

Dr. Venu. S.

Assistant Professor

Updated details

Citation indices	All	Since 2020
Citations	185	111
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ADMINISTRATIVE DISTINCTION

Principal (in charge)

MEMBERSHIP IN PROFESSIONAL

- **Life member of ISRAPS** (Indian Society for Radiation and Photochemical Sciences) [Reg.No.617/1985 GBBSD, Bombay: Trust No. F- 10965]
- **Life member of CEET** (Centre for Environment Education and Technology), an autonomous non profit making organisation devoted to strengthen and further the cause of Environmental Education Science and Technology and related research in India.
- Member of ACT (Academy of Chemistry Teachers)

ACHIEVEMENTS/AWARDS

- Certificate of appreciation from ASAP, Government of Kerala for handling one online class for the science students hosted by the Additional Skill Acquisition Programme, Department of Higher Education, Government of Kerala, during April-May 2020.
- Member of Board of Studies of UG Chemistry (2024)

PUBLICATIONS

1. **Antioxidant activity and free radical scavenging reactions of gentisic acid: *in-vitro* and pulse radiolysis studies.** Ravi Joshi , R. Gangabthagirathi, S. Venu , S. Adhikari & T. Mukherjee; *Free Radical Research*, January 2012, Vol. 46, No. 1 : Pages 11-20



Chandramana, Pathirappally
p.o, Alappuzha 688521

QUALIFICATIONS:

M.Sc; Ph.D

DATE OF JOINING:

07/12/2004

EXPERIENCE IN YEARS:

19 years 8 months

AREA OF RESEARCH:

Radiolytic and computational studies of antioxidants

2. Oxidation reactions of thymol: a pulse radiolysis and theoretical study.

Venu S, Naik DB, Sarkar SK, Aravind UK, Nijamudheen A, Aravindakumar CT; *J Phys Chem A*. 2013 Jan 17;117(2):291-99.

ORIENTATION OR REFRESHER COURSES ATTENDED

1. One week online short term Faculty Development Programme on ; **Towards A Digital Era Of Teaching And Learning** which was delivered as MOOC with four quadrants organized by UGC-HRDC, University of Kerala, Thiruvananthapuram in collaboration with KSMDDB College, Sasthamcotta, from August 12-18, 2020.
2. Online refresher course in Techno-Pedagogy Tools Towards Digital Era of Teaching conducted by S.D. College, Alappuzha in collaboration with UGC- HRDC, University of Kerala, Trivandrum, from 28-09-2020 to 11-10-2020.
3. One week FDP conducted by the Faculty development centre of the Kerala State Higher Education Council (KSHEC) Thiruvananthapuram from 8-14 July 2021.
4. One week online FDP organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College University of Delhi under the PMMMNMTT of Ministry of Education, from 29th September- 05th October 2021.
5. One week (8 days) National level online FDP on Research Methodology using ChatGPT and AI tools organized by the PG Department of Computer Applications, The IQAC and Lincoln University College Marian Research Center of Marian College Kuttikanam (Autonomous) in association with KSHEC from 21 September to 29 September 2023.
6. One week online National FDP organized by UGC- Malaviya Mission Teacher Training Centre, SGTB Khalsa College, University of Delhi, from 15th - 26th April 2024.
7. Online NEP Orientation and sensitization programme for college/university teachers conducted by UGC- Malaviya

PAPERS PRESENTED IN NATIONAL/INTERNATIONAL SEMINARS

1. ***Radical and Charge Transfer Reactions fo Ferulic Acid***; S.Swaroop, K.S.Sunish, S.Venu and C.T.Aravindakumar; Proceedings (P-24) of Photoradchem-2007 (An International conference on Frontiers of Radiation and Photochemistry), organized by School of chemical Sciences, M.G.University, Kottayam.
2. ***Active sites in Sesamol for hydroxyl radical attack: A theoretical study***; S.Venu and Sourav Pal; Appeared in the Proceedings (RC-30) of Trombay Symposium on Radiation and Photochemistry (TSRP-2008), an International conference, organized by Board of Research in Nuclear Sciences (BRNS), DAE, Government of India in collaboration with Indian Society for Radiation & Photochemical Sciences (ISRAPS) and Radiation & photochemistry Division, BARC, Mumbai.
3. ***Reaction of hydroxyl radical with thymol: A pulse radiolysis study***; S.venu, N.B Shibin, D.B.Naik, C.T.Aravindakumar; Appeared in the proceedings of 3rd Asia Pacific Symposium on Radiation Chemistry and Trombay Symposium on Radiation & Photochemistry (APSRC-TSRP-2010), organized by Board of Research in Nuclear Sciences (BRNS), DAE, Government of India in collaboration with Indian Society for Radiation & Photochemical Sciences (ISRAPS) and Radiation & photochemistry Division, BARC, Mumbai.

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