

Curriculum Vitae



D. VINAY KUMAR

Career Objective:

To work in a healthy, innovative and challenging environment extracting the best out of me, which is conducive to learn and grow at professional as well as personal level thereby directing my future endeavor as an asset to the organization.

Personal details:

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Date of birth 06/02/1984
Marital Status Married
Nationality Indian,
Languages Known Telugu, English, Hindi and Tamil.
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Academic Qualification:

- *Ph.D., from Jawaharlal Nehru Technological University Kakinada, Kakinada in July 2021.*
- *M.Pharm., (Pharmaceutics) with 64% from Sankaralingam Bhuvanewari college of Pharmacy, Sivakasi, affiliated to The Dr. M.G. R. Medical University, Tamilnadu in June 2009.*
- *B. Pharm., with 64% from Dr. Samuel George Institute of Pharmaceutical Sciences, Markapur affiliated to Acharya Nagarjuna University in June 2007.*
- *HSE from Vignan Vidyalayam, Visakhapatnam with 76% in 2002.*

Project Handled in Post-Graduation:

M.Pharm dissertation work had done in college under the guidance of eminent Prof. **Dr. V. Palanichamy**, M.Pharm., Ph.D., and title of my dissertation "**Formulation and Evaluation of Silymarin Floating Drug Delivery System**".

<u>Project Handled in Ph.D.,</u>	Under the esteemed guidance of <i>Dr.J.V.L.N. Seshagiri Rao, Retd. Prof.</i> , Andhra University, Visakhapatnam and title of my work <i>“Analytical method development and validation for estimation of some pharmaceutical dosage forms by RP-HPLC”</i> .
<u>Professional experience:</u>	<p><u>Teaching Experience:</u> Working as Assistant Professor (Contract) in Jawaharlal Nehru Technological University, Kakinada from October 2009.</p> <p><u>Research experience:</u> Having research experience of 10 year in the field of Pharmaceutics and Pharmaceutical analysis. I had joined as a part-time research scholar in School of Pharmaceutical Sciences & Technologies, JNTUK in 2010.</p>
<u>Paper Publications:</u>	<ul style="list-style-type: none"> ➤ <i>“Hepatoprotective Activity of Silymarin Floating Drug Delivery System Against Anti Tuberculosis Drug”</i>, <i>International Journal of Pharmaceutical Technology</i>, March 2010. ➤ <i>“Formulation and Evaluation of Bilayer Sustained Release Tablets of Metoprolol Succinate and Telmisartan”</i>, <i>International Journal of Pharmaceutical Science and Biotechnology</i>, 2010. ➤ <i>“Transdermal Drug Delivery System: A Review”</i>, <i>Current Pharma Research</i>, October - December 2010. ➤ <i>“Preparation and evaluation of Diltiazem sustained release tablets by using wet granulation technique”</i>, <i>Journal of Global trends in Pharmaceutical Sciences</i>, April - June 2011. ➤ <i>“Preparation and evaluation of Extended Release tablets of Carbamazepine with HPMC K4M”</i>, <i>Journal of Global trends in Pharmaceutical Sciences</i>, April - June 2011. ➤ <i>“Formulation And Evaluation Of Silymarin Floating Drug Delivery System”</i>, <i>Research Journal of Pharmacy and Technology</i>, March 2011. ➤ <i>“Analytical Method Development and Validation of Aliskiren in bulk and tablet Dosage Form by Reverse Phase HPLC method”</i>, <i>Journal of Pharmacy Research</i>, March 2011. ➤ <i>Method development and validation for determination of Anti-factor IIa potency of Heparin Sodium Chromogenic method”</i>, <i>International Journal of Pharma Sciences</i>, Nov 2012. ➤ <i>“Formulation and evaluation of Vildagliptin sustained release matrix tablets”</i>, <i>International journal of Current Pharmaceutical Research</i>, Sep 2014. ➤ <i>“A new validated stability indicating RP-HPLC method</i>

	<p><i>for simultaneous estimation of sofosbuvir and ledipasvir in tablet dosage forms” World Journal of Pharmaceutical Research, 2018, 763-778.</i></p> <p>➤ <i>“A new validated stability indicating RP-HPLC method for simultaneous estimation of metformin HCL and empagliflozin in tablet dosage forms”, IJPRMS, 2018, 1(5), 16-22.</i></p> <p>➤ <i>“A new validated stability indicating RP-HPLC method for simultaneous estimation of grazoprevir and elbasvir in tablet dosage forms”, IJPSR, 2020, 11(4), 1000-07.</i></p>
<u>Project handled in the organization:</u>	<ul style="list-style-type: none"> • Total No. of PG projects handled in the institution: 45 nos. (Pharmaceutics) & 28 nos. (Pharm. Analysis) • Handled project in the field of novel drug delivery system like modified controlled release systems, sustained drug delivery systems, liposomes, niosomes, floating drug delivery systems, mucoadhesive drug delivery systems, oro dispersible tables, etc., in additions the developed formulations were evaluated using UV-Vis spectrophotometer and HPLC. • Method development and validation of selected drugs in combined dosage forms using HPLC and UV – Vis spectroscopy.
<u>Paper Presentations:</u>	<p>➤ <i>“Validated spectrophotometric determination of Aliskiren in bulk drug and pharmaceutical dosage form” – IPC 2010.</i></p> <p>➤ <i>“Development and Validation of RP-HPLC method for the estimation of Pravastatin sodium in bulk and tablet dosage form” – IPC 2010.</i></p> <p>➤ <i>“A new validated stability indicating RP-HPLC method for simultaneous estimation of metformin hydrochloride and empagliflozin in tablet dosage forms” – IPC 2016.</i></p>
<u>Achievements:</u>	<p>Received 1st prize and best poster presentation in field of Pharmaceutical sciences during 68th IPC.</p> <p>Participated in Novel delivery systems, recent techniques tableting methods, QbD design in the optimization techniques of formulation development lectures.</p> <p>Registered Pharmacist in Andhra Pradesh Pharmacy Council, Hyderabad.</p> <p>Registered member in Association of Pharmaceutical Teachers of India (APTI).</p>
<u>Areas of Interest:</u>	<p>➤ Pre formulations studies</p> <p>➤ Formulations and development</p> <p>➤ Stability studies on finished products</p> <p>➤ Drug regulatory affairs</p> <p>➤ Analytical method development</p>
<u>Instruments Handled:</u>	<p><i>Having well experience in operating equipments like 8- Stage Dissolution Apparatus; 10 – Stage Compression</i></p>

	Machine; Tablet coating; Stability Chamber; Drying equipments – Tray drier; Coating machine; HPLC; FTIR; UV-Vis Spectrophotometer.
<u>Academic Activities:</u>	<ul style="list-style-type: none"> • Having knowledge in handling AICTE related works. i.e., Student Scholarships and Approvals of the Institution. • Handling works related to the Pharmacy Council of India (PCI) Inspections and Animal Ethical Committee.
<u>Computer Knowledge:</u>	<ul style="list-style-type: none"> ➤ A hand on experience in documentation using MS-WORD, MS-EXCEL. ➤ A brief experience in handling of internet & collection of scientific literature.

Signature