Speaker of Session Mechanics of composite materials

TEMPERATURE DEPENDENT DC RESISTIVITY AND FREQUENCY DEPENDENT AC CONDUCTIVITY OF $NIFE_2O_4$ + $BAZR_{0.2}TI_{0.8}O_3$ PARTICULATE COMPOSITES

I am Dr. Pradeep Chavan secured first class at M.Sc. from Dept. of Physics, Karnatak University Dharwad, India in the year 2012. After completion of M.Sc degree, I am joined for research (Ph.D) in Dept. of Physics, Karnatak University Dharwad under the guidance of Dr. L R Naik, on the topic entitled "Multiferroic Properties of Some ME composites" during the year 2013. Thrust areas of research include materials science and nanotechnology. During the Ph.D course, I am awarded Junior Research Fellow under UGC UPE fellowship, Junior Research Fellow under UGC-RGNF fellowship-2016 and also honoured with YOUNG SCIENTIST AWARD-2016 through 12th Karnataka Science Congress organized by Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar, Karnataka. I am published ten research articles in reputed peer reviewed journals and presented several research articles in national and international conferences/symposia. I am synthesized different types of ferrite nanoparticles and magnetoelectric composites as they have potential applications in electronic technology such as storage devices, sensors and treatment for hyperthermia, etc.