



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_45189
Title of the Manuscript:	EXTRACTS OF AGERATUM CONYZOIDES L. PROTECTS AGAINST CARBON TETRACHLORIDE – INDUCED TOXICITY IN RATS THROUGH INHIBITING OXIDATIVE STRESS
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
- Thirupathi Gorre et al (2011) have ready research the same field with the authors. Therefore, the authors need to add Thirupathi Gorre work in reference and compare the authors results with Thirupathi Gorre work. Thirupathi Gorre et al (2011) Hepatoprotective effect of Ageratum conyzoides L. against carbon tetrachloride intoxicated rat. International Journal of Pharmacology and Toxicology, 1(1): 21-26. - Use the different letters or symbols to show the significant difference between groups of samples instead of only one <i>p</i> value for all groups of samples in Table 2 and Table 3.	Thirupathi Gorre et al (2011) research investigated the hepatoprotective activity and acute oral toxicity of methanolic extract of aerial parts of <i>Ageratum conyzoides</i> in male Wistar albino rats by using CCl₄ induced hepatotoxicity while my current research (author) aimed at investigating the hepatoprotective and nephroprotective activities of 50% hydroethanolic leave extracts of the <i>Ageratum conyzoides</i> and fractions on carbon tetrachloride. Both extracts (methanolic and 50% hydroethanolic) in the respective experiment proved the potent of <i>Ageratum conyzoides</i> against oxidative stress (CCl₄) by assessing the various biochemical parameters like SGOT, SGPT, ALP, γ-GT, TP and total bilirubin along with histopathological studies, however my research (author) further observed the increased antioxidant enzymes SOD, CAT and GSH levels and a significant decrease in MDA and MPO level. My current research confirms Thirupathi Gorre et al (2011) work which suggests that A. conyzoides crude extract possesses remarkable hepatoprotective properties and this could be attributed to the inhibitory effect on oxidative stress. . Noted and corrected in the manuscript