

1. **Name** : **Iyyappan E**  
2. **Designation** : **Assistant Professor**  
3. **Educational Qualification** : **M.Sc., (UGC-CSIR-NET)**  
4. **Courses taught at MCC** : **Fundamental Organic Chemistry,  
Stereo Chemistry, Organic Reaction Mechanism**

5. **Administrative Experience, if any, in MCC:**

- Functioned as a member of Anti-Ragging committee
- Served as a polling officer in college union election
- Served as a returning officer in department election
- Functioned as a member of Academic Council, Madras Christian College during the year 2015 and 2016
- Serving as a Chairman, Board of Examination, Department of Chemistry, MCC

6. **Orientation and Refresher Courses Attended:**

**Orientation Course:** .

Participated in the Orientation Course (General)- Batch 97 conducted by UGC - ASC, University of Madras from 06.08.2010 to 02.09.2010 and obtained Grade "A"

**Refresher Course:**

Participated in the Refresher Course in Chemistry, Batch-XXIII conducted by UGC-ASC, University of Madras from 10.07.2013 to 30.07.2013 and obtained Grade "A"

7. **Papers presented in National & International Seminars / Conferences**

- Presented a paper entitled "Synthesis and characterization of hydroxyapatite particles by a template assisted route" at International conference on Frontiers in Chemical Sciences conducted by Department of Chemistry, MCC during October 2 – 4, 2008.
- Oral presentation on " Synthesis and Characterization of nanoscale Carbonated Hydroxyapatite particles through surfactant assisted Hydrothermal treatment" in the 20<sup>th</sup> National Symposium on Catalysis for Energy Conversion and Conservation of Environment, organized by the National Centre for Catalysis Research, Indian Institute of Technology, Madras, Dec 2010.

- Oral presentation on “ The effect of Triton X-100 as an organic modifier on the morphological features of Hydroxyapatite particles derived from Hen Egg Shell as a sole Calcium source” in a National Seminar on Green Analytical Techniques, organized by PG & Research Department of Chemistry, D.B. College, Sasthamcotta, Kollam, Kerala, during Sep 09-10, 2015.
- Presented a paper entitled “Aspect ratio as a function of ultrasonication time in triton X-100 mediated synthesis of nanoscale hydroxyapatite” in a Seminar on Environment and Sustainable Development, conducted by Department of Chemistry, SRM university, Tamilnadu, on 3<sup>rd</sup> June, 2016.
- Oral presentation on “ Investigation on the structural and morphological variations of nanoscale hydroxyapatite particles synthesized as a function of oxyethylene units in PEG-6000 and Triton X-100” in 53<sup>rd</sup> Annual Convention of Chemists, Indian Chemical Society, hosted by GITAM University, Visakhapatnam – 530 045, Andhra Pradesh, during 27<sup>th</sup> – 29<sup>th</sup>, Dec 2016.

#### **8. Publications & Books Authored**

- **E. Iyyappan** and P. Wilson, Synthesis of nanoscale hydroxyapatite particles using triton X-100 as an organic modifier, *Ceram. Int.*, 39 (2013) 771-777.
- **E. Iyyappan**, P.Wilson, K. Sheela, R. Ramya, Role of triton X-100 and hydrothermal treatment on the morphological features of nanoporous hydroxyapatite nanorods, *Materials Science and Engineering C* 63 (2016) 554–562.

#### **9. Resource Person in Conferences/Workshops etc.**

- Delivered a lecture on ‘Electron displacement effects’ in National level Orientation for Kendria Vidyalaya PG teachers at KV II, Tambaram in June 2008.
- Served as a Resource Person for organic chemistry in an In-service Training Programme to PG Teachers, held at Institute of Advanced Study in Education, Saidapet, Chennai on 01/12/2012

## 10. Recognition as Research Supervisor for M.Phil. and Ph.D.

Nil

## 11. Other Distinctions

- Successfully completed a **Minor Research Project** entitled “Synthesis and Characterization of nanoscale Hydroxylapatite particles using triton X-100 via hydrothermal/ultrasonication assisted routes” funded by UGC during Jan 2015 to Jan 2017
- Life member of “Association of Chemistry Teachers (LM No. 1619)” Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai, India

## 12. Recent Passport size photograph

