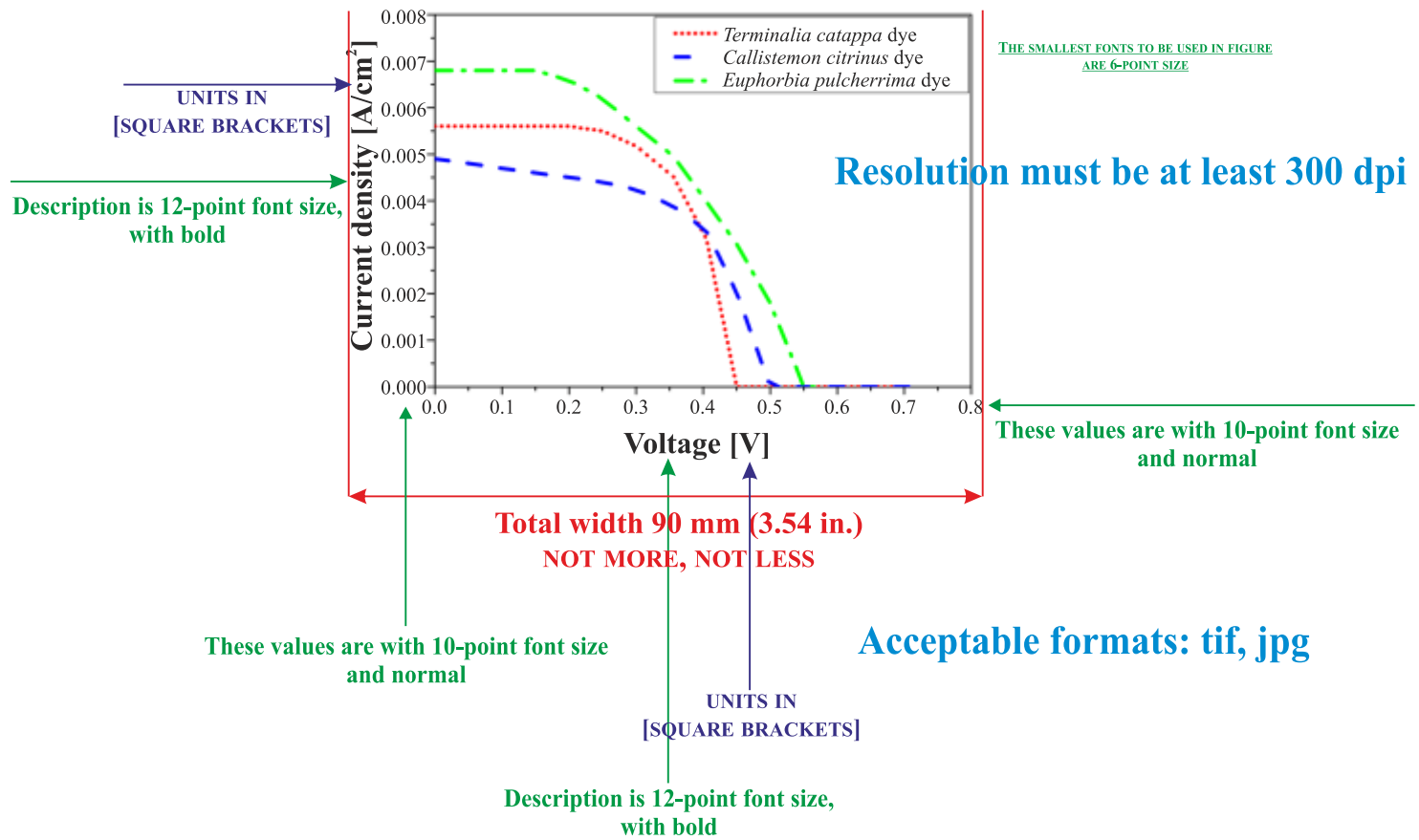
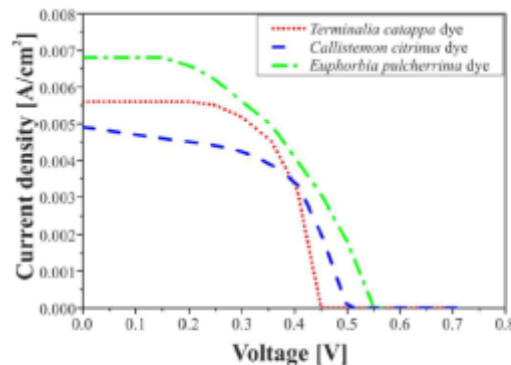


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Fig. 6. J-V characteristics of biosynthesized ZnO based solar cells sensitized by natural dyes extracted from (a) flowers of *Callistemon citrinus*, (b) fruits of *Terminalia catappa*, and (c) leaves of *Euphorbia pulcherrima*.

nanoparticles have some organic compounds attached to their surface which bind the dye to the surface. The results show that the biosynthesized nanoparticles could improve the efficiency of dye sensitized solar cells, when sensitized with natural dyes.

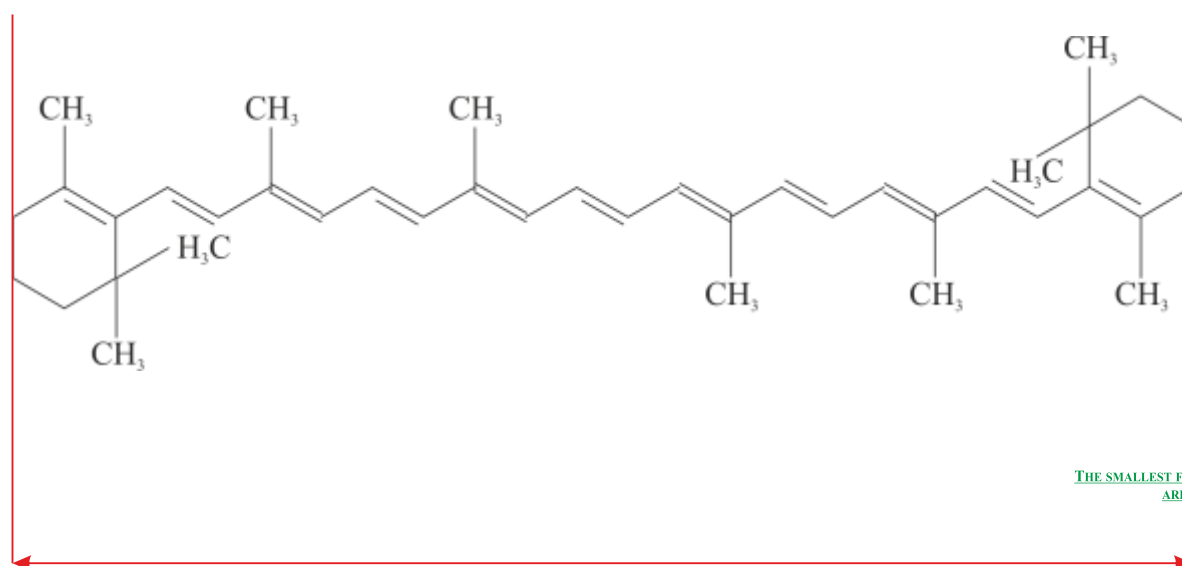
photoelectrodes for dye sensitized solar cell application. ZnO photoelectrodes were sensitized using natural dyes extracted from fruits of *Terminalia catappa*, flowers of *Callistemon citrinus* and leaves of *Euphorbia pulcherrima*. The solar cell fabricated using ZnO sensitized with *Euphorbia pulcherrima* exhibited the best efficiency of 1.66 %.

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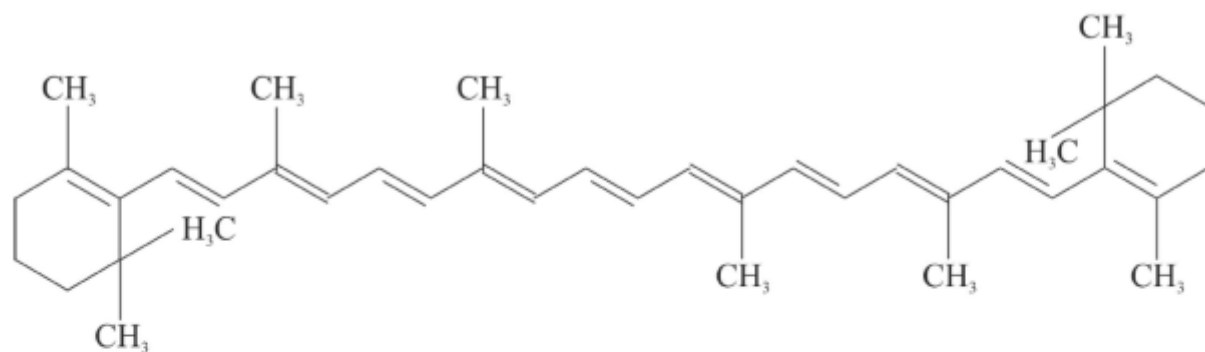
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(c)

Fig. 5. Chemical structure of (a) cyanidin-3,5-diglucoside (b) germanicol (c) β -carotene.

Figure's caption is under figure in appropriate location in the text

(7.25 mg) as the major constituents [42]. The chemical structure of β -carotene is shown in Fig. 5c. The improvement in light absorption of the sensitized photoelectrode is mainly due to the presence of β -carotene in the dye [43].

pulcherrima have a power conversion efficiency of 1.66 % followed by the ZnO photoelectrode sensitized by *Terminalia catappa* fruit extracts with an efficiency of 1.63 %. The conversion efficiency of *Callistemon citrinus* flower extract sensitized

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EXAMPLE 1

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What is this?



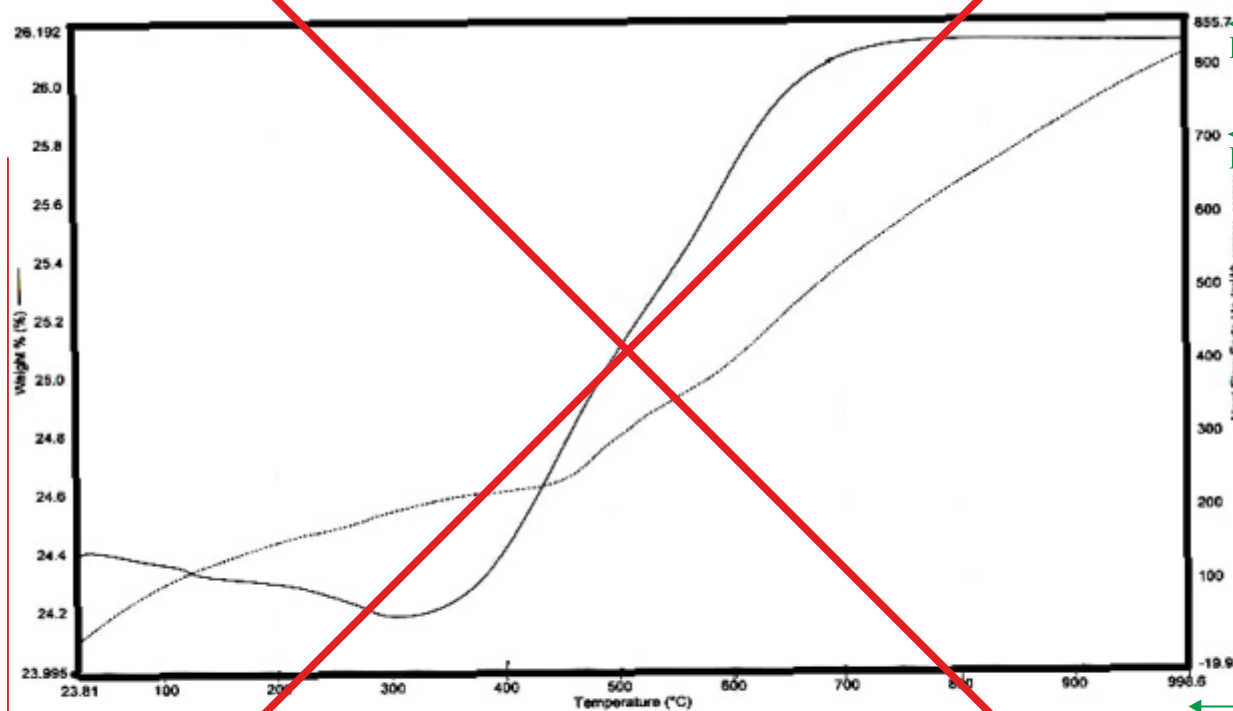
Although resolution is 300 dpi figure's quality is VERY POOR

Graph's quality is VERY POOR

Description font is far too small

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EXAMPLE 2



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Description font is far too small

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Almost illegible

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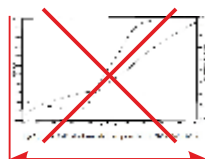
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Fig 4(c). TGA-DTA of uncalcined powder of NiO-YSZ, G-1.2

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TOTALLY ILLEGIBLE
CAN ANYONE READ THIS?