

McMaster university (Canada) researchers developed flexible solar cell technology

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In the pursuit of a clean and an affordable power source, Prof. Adrian Kitai's group at **McMaster University**

, Canada has developed a flexible solar cell technology which has the ability to bend the solar cells to fit the curved roof of a bus shelter

. In fact, a prototype for the bus shelter is located on the west side of University avenue between John Hodgins Engineering building and the Life Science Building in Toronto.

The flexibility comes from tiling a large number of small silicon elements into an array, and mounting them onto a flexible plastic sheet while connecting them via a proprietary method. Each strip has 720 one centimeter square solar cells and generates upto 4.5 Watts of power.

More info available @ www.eng.mcmaster.ca/news/feature.html