

NPTEL

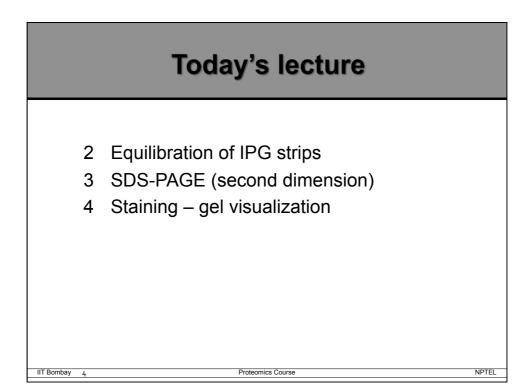
- 3 SDS-PAGE (second dimension)
- 4 Staining gel visualization
- 5 Image analysis
- 6 Spot picking

1

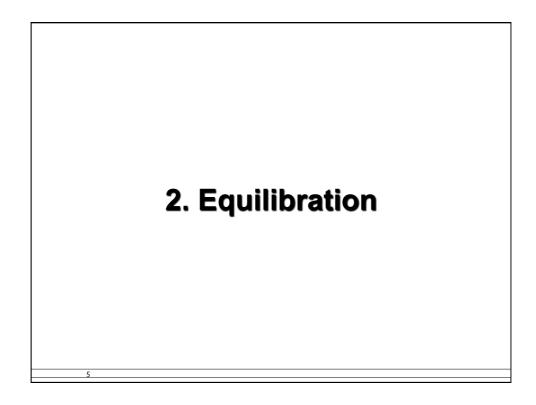
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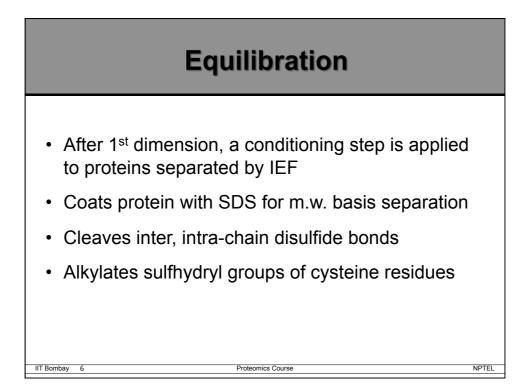
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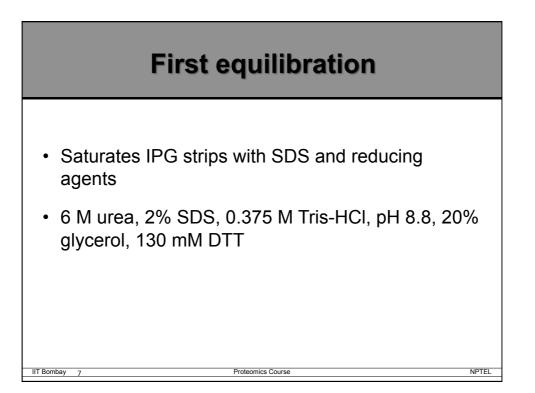
- 7 Enzymatic digestion
- 8 MS analysis

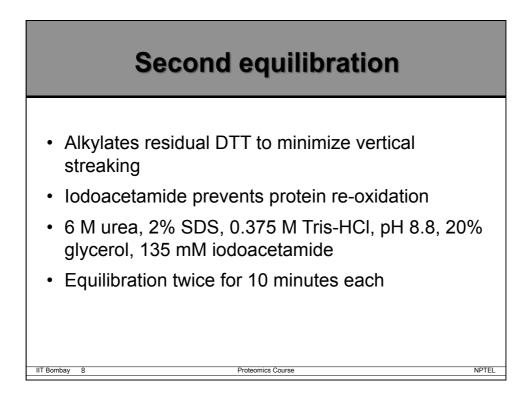


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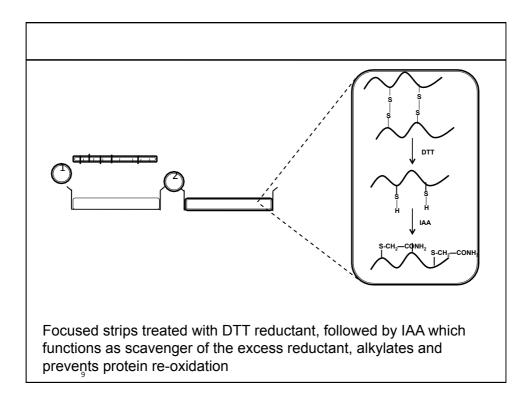


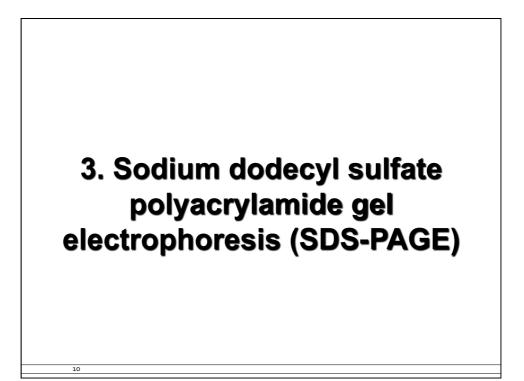


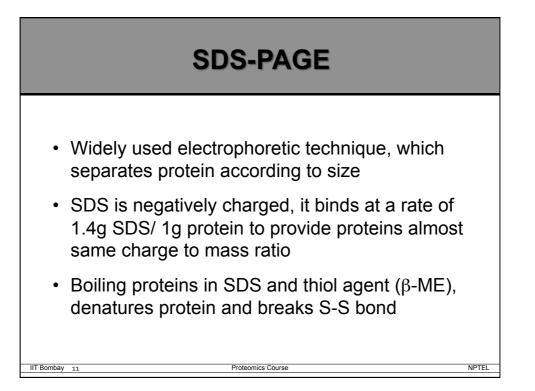


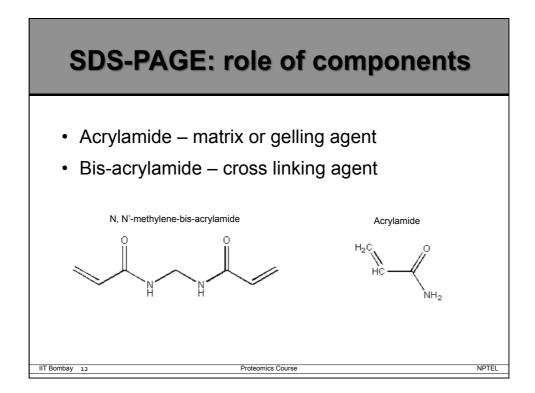
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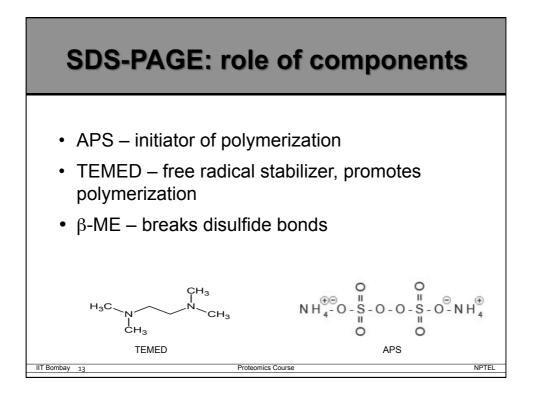
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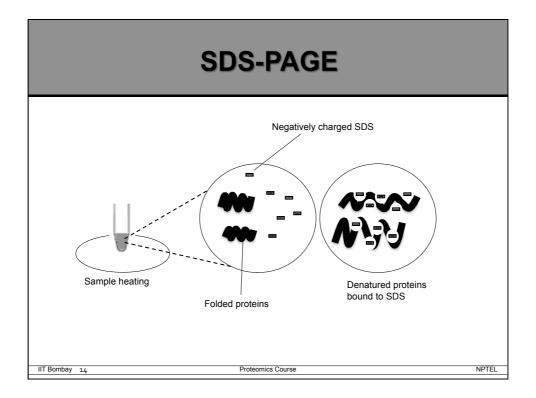




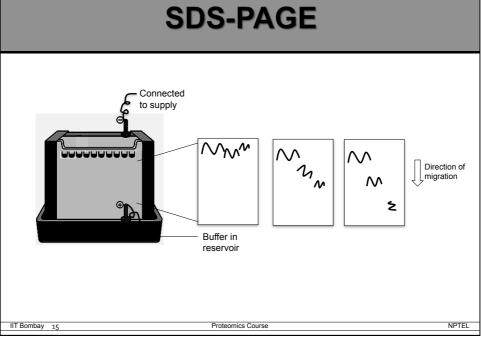








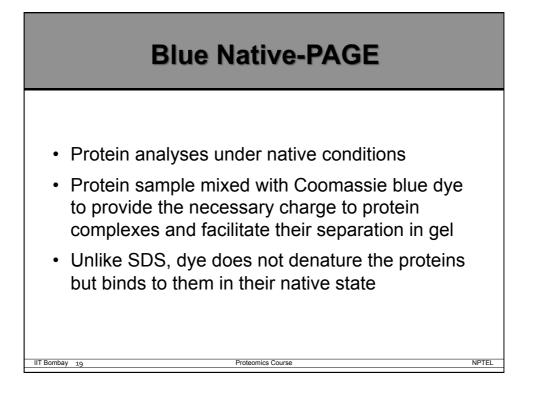
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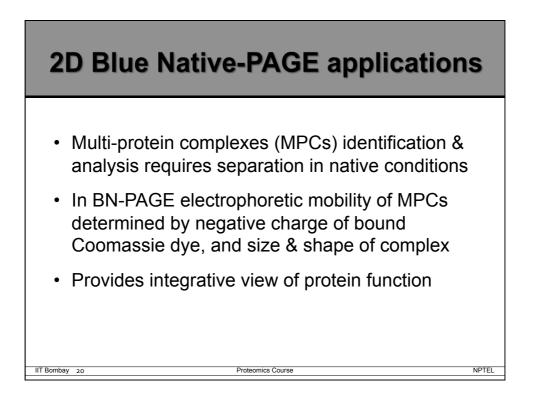


SDS-PAGE				
 SDS-PAGE is commonly used for determination of molecular weight of unknown protein by running protein of interest along with protein markers (or standards) of known molecular weights 				
	Protein	Molecular weight, M (kD)		
	Bovine serum albumin (BSA)	66.4		
	Lysozyme	14.7		
	Pepsin	35		
	Papain	38.9		
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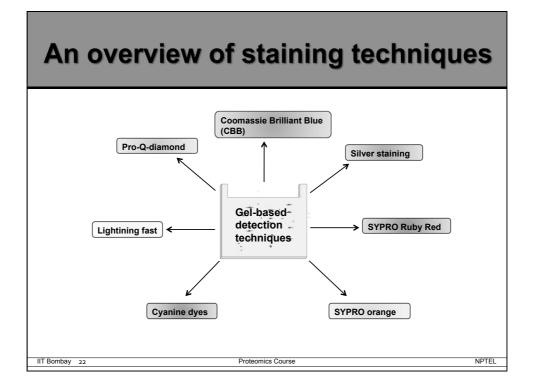


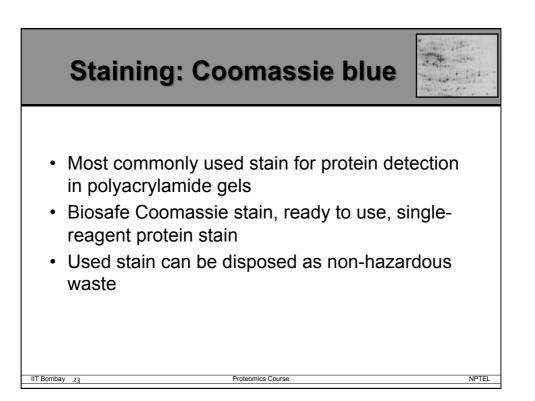


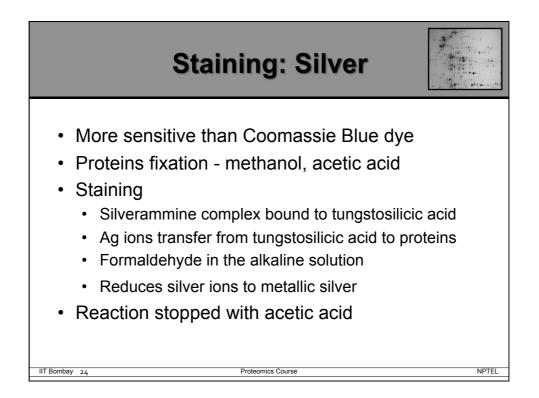












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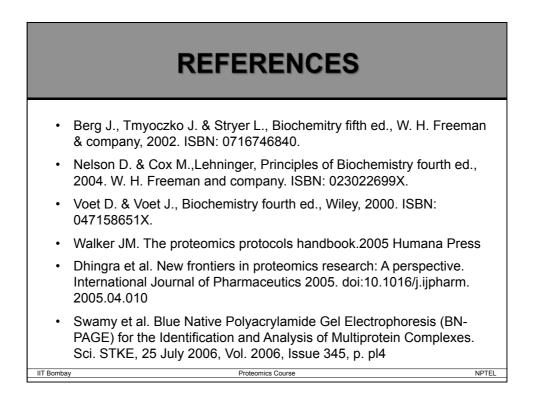
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Summary

- Equilibration
- One dimensional electrophoretic methods
 - SDS-PAGE
 - Native-PAGE
- · Staining methods

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