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# THE CHARACTERISTICS OF IGZO/ZnO/Cu<sub>2</sub>O:Na THIN FILM SOLAR CELLS FABRICATED BY DC MAGNETRON SPUTTERING METHOD

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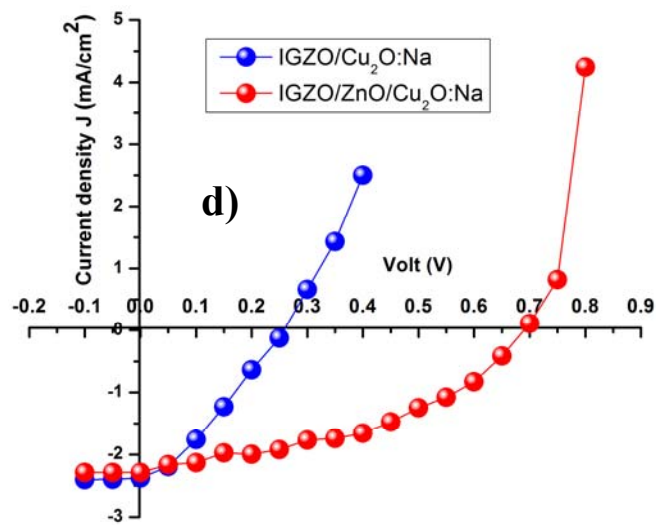
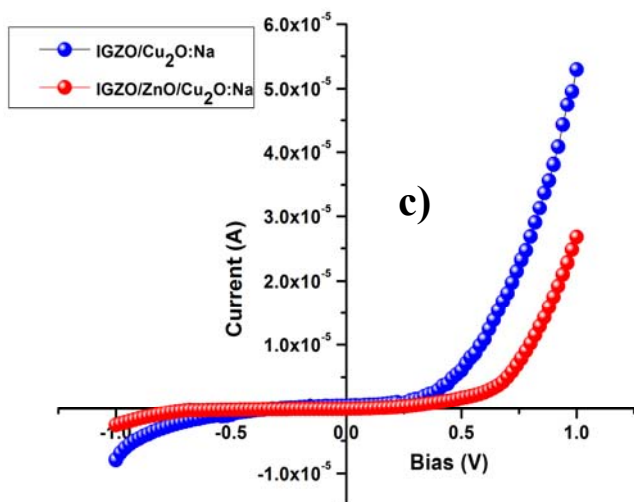
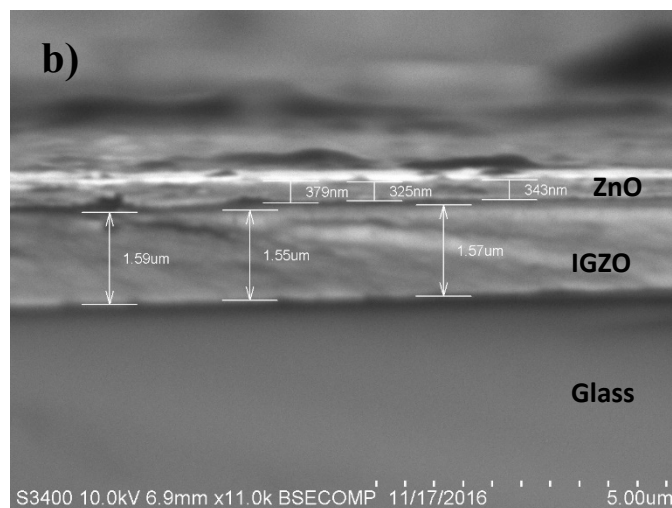
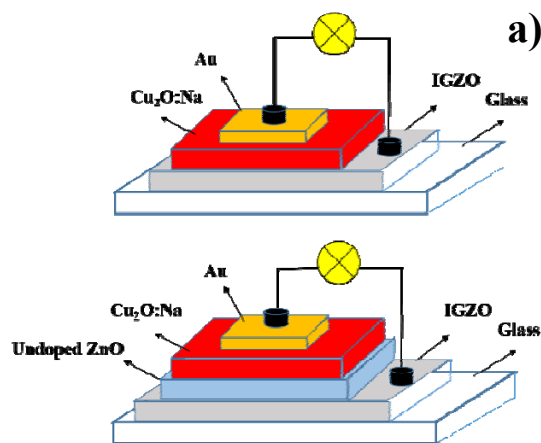
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## Graphical Abstract



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