

OPTICAL COATINGS

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CSIR-Central Glass and Ceramic Research Institute (CSIR-CGCRI) has been pursuing intensive research in the area of 'optical coatings' on glass and related substrates to control the optical performances and other surface functionalities. The well-known wet chemical route 'sol-gel' has been used to deposit such coatings. Among various types of coatings, reflective and antireflective (AR) coatings, optical quality scratch-resistant coatings, hydrophobic, colour, non-linear optical and fluorescent coatings are noteworthy. In this article, a brief overview of these coatings have been discussed with some representative examples.
