

## Teacher's profile



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|-------------------------------|---|
| <b>Name</b>                   | Rethika K T   |
| <b>Designation</b>            | Assistant Professor   |
| <b>Department</b>             | Physics   |
| <b>Qualifications</b>         | MSc. Physics, CSIR (JRF)  |
| <b>Achievements</b>           | <ol style="list-style-type: none"><li>1. 1 Minor Research Project Sanctioned by UGC in 2011.</li><li>2. Qualified CSIR JRF in December 2008</li></ol>   |
| <b>Experience</b>             | 4 yrs   |
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| <b>Area of Specialization</b> | Theoretical Physics   |
| <b>Publications</b>           | <ol style="list-style-type: none"><li>1. . Microwave dielectric properties of <math>\text{BaNb}_{2-x}\text{Ta}_x\text{P}_2\text{O}_{11}</math> (<math>x = 0, 0.5, 1, 1.5</math> and <math>2</math>) ceramics. <i>Journal of Materials Science: Materials in Electronics</i>. doi:10.1007/s10854-011-0585-5</li><li>2. Ultrasonic Study of molecular interactions in organic liquids at various temperatures and concentrations, <i>Journal of Physics: Research &amp; Reviews, volume 1 No. 3 (2012)</i></li><li>3. Microwave Dielectric Properties of Barium Tantalum Phosphate, <i>APSYM2010</i>.</li><li>4. A Book on Material Science and Thin films.</li></ol> |