

## Dr. D. Aparna



Education: MSc, PhD.

Doctor of Philosophy

“Pattern Recognition of Acoustic Emission Signals from Piezoelectric Ceramics”

Research Experience

Acoustic Emission Studies, Signal Processing, DC and AC Fatigue studies.  
Insitu Monitoring of Acoustic Emission Signals from PZT ceramics.

Areas of Teaching Experience

Subjects Taught: Classical Mechanics, General Solid State Physics, Microcontrollers and Applications, Guided and Unguided media Communication.

Assistant Prof: 2009 till date

Awards /Grants

- Apart from teaching she has been a member on selection committee for lecturers, student projects & posters during Science exhibitions at College Level, District Level and at 30th National Children Science Congress 2022.
- BOS member for Physics and Electronics at UG and PG level.
- As Resource person delivered talks on few topics of electronics, MATLAB and NDT - technique ie Acoustic Emission.

PROFESSIONAL MEMBERSHIPS / ORGANIZATIONS

Life member of IAPT

Publications: <https://www.researchgate.net/scientific-contributions/D-Aparna-2016270659>