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Non-inversion anisotropy energy in NiO coral structure: asymmetric hysteresis loop at room temperature

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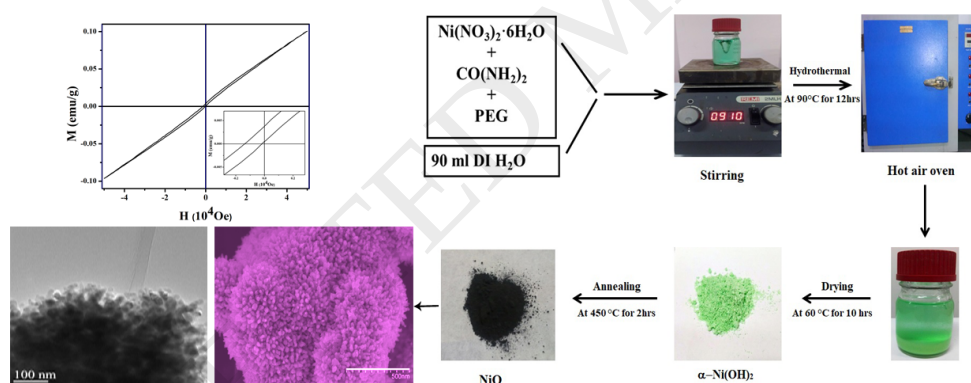
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Graphical abstract



Highlights

- Coral –like NiO microstructure is synthesized by a facile hydrothermal method.
- Porosity ($\sim 37\%$) and high concentration of cationic vacancies at the surfaces of the nanostructure
- Spin – glass behaviour.
- Asymmetric hysteresis loop due to anisotropic energy barrier.

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