



**ANJU JOSEPH**  
**ASSISTANT PROFESSOR**  
**& HEAD, DEPARTMENT OF**  
**PHYSICS**



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## Professional History

- Assistant Professor 2013-Present
- Govt .HSS Teacher 2011-2013
- Civil Judicial Department 2006-2011
- Post Graduate Teacher 2001-2005

## Educational Qualifications

- M.Sc,Physics-St.Thomas College,Ranni 2000
- B.Ed-University College of Teacher Education, Elanthoor-2001
- B.Sc Physics-St.Thomas College,Ranni,1998

### Exams Passed

- NET,CSIR,UGC 2010
- GATE-2011
- SET -2002

## FDP Programmes Attended

- Refresher Course in material science 2015,UGC,HRDC,Thiruvananthapuram
- Orientation Programme ,2018,UGC,HRDC,Calicut University
- FDP,Mooc and E Content Development 2019,M.G.University,Kottayam
- FDP on research Ethics and Charecterisation Techniques,2020
- Refresher Course in Material Science:Recombinant Memetics,UGC,HRDC,University of Calicut

## Areas of teaching

- Electronics
- Mathematical physics
- Computational physics
- Atomic and Molecular physics
- Nuclear and Particle Physics
- Programming in C++

## Research Experience

Research Scholar,University of Kerala  
Topic;Plasmonic Nano structures and photocatalysis.

Number of M.Sc Projects guided :10

Number of ongoing M.SC project :3

## Paper publications & Presentations

- Efficacy in degradation of carcinogenic pollutant sulforhodamine B by green synthesized silver nanoparticles ,Ramakrishnan Jayakrishnan1\* , Anju Joseph2 and Vinoy Thomas2.,Micro and Nano Systems Letters (2021) 9:12
- Photocatalytic behaviour of green synthesized Ag nanoparticles, April 2019, International Conference on Advances in sustainability of materials and environment. St.xaviers catholic college of Engineering ,Tamilnadu.
- Green synthesis of Silver nanoparticles and its charecterisation, Feb 2019, National Seminar on sustainable development through biodiversity Conservation, St.Thomas College, Ranni.
- Localised Plasmon Polariton Assisted Photocatalysis, Dec 2019, National seminar on Advanced materials for energy, St.Thomas College, Ranni