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3. Name of the Institution : NIT, ROURKELA
4. Date of Birth : 10.03.1957
5. Gender (M/F/T) : M
6. Category Gen/SC/ST/OBC : Gen
7. Whether differently abled (Yes/No) : No
8. Academic Qualification : M.Sc (Physics), M.Phil., Ph. D (Physics)
9. Present Position: Professor in Physics
10. Area of Research Interest : Experimental Condensed Matter Physics(Low **temperature** condensed Matter Physics, High Tc superconducting material; Accelerator based ion-matter interaction with low and high energy)
11. No. of paper published in national and International Journals : 100 (20, on ion irradiation)
12. No. of proceeding papers in conference : 81 (19, on ion irradiation) attended – 61 conference
12. No. of students awarded with Ph.D : 4 (3 have done work on ion irradiation effect on HTSC material)
13. No. of students working for Ph.D : 5 (3 are working on HTSC, 2 are working on Ferrites)
14. No. of research Project completed : 4 (SERB, Govt. of India and Inter University Accelerator Centre (IUAC), New Delhi and BRNS, Govt. of India)
15. No. of students working for PDF : Nil

Current work

Presently two my students are working on nanoferrites to study the effect of doping some rear earth materials on cobalt ferrite nanoparticles on dielectric and magnetic properties. The other area that some students are working : the interaction of ferromagnetic material with high temperature superconductors and effect of irradiation towards critical current density. The heterostructure (proximity and reverse-proximity) of superconductor and ferromagnetism will be discussed.