



جامعة جازان
JAZAN UNIVERSITY



SEMINAR ANNOUNCEMENT

“Research Work Submitted in Partial Fulfillment of Requirements for Professor Degree in Engineering Physics”

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In this presentation the speaker tries to summarize the papers which are submitted as partial requirements for professor degree. The presentation starts with brief C.V. for speaker to declare the field of research. The work contains papers on both bulk and nanomaterials in addition to the nano-composites and nano-fibers materials. It shows also the composition and temperature dependence for many different physical properties as magnetic, electric, mechanical, dielectric, optical and thermal properties for the investigated samples. In this work many preparation methods was used to get on the required samples as standard ceramic technique, co-precipitation method, conventional glass method and electrospun technique. Many characterizing tools are used for investigating the samples such as x-ray diffraction (XRD), scanning electron microscope (SEM), transmission electron microscope (TEM), infrared spectroscopy (FTIR), vibrating sample magnetometer (VSM), and differential scanning calorimetry (DSC). Promising results was obtained for different application.