



Department of Physics  
Publications Details (2019-20)

Sl No	Name	Journal	Conference	Book Chapter	Title	Total
1	Dr. Vijaylakshmi Dayal Includes Author's name under my Guidance*: Ajay Kumar Saw (AKS), GaneshaChannagoudra (GC), Sushmitha P Rao (GC)	3	3		<ol style="list-style-type: none"><li>1. Study of magnetotransport and low temperature anomaly in half doped lanthanum calcium manganite nanoparticle. <a href="https://aip.scitation.org/doi/abs/10.1063/1.5113276">https://aip.scitation.org/doi/abs/10.1063/1.5113276</a></li><li>2. Study of transport, magnetic and magnetocaloric properties in Sr<sup>2+</sup> substituted praseodymium manganite. <a href="https://iopscience.iop.org/article/10.1088/2053-1591/ab636d/meta">https://iopscience.iop.org/article/10.1088/2053-1591/ab636d/meta</a></li><li>3. Low temperature spin polarized tunneling magnetoresistance in La<sub>1-x</sub>Ca<sub>x</sub>MnO<sub>3</sub>(x= 0.375 and 0.625) nanoparticles. <a href="https://link.springer.com/article/10.1007/s42247-019-00067-z">https://link.springer.com/article/10.1007/s42247-019-00067-z</a></li><li>4. Magnetic phase transition, magnetocaloric and magnetotransport properties in Pr<sub>0.55</sub>Sr<sub>0.45</sub>MnO<sub>3</sub> perovskite manganite. <a href="https://www.sciencedirect.com/science/article/pii/S2214785320334209">https://www.sciencedirect.com/science/article/pii/S2214785320334209</a></li></ol>	6



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					<p>5. Significant Enhancement of Magnetization in <math>0.67\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3</math>-<math>0.33\text{PbTiO}_3/\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_3</math> Heterostructure. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0040609020303424">https://www.sciencedirect.com/science/article/abs/pii/S0040609020303424</a></p> <p>6. Investigation of Electronic and Magneto - Transport Properties in Nd doped <math>\text{Pr}_{0.67}\text{Sr}_{0.33}\text{MnO}_3</math> Perovskite Manganite. <a href="#">Accepted (Manuscript is in Press)</a></p>	
<b>Total</b>		3*	3*			6*

MOU's2019-20