

Name : P.Ramesh
Designation : Assistant professor
Department : Physics



CONTACT

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ACADEMIC QUALIFICATIONS

M.Sc., M.Phil., Ph.D(Doing)

TEACHING EXPERIENCE :

10 Years

RESEARCH EXPERIENCE :

9 Years

ADDITIONAL RESPONSIBILITIES :

Sysyem Administrator, Network Administrator, Depty Warden HL Hostel, Equipment Services

AREA OF RESEARCH :

Nanotechnology , Solar Energy

Biocompatibility in nanotechnology

RESEARCH PROJECTS RECEIVED (for past five years)

TITLE OF THE PROJECTS	FUNDING AGENCY	AMOUNT (Rs.)
Green synthesis of zinc oxide nanoparticles and study of photo catalytic and evaluation of antioxidant activity	UGC Minor Research project	2.70 Lakhs

PUBLICATIONS : (for past five years)

List of Paper Published:

1. **P.Ramesh**, A.Rajendran and M.Meenakshisundaram, Green Synthesis of Zinc Oxide Nanoparticles Using Flower Extract Cassia Auriculata, Journal of NanoScience and NanoTechnology, 2(1),2014, 41-45.
2. **P.Ramesh**, A.Rajendran and Arumugam Subramanian, Synthesis of Zinc Oxide Nanoparticle from fruit of Citrus Aurantifolia by chemical and green method, Asian Journal of Phytomedicine and Clinical Research. 2(4), 2014, 189 - 195.
3. **P.Ramesh** and K.Saravanan, Green synthesis and characterization of biocompatible zinc oxide nanoparticles and evaluation of its antibacterial potential, Asian Journal of Research in Pharmaceutical Sciences and Biotechnology, 6(4), 2018, 76-86.
4. Tejinder Singh Chechi, Anup Raj, Roopkatha Bhattacharya, **P. Ramesh**, Mohit Rajabhoj, Anand C. Reddy, J. H. Akash, Dhanashree, Sanghamitra Deobhanj, Soumyajit Sanyal and Sushmitha Baskar, Reported Science Last Fortnight, News, current science, vol. 116, no. 3, 10 February 2019.
5. Tejinder Singh Chechi, Anup Raj, **P. Ramesh**, Mohit Rajabhoj, Dhanashree, Anand C. Reddy, Sushmitha Baskar, P. K. Udham, J. H. Akash and Sileesh Mullasserri, Reported Science Last Fortnight, News, current science, vol. 116, no. 4, 25 February 2019.

List Paper Presented Conference:

1. **P.Ramesh**, Green synthesis and characterization of biocompatible Zinc oxide nanoparticles using leaf extract of Cassia auriculata, International conference on recent

trends in materials science and technology (ICRTMST-2018) at Sri Vijay Vidyalaya College of arts and science, Dharmapuri.

2. **P.Ramesh**, Photosynthesis and characterisation of Tio₂ nanoparticles using Diospyros ebenum leaf extract and antibacterial, International Conference on Advanced Material and its Application (ICAMA-2018), Thanthai Hans Rover College, Perambalur.
3. **P.Ramesh** and A.Rajendran, Green Synthesis, characterization and antibacterial potential of biocompatible Cu doped ZnO nanoparticles, International conference on chemical and environmental research (ICCER-2018) at Jamal Mohamed College, Tiruchirappalli.
4. **P.Ramesh** and K.Saravanan, Green synthesis and characterization of biocompatible Zinc oxide nanoparticles and evaluation of its antibacterial potential, National conference on frontiers in advanced physics (NCFAP-2019) at Vivekanandha College of arts and science for women, Namakkal.

List of Workshop and Seminar Participated

1. Participated 12 Days Workshop on Science Writing (2019) organized by IISER Thiruvananthapuram, Kerala.
2. Participated 2 Days National conference on Large Scale Multi-disciplinary Systems of national Significance-Trends and Challenges (LAMSYS) (2018) organized by Sathish Dhawan Space Center SHAR, ISRO, Sriharikotta.
3. Participated 15 days Refresher course on Experimental Physics (2014) at Goa university, Goa, Organized by Indian Academy of Science, Bangalore.
4. Participated 16 days Refresher course on Quantum Mechanics and Nuclear Physics (2016) at Dayanath Science College, Latur, Maharashtra Organized by Indian Academy of Science, Bangalore.
5. Participated 15 days Refresher course on Mathematical methods in Physics and their applications (2016) at Mumbai university, Maharashtra, Organized by Indian Academy of Science, Bangalore.
6. Participated 15 days Refresher course on Materials preparation and measurement of properties (2016) at IASC, Bangalore, Organized by Indian Academy of Science, Bangalore.
7. Participated 15 days Refresher course on Statistical Physics and its application (2017) Tripura University, Tripura, Organized by Indian Academy of Science,

Bangalore.

8. Participated 3 days workshop on characterization of materials for advanced application (2016) at NIT, Tiruchy.
9. Participated one-day workshop on Advanced Materials Engineering (2016) at Thiagarajar College of Engineering, Madurai.
10. Participated 15 days Refresher course on Experimental Physics at Bharathidasan University (2009), Tiruchirappalli, Organized by Indian Academy of Science, Bangalore.

EVENTS ORGANIZED IN LEADING ROLES : (for past five years)

1. Diploma in EEE
2. Mobile Service Course
3. Computer hardware

MEMBERSHIP IN

PROFESSIONAL BODIES :

1. Membership on Indian Society of Systems for Science And Engineering at sriharikota