

Dr. N.S. Hari Narayana Moorthy

Position : Professor
Qualification : M. Pharm PhD, PDF (Portugal)
Specialization : Medicinal & Pharmaceutical Chemistry
Department : Department of Pharmacy, IGNTU
Phone : +91 9406939561
E.mail : nshnarayanamoorthy@gmail.com,
hari.nmoorthy@gmail.com



EDUCATION:

| Course | Specialization | University | Year |
|----------|---|---|------|
| Postdoc | Medicinal Chemistry | University of Porto, Portugal | 2016 |
| PhD | Pharmacy | RGPV*, Bhopal | 2007 |
| M. Pharm | Medicinal & Pharm. Chemistry | RGPV, Bhopal | 2002 |
| B. Pharm | Pharmacy | Tamilnadu Dr. MGR Medical University, Chennai | 1999 |
| GATE | Pharmaceutical Sciences | IIT, Kharagpur | 2000 |
| PDCR | Professional Diploma in Clinical Research | Catalyst Clinical Services | 2007 |

*Rajiv Gandhi Proudlyogiki Vishwavidyalaya

EXPERIENCES:

Dr. N.S.H.N. Moorthy is having 14 years postgraduate teaching and research experiences. He has supervised postgraduate students (M.Pharm) in their minor and major research projects in various areas of pharmaceutical sciences. Dr. N.S.H. Moorthy also has 7 years postdoc experience in drug design and development field. He has served as a member, co-coordinator and coordinator in academic planning (including board of studies) and administrative committees in RGPV, Bhopal.

RESEARCH GRANTS & AWARDS

- Foundation of Science and Technology, Portugal awarded grant for Postdoc Research (2009-2016).
- AICTE, New Delhi, India has provided Career Award for Young Teacher for the Year 2006 (CAYT 2006) for design and development of novel biologically active moieties (Anticancer, antiHIV, etc) (10.5 lac)
- Scholarship from AICTE, Ministry of Human Resource Development Govt. of India (2000-2002).

RESEARCH AREA OF EXPERTISE AND INTERESTS

Drug Synthesis and Evaluation, *In silico* drug design (Pharmacodynamic and Pharmacokinetic), Pharmacological mechanism of inhibitors and signal transport studies. Catalytic mechanism studies and molecular modelling of enzymes and proteins. Analytical Method Development. Mechanism of drug transport study on hERG potassium channel and its blockers for anticancer activity. Natural product compounds for novel molecule discovery, Herbal drug standardization.

RESEARCH OUTCOMES

Seminar, Workshops and Conferences Attended : 40
Scientific Presentations in Conferences : `100 (49 (I) + 51 (N))
Publication in International/National Journals : 113 (102 (I) + 11 (N))
Books/Chapters : 06 (International publisher)
Post Graduate Research Supervision (Projects) : 37 (minor) and 29 (major)
Doctorate students supervision (PhD) : 01