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## Dr. Asha D.

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**Designation:** Assistant Professor (Contract)

**Qualification:** M.Sc., B.Ed., Ph.D., PGDCA

**Area of Specialization:** Phytochemistry & Pharmacognosy

**Email (official):** dr.ashad@teresas.ac.in

**Contact Number:** 8075790771



### Profile in Detail

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#### Academic records



- Ph.D. :

Topic: Phytochemical evaluation for Chemotaxonomy and Pharmacognostic studies on selected taxa Of Subfamily Nepetoideae (Lamiaceae); St. Teresa's College, Ernakulam; 2018.

- M.Sc. – 5<sup>th</sup> rank, St. Teresa's College, Ernakulam -2005
- B.Sc.- Sacred Heart College, Thevara - 1997
- B.Ed. – St. Joseph College of Teacher Education For Women, Ernakulam -2002
- Diploma- PGDCA-Teresian Computer centre, Ernakulam - 2002

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#### Professional/Teaching Experience



Years (in total)- 3 and Half

- Name of Institution- St. Teresa's College, Ernakulam
- Position held- Guest Lecturer
- Period (from-to)- 2005-2007 & 2019 to till date
- Subject handled & Nature of duties- Botany, Teaching

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## Research Experience & Expertise

(Research experience in Phytochemistry & Pharmacognosy, 6 years of experience )



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## Administrative responsibilities and Positions held in College



Convener of 2 Seminars

Organising committee member of 2 seminars

Committee member of Exhibition committee of College for NAAC

Coordinator of CSIR-NET coaching conducted by Botany department

Teacher in charge of –

- Placement cell
- Youth festival -Group song

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## Publications in peer reviewed national/international journals



1. **Asha, D.** and Lizzy, Mathew. 2013. *Invitro* culture studies and comparative histochemical analysis of *Bacopa Monnieri* (L.)Pennell. Journal of Nature and Life science. 1(1):42-48.

2. **Asha, D.** and Lizzy, Mathew. 2014. Comparative HPTLC fingerprint profile of triterpenes in the methanolic extracts of *Ocimum basilicum* L. and *Mentha arvensis* L. (Lamiaceae) . Journal of Pharmacognosy and Phytochemistry. 3(4): 171-175.

3. **Asha, D.**, Lizzy, Mathew and Rishad, K. S. 2015. Evaluation of HPTLC fingerprints of flavonoids and antioxidant activity of selected medicinal plants of Lamiaceae family. International Journal of Pharmacognosy and Phytochemical Research. 7(2): 240-245.

4. **Asha, D.**, Lizzy, Mathew, Shankar, Iyer, R., Sayana, P.S. and Lekshmi, V. Bose. 2017. Isolation and characterization of a novel saponin from *Rosmarinus officinalis* L. (Lamiaceae). International Journal of Advanced Research. 5(2): 1743- 1749.

5. **Asha, D.** and Lizzy, Mathew. 2017. Chemical profiling of *Thymus vulgaris* L.using HPTLC. Journal of Pharmacognosy and Phytochemistry. 6(4): 1017-1023.

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## Books authored/Chapters/edited

- Chapter in an Edited Book (national ) - Published in 2020

Book Name- "**Research Trends in Medicinal Plant Sciences (volume 8)**"

Chapter Name - "*Mentha arvensis* L.: A Medicinal Kitchen Herb"

- Chapter in an Edited Book (national ) - Published in 2020

Book Name -" **Traditional Medicinal Plants (Volume - 1)**"

Chapter Name -"Traditional and Modern Perspectives of *Ocimum*: a Genus with Therapeutic Potential"

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## Paper presentations in Seminars/Conferences/Symposium attended



- Presented a paper entitled 'Preliminary phytochemical screening and HPTLC analysis of Flavonoids of selected species of subfamily Nepetoideae (Lamiaceae)' in UGC sponsored National seminar cum workshop on techniques in biosciences organized by Department of Botany, KKTU Govt. College, Pullut , Kodungallur on 18 & 19 February 2014
- Presented a paper entitled 'Comparative phytochemical screening and HPTLC fingerprint profile of selected species of Nepetoideae (Lamiaceae) used in different systems of medicine' in National conference on emerging trends in medicinal plants and herbal products organized by Department of Botany, VHNSNC, Tamil Nadu on 2013
- Presented a paper in the M.Sc Project presentation Programme conducted by the Kerala Botanical Society at St. Berchman's College, Changanacherry on 16th September 2006
- Presented a paper in the National Conference – Women Scientists/Technocrats Opportunities & Challenges at St.Teresa's College, Ernakulam from 23 to 25 of June 2006

## Abstracts in Symposium/Seminars

- **Asha, D.** and Lizzy, Mathew. **2013.** Comparative phytochemical screening and HPTLC fingerprint profile of selected species of Nepetoideae (Lamiaceae) used in different systems of medicine. National conference on emerging trends in medicinal plants and herbal products, (2013), Department of Botany, VHNSNC, Tamil Nadu.

- **2. Asha, D. and Lizzy, Mathew. 2014.** Preliminary phytochemical screening and HPTLC analysis of Flavonoids of selected species of subfamily Nepetoideae (Lamiaceae). UGC sponsored National seminar cum workshop on techniques in biosciences (2014), Dept. of Botany, KKTU Govt. College, Pullut, Kodungallur.

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## Faculty development programs attended



(Orientation/Refresher Course/Workshop/Short term)

- **National Faculty development program on Managing online classes and co-creating MOOCS** conducted by Ramanujan College, University of Delhi from **20th April to May 6<sup>th</sup> 2020**.
- **National Faculty Development Programme on Capacity Building In Drafting Proposals For Funded Research** jointly organised by Teresian Research and Consultancy Cell (TRACC) and Guru Angad Dev Teaching Learning Centre of MHRD, Under the Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) from **5th to 11th October 2020**.

Dr. Asha D.

03-11-2020