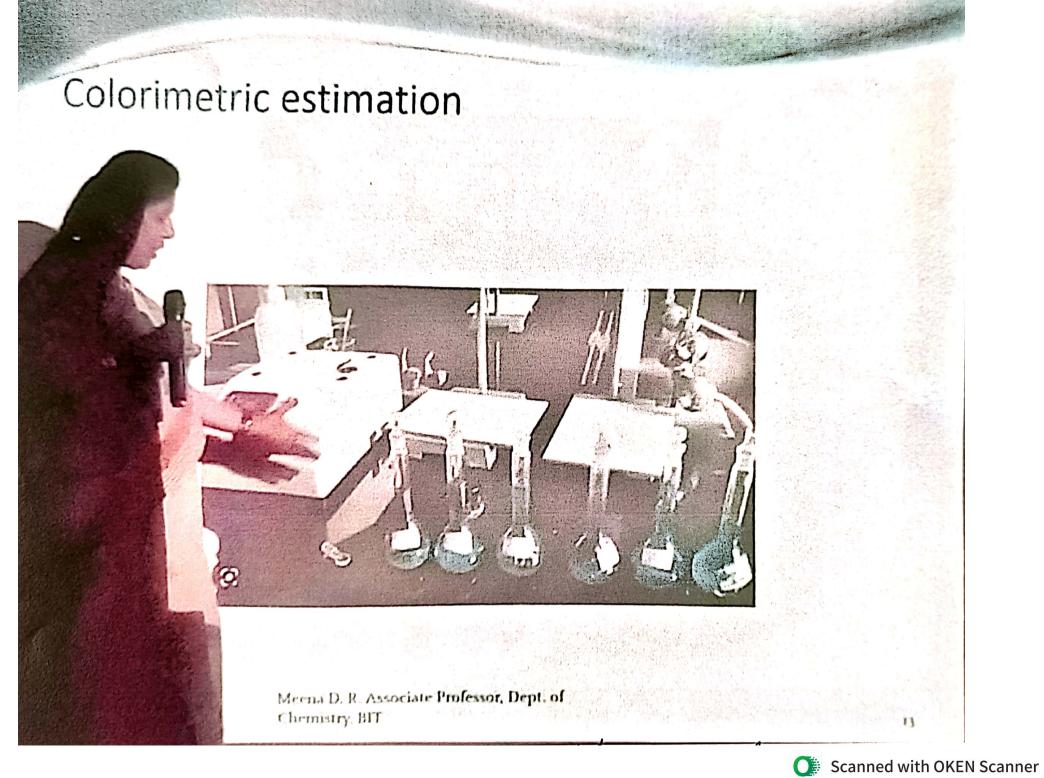


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Acidified solution of fluoride discharges the red colour of iron thiocyanato complex prepared by treating ferric chloride with ammonium thiocyanate



[Fe(H₂O)₆]³⁺ ÷ 3 SCN⁻ [Fe(SCN)₃(H₂O)₃] [Fe(SCN)₃(H₂O)₃] (red) ÷ F⁻ gives [FeF₆]³⁺ (colourless)

The interference was checked with different anions:

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Fabricated a grooved tile from black granite

performed test with 1 drop of test solution.

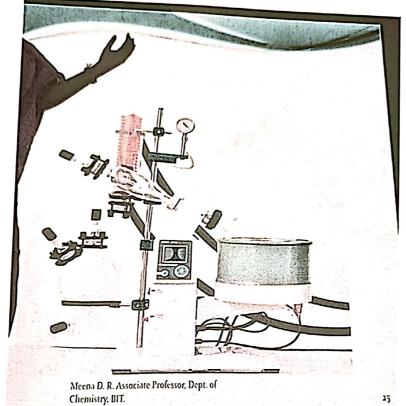
precipitateof AgCland pale yellow precipitateof

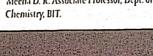
AgBr was clearly visible. For iodide, white grooved tile was used. Solubility in aq. NH₃ was

checked asin the conventional method.

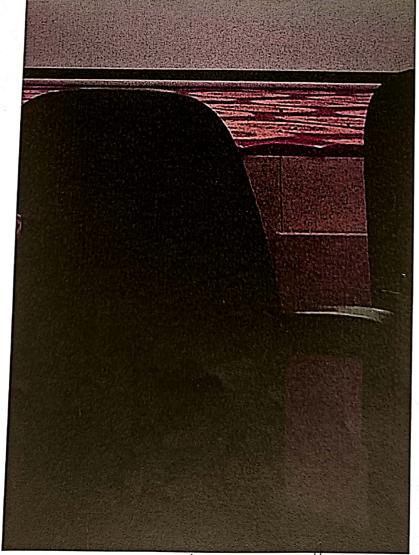


Meena D. R. Associate Professor, Dept. of Chemistry, BIT.









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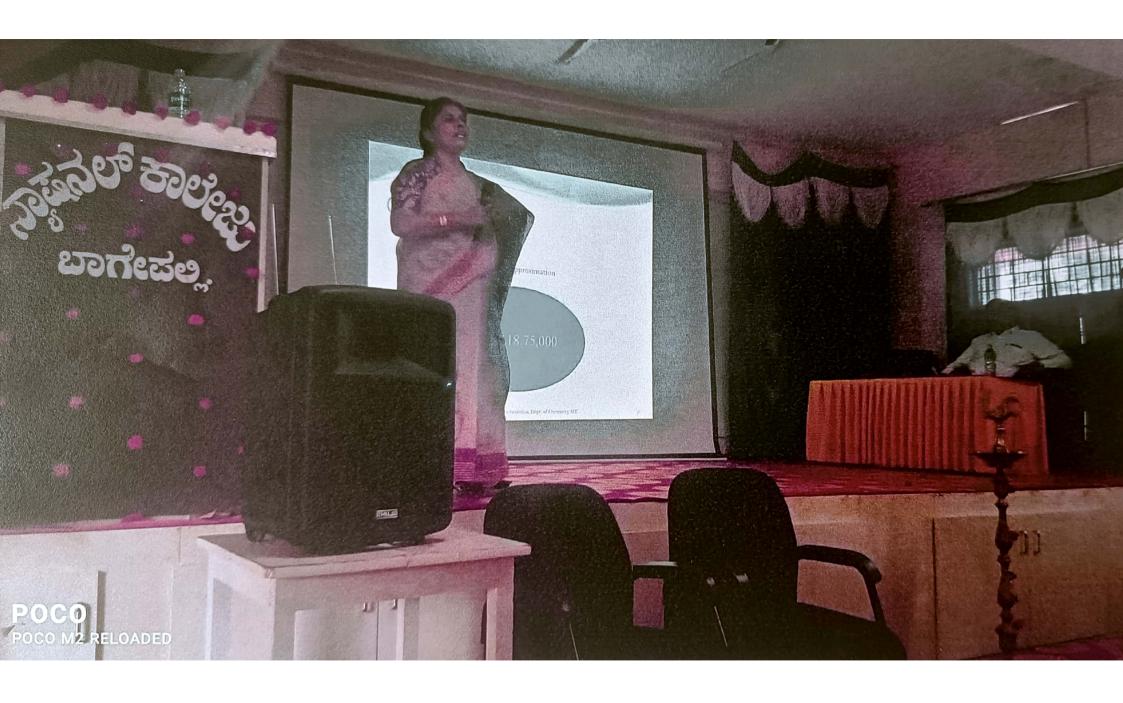
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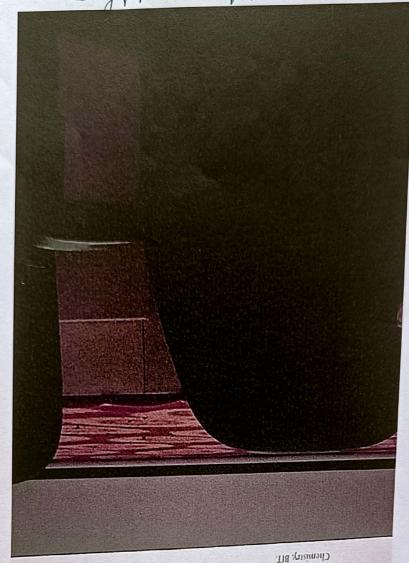


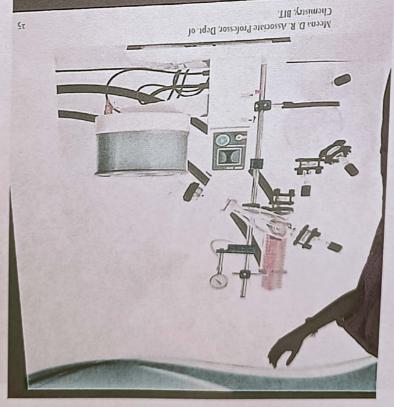
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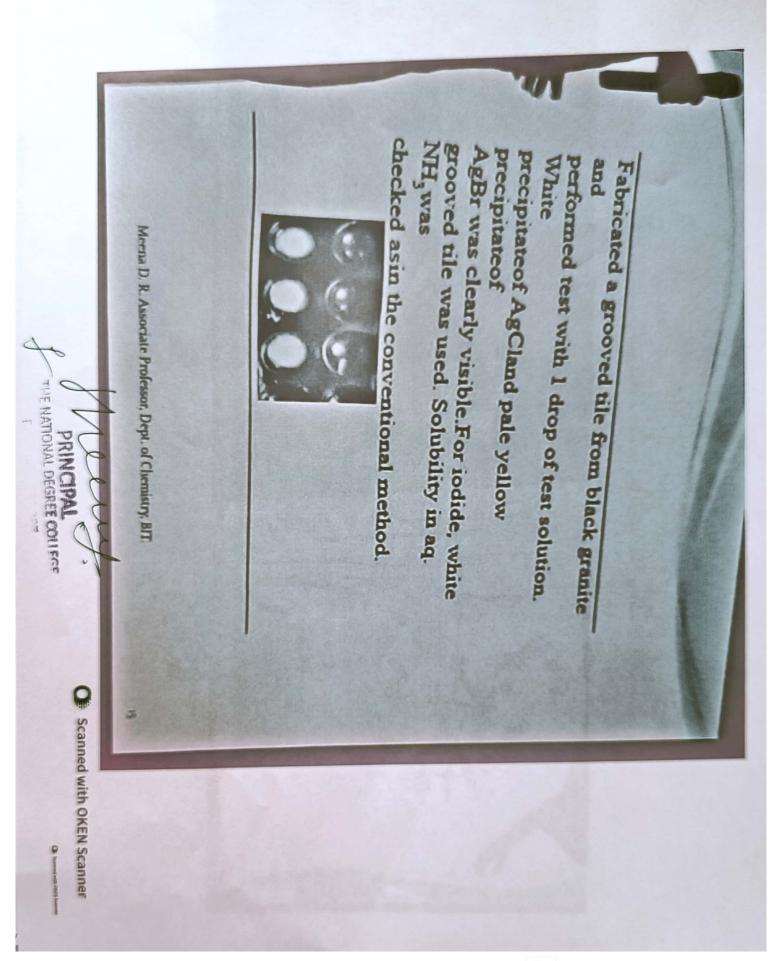
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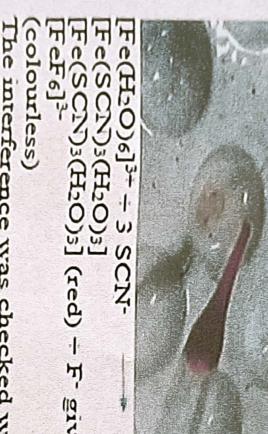






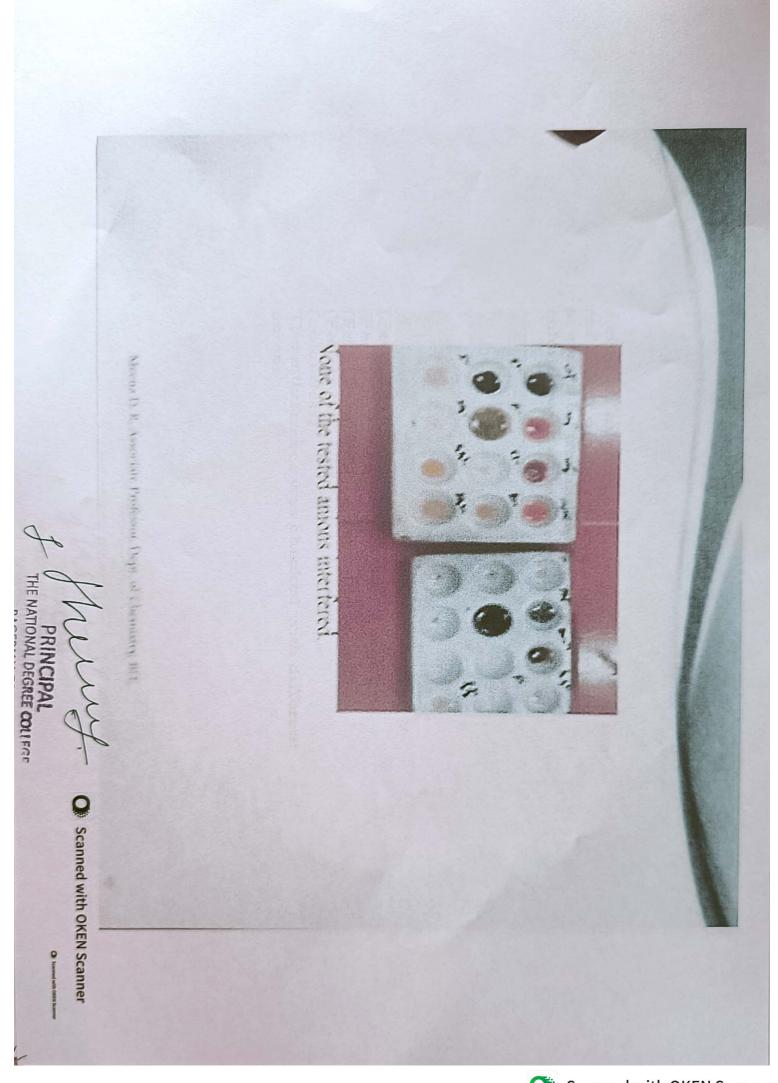
3

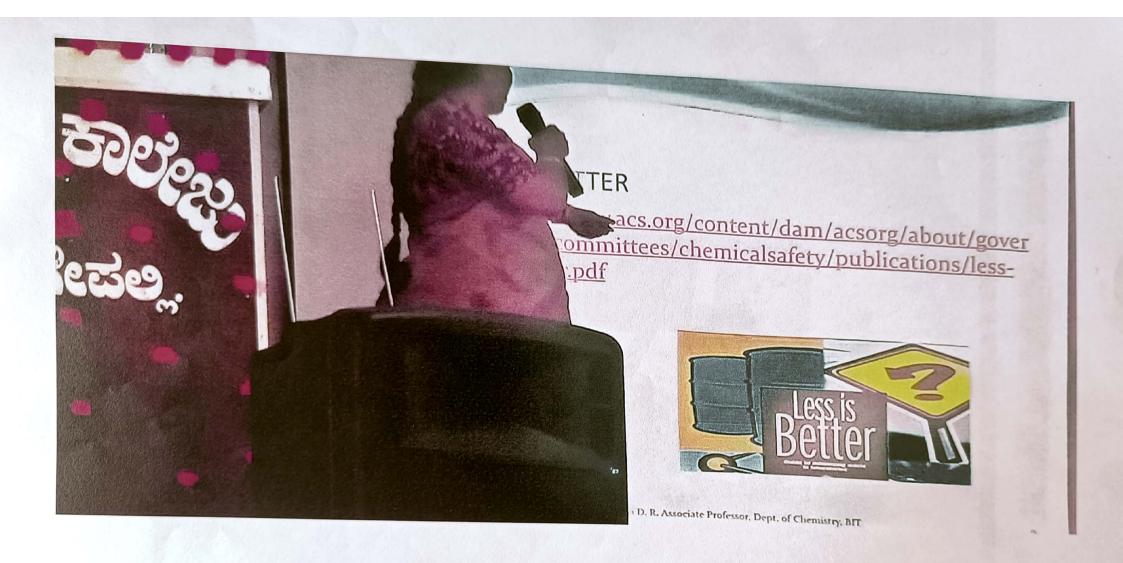
red colour of iron thiocyanato complex Acidified solution of fluoride discharges the chloride with ammonium thiocyanate prepared by treating ferric



The interference was checked with different Fe(SCN)3(H2O)3] Fe(SCN)3(H2O)3] (red) + F- gives FeF6]3-

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