

DR .CHAKRAVARTHI GUNTUPALLI

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Dr. Chakravarthi Guntupalli working as Professor & Principal, K L College of Pharmacy, K L University. He is a highly motivated, analytical and dedicated individual with hands-on laboratory experience within Pharmaceutics fields supported by a strong academic background and methodologies combined with the ability to work productively in a multidisciplinary environment. He worked as a research scholar in the University of Sunderland UK, over 5 years of research and 14 years of teaching experience. Ph.D. in Phytochemical analysis (U.K) Master of pharmacy in Pharmacognosy (B.I.T RANCHI). For his credit he has 15 international publications in various international peer reviewed journals and he attended 3 international and 5 national conferences

Educational qualifications:

Ph.D : Sunderland Pharmacy School, University of Sunderland, United Kingdom. Awarded in the year 2008.

Master of pharmacy : Birla Institute of Technology, Mesra, Ranchi, India (1998 – 2000)

Bachelor of pharmacy : Maharaja College of pharmacy, DR.MG.R Medical University, Chennai (1993 –1997)

Dissertation:

Ph.D : Phytochemical and biological investigations of rutaceous plants
And method development using HPLC , UPLC and
Capillary electrophoresis methods.

M.Pharmacy: Phytochemical and pharmacological investigations
of *Phyllanthus maderas patensis* & *Phyllanthus niruri*

B.Pharmacy: A Field Survey & invitro study of neomycin ointments

Experience: 17 years (Teaching (12)+ Research(5))

Details	Name of the Organization	Duration		Designation	Total Experience
		From	To		
Teaching	Shadan college of Pharmacy	15-01-2000	5-2-2001	Lecture	1 year & one month
	Sultanul uloom college of Pharmacy	15-02-2001	25-11-2002	Lecture	1 year & nine months

	University of Sunderland as a research scholar	5-01-2003	21-4- 2008	Research	5 years
	Chebrolu hanumaiah institute of pharmaceutical sciences	05-06- 2009	30-06- 2010	Professor	1 year
	GITAM Institute of Pharmacy	03-07- 2010	14-07- 2012	Associate Professor	2 years
	Mother Teresa Institute of Pharmacy	23-07- 2012	28-05- 2013	Professor & Principal	1 year
	St.Marys Pharmacy college, Hyderabad	24-06- 2013	09-06- 2016	Professor & Principal	3 years
	K.L college of pharmacy	10-06-2016- 25-05-2017	25-05-2017	Professor & Principal	2 year
	K.L college of pharmacy	24-08-2019- 25-05-2017	tilldate	Professor & Principal	-

Academic Achievements:

- PhD: Scholarship from the National Health Service and Stifel labs U.K
- M.Pharmacy: Full Scholarship from the University Grants Commission (U.G.C), Department of Education, and Govt. of India.
- GATE (Graduate Aptitude test in engineering and pharmacy) for admission into Master of Pharmacy: 87.6 %(percentile), all India **350th** rank

Projects handled

Project: Estimation of Pseudouridine levels in the urine of prostate cancer patients using Capillary electrophoresis, Funded by National Health Service, sunderlandcity hospitals, U.K (2003-2004)

Phytochemical project: Method development of phytochemicals using HPLC & Capillary electrophoresis

Ph.D project: Phytochemical and Biological investigations of Rutaceae plants

No. of Ph.d students guiding: 02

Number of M.Pharmacy Projects guided: 26

Collaboration (Industry/Institutional)

- Bio-analytical method development and validation for quantification of formoterol in human plasma using lc-ms/ms method
- Analytical method development and validation of assay of celecoxib capsules by reverse phase high performance liquid chromatography
- Method development and validation of Capsosungin acetate by both normal phase & reversed phase HPLC
- Method development and validation of Felodipine USING HPLC

- Method development and validation of Amlodipine reverse phase high performance liquid chromatography

Professional society activities

- Life member of Association of Pharmaceutical Teachers of India www.aptiindia.org
- Life Member of Indian pharmacy graduates of association
- Registered Pharmacist :Tamil Nadu State pharmacy council
- Reviewer of Journal of Basic and Clinical Pharmacy [p-ISSN : 0976-0105; e-ISSN : 0976-0113]

Continuous professional development activities:

- Knowledge on ICH guidelines
- Ability to work and collaborate across multiple teams and projects.
- Preparations and modifications of Standard Test Procedures and Standard Operating Procedures.
- Analytical method development and validations for drugs and related substances by HPLC and Gas Chromatography, according to established Pharmacopeia procedures.
- Involved in the estimation of ptedouridine levels in urine samples of prostate cancer patients using Capillary Electrophoresis.
- Forced degradation studies and impurity profiles.
- Stability studies for all the APIs according to Pharmacopeia Guidelines.
- A good documentation work and preparation of protocols, workbooks and reports for analytical method validations, degradations, impurity profiles and stability studies.
- Good exposure in Pharmacopeia and FDA guidelines.
- Excellent method development skills by different Analytical techniques like HPLC, UPLC, GC and CE.
- Acquired knowledge on SOPs and GMPs.
- Strong background on various analytical software's and problem solving skills.
- I am also able to design and conduct phytochemical research which involves extraction, isolation, identification of active constituents The isolation and characterisation of active components from plants requires various techniques and methods, ranging from traditional solvent extraction methods to state-of-the-art techniques such as HPLC, UPLC, NMR, MS and LC-NMR/LC-MS.
- Have carried out *in vitro* screening of activities such as anti-oxidant and anti-fungal activity of phyto-chemicals from medicinal plants.
- Experience in screening of synthetic and natural compounds for anti-microbial activity against *S.aureus*, *P.auriginosa*, *E.coli*, *Propionobacterium acne*, *Candida albicans*, *Trichophyton rubrum*, *Trichophyton mentagrophytes* and *Epidermatophyton flucossum*

(DR.G.CHAKRAVARTHI)