List of Publications during Ph.D. period

[1] "Structural and electrical characterizations of cerium (Ce^{3+}) doped double perovskite system $Sr_2NiMoO_{6-\delta}$" **Pravin Kumar**, Nitish Kumar Singh and Prabhakar Singh*, Applied Physics A (2016) 122:828.

[2] "Effect of lanthanum (La^{3+}) doping on structural and the electrical properties of double perovskite Sr_2NiMoO_6**"** **Pravin Kumar**, Nitish Kumar Singh, Govind Gupta and Prabhakar Singh* RSC Adv., 6 (2016) 22094–22102.

[3] "Influence of Ni/Mo ratio on structural and electrical properties of double perovskite system $Sr_2Ni_{1+x}Mo_{1-x}O_{6-\delta}$**"** **Pravin Kumar**, Nitish Kumar Singh and Prabhakar Singh*, Applied Physics A (2015) 121:635–644.

[4] "Effect of isovalent ion substitution on electrical and dielectric properties of $LaCrO_3$**"** **Pravin Kumar,** Rajesh Kumar Singh, A.S.K. Sinha, Prabhakar Singh, Journal of Alloys and Compounds 576, 154–160 (2013).

[5] "Structural and electrical behavior of double peroveskite material $Sr_2NiMoO_{6-\delta}$**"** **Pravin Kumar,** Rajesh Kumar Singh[1]and Prabhakar Singh[1]*, Advanced Science Letters,Vol. 20, 647–649, 2014.

[6] "Structural and Electrical Characterizations of Lanthanum Chromite: Effect of Synthesis Routes**"** **Pravin Kumar**, Rajesh Kumar Singh and Prabhakar Singh Trans. Ind. Ceram. Soc., vol. 71, no. 4, pp. 239-242 (2013).

[7] "Influence of Grain and Grain-Boundary Resistances on Dielectric Properties of $KNbO_3$ Under Small DC Bias Field**"** S.U. Sharath, Rajesh Kumar Singh, Raghvendra Pandey, Bheeshma Pratap Singh, **Pravin Kumar**, and Prabhakar Singh J. Am. Ceram. Soc., 1–6 (2013).

[8] "Effect of samarium (Sm^{3+}) doping on the structural and the electrical conductivity of double perovskite Sr_2NiMoO_6 as anode system for SOFC**"** **Pravin Kumar**, Viviani Massimo and Prabhakar Singh* (communicated)