

CURRICULUM VITAE

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Career Objective

Seeking a challenging environment that encourages continuous creativity and provides exposure to new ideas and stimulates personal and professional growth.

Intended Position

□ Suitable position in your esteemed Organization.

Experience – 6.0 years 6months.

- Currently working in Natco Research centre , located at Hyderabad, India, from May–2015 as a Sr.Executive in Solid State Characterization, Analytical Research and Development Department.
- Working and playing main role for maintaining of reference and working standards.

Strengths:

Assertiveness, Discipline, Confidence, Logical, Team work, Time management, and Perseverance.

Education Qualifications

POST GRADUATION: **M.Pharmacy. (Pharmaceutical Analysis)** Acharya nagarjuna university.

GRADUATION : **B.Pharmacy** from S.C.P.S affiliated to Acharya nagarjuna University.

Instrument Handling

- HPLC(waters and shimadzu with Empower 3 software).
- Powder X ray diffractometer, (PANalytical Bragg Brentano with SAX and WAX configuration).
- Differential scanning calorimeter (Mettler, Discovery 2500)
- Thermo gravimetric Analysis (TA Q500, Discovery)

- ☐ Fourier transformation Infrared (FTIR) (Bruker).
- ☐ Optical Polarized microscope(Carl Zeiss).
- ☐ Dynamic Vapor sorption analyzer (DVS-SMS)
- ☐ Particle size analyzer(Malvern 3000)
- ☐ BET Specific surface area.

Key activities and work profile

Analytical support .

PXRD:

- ☐ Support to ARD,CRD,RA and plant samples by doing regular analysis by XRD.
- ☐ Check the ingredients and the presence of polymorphic Form in tablets by regular Identification.

FT-IR:

- ☐ Support to CRD and ARD by doing regular and COA analysis by IR.

DSC:

- ☐ Study the phase changes of sample w.r.t temperature.
- ☐ To check the melting point.
- ☐ Polymorphic study by DSC.

TGA:

- ☐ Calculate the weight loss for total sample.
- ☐ Identification of degradation temperature of sample

Optical Polarized Microscope:

- ☐ Differentiate the amorphous and crystalline materials under optical microscope.
- ☐ See the particle size by capturing images in dry and wet mount by PLM
- ☐ Understanding the API morphology by image analysis.

Dynamic Vapor sorption analyzer:

- ☐ Understand the hydrate formation and interaction of uptake water with drug molecule by sorption-desorption studies.

Particle Size analysis by Malvern Master sizer:

- ☐ Primary evaluation of particle size by image analysis.
- ☐ Method development by Dry and Wet methods.

HPLC:

- ☐ Support to ARD and CRD by doing regular and COA analysis and involved in development studies.

□

Working and reference standards:

- Maintenance of working and reference standards wrt inhouse, plant and pharmacopeial standards.
- Review of analytical data and COA's wrt to standards and it's maintenance.
- Playing important role in standard related queries and decision making in trouble shooting.
- Experience the USFDA audit in 2017 and dynamically face the auditors during audit.

My key contributions:

- Key support in analysis to RA, IP, plant and Customer queries for API.
- Preparation of Analytical Method development reports and SOP's wrt to SSC.
- Co-ordination in polymorphic stress studies and Preparation of technical reports wrt SSC.
- Maintenance of working and reference standards wrt in-house and received from other plant divisions.
- Review of COA's and analytical data wrt SSC.

My key attributes:

- Good time management, and decision making skills, keep desire to learn new techniques and develop ideas.
- Good oral and ppt presentation skills.
- Strong leadership skills and has the ability to work in and/or lead teams.
- Effective team player, able to work in a flexible, dynamic working environment.
- Good multi-tasking with good time management skills.

Personal Profile

NAME : CHILKA .INDIRA.

FATHER'S NAME : CH.VICTOR BABU.

MARITAL STATUS : Unmarried

SEX : Female.

LANGUAG KNOWN : Telugu, English & Hindi.

PERMANENT ADDRESS : Ch.Indira,
D/O Ch. Victor babu,
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Yours faithfully,

(Ch.Indira)