

## FACULTY PROFILE

Name of the faculty	Dr. Chethana K. R.
Designation	ASSISTANT PROFESSOR
Contact Number	7259030151
Email ID	<a href="mailto:chethanakr@sapthagiri.edu.in">chethanakr@sapthagiri.edu.in</a>



## Educational Qualification

Degree	Specialization	University	Year of Passing
B.Sc.	Botany, Chemistry and Biotechnology (BCBt)	JSS College for Women, University of Mysore	2007
M.Sc.	Biochemistry	Mangalore University	2009
Ph.D.	Biochemistry	IAIN (Deemed to be)	2010

## Additional Qualification

Course	Organization	Area of Specialization

## Work Experience

Teaching	Research	Industry
-	8.8	1.3

## Publications

National/International Journals	National/International Conferences	Books Authored/Edited
7	10	-

## Area of Interest

Neurochemistry	Phytochemistry
Pharmacology	Neuroscience

## Membership in Professional Bodies/University Bodies/Organization

- LIFE MEMBER, Society of Neurochemistry India

## Publications National/International Journals

- **Chethana KR**, Shashidar BS, *Naika M*, Keri SK. 2018. *Caesalpinia crista* extract and its phytochemical composition as potential source for inhibiting Cholinesterase and  $\beta$ -amyloid Aggregation: Significance to Alzheimer's disease. *Asian Pacific Journal of Tropical Biomedicine* 8: 500-512.
- **Chethana KR**, Senol FS, Orhan IE, Anilakumar KR, Keri RS. 2018. *Cassia tora* Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities. *Phytomedicine* 33: 43-52.
- Keri SK, **Chethana KR**, Patil SA, Nagaraja BM. 2016. Benzimidazole-core as an antimicrobial agent. *Pharmacological Reports* 68; 1254-1265.
- Hiremathad A, Patil MR, **Chethana KR**, Chand K, Santosh MA and Keri RS. 2015. Benzofuran: an emerging scaffold for antimicrobial agents. *RSC Advances* 5:96809–96828.

- Jadhav PV, Das DN, **Chetana KR**, Tarate SB and Shome BR. 2013. Application of PCR based Technique for detection of common mastitis pathogens in milk samples of HF crossbred cattle. *Global Journal of Bio-Science and BioTechnology* 2.1:135-137.
- Dambel Suman S, Kumari Suchetha N, Kathyayani P, Geethashri A, Ramitha K, **Chethana K. R.** 2010. Body mass, level of glucose and serum myeloperoxidase in offsprings of diabetic and non-diabetic parents. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, India. 1.3:456-460.
- Dambel Suman S, Kumari Suchetha N, **Chethana K R**, Ramitha K. 2010. Effect of obesity on the incidence of type 2 diabetes mellitus varies with age among Indian women. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, India.1.3: 342-345.
- 

## National /International Conferences

Has presented numerous research papers, posters and participated in 10 National & International conferences in Karnataka and Pan India.

- Forest and Microbial Diversity – its relevance at P.G Department of Microbiology, Mangalore University, 2008.
- National seminar on “Biodiversity – A life sustaining system, Significance and Management” 2008.
- Participated and organized Indian Academy of Science outreach Seminar Workshop on Molecular Biology in P.G Dept of Biochemistry. Cauvery campus, Madikeri. 2008.
- Attended International Conference conducted by SNCI – Recent Advances in Molecular Mechanisms of Neurological Disorders at AIIMS, Delhi. Feb. 21-23, 2013
- Attended Symposium on Neurochemistry of Aging Brain held at CSIR- Indian Institute of Chemical Biology(IICB), Kolkatta on Jan31, 2013.
- Attended Conference on Schrodinger-Recent Advances in Computational Drug Design, IISc on Sep 16-17, 2013.
- Attended International Symposium on Translational neuroscience and XXXII Annual Conference of Indian Academy of Neurosciences, NIMHANS, Bangalore on 1- 3 Nov 2014.
- 5<sup>th</sup> International Conference on luminescence and its application (ICLA 2015), PES University, Bengaluru, India. Feb 9-12, 2015.
- Attended Indian Council of Medical Research (ICMR) sponsored National Conference on Role of Organic Chemical Intermediates

## Grants obtained



**MEMBER, BOARD OF EXAMINERS AND BOARD OF SYLLABUS**

**AWARDS/RECOGNITIONS/ACHIEVEMENTS:**