

Dr. Y. Kalyanalakshmi



Education: MSc, PhD.

Doctor of Philosophy

Electrical and magnetic behavior of some monovalent doped CMR materials

Research Experience

Colossal magnetoresistance oxides, magnetotransport phenomenon, Thermoelectric power, Ferrites, Ferrite-manganite composites

Postdoctoral Fellow, Department of Physics, Osmania University, Hyderabad

Areas of Teaching Experience

Solid State Physics (General SSP, Advanced SSP, specialization), Classical Mechanics, Statistical Mechanics

Assistant Prof UG papers: Modern Physics

PG papers: Solid State Physics (General SSP, Advanced SSP, specialization), Classical Mechanics, Statistical Mechanics

Asso Prof Solid State Physics (General SSP, Advanced SSP, specialization), Classical Mechanics, Statistical Mechanics

Awards / Grants

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|---------------------------|---|---|
| 1. Research Associate | : | CSIR, Govt. of India; 2011-2014. |
| 2. Senior Research Fellow | : | CSIR, Govt. of India; 2008-2010. |
| 3. Junior Research Fellow | : | UGC-RFSMS, Govt. of India; 2007-2008. |
| 4. Young Scientist Award | : | Dr. K. V. Rao Scientific Society Award 2010 |
| 5. Associate Fellow | : | Telangana Academy of Sciences 2018 |

PROFESSIONAL MEMBERSHIPS / ORGANIZATIONS

1. Lifemember of Magnetic Society of India
2. Lifemember of Indian Science Congress Association

Publications: <https://scholar.google.com/citations?user=WnQ2arsAAAAJ&hl=en>