

Annual Report 2021-22

VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN
Enikepadu, Vijayawada – 521108

ACADEMIC ANNUAL REPORT

AY: 2021-2022

1. Add on/Certificate Programmes

Name of Program	Add on Program/ Certificate Program	Class	Resource Person	Schedule
Medical Writing	certificate program	IV B Pharm	Ms. M. Soumya Reddy Instructor Ruver Technologies, Vijayawada.	18 th September 2021 to 20 th November 2021
Pharmacovigilance	certificate program	IV B Pharm	Ms. V. Ysaswi Instructor Ruver Technologies Vijayawada	11 th September 2021 to 20 th November 2021
Campus Recruitment Training (CRT)	certificate program	IV B Pharm	Mr. L. V. Gangadhara Rao Future Wise Gannavaram	06-09-2021 to 18-09- 2021

Campus Recruitment Training (CRT)	certificate program	IV Pharm D	Mr. L. V. Gangadhara Rao Future Wise Gannavaram	1 st November 2021 to 20 th November 2021
Statistical Analysis System (SAS)	certificate program	IV B Pharm	Mr. K. Varaha Kumar Proprietor and SAS Consultant Clinlogics Academy Visakhapatnam	21-3-2022 to 26-5-2022
Research Design, Execution & Publication	Add on Program	III B Pharm	Dr. S. Sundar, Professor Mr. V. Srinivas, Assoc. Professor	18-09-2021 to 04-12-2021
Advances in Pharmaceutical Drug Delivery and Technology	Add on Program	II M Pharm	Dr. S. Venkateswara Rao, Professor Dr. P. Aparna Assoc. Professor	8 th to 20 th November 2021
Scientific Approach to Analytical Method Development and Validation Activities	Add on Program	II M Pharm	Dr. G. Surendra Assoc. Professor Mr. M. Bala Krishna Asst. Professor	22-11-2021 to 04-12-2021
IPR, Patent Drafting, Filing & Processing	Add on Program	II M Pharm	Mrs. B. Hemalatha Asst. Professor Mrs. G. Pramoda	06-12-2021 to 18-12-2021

			Asst. Professor	
Pharmacovigilance	certificate program	IV Pharm D V Pharm D VI Pharm D	Cavaxia Clinical Research Academy	From 18 th September 2021
Clinical Research	certificate program	III Pharm D IV Pharm D V Pharm D VI Pharm D	Cavaxia Clinical Research Academy	From 18 th September 2021
Clinical Data Management	certificate program	IV Pharm D V Pharm D VI Pharm D	Cavaxia Clinical Research Academy	From 18 th September 2021
Base SAS (Statistical Analysis System)	certificate program	V Pharm D VI Pharm D	Cavaxia Clinical Research Academy	From 18 th September 2021
Regulatory Affairs	certificate program	III Pharm D IV Pharm D V Pharm D	Cavaxia Clinical Research Academy	From 18 th September 2021

2. Research Publications

Research Publications A.Y. 2021-22 (Oct 2021 onwards)

Department of Pharmaceutics:

1. Madhumathi, B. Hemalatha*, K. Padmalatha. Fast Dissolving Tablets: A Review. Asian Journal of Pharmacy and Technology, 2022, 12(2): 183 – 189.
2. K Naga Prathyusha, B. Hemalatha, K. Padmalatha. Synthesis and characterization of calcium starch: A New Controlled Release Polymer for floating tablets of Losartan Potassium. Asian Journal of Pharmaceutical Research. 2021, 11(4):219-6
3. A. Bhavani, B. Hemalatha, K. Padmalatha. Formulation, Development and In Vitro Evaluation of Sustained Release Matrix Tablets of Cefpodoxime Proxetil. Asian Journal of Pharmacy and Technology. 2021, 11(4):273-8

4. A.V.S.Himabindu, G. Bhavya, K. Padma Latha. Floating Drug Delivery System: An Overview, Asian Journal of Research in Pharmaceutical Sciences, 2021, 11(4): 295-300.

Department of Pharmaceutical Analysis:

1. Ch. Anupama Swathi, Tummala Harshitha. A Review on Capillary Electrophoresis Methods for Impurity Profiling of Drugs. European Journal of Pharmaceutical and Medical Research, 2022 9(2), 103-108.
2. Dr. K. Padmalatha, D. Vijaya Durga, N; Jagadeeswari. A Novel Study on RP-HPLC Method Development and validation for Estimation of Netarsudil and Latanoprost in API and Pharmaceutical Dosage Forms. World Journal of Pharmaceutical Research, 2021, 10(12):1624-1633.
3. Dr. K. Padmalatha, D. Vijaya Durga, N; Jagadeeswari. A Review Study on Analytical Method Development of Netarsudil and Latanoprost by using different analytical methods. Asian Journal of Medical and Pharmaceutical Sciences, 2021, 9(1):33-37.

Department of Pharmacology:

1. S. Sundar, V.S.L.S. Gayatri, K. Padmalatha. Determination of Hepatoprotective Activity of Methanolic Extract of *Ipomea reniformis*. Journal of Pharmaceutical Sciences & Research, 2021,13(11):669-676.
2. Jeeva S, Mariappan A, Meenakaumari R, S. Sundar. To Assess the Health Seeking Behaviour and Awareness About Traditional Medicine of the Tribal People (Narikuravar Tribes) in Tamil Nadu- A Cross Sectional Study. Indo American Journal of Pharmaceutical Sciences, 2022, 09 (03): 104-107
3. Jeeva. S, Velaman D, Mariappan A, Visweswaran S, Sivakkumar S, Sudharevathy R, S. Sundar, Meenakumari R. Effective Management of Plantar Psoriasis (*Kalanjagapadai*) through Siddha Medicines: A Case Report. Scholars Journal of Medical Case Reports, 2022, 10(4): 412-415.
4. S Sundar, Evaluation of Bacterial Resistance of Cefadroxil, Cephalexin Against Gram-Positive and Gram-Negative Micro-Organisms, Asian Journal of Pharmaceutical and Clinical Research, 2022,15,(5):54-57.

Department of Pharmaceutical Chemistry & Phytochemistry

1. U Sony, U Mounica Sarojini, Ch Divya, D Prasanna, Dr. K Padmalatha. Potential Biomarkers in Breast Cancer and the Role of Chromatography in their Monitoring: A Review of the Past Decade. World Journal of Pharmacy and Pharmaceutical Sciences, 2022, 11(5):615-636.
2. Vani M, Latha Sri K, Ratna Harika Ch, Tejaswi Komal Sai S, Santhi P, Padmalatha K. A detailed investigation of phytochemical, biological and commercial utilization of horse tail tree *Casuarina equisetifolia*. Asian Journal of Pharmaceutical Research. 2022, 12(1):88-95
3. Lavanya K, Nishath Sabira Sk, Abdul Rokaya, Vennela V, Vani M, Padmalatha K. Anti-Ageing- A Review. International Journal of Pharmaceutical Sciences Review and Research. 2022, 73(2):114-121.

1. Organized Seminars/ Workshops/ Conferences A.Y. 2021-22

1. In Collaboration with Association of Pharmacy Professionals (APP), a two day 4th Indo Swiss Virtual International Conference was conducted on “Current Scenario & Challenges in Pharmacy Practice & Pharmaceutical Sciences” from 20.05.2022 to 21.05.2022
2. An Awareness Program on “Entrepreneurship Development” was conducted by Entrepreneurship Development Cell of VIPW on 19.5.2022
3. A National Seminar on “Intellectual Property Rights-IPR” was conducted by IPR Cell of VIPW on 17.03.2022
4. In Collaboration with Association of Pharmacy Professionals (APP), a two day 15th Indo Malaysian International Conference was conducted on “Global Progress & Upcoming Challenges in Pharmaceutical Sciences” from 11.03.2022 – 12.03.2022
5. In Collaboration with Anti-Viral Research Society a National Webinar on “Art of Writing Project Proposal” was conducted on 05.03.2022
6. In Collaboration with Anti-Viral Research Society an International Webinar on “Scientific Writing” was conducted on 26.02.2022
7. In Collaboration with Anti-Viral Research Society an International Webinar on “Hunam Urine Derived Induced Mesenchymal Stem Cells for Autologous Therapy was conducted on 22.01.2022

5. Extension Programs

1. 32 NSS volunteers of the institution has participated in Project suraksha organized by OYSC on 21.10.21.
2. The institution in association with Pharmaceuticals and Medical devices celebrated Janaushadi Mithra Sammelan on the occasion of Unity day on 29.10.21 around 203 students participated.
3. Staff member attended the plantation programme organized by IRCS on 02.11.21 at Collector’s Office
4. Around 700 plant saplings are received by the institution from IRCS on 06.11.21 and they distributed to the students.
5. Diabetes awareness programme was organized by the institution to the patients of GGH on 15.11.21
6. VIPW-NSS/IPA/IPASF Units organized National Pharmace Week -21 from 22.11.21 to 26.11.21
7. VIPW-NSS/IPA/IPASF Units organized Awareness programme on AIDS to the Patients at GGH on 01.12.21

8. VIPW-NSS/IPA/IPASF Units conducted vaccination drive to the staff and students in the campus.
9. Republic Day was held by VIPW-NSS/IPA/IPASF Units on 26.01.2022 and 232 students took active part in the celebrations.
10. 195 students participated in Awareness on cancer organized on 04.02.2021 in association with American Oncology Hospitals.
11. Awareness on Sustainable practices has been organized by the institution in association with MHRD V Pharmd Students participated.
12. NSS Special camp was conducted at Manikonda Village and ZPP & MPP schools from 21.03.22 to 27.03.22 II, III, IV Pharm D students participated.
13. The students of V pharm D organized an awareness programme on Hemophilia on the occasion of World Hemophilia Day to the patients of GGH.
14. On the occasion of World Earth day the institution in association with IRCS planted Plants in the campus around 116 students participated in the programme
15. On 25.04.2022 the students of II Pharm D organized an awareness rally at Kannuru village by holding the placards to eradicate the mosquitoes on the occasion of World Malaria Day. The Students of V pharm D created an awareness to the patients of GGH on the occasion of World Thalassemia Day on 08.05.22.

6. Faculty Attended Professional Development Programmes

LIST OF CONFERENCES/WORKSHOPS ATTENDED BY THE FACULTY DURING THE ACADEMIC YEAR 2021-22

(Both In House & Out house)

S. No	Name of the Teacher	Name of the conference/Workshop attended	Date	Venue
Academic Year 2021-22				
1.	Dr. M. Vani	Online teacher training workshop on “Advanced Pharmacognosy Challenges and Innovations”	03.05.2022	JSS College of Pharmacy, Ooty
2.	Dr. K. Purushothama Reddy	Workshop on Pharmaceutical care and Health Informatics	29.04.2022	KVSR Siddhartha college of Pharmaceutical Sciences, Vijayawada
3.	Mrs. PMM. Naga Lakshmi Varma	A Seven-day Online FDP on “Enhancing Quality by unearthing Innovative Practices-Equip 2022”	18.04.2022 - 24.04.2022	A.P.C Mahalaxmi College for Women, Thoothukudi

4.	Prof.K. Padmalatha	Delivered a Guest Lecture “Smart and Strong Women in Pharmaceutical Industry”	08-03-2022	Nalanda College of Pharmacy, Nalgonda
5.	Mrs. V. Vandana devi	Delivered a Guest Lecture during the Three-day online training programme on “English and soft skills for career development”	06.04.2022	Lendi Institute of Engineering and Technology, Vizianagaram
6.	Mrs. V. Vandana devi	Delivered a Guest Lecture on “Soft skills and Personality Development”	06.04.2022 - 11.04.2022	Vijaya institute of Technology for women
7.	Dr. K. Purushotama Reddy	Breaking Bad News	05.04.2022	Medflix
8.	Dr. K. Purushotama Reddy	Two day National conference on “Recent advances in evidence based pharmacotherapy”	23.04. 2022	Chebrolu Hanumaiah Institute of Pharmaceutical sciences, Guntur
8.	Dr. K. Purushotama Reddy	Presentation Oration entitled “Evaluation of ADRs in Hospitalised elderly patients: A Cohort study”	11.03.2022 - 12.03.2022	Vijaya institute of pharmaceutical sciences for women
9.	Dr. K. Purushotama Reddy	National webinar	07.03.2022	Sri Vasavi Institute of Pharmaceutical Sciences, Tadepalligudem
10.	Mrs. PMM. Naga Lakshmi Varma	3 day National webinar on “Analytical methods for stability testing of Pharmaceuticals and Herbal formulations”	07.03.2022 - 09.03.2022	Sri Vishnu college of Pharmacy, Visakhapatnam.

1	Dr. K. Purushotama Reddy	National webinar on “Recent trends in Analytical techniques for the development of pharmaceutical Drugs”	05.03.2022	Nimra college of pharmacy, Jupudi
2	Mr. A. Jayarami Reddy	One week e-Faculty development programme on “Recent Advances in Herbal Medicine”	28.02.2022 - 05.03.2022	Vaagdevi pharmacy College, Warangal.
3	Ms. S. Jaya sai Keerthana			
4	Dr. K. Purushotama Reddy	International webinar on “Scientific Writing”	26.02.2022	Vijaya institute of pharmaceutical sciences for women, Enikepadu
5	Mr. A. Jayarami Reddy			
6	Mrs. AVS. Hima Bindu			
7	Mrs. D. Prasanna			
8	Mrs. K. Divya			
9	Mrs. N. K. S. Neeraja			
20.	Mrs. N. K. S. Neeraja	R-DNA Technology and fermentation in industry: An Integrated approach in science and technology for sustainable future	26.02.2022	SRR & CVR Govt. degree college, Vijayawada
21.	Mrs. K. Radha			
22	Mrs. N. K. S. Neeraja	A Webinar on “Individual and Institutional measures to enhance the effective use of plants as nutraceuticals”	26.02.2022	Pulla Reddy institute of Pharmacy, Hyderabad

2 3	Dr. K. Purushotama Reddy	Webinar on “Recent advances and Global framework to support career development”	26.02.2022	Kamla nehru college of Pharmacy, Nagpur
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24.	Mrs. AVS. Hima Bindu	One week e-International FDP on “Herbal medicine research and Global Health”	09.02.2022-14.02.2022	K.T. Patil College of Pharmacy, Osmanabad
1.	Mrs. D. Prasanna			
2.	Mrs. Ch. Anupama Swathi			
3.	Mrs. A. Bhavana			
4.	Mrs. N. K. S. Neeraja			
5.	Mrs. K. Radha			
6.	Dr. K. Purushotama Reddy	One week FDP on “Research writing”	07.02.2022-11.02.2022	Vijaya Institute of pharmaceutical sciences for women, Enikepadu
7.	Mr. A. Jayarami Reddy			
8.	Mrs. PMM. Naga Lakshmi Varma			
9.	Mrs. D. Prasanna			
10.	Mrs. AVS. Hima Bindu			
11.	Mrs. N. K. S. Neeraja			
12.	Mrs. K. Radha			
13.	Mrs. Ch. Anupama Swathi			
14.	Mrs. A. Bhavana			
15.	Dr. K. Purushotama Reddy	One week FDP on “Research writing and publishing”	05.02.2022-18.02.2022	St. Paul’s college of Pharmacy, Hyderabad
16.	Mr. A. Jayarami Reddy			
17.	Dr. M. Vani			
18.	Mrs. PMM. Naga Lakshmi Varma			
19.	Mr. Y. Naveen			
20.	Mrs. K. Divya			
21.	Mrs. K. Radha			
22.	Mrs. N. K. S. Neeraja			
23.	Mrs. A. Bhavana			

24.	Mrs. N. K. S. Neeraja	An FDP on “ NAAC accreditation of health science and General universities”	15.02.2022-19.02.2022	Clinimed Geethanjali University, Udaipur
25.	Dr. K. Purushotama Reddy	Workshop on Process of innovation development and technology readiness level and commercialization of lab technologies and tech transfer	15.02.2022	Vignan pharmacy college, Guntur
26	Mrs. N. K. S. Neeraja			
27.	Dr. M. Vani	Online Course on regulatory Affairs	15.02.2022-20.02.2022	RIPER, Ananthapuram
28.	Dr. K. Purushotama Reddy	Certification programme in “Clinical research, Pharmacovigilance, Medical Writing , Clinical data management and medical devices”	15.02.2022	Clinoxy Solutions
29.	Dr. K. Purushotama Reddy	Learn six sigma yellow belt project	14.02.2022	Apollo hospitals
30.	Dr. K. Purushotama Reddy	One day webinar on “Pharma care opportunities and Challenges”	12.02.2022	IPGA, Telangana
31.	Dr. K. Purushotama Reddy	National webinar on “New face of Clinical research -Pre and post Covid-19”	29.01.2022	Nimra College of pharmacy, Jupudi
32.	Dr. K. Purushotama Reddy	Recent health care Technologies	27.01.2022	Vivekananda Educational society’s college of pharmacy, Mumbai
33.	Mrs. AVS. Hima Bindu	Internal Webinar on “Novel sterically stabilized Di Sulphide linkers for gene therapy and peptide drug discovery”	28.01.2022	Pulla Reddy institute of Pharmacy, Hyderabad
34.	Mrs. Ch. Anupama Swathi			

35.	Dr. K. Purushotama Reddy	“Cloud based Hands on workshop: Computational structure-based drug design”	24.01.2022	ISF college of Pharmacy, Moga
36.	Dr. K. Purushotama Reddy	Webinar on “Artificial intelligence - Applications in Pharma Sector”	23.01.2022	IPGA National, IPGA south Zone
37.	Dr. K. Purushotama Reddy	International webinar on “Human urine derived Induced Mesenchymal stem cells for autologous therapy”	22.01.2022	VIPW, Vijayawada
38.	Dr. K. Purushotama Reddy	One-week online FDP on “Recent advances in science and Technology Innovations”	18.01.2022-22.01.2022	Vishnu Institute of Pharmaceutical education and Research, Narsapur
39.	Mrs. N.K.S. Neeraja	One day workshop on “Introductory data science course”	15.01.2022	Shaastra 2022 IIT Madras
40.	Dr. M. Vani	One day online workshop on “Research paper writing using latex”	09.01.2022	Educorp center for research and Advanced studies pvt. ltd
41.	Mrs. PMM. Naga Lakshmi Varma	National webinar on “Approaches and Challenges in pharmaceutical sciences”	07.01.2022-08.01.2022	Theegala Krishna Reddy college of Pharmacy, Rangareddy, Telangana
42.	Mrs. N.K.S. Neeraja	A Webinar on “Mitochondrial metabolic Reprogramming in cancer”	06.01.2022	Caritas college of Pharmacy, Kottayam
43.	Dr. K. Purushotama Reddy	APSSDC webinar on “Modern Software’s in drug discovery development and optimization”	03.01.2022-08.01.2022	AP state skill development corporation
44.	Dr. P. Aparna			
45.	Mrs. AVS. Hima Bindu			
46.	Mrs. Ch. Anupama Swathi			
47.	Mrs. PMM. Naga Lakshmi Varma			
48.	Mrs. K. Radha			

49.	Mrs. A. Bhavana			
50.	Mrs. N.K.S. Neeraja			
51.	Mrs. V. Vandana Devi	Online short-term Course on Gender Sensitization	24.12.2021-30.12.2021	Pondicherry University
52.	Dr. M. Vani	Online Workshop on “Microbial phylogeny- Bacteria, Fungi, Virus”	16.12.2021-18.12.2021	Sage university, Bhopal
53.	Dr. K. Purushotama Reddy	Poster presentation on “Mild Cov-19: Aspirin, Prednisolone and azithromycin improve outcome”	17.11.2021-18.11.2021	Coalesce Research group
54.	Mrs. K. V. R. Rajeswari	Webinar on “Envisioning and accomplishing a Substantial NAAC score and Grading for our Pharmacy Institutions”	31.10.2021	Society of Pharmaceutical sciences and Research (SPSR)
55.	Mrs. K. V. R. Rajeswari	Virtual master class on “Program sustainability and Exit Strategies”	18.10.2021-22.10.2021	Navjivan center for Development , Gujarat
56.	Mrs. K. Radha	Bringing life to PK profiles-In -vivo Relevance from an In vitro Environment	06.07.2021	Technology Networks
57.	Dr. M. Vani	National webinar on “Innovations and Applications of Data Analytics in Medicinal chemistry”	07.05.2021	Nirmala College of pharmacy, Atmakuru

Ph.D. Awardees

Mrs. Mamillipalli Vani Dept. of Pharmacognosy was conferred with a doctorate from JNTUK University, Kakinada for his thesis entitled “Pharmacological and Phytochemical Screening of Four Indigenous Medicinal Plants” in January, 2022

Mr. S. Venkateswara Rao,, Dept. of Pharmaceutics was conferred a doctorate in March, 2021 for his thesis entitled, “ Development of Flutamide Loaded Polymer Nano Carriers for Chemotherapy of Prostate Cancer” during March 2021.

Mrs. B. Hema Latha & Mrs A V S Hima Bindu, Department of Pharmaceutics stood First and Seventh respectively in the APRCET Entrance Examination 2021 and received admission for pursuing their research from Andhra University.

Prof. K. Padmalatha, Principal received the Best Principal Award from APP and has been appointed the Secretary of APP Association of Pharmacy Professionals, AP State Branch.

Mrs. PMM. Naga Lakshmi Varma	Best Talent Award in APP 15 th Indo Malaysian conference-2022	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women
Mrs. AVS. Hima bindu	Best Teacher Award in APP 15 th Indo Malaysian conference-2022	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women
Dr. N. Prathibha	Best Pharmacist Award in APP 15 th Indo Malaysian conference-2022	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women
Dr. M. Tabitha sharon	Best Performer Award in APP 15 th Indo Malaysian conference-2022	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women
Mrs.B.Hemalatha	Best Researcher award in APP 15 th Indo Malaysian conference-2022	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women
Mrs Ch. Anupama Swathi	Best Achiever Award	11.03.2022-12.03.2022	Vijaya institute of pharmaceutical sciences for women

A majority of the staff members were ratified during the interviews conducted by JNTUK, Kakinada University for the posts of Asst, Assoc. & Prof. posts

7. Students qualified in PG Entrance Examinations (2020-21)

G PAT – 01

8. Results declared by JNTUK (2020-21)

89%

9. Students opted for Higher Education (2020-21)

10. Placements (2020-2021)

M. Ph – 06, B .Ph – 19, Pharm D - 08

11. Awards & Recognitions Won by the Institution

1. International Red Cross Society IRCS Centenary Celebrations awarded VIPW for active participation in Centennial Cycle Rally 2021, 24th & 25th March, 2021
2. The institution is proud to achieve the NAAC A+ Accreditation this academic year.