

CURRICULUM VITAE

Dr. D. V. RATHNAM

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Professional Summary:

- 15 Years' experience in Analytical Research and Development
- ❖ Presently I am working as a Senior Manager in Natco Pharma Research Centre, Hyderabad from May-2018
- ❖ I had worked as a Scientist in Aurobindo Pharma Research Centre from 2006 to 2018, Hyderabad

Present job responsibilities:

- *In-charge to Structure Characterization and NMR Department*
- ❖ Planning and work distribution of regular activities in NMR lab and structure characterization reports preparation
- ❖ Prepares of structural characterization reports to Drug substances, Intermediates, Raw materials and Unknown Impurities based on NMR, Mass, IR, UV, TGA, XRD and other analytical techniques
- ❖ Giving support to structure characterization for process R & D and plants
- ❖ Review of structure characterization reports
- ❖ Quantification of residual solvents by ¹H-NMR
- ❖ Set up and perform 2D-NMR experiments
- ❖ Response to regulatory queries and OOS
- ❖ Maintaining GLP compliance and ensuring safety procedures

Previous Job Responsibilities:

- ❖ I have worked as In-charged to Preparative HPLC Lab with 10 members
- ❖ I have experience in NMR, Prep HPLC, HPLC, LCMS, GC and GCMS
- ✓ Work planning and monitoring in NMR and Prep HPLC departments
- ✓ Isolation of known and unknown impurities by Prep. HPLC
- ✓ Drug substances column purification methods developed and transferred to plant
- ✓ Isolation Impurities LCMS analysis
- ✓ Structural characterization of unknown impurities, finished products, intermediates, raw materials, degradation products and peptide molecules based on NMR, IR, Mass and solid state like XRD, DSC, TGA and other analytical techniques
- ✓ Peptide samples 2D-NMR experiments optimization and structure characterization
- ✓ Structure characterization data supporting to regulatory filing
- ✓ FDA and Agencies/vendor queries response

- ✓ TTD supporting
- ✓ Drug substances RS manuals preparation
- ✓ Impurities and intermediates COA`S preparation
- ✓ Review the NMR and HPLC calibration and audit trails
- ✓ Performing the Bruker (300MHz) & Agilent (500MHz) instruments
- ✓ Analytical method development for Residual solvents and Genotoxic impurities by Gas Chromatography
- ✓ Analytical GC and GC-MS Methods validation.
- ✓ Validation Protocols and Validation Reports review.
- ✓ Minor troubleshooting of instruments during day-to-day analysis.
- ✓ Preparation and review of STP`S.

Educational Qualifications:

Ph.D (Chemistry):

From Srikrishna Devaraya University, Department of Chemistry, Ananthapur, A.P. India. Under the guidance of Prof. V. Suryanarayana Rao. Doctorate awarded 2006. Title of the thesis “**Spectrophotometric investigation of medicinal compounds**”.

M.Sc (Chemistry):

From Srikrishna Devaraya University, Ananthapur, A.P. (1998-2000 with 1st Division)

PGDCAQM (Post-graduate diploma in Chemical Analysis and Quality Management):

From University of Hyderabad, India. (2003-2004 with 1st Division).

Post Graduate in Patents Law:

From NALSAR University of Law, Hyderabad, A.P. India. (2007-2008 with 1st division).

CERTIFICATES:

- I have given lectures on “Multidimensional NMR spectroscopy and its Software applications” in UGC-Sponsored National Conference, organized by University college of Pharmaceutical Science Acharya Nagarjuna University, 17Th & 18th March-2020.
- Participated in 2nd International Congress of Chemistry and Environment “ICCE-2005 from 24th December 2005 to 26th December 2005 held at The Emerald Heights International School, Indore, India. As to be Asst Chairman of one of the Sessions for three days of Congress.
- Participated seminar on 10th December 2007 “**IP Management & IPR Enforcement**” Japan & India by the Indian IP Alumni Association (INIPAA).

PERSONAL INFORMATION

Name : Dr. D.V.RATHNAM
Date of Birth : 1st July 1977
Marital Status : Married
Nationality : Indian
Languages known : Telugu, English
Communication address : Dr D. V. RATHNAM
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Flot No: 401, plot no: 072
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Andhrapradesh, India.

Declaration

I hereby declare that the above given information is true to the best of my knowledge.

Date :

Place :

Dr D. V. RATHNAM