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Nagercoil

Syllabus Evaluation for +1, +2 classes Teacher Training Institute, Tharoor

Seminar Bethlahem Institute Of Engineerng, Karungal

List of Publications: 22

SCOPUS INDEXED; 3

1. An investigation on host-guest complexation of Metformin hydrochloride with hydroxypropyl- $\alpha$ -cyclodextrin for enhanced oral bioavailability

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Materials Today Proceedings (SCOPUS INDEXED)

Volume 21, Part 1, **2020**, Pages 514-518



# 2. <sup>1</sup>H NMR – A validation tool for supramolecular complexes of α-cyclodextrin

# with Antidiabetic drugs

Available online 25 April **2020** https://doi.org/10.1016/j.matpr.2020.04.077

3. INCLUSION STUDIES ON  $\alpha$ -CYCLODEXTRIN COMPLEXES OF GLIPIZIDE AND GLICLAZIDE WITH EFFECT OF PH

ASIAN JOURNL OF PHARMACEUTICAL AND CLINICAL RESEARCH Vol 10, Issue 1, **2017** PAGES 274-280 ISSN Online - 2455-3891 Print - 0974-244 (SCOPUS INDEXED)

- 4. Fluorescence detection of ferrous(III)ions using green synthesized photoluminescent carbon dots. Journal of applied science and computation, VI. VI, Year **2019**, pp 1187-1200.
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11. Effect of pH on 4—Aminosalicylic acid : α-CD/HP α-CD inclusion complexes. International Journal of Scientific Research. ISSN No. 2277-8179, **2017**, Volume/Issue/Page No.27-29

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- 13. Preparation and characterization inclusion complexes of Fluorouracil alpha cyclodextrin hydroxyl propyl alpha cyclodextrin, International Journal of Applied Research, Online :2394-5869, Print :2394-7500, **2016**
- 14. Physicochemical Characterization of Alpha Cyclodextrin complexes of Tamoxisen Citrate and phase solubility studies, International Journal of Pharmaceutical Science and Research, Online: 0975-8232

Print: 2320-5148, 2016,

- **15.** Augumentation of Antimicrobial behaviour of silver nanoparticles, International Journal of Modern Sciences and Technology, **2016**
- 16. Inclusion studies on oral antidiabetic drugs with alpha cyclodextrin and hydroxyl propyl alpha cyclodextrin, International Journal of Applied Research, Online :2394-5869, Print :2394-7500, **2015**,
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- 22. Synthesis and Characterization of metal complexes of Phloroglucinol, Science Acta Xavertana, An International Science Journal, ISSN, 0976-1152, **2013**,
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# **Project Details:**

- 1. UGC Minor Project, File No.MRP-2587/08 (UGC-SERO) dated 18/03/2008.
- 2. UGC Minor Project, File No. MRP-3824/11 (MRP/UGC-SERO) dated August 2012.

# Number of Ph.D guided : 7