

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_128233
Title of the Manuscript:	Application of SEM and XRD in the microstructure analysis of fiber-reinforced concrete corroded by salt solution
Type of the Article	Opinion Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Paper cover points about The corrosion characteristics and mechanisms were analyzed from macroscopic experiments such as corrosion results, relative dynamic elastic modulus, and mass loss rate; Then, SEM and XRD were used to further demonstrate and explain the corrosion mechanism from a microscopic perspective. The conclusion drawn from the analysis is that the corrosion products are ettringite and gypsum, and the change in specimen performance .	
Is the title of the article suitable? (If not please suggest an alternative title)	YES	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	YES	
Is the manuscript scientifically, correct? Please write here.	YES	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	You Can add following references [1] A. N. Patil, B. G. Birajdar, B. M. Dawari, " Influence of Corrosion on Flexural Strength of Concrete" STM Journal. ISSN: 2393-8773 Volume 4, Issue 1, 2017.PP:35-42. [2] A. N. Patil, B. G. Birajdar, H. K. Erande, "Study of influence of Corrosion and Cracking on Bond Behavior of Reinforced Concrete Member" STM Journal, ISSN: 2393-8773 Volume 4, Issue 2, 2017, PP: 58- 67.	
Is the language/English quality of the article suitable for scholarly communications?	YES	
<u>Optional/General</u> comments		

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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