

Dr.K.Swathi

M.Pharm, PhD, PDF

Associate Professor

Institute of Pharmaceutical Technology

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Work Experience

- **Associate Professor**, Institute of Pharmaceutical Technology, Sri Padmavati Mahila Visvavidyalayam (2018- Till Date)
- **UGC –Women Post-Doctoral Fellow**, University College of Pharmaceutical Sciences, Kakatiya University (2015-2018)
- **Associate Professor**, SVS Group of Institutions(2015)
- **Associate Professor**, Kakatiya Institute of Pharmaceutical Sciences (2014-2015)
- **Assistant Professor**, Kakatiya Institute of Pharmaceutical Sciences (2008-2014)

Teaching and research Experience: 12 Years 10 Months

Research area: Development of New heterocyclic compounds for CNS and Neurological disorders. Screening of this compounds by docking study and by animal models. Finding the factors involved in Neurological problems.

Research skills: Designing of animal models (rats/mice/rabbits/guinea pigs) for neurological disorders. Study of genetical changes and neurotransmitter estimations and neurotoxicity studies. IR, NMR, Mass spectral studies of drug molecules, synthesis of new drug molecules, Repurposing of drugs by using AI tools.

Research Publications : 38 (SCI Journal Papers-12, Scopus-16) [h-index: 4, Citations: 75]

Books : 04

Patents : 04 (Filed and Published)

Seminars/ Conferences

Attended : International: 22; National: 30

Presented : International: 15; National: 25

Organized : International: 04; National: 05

Workshops/FDP's attended : 28

Research projects : 02

PhD/M.Pharm Guidance : 4 + 14

Editorial Board Member/Reviewer : International Journals -2

Professional Memberships : 06

Special Distinctions/Awards/ Honours

1. Received “Research Project of the Year” , GOREA, Hyderabad on 30 April 2019
2. Received Women Research Award 2018 by IOSRD, 25-26 May 2018.
3. Received Young Scientist of the Year 2017 Achievement Award by IOSRD, Dec 2017.
4. Won First Prize for poster entitled “Herbal Medicine for Diabetes” in DST Sponsored National Seminar 2010.
5. Won Best Poster award in CSIR Sponsored Conference on “Recent Advances In Chemical Research(2009)
6. Secured 1st rank in M.Pharmacy at UCPS, Kakatiya University, Warangal in the year 2008.
7. Secured All India 657 Rank in GATE 2006 with 95.6 percentile.

Titles of Three (3) Best Publications (Last 5 Years)

1. Evaluation of anti-epileptic effect of new indole derivatives by estimation of biogenic amines concentrations in rat brain
2. Development of novel indole molecules for the screening of anti-inflammatory activity
3. Synthesis and screening of biologically significant 5-hydroxy isatin derivatives for antioxidant activity

Professional/ Academic/ Administrative Recognitions

1. Worked as Presiding Officer in general elections to the house of the people and A.P.Legislative Assembly 2019.
2. College committee member in preparing NAAC, AICTE, PCI approval process documents for the academic years 2018-2019 & 2019-2020.
3. University Ranking Committee Member 2021.
4. NSS Programme Officer, SPMVV
5. Incharge for M.Pharm Pharmaceutical Analysis department
6. Examination Incharge for conducting B.Pharm and M.Pharm Internal Exams
7. Nominated as FIT INDIA Nodal officer for IPT.
8. Board of Studies Member in the academic years 2019-2020 and 2020-2021.
9. Acted as Fact Finding Committee member to visit to self-financing institutions for grant of affiliation for the academic year 2018-2019 appointed by JNTU Anantapur.

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