

Supplementary File

# Synthesis of High-Performance Aqueous Fluorescent Nanodispersions for Textile Printing—A Study of Influence of Moles Ratio on Fastness Properties

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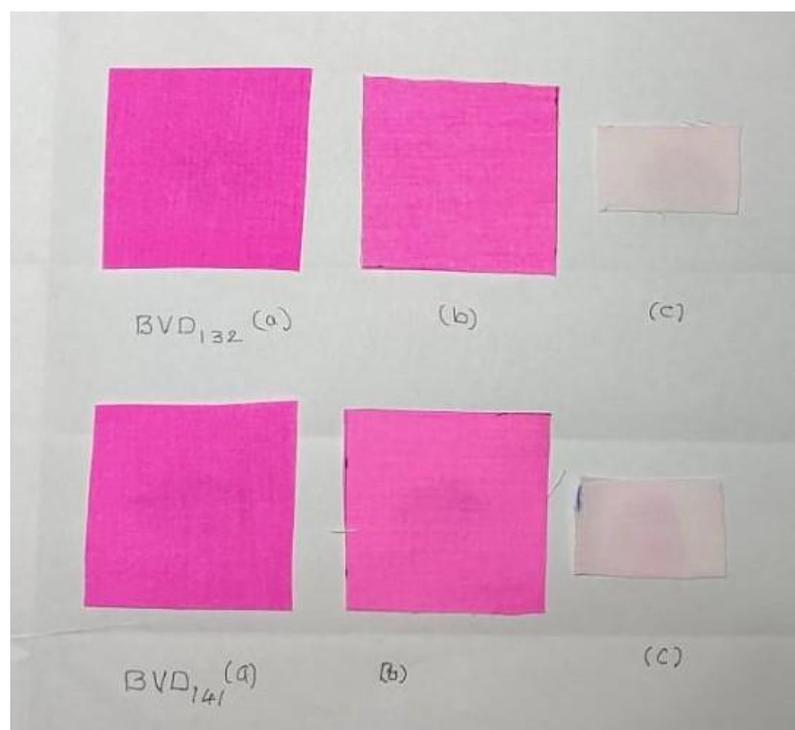
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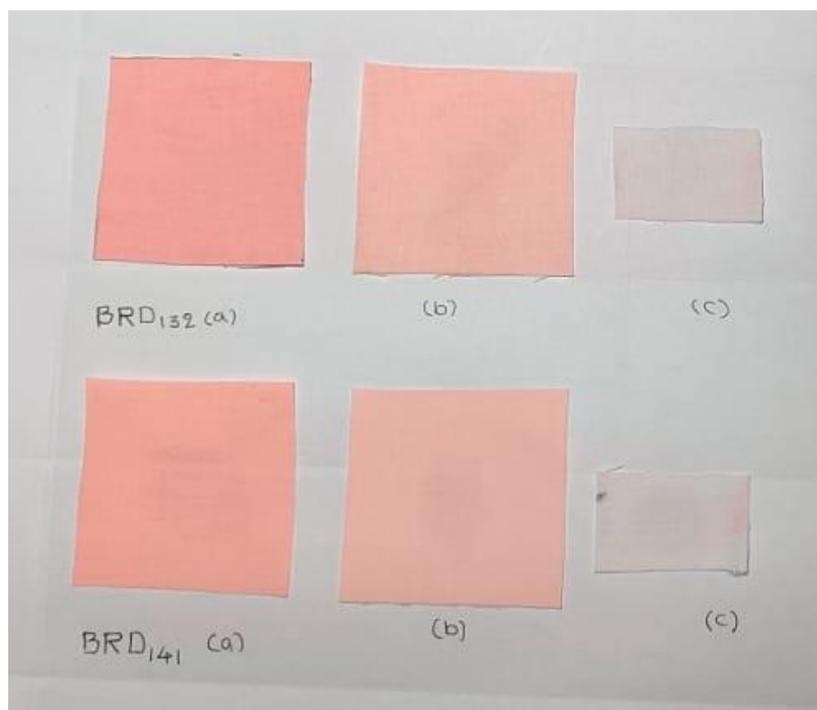
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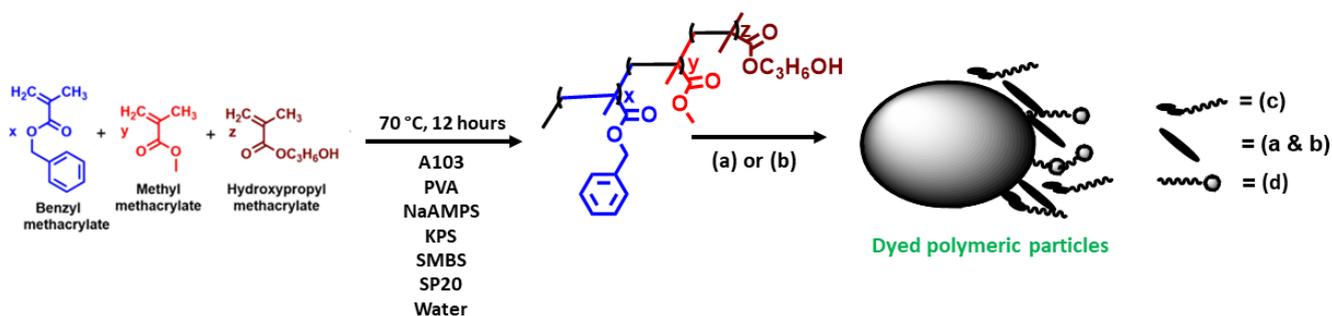
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**Figure S1.** (a) printed fabrics of fluorescent dispersions of BV<sub>132</sub> and BV<sub>141</sub> (b) corresponding wash fastness (c) corresponding colour migration of printed fabrics to unprinted fabrics.



**Figure S2.** (a) printed fabrics of fluorescent dispersions of BRD<sub>132</sub> and BRD<sub>141</sub> (b) corresponding wash fastness (c) corresponding colour migration of printed fabrics to unprinted fabrics.



**Figure S3.** Schematic representation of a series of acrylic nanodispersions were synthesized by varying the moles ratio of benzyl methacrylate (BZMA), methyl methacrylate (MMA), and 2-hydroxypropyl methacrylate (HPMA) monomers. (a) Basic Red 1:1, (b) Basic Violet 11:1, (c) Styrenated phenol ethoxylate, and (d) A103 surfactant.