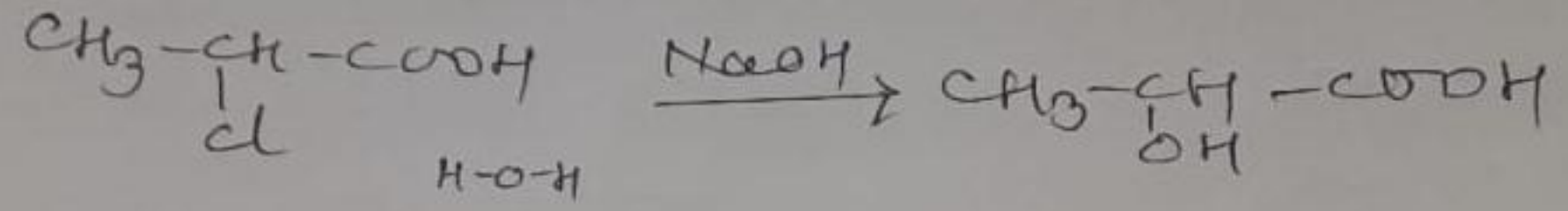
Lactic acid

Prep<sup>n</sup>

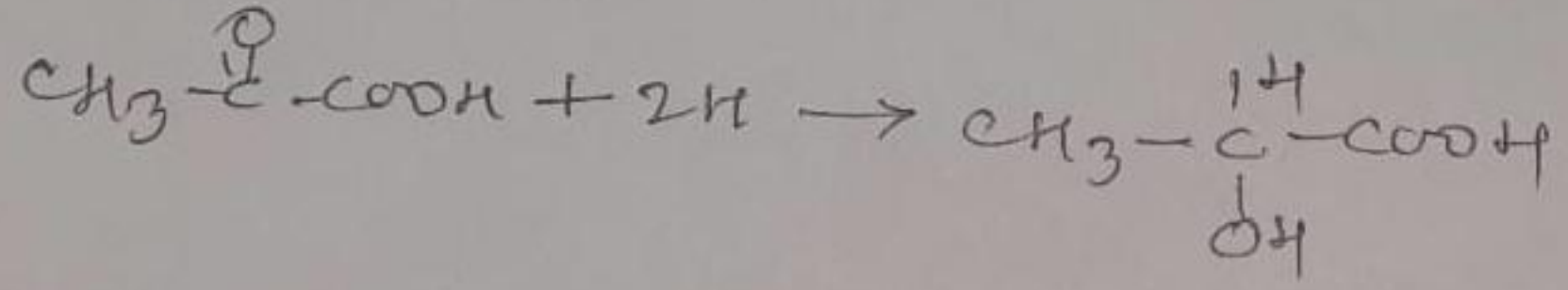
(I) It is prepared by the hydrolysis of acetaldehyde cyanohydrin.



(II) It is prepared by the hydrolysis of  $\alpha$ -chloro propionic acid



(III) By the reduction of Pyruvic acid ( $\alpha$ -Ketoacid)



(IV) By the fermentation of lactose with *Bacillus acidilactile*

