

intake of these bioactive compounds provides protection against several non-communicable diseases like cancer, cataract and cardiovascular diseases (Imran *et al.*, 2011). The extracts of *R. vesicarius* are widely employed for the antioxidant and antibacterial assay and the results reveal their potentiality in these two aspects hence the extracts can be used as therapeutic antibacterial agent as well (Laouini and Ouahrani *et al.*, 2017).

IV. CONCLUSION

The result obtained from the study indicates the solvent dependency of the phytochemical compounds as the kinds of bioactive compounds varied in different solvent for the same extract. The study shows that methanol and ethanol are better solvents for the extraction of the bioactive compound from *Terminalia catappa* and *Rumex vesicarius* as maximum numbers of bioactive compounds were present in these extracts for both the sample. The presence of these bioactive compounds in the extract implies the medicinal properties of the extracts. The bioactive compounds impart some unique and effective biological activity to the extract and hence make them potent medicinal agents. The presence of essential bioactive compounds in these extracts makes them the centre of research for their medicinal behaviour.

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