

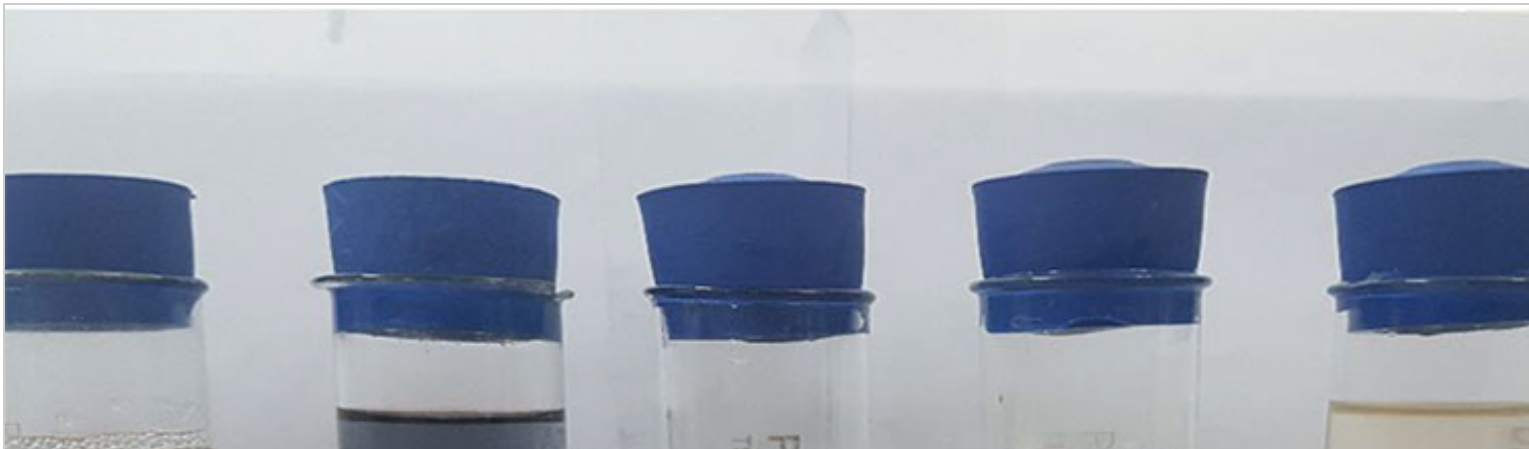


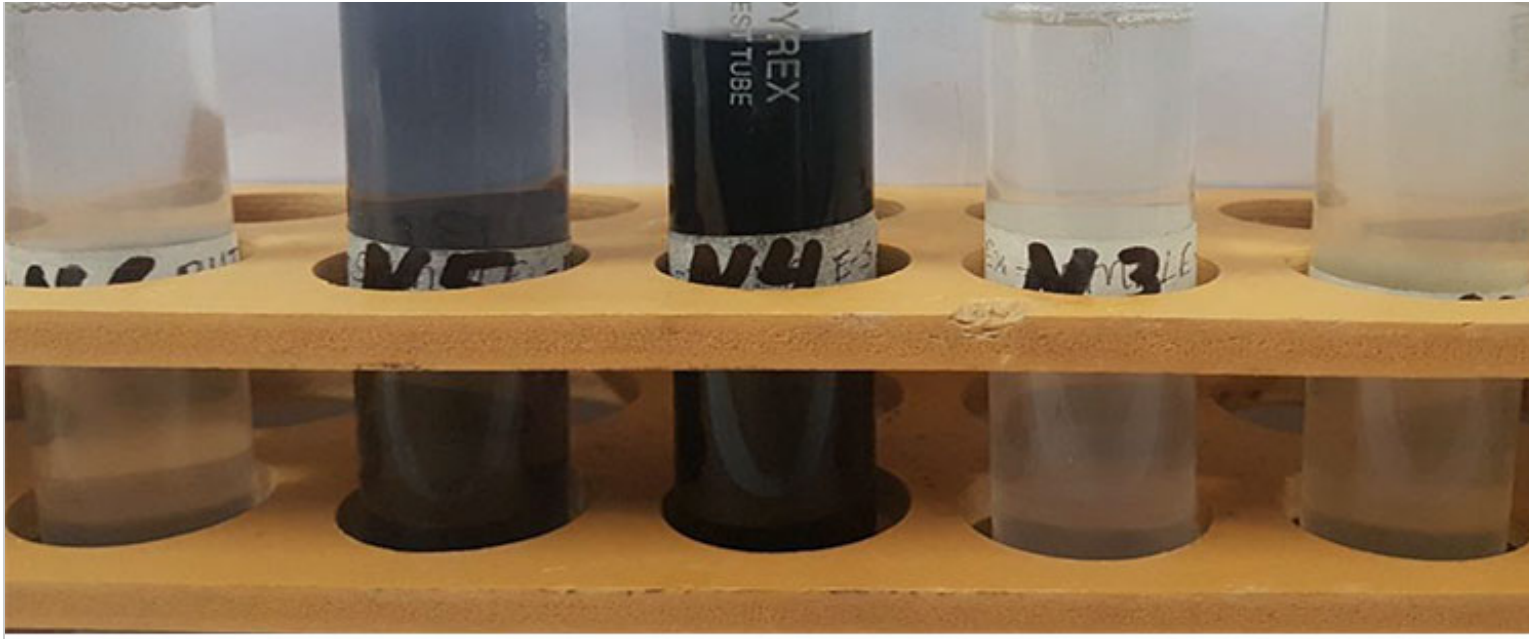
Bangladesh knitter scales up cationic dyeing

Published: 30 May 2019

Written by [John Mowbray \(/john-mowbray.html\)](#)

 [Print \(0\)](#)





Nano-Dye effluent sample 2-6 (Right to Left)

DHAKA – A patent pending, cationic textile dye technology for grieve fabrics, which it’s claimed allows future zero discharge waste water treatment plants to run at acceptable costs – with no salt and minimal total dissolved solids (TDS) – is now up and running with the start-up of two continuous, mass production systems in Bangladesh.

“It has been a long road, but we finally tackled the problems involving cationising greige fabric at a low cost,” says Lon Negrin, President at US-based Nano-Dye, LLC which has been perfecting the technology for the past five years.

“Most importantly, thinking long term, this will make it possible for zero discharge water treatment plants to run at a cost which is extremely digestible,” he told *Ecotextile News*.

“Also, the alleged night-time illegal dumping of water treatment plants will stop due to the reduced cost of running. Effluent can now have minimal solid waste and clean chemistry.”

reduced cost of running. Effluent can now have minimal solid waste and clean chemistry.

The company, which is working with Dhaka-based Esquire Knit Composite will show its new technology at next month's ITMA 2019 as well as reveal details at [the Planet Textiles Summit on sustainability in Barcelona on June 22nd](https://www.eventbrite.co.uk/e/planet-textiles-2019-10th-annual-summit-barcelona-tickets-46925884584) (<https://www.eventbrite.co.uk/e/planet-textiles-2019-10th-annual-summit-barcelona-tickets-46925884584>).

[Log in or subscribe to see this content](#)