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## Temperature measurements of C-NiO sol-gel composite films using a negative temperature coefficient (NTC) thermistor

Sol-gel technique was used for fabrication of C-NiO coatings. These coatings are used as selective solar absorbers for solar water heating purposes. A home-test facility was built to test the absorption efficiency of C-NiO coatings, and performances of these coatings were compared to black-paint coating and a non-coated aluminium plate.

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