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7.	Brief account of your research interests with special focus on Nano Science and Technology (strictly within 300 words): We synthesized nano magnetic materials by using different novel chemical methods like microwave hydrothermal synthesis and chemical combustion methods at optimized conditions. As this methods need less instruments when compared to other nano materials synthesis methods. This wet chemical methods are echo friendly. By changing different conditions like temperature, different fuels, fuel to oxidizer ratio, one can toiler the properties of nano magnetic

	materials. These materials were characterized with XRD for structural studies, TG-DTA for thermal analysis, Raman ,UV,FT-IR for optical studies, SEM ant TEM for morphological studies.
8.	<p>Keywords related to your research interests (maximum 10, different lines separated by commas)</p> <p>characterization of nano materials , Fabrication of thin films and characterization, Chemical Synthesis nano particles, Biomedical Applications nano materials, CMOS technology</p>