

**FACULTY PROFILE**

**Name of the faculty:** Mrs. Swetha Vegesna

**Qualifications:** M.Pharm. (Ph.D.)

**Specialization:** Pharmaceutical Analysis

**Designation:** Assistant Professor (Contract)

**Email:** [sweth.analysis@gmail.com](mailto:sweth.analysis@gmail.com)

[swethatarunya.11@gmail.com](mailto:swethatarunya.11@gmail.com)

**Mobile No:** 9949178567

**Experience:** Academic- 13 years

2Yrs 8 Months - Avanthi Institute of Pharmaceutical Sciences, Vizianagaram

9Yrs 10 Months - SOPST, JNTUK

**Research Papers Published:** National- 14

1. Method Development and Validation of Vardenafil in Bulk drug form using RP-HPLC. World Journal of Pharmacy and Pharmaceutical Sciences, Volume 5, Issue 12, 1109-1136.,ISSN 2278 – 4357.
2. Method Development and Validation for Simultaneous estimation of MetforminHCl and Gliclazide By RP-HPLC in bulk and tablet dosage form. Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry. 5(1), 2017, 13-22. ISSN: 2321 – 0923.
3. Method Development and Validation for Simultaneous estimation of Ceftolozane and Tazobactam by RP-HPLC method in pure and pharmaceutical dosage form. Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry. 5(1), 2017, 23-31. ISSN: 2321 – 0923.
4. Stability indicating Method Development and Validation for Simultaneous estimation of Lopinavir and Ritonavir by using RP-HPLC. European Journal of Pharmaceutical and Medical Research, 2017,4 (11), 516-520. ISSN 2394-3211.
5. RP-HPLC Method for Simultaneous Estimation of Telmistran and Atorvastatin from bulk and pharmaceutical dosage form. World Journal of Pharmaceutical Research volume 9, issue 13, 449-457. ISSN 2277– 7105.
6. Analytical Method Development and Validation of TeneligliptinHBR active pharmaceutical ingredient by using GC. International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 11, November-2021, Impact Factor: 7.429,
7. Analytical Method Development and Validation of Teneligliptin HBR active pharmaceutical ingredient by using RP-HPLC. International Journal of Biology Pharmacy and Allied Sciences. July, 2021, 10(7): 2250-2262 ISSN: 2277–4998.
8. Analytical Method Development and Validation for Simultaneous estimation of Cobicistat and Elvitegravir by RP-HPLC method in pure and pharmaceutical dosage form. Asian Journal of Pharmaceutical Analysis, 2017; 7(3): 151-158.
9. Analytical Method Development and Validation of Stability indicating Assay Method of Ticagrelor tablets by using RP-HPLC. World Journal of Pharmaceutical and Medical Research.ISSN 2455-3301,2017,3(10), 235-241

10. Analytical Method Development and Validation for Simultaneous estimation of Ampicillin and Cloxacillin capsules by using RP-HPLC, World Journal of Pharmaceutical Research, Volume 6, Issue 14, 1024-1032. ISSN 2277– 7105.
11. RP-HPLC Method Development and Validation for Simultaneous estimation of Sacubitril and in bulk and pharmaceutical dosage form. World Journal of Pharmaceutical and Life Sciences, 2017, Vol. 3, Issue 9, 185-191 ISSN 2454-2229
12. A Review on Analytical Method Development and Validation. World Journal of Pharmaceutical Research Volume 10, Issue 1, 745-768. ISSN 2277– 7105.
13. Simultaneous Estimation of New Analytical Method Development and Validation of Fluticasone and Vilanterol by RP-HPLC in bulk and marketed formulation. World Journal of Pharmaceutical Research Volume 9, Issue 14, 600-620. . ISSN 2277– 7105
14. UV Spectroscopic Method Development and Validation of Empagliflozin in bulk and tablet dosage form. IJNRD.ORG, Volume 7, Issue 8 August 2022.

#### **Patents: 04**

##### **1. Title of the invention : A novel formulation having nanobubbles for sanitation**

Date of filing of Application: 18/01/2022 & Publication Date: 04/02/2022

Application No.202241002751 A

The Patent Office Journal No. 05/2022 Dated 04/02/2022 6270

##### **2. Title of the invention : Traditional method of medicinal plants to treat human diseases**

Date of filing of Application: 25/01/2022 & Publication Date: 04/02/2022

Application No.202241004328 A

The Patent Office Journal No. 05/2022 Dated 04/02/2022 6378

##### **3. Title Of The Invention : Compositions For NanoEmulsion Delivery Systems and Preparation Method Thereof**

Date of filing of Application: 27/02/2022 & Publication Date: 11/03/2022

Application No.202211010457 A

The Patent Office Journal No. 10/2022 Dated 11/03/2022 14204

##### **4. Title of the invention : Nanotechnology formulation of poorly soluble compounds through microfluidization process.**

Date of filing of Application: 28/02/2022 & Publication Date: 11/03/2022

Application No.202241010593 A

The Patent Office Journal No. 10/2022 Dated 11/03/2022 14425

#### **Book Publications / Chapters: 02**

1. Microbiology and Pathology, scientific International Publishing House, First edition, 2022, ISBN- 978-93-5525-092-5.
2. A Reference Book: Herbal Drug Technology (Theory and Practical), BFC Publications Pvt. Lmt. 2022, ISBN- 978-93-5509-720-0.

**Seminars/Conferences attended & Papers presented: 28**

**Student projects guided: M.Pharm :- 21**

B.Pharm: 9 batches

**Contributions to College development: Departmental III-Placement cell Co - Ordinator**

**Membership in Academic bodies: APTI**

*Life Member of APTI (Association of Pharmaceutical Teachers of India)*

*Membership No: AP/LM-1058*

**Any other Achievements/ relevant information to be furnished:**

1. Ratified as Asst.Professor by JNTUK in the year 2012
2. Name was considered for Dr. APJ Abdul Kalam Life Time Achievement National Award for remarkable achievements in the field of Teaching, Research & Publications by International Institute for Social and Economic Reforms.
3. Poster evaluator in the scientific session of 68<sup>th</sup> IPC
4. Appointed as Observer And Examiner for various Institutions in Srikakulam and Vizianagaram districts during 2011& 2012

*V. Sweta*

**Signature of the staff**