

**Electronic Supplementary Information**

**Ag/AgCl@MIL-88A(Fe) Heterojunction Ternary Composite:  
Towards the Photocatalytic Degradation of Organic  
Pollutants**

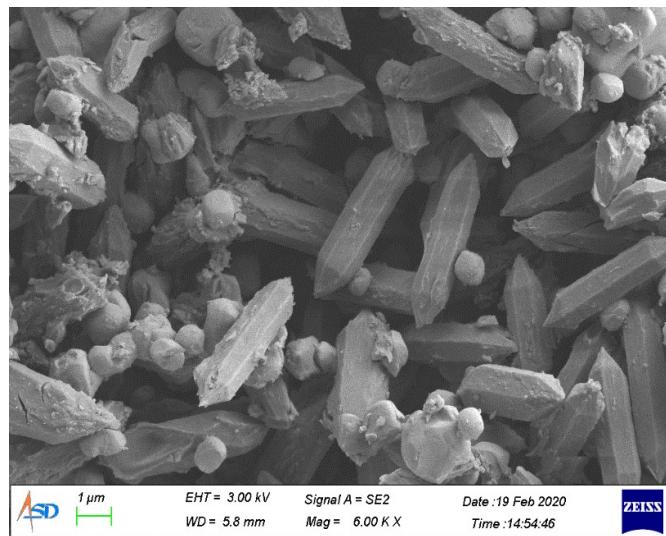
Vandana P. V,<sup>a</sup> Divya K. S,<sup>a</sup> Deepak P. Dubal,<sup>c</sup> Nayarassery N. Adarsh,<sup>\*a</sup> and Suresh Mathew<sup>\*a,b</sup>

<sup>a</sup>School of Chemical Sciences, Mahatma Gandhi University, Kottayam, 686560, Kerala, India.

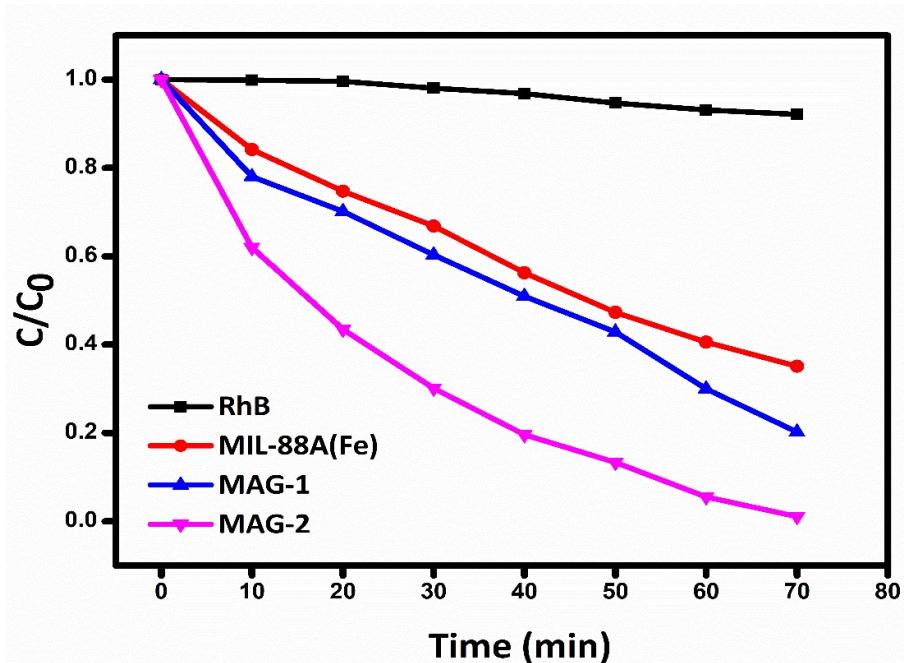
<sup>b</sup>Advanced Molecular Materials Research Centre (AMMRC), Mahatma Gandhi University, Kottayam, 686560, Kerala, India.

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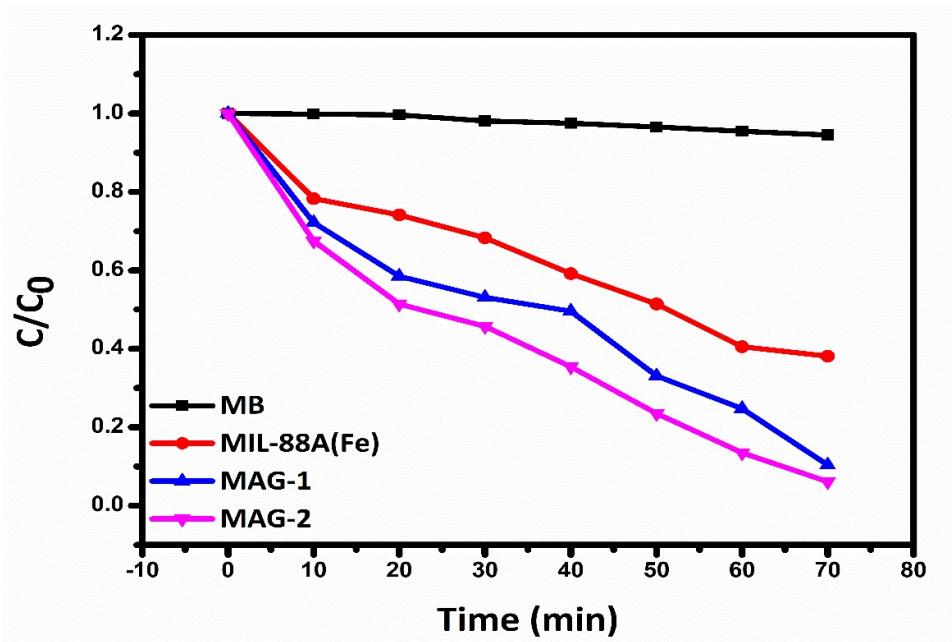
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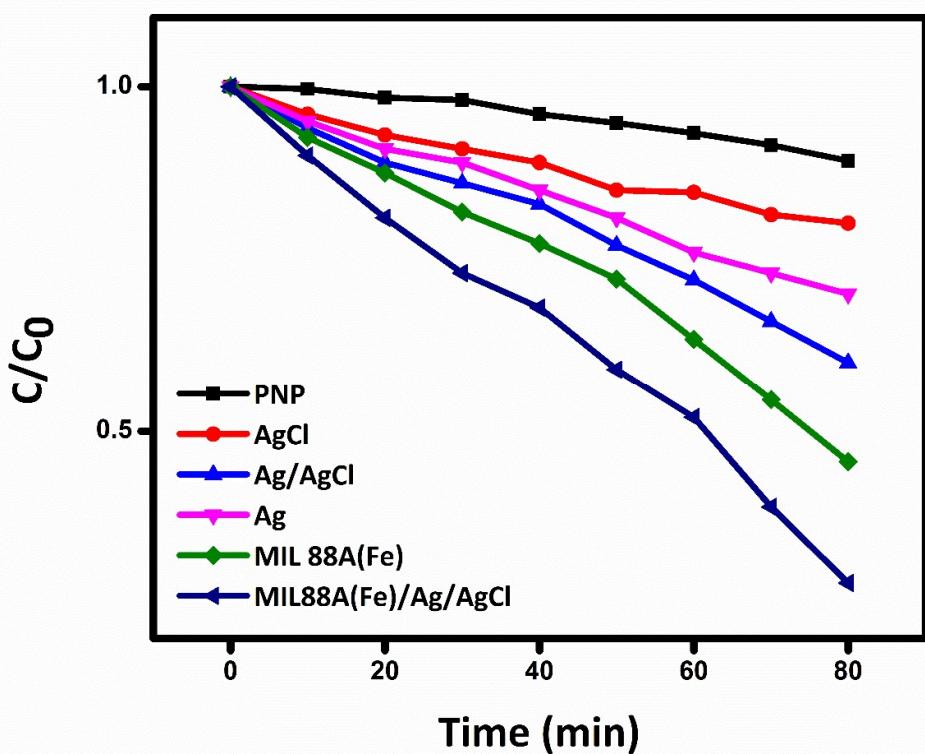
**Figure S1.** FESEM image of MAG-2.



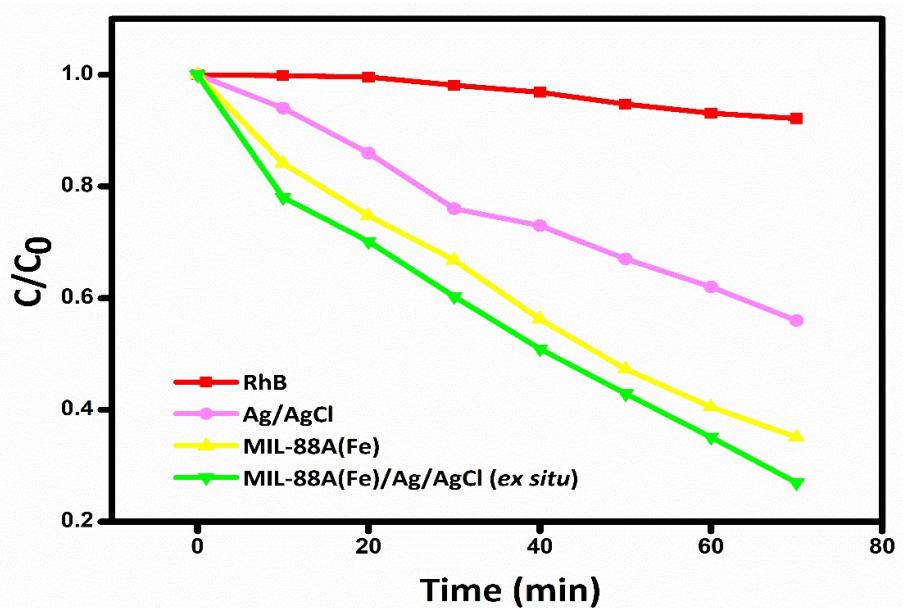
**Figure S2.** Photocatalytic degradation curves of RhB using MIL-88A(Fe), MAG-1, MAG-2.



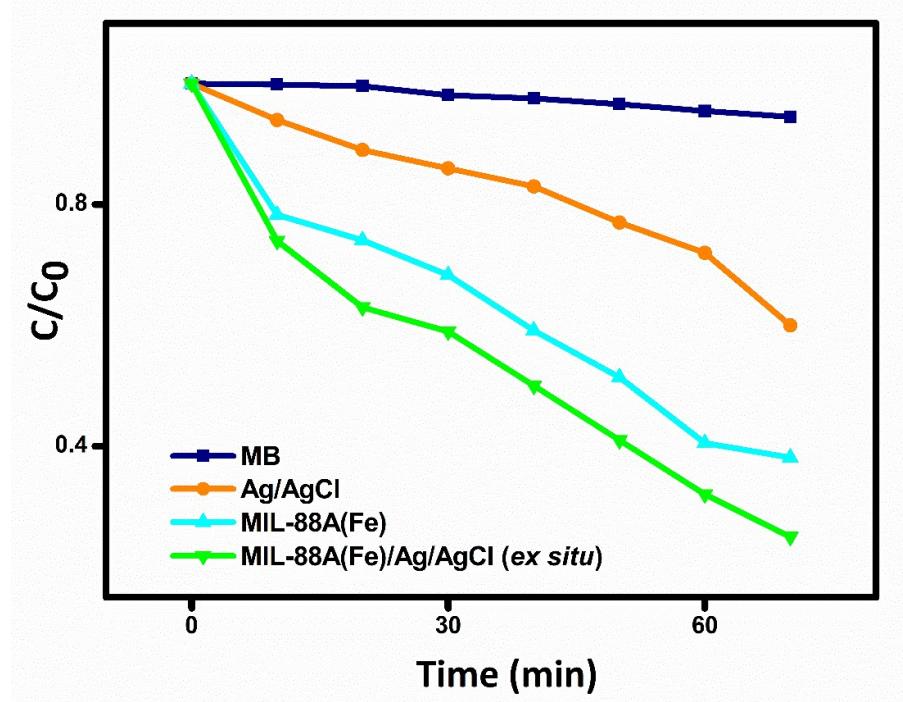
**Figure S3.** Photocatalytic degradation curves of MB using MIL-88A(Fe), MAG-1, MAG-2.



**Figure S4.** Photocatalytic degradation curves of PNP using Ag/AgCl, MIL-88A(Fe) and MIL-88A(Fe)/Ag/AgCl (*ex-situ*).



**Figure S5.** Photocatalytic degradation curves of RhB using Ag/AgCl, MIL-88A(Fe) and MIL-88A(Fe)/Ag/AgCl (*ex-situ*).



**Figure S6.** Photocatalytic degradation curves of MB using Ag/AgCl, MIL-88A(Fe) and MIL-88A(Fe)/Ag/AgCl (*ex-situ*).

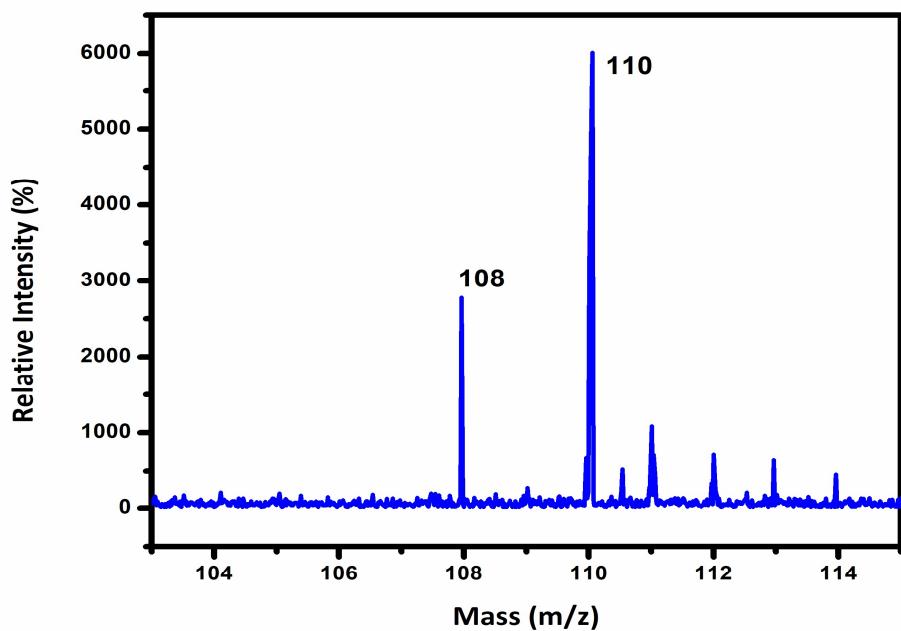


Figure S7. Mass spectrum of Para-nitrophenol after degradation.

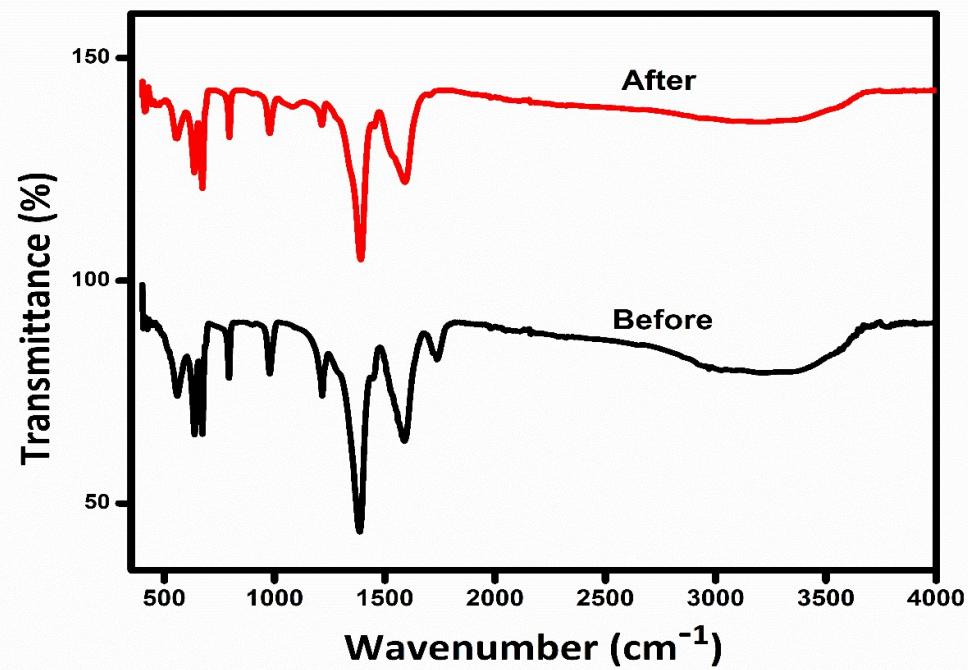
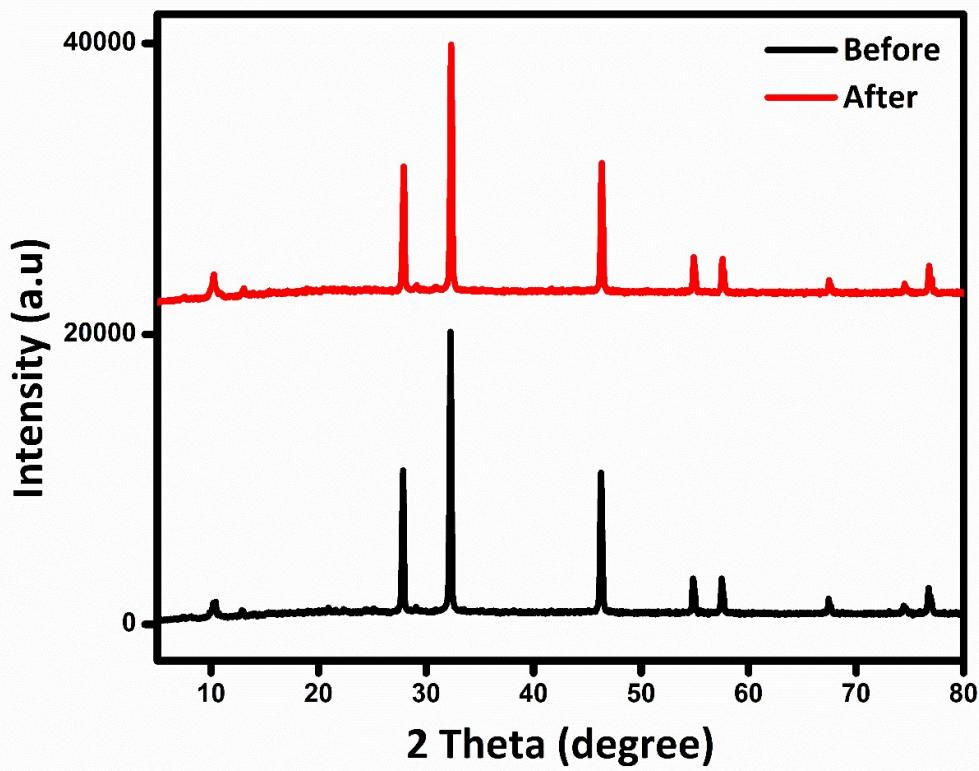


Figure S8. The FT-IR spectra comparison plot of MAG-2 before and after photocatalysis.



**Figure S9.** The PXRD patterns of MAG-2 before and after photocatalysis.