

Name Dr. Keerthi, V. S.

Designation: Assistant Professor

Date of Birth: 25.02.2984

Date of joining at LBSCEK: 21.05.2012

Address:

OFFICE: Department of Applied Science, LBS College of Engineering, Kasaragod

RESIDENCE: 'Malu', Chennilode, Medical College P O., Thiruvananthapuram. PIN: 695011

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Educational Qualifications:

PhD

MPhil

UGC-JRF, NET

MSc

RESEARCH INTEREST: Organic synthesis

Teaching Experience: 9 years

Subjects Taught: Engineering chemistry

Achievements: Best Paper Prize for the paper entitled 'Design and synthesis of diaminothiazolyl oxystyryl methanones', presented in the 'National seminar on frontiers in chemistry (NSFC-2012)', organised by Department of Chemistry, University of Kerala, Kariavattom, **2012**.

LIST OF JOURNALS:

1. Thomas, S. A., Thamkachy, R., B. Ashokan, Komalam, R. J., **Keerthi, V. S.**, A. Bharathan, Santhoshkumar, T. R., Rajasekharan, K. N. and S. Sengupta, S., Diaminothiazoles inhibit angiogenesis efficiently by suppressing Akt phosphorylation, *J. Pharm. Exp. Therapeut.*, **2012**, 341, 718-24



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2. Juneja, M., Vanam, U., Paranthaman, S., Bharathan, A., **Keerthi, V. S.**, Reena, J. K., Rajaram, R., Rajasekharan, K. N. and Karunakaran, D., 4-Amino-2-arylamino-5-indoloyl/cinnamoythiazoles, analogs of topsentin-class of marine alkaloids, induce apoptosis in HeLa cells, *Eur. J. Med. Chem.*, **2013**, 63, 474-483.
3. Vasudevan, S., Thomas, S. A., Sivakumar, K. C., Komalam, R. J., **Keerthi, V. S.**, Rajasekharan, K. N. and Sengupta, S., Diaminotiazoles evade multidrug resistance in cancer cells and xenograft tumour models and develop transient specific resistance: Understanding the basis of broad-spectrum vs specific resistance, *Carcinogenesis*, **2015**, 36, 883–893.
4. Mayadevi, M., Sherin, D. R., **Keerthi, V. S.**, Rajasekharan, K. N. and Omkumar, R. V., Curcumin is an inhibitor of calcium/calmodulin dependent protein kinase II, *Bioorg. Med. Chem.*, **2012**, 20, 6040-6047.

LIST OF CONFERENCES:

1. Keerthi, V. S., Reena, J. K., Bharathan, A. and Rajasekharan, K. N., Heterocyclisation of 1-aryl-3-(N-nitroamidino)thioureas to styryl thiazolyl methanones, National seminar on emerging trends in phytochemistry, Mahatma Gandhi college, Thiruvananthapuram, **2010**.
2. Keerthi, V. S., Reena, J. K., Bharathan, A. and Rajasekharan, K. N., Styryl thiazolyl methanones-Design and synthesis using solid supported chemoselective bromination of methyl styryl ketones, National seminar on recent trends in chemical sciences: Frontiers and challenges (RTCSFSC-2011), University of Kerala, Kariavattom, **2011**.
3. Keerthi, V. S., Reena, J. K., Bharathan, A. and Rajasekharan, K. N., Design and synthesis of diaminotiazolyl oxystyryl methanones, National seminar on frontiers in chemistry (NSFC-2012), University of Kerala, Kariavattom, **2012**.

LIST OF FACULTY DEVELOPMENT/SHORT TERM PROGRAM

1. UGC sponsored Orientation Programme conducted by UGC-HRDC University of Kerala, Kariavattom from 13.06.2019-03.07.2019.
2. National Workshop on 'MAGNETIC RESONANCE SPECTROSCOPY AND IMAGING (NMRSI 2019) organized by Department of Chemistry and SICC University of Kerala from 25th to 28th February 2019.

3. Short-Term Faculty Development Programme on “PEDAGOGICAL AND E-LEARNING TOOLS FOR TEACHING” organised by Sanatana Dharma College, Alappuzha in collaboration with The Kerala State Higher Education Council from 04th -10th August 2020.
4. One week National Faculty Development Programme on ‘RESEARCH ETHICS AND CHARACTERISATION TECHNIQUES IN MATERIAL SCIENCE ’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD and Bishop Moore College from 09th – 15th September 2020.
5. One week National Faculty Development Programme on ‘INSTRUMENTAL METHODS OF ANALYSIS ’ organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD and Bishop Moore College from 07th – 13th October 2020.

LIST OF INVITED TALK:

ADMINISTRATIVE WORKS:

Sponsored Project:

Consultancy Project: