

EFFECT OF ALUMINA ON GO AND KIT-6 SUPPORT FOR ACETYLATION OF GLYCEROL

S. Kanimozhi^a, V.Ramani^b and A. Pandurangan^{a*}

Supplementary

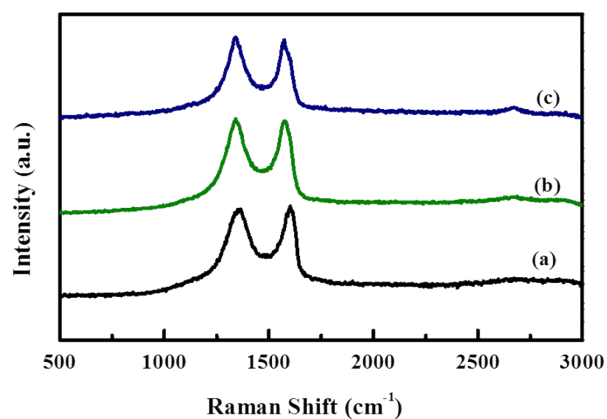


Figure S1 Raman spectra of (a) 3% Al/GO (b) 5% Al/GO and (c) 9% Al/GO.

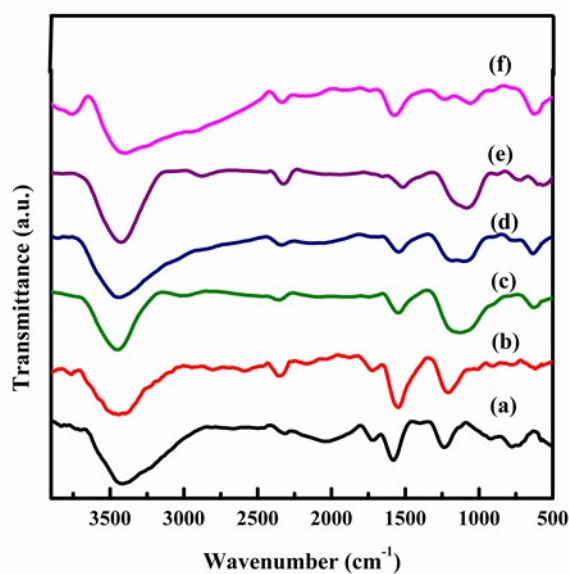


Figure S2 FT-IR spectra of (a) GO (b) 1% Al/GO (c) 3% Al/GO (d) 5% Al/GO
(e) 7% Al/GO and (f) 9% Al/GO

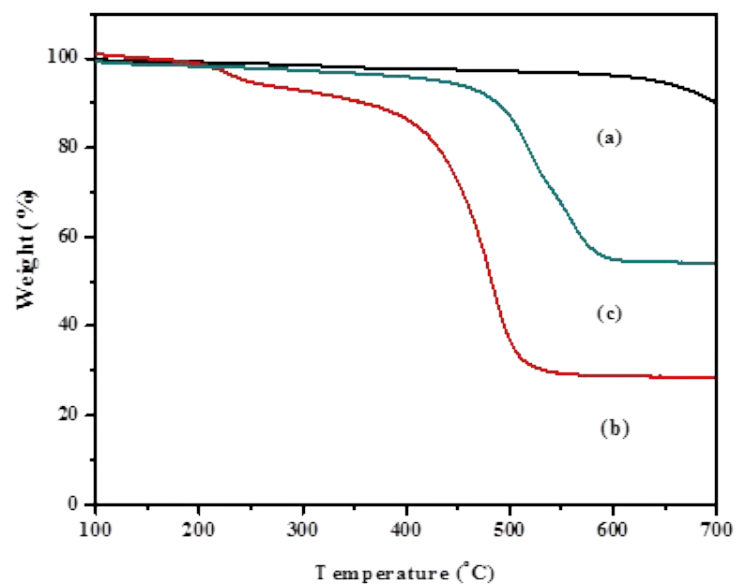


Figure S3 TG curves of (a) Graphite (b) GO and (c) 7% Al/GO

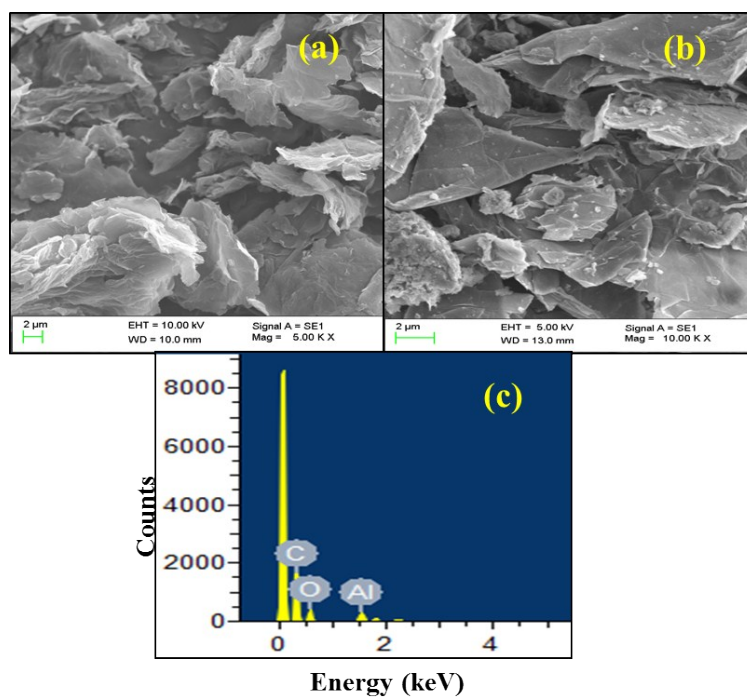


Figure S4 SEM images of (a) GO (b) 7% Al/GO and EDS images of (c) 7% Al/GO

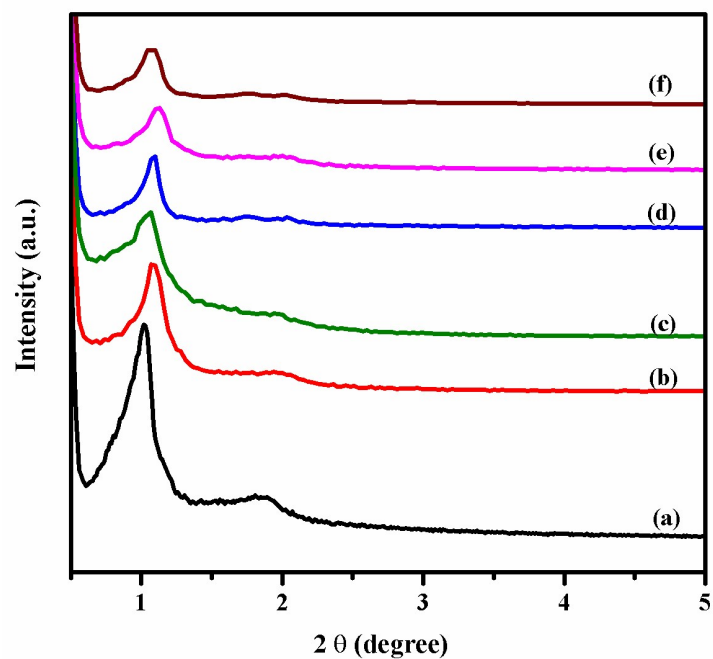


Figure S5 Low angle XRD patterns of (a) KIT-6 (b) 1% Al/KIT-6, (c) 3% Al/KIT-6 (d) 5%Al/KIT-6 (e) 7% Al/KIT-6 and (f) 9% Al/KIT-6.

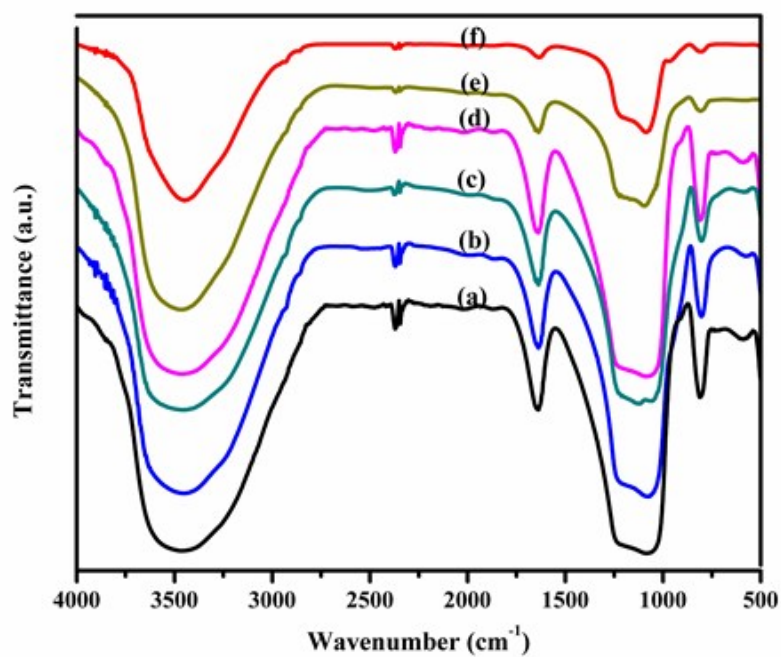


Figure S6FT-IR spectra of (a) KIT-6, (b) 1% Al/ KIT-6 (c) 3% Al/ KIT-6 (d) 5% Al/ KIT-6 (e) 7% Al/ KIT-6 and (f) 9% Al/ KIT-6

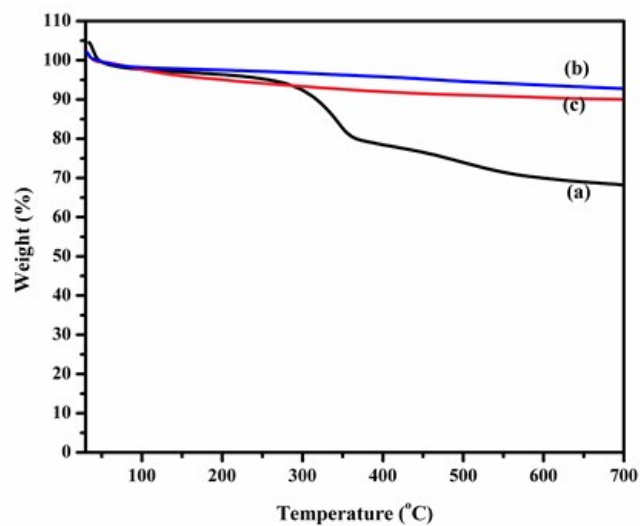


Figure S7 TGA curves of (a) As-synthesised KIT-6, (b) Calcined KIT-6 and (c) 7% Al/KIT-6.

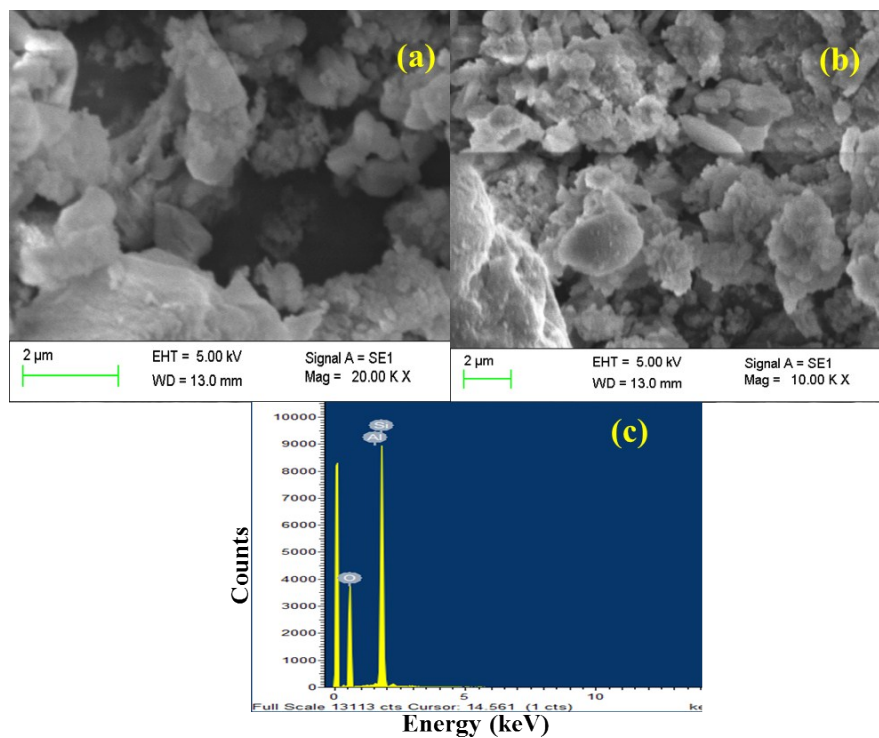


Figure S8 SEM images of (a) KIT-6, (b) 7% Al/KIT-6 and (c) EDS image of 7% Al/KIT-6