

STAFF PROFILE

- 1) Name : R. Leethiyal
2) Designation : Assistant Professor
3) Department : Physics
4) Qualification : M.Sc., M.Phil.,
5) Experience : Teaching : 3 ½ Years Research : -
6) Area of Specialization (s) : Nano Technology
7) E-mail : leethiyalrajan@gmail.com
8) Academic Qualifications : M.Sc., M.Phil.,
9) Other Publications

(Proceedings)

i) I. Reeta Mary, R. Leethiyal, P. Sekar, D. Mangalaraj, C. Viswanathan and N. Ponpandian, Self-Assembly of Nanostructured Hydroxyapatite Spheres for Photodegradation of Methylene Blue Dye, ScienceDirect Materials Today: Proceedings (2019) 18, 1729–1734.

ii) Conference Title : 5TH International Conference on Nanoscience and Nanotechnology
Paper Title : Hydrothermal – assisted Biosynthesis of hydroxyapatite Nano particles using Acalypha Indica leaf Extract for antibacterial activity

Author and Co-Authors name: R. Leethiyal and I. Reeta Mary

10) Presentations in Conference

International

International : **i)** Presented a paper entitled “ Self – assembly of Nanostructured Hydroxyapatite Spheres for Photodegradation” at Krishnammal College for Women, Coimbatore.

ii) Presented a poster entitled “ Hydrothermal – assisted Biosynthesis of Hydroxyapatite nanoparticles” at SRM university, Chennai.

National :

i) Presented a paper entitled “Novel Hydroxyapatite nested bundles: facile solvothermal synthesis, characterization and growth mechanism” at Periyar University , Salem.

11) Participation in Workshop :

- (i) Completed IELTS preparation course training in British council, Chennai.
- (ii) State level Physics Symposium on ALBEDO.
- (iii) Open access E – Resources for Research and INFLIBNET Resources on 09.11.2018, Nirmala College for Women, Coimbatore.
- (iv) Innovative Eco – Systems, Incubation Centres and Start – Ups for Higher Education Institutions on 19.03.2020, Nirmala College for Women, Coimbatore.
- (v) Revised Guidelines for the Accrediation Process of NAAC on 07.03.2020, Nirmala College for Women, Coimbatore.
- (vi) Outcome Based Education on 13.10.2018, Nirmala College for Women, Coimbatore.

12) Participation in Faculty Development Programme

- i) Statistical Analysis using SPSS on 14.12.2018, Nirmala College for Women, Coimbatore.
- ii) Faculty Development Programme – Rstudio, Nirmala College for Women, Coimbatore.
- iii) Innovative Teaching Strategies on 30.10.2019, Nirmala College for Women, Coimbatore.
- iv) Online college management & online content creation tools, BMM & BAMMC from 30.04.2020 to 02.05.2020 Department of Lala Lajpat Rai College of Commerce & Economics and University of Mumbai With North storm Academy, Mumbai.
- v) Moodle learning management system from 29.04.2020 to 01.05.2020 , Kaypeeeyes college of Arts and Science, Nilgiris.
- vi) R- Programming on 01.05.2020, Kaamadhenu Arts and Science College, Sathyamangalam.

13) Conference/ Seminar/ Workshop Organized :

1. Seminar on “Modern trends in Optics and Communication Techniques” on 12.02.2019
2. Seminar on “Applications of Nanoscience, Solar energy and Magnetic Materials” on 25.09.2019.
3. An International Video Conference on “Nanoscience and its Importance” on 29.02.2020

14) Awards and Achievements :

Won Best oral presentation award in “Novel Hydroxyapatite nested bundles: facile solvothermal synthesis, characterization and growth mechanism” at Periyar University , Salem.