

SALT FREE DYEING



SFD TECHNOLOGY

Sitra Along with its Industrial Partner **MAK** has synthesized a **"CATIONISING AGENT"** for **"SALT FREE DYEING"** of Cotton Fabric



SOLUTION FOR TEXTILE POLLUTION



MERITS OF GO GREEN SFD

- Stripping and redyeing without salt /Go Green SFD
- Applicable for all regenerated and cellulose materials
- Reuse of chemicals to reduce the use of water, chemicals & TDS
- 10-15 % improvement in depth of shade

SFD TECHNOLOGY	CONVENTIONAL
No salt required	Salt required
No of baths = 9	No of baths = 10
10% saving in dye	Comparitively High
Improved Fastness	Comparitively Low
Low TDS (upto 70% reduction in dye drain)	High TDS
One stage MEE is Sufficient	Three stage MEE
Cost reduction ETP	ETP Cost high

MULTIPLE EFFECT EVAPORATOR (MEE)

