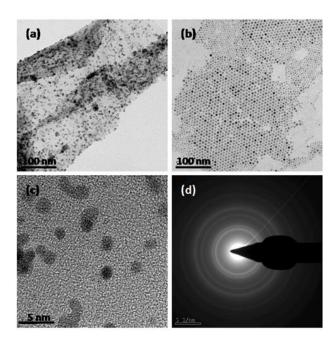
## Supplimentary data

## 3-Dimensionally Self-Assembled Single Crystalline Platinum Nanostructure on Few-layer Graphene as an Efficient Oxygen Reduction Electrocatalyst

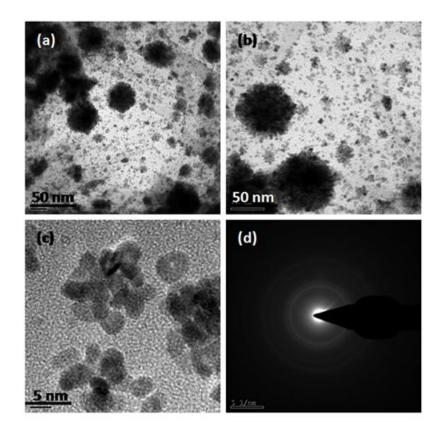
Sreekuttan M<br/> Unni  $^1,$  Vijayamohanan K. Pillai  $^2$  and Sreekumar Kurungo<br/>t  $^{1}\ast$ 

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**Figure S1**. (a and c) HR-TEM images of the Pt nanoparticles supported on graphene 10 h after the commencement of the reaction taken at different magnifications, (b) TEM images of the Pt nanoparticles formed in the solution phase during the reduction process, (d) selected area electron diffraction (SAED) of the nanoparticles supported on graphene sampled after 8 h.



**Figure S2**. (a-c) HR-TEM images of the PtNAGE supported on graphene 35 h after the commencement of the reaction taken at different magnifications, (d) SAED of PtNAGE supported on graphene sampled after 35 h.

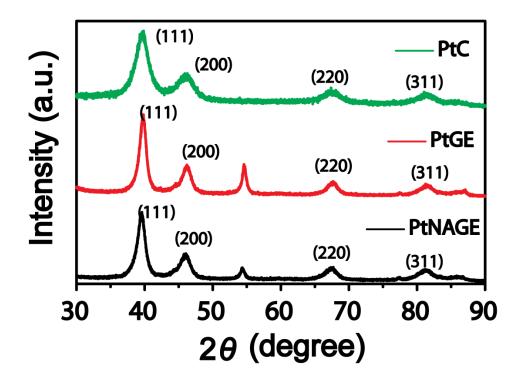


Figure S3. X-ray diffraction pattern of the PtNAGE, PtGE and PtC.