

OFFICE OF THE SUPERINTENDENT, MGM HOSPITAL - WARANGAL

Re. No. 244 /Peshi/2023

Date: 06-09-2023

  
**HOSPITAL ORDER**

**Sub:- MGM Hospital, Warangal – Internship (Residency) Program of Pharm-D students for the academic year 2023-2024 – Posting Orders – Issued – Reg.**

- Ref:-** 1) Rc. No. 50-210/2008-PCI-11716-17, Dated: 24-09-2008 of Registrar-cum-Secretary, Pharmacy Council of India, New Delhi.  
2) Letter from the Principal, Vaagdevi College of Pharmacy, Hanamkonda, Dated: 06-09-2023.

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As per the reference to the G.O. Ms. No. 398 HM&FW (E1) Department, Dated: 15-11-2008 MOU tie-up made with Vaagdevi College of Pharmacy, Hanamkonda and also guidelines given by the Director of Medical Education, TS, Hyderabad. The Superintendent, MGM Hospital, Warangal is pleased to admit the Pharm-D Students (II, III, IV, V and VI) for hospital training program. MGM Hospital, Warangal for one year which includes postings in specialization (In-patients / Out-patients) i.e., General Medicine, Anesthesia, Neurology, ART Centre, Dermatology, Dialysis, Psychiatry, Oncology, Gastroenterology, General Surgery, Paediatrics and Orthopedic Ward specialities.

Hence, the above concerned HODs of this hospital are requested to admit the Pharm-D students as per schedule enclosed.

*06/09/2023*

**SUPERINTENDENT,  
MGM HOSPITAL – WARANGAL  
SUPERINTENDENT  
(Addl. DME)  
MGM HOSPITAL, WARANGAL**

To  
All the above concerned HODs of this hospital.  
Copy to all RMOs of this hospital.  
Copy to the Principal, Vaagdevi College of Pharmacy, Hanamkonda.  
Copy to Stock file.

# SP ACCURE LABS PRIVATE LIMITED

CIN: U24232TG2013PTC090271



SP ACCURE LABS

## Memorandum of Understanding for Industry Institute Interaction

This MOU is between Vaagdevi College of Pharmacy, Ramanagar, Hanamkonda here onwards called I party/Institute and SP Accure Labs Pvt. Ltd.

The I Party i.e.. Institutes are conducting B.Pharm, M.Pharm, Pharm.D Courses and engaged in teaching and conducting research and is represented by Prof. Y.SHRAVAN KUMAR, Vaagdevi College of Pharmacy and II Party Industry is engaged in the manufacture of finished products and is represented by **KATIKALA VIJAYA PRAKASH MANAGING DIRECTOR and/or SP ACCURE LABS PVT. LTD.** The industry has approvals/licenses from various regulatory agencies like EU/UK etc. The board guidelines of Understanding are as follows.

1. The institutes will provide facilities in the development of cosmetic and Ayurvedic products in terms of equipment, human resource (the faculty members) presently and in future will extend this for other medicinal products also. The institutes also will undertake the quality control tests of these products including the stability studies, product literature preparation documentation records etc.

2. The industry will provide the required materials in terms of chemicals, containers, closures. Labels etc., for the development and quality control of their products. The industry also will provide chemicals, drugs and solvents. / volatile oils required for the Institute if available in the industry free of cost as gift samples. The industry also permits with prior permission to visit and carry out experiments in the industry.

3. Other than the above the financial aspects for the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Industry & Institute) will jointly apply for the research projects to governmental Agencies like DST, AICTE, UGC and Departments of Ayush in the areas of mutual interest. The industry also will train the required students in filling, packing and labeling of their products.

This M.O.U will come into force from 08.08.2023

For SP Accure Labs Pvt. Ltd.

  
K. Vijaya Prakash  
Managing Director



  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

Registered Office : F-2, City Home Residency Road No.3, Kamala Nagar, Dilsukh Nagar, Hyderabad - 500 060.

Telangana, Phone: +91 08418663201, Web : [www.spaccurelabs.com](http://www.spaccurelabs.com)

Factory : Plot No. 12, Biotech Park, Phase - II, Laigadi Malakpet, Shameerpet (M), Medchal-Malkajgiri Dist., Telangana - 500 101.



# Magnificent Cosmo Cosmoceuticals

Office : 7-1-65/5, S.B.I. Colony, D.K. Road, Ameerpet, Hyderabad-16, PH : 9133496244  
Admin.office : C/o Real House apts., Anjanapura, Banglore-506 062, PH : 9902924815



Ref. No.

Date.....04/08/2023.....

## Memorandum of Understanding for Industry Institute Interaction

This MOU is between Vaagdevi College of Pharmacy, Warangal here onwards called I party/Institute and Magnificent Cosmo Cosmoceuticals.

This I Party i.e. institute, is conducting B. Pharm, M. Pharm, Pharm. D. courses and engaged in teaching and conducting research and is represented by Prof. Y. Shravan Kumar Vaagdevi College of Pharmacy and II Party Industry is engaged in the manufacture of Herbal products is represented Dr. Y. Vamshi Vishnu, Managing Director and/or Magnificent Cosmo Cosmoceuticals. This industry has approvals/license from Ayush, India. The board guidelines of understanding are as follows.

1. The institute will provide facilities in the development of Ayush and cosmetic of products in terms of equipment, human resource (the faculty members) presently and in future will extend this for other Herbal products also. The institute also will undertake the quality control tests of these products including the stability studies, product literature preparation documentation records etc.
2. For the financial aspects for the developmental activates will be mutually discussed based on case work. Both the parties (Industry & Institute) will jointly apply for the research projects to governmental Agencies like DST, AICTE, UGC and departments of Ayush in the areas of mutual interest. The Industry also will train the required students in filling, packing, labelling of their products.

This M.O.U will come into force from 04/08/2023 to 04/08/2024

Magnificent Cosmo Cosmoceuticals



For Vaagdevi College of Pharmacy

Principal  
Vaagdevi College of Pharmacy  
Warangal, 506009

## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/ Institute and Second Party **AJARA Hospitals, Mulugu road, Warangal-506007, Telangana.**


The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava, HOD, Pharm.D.,** and second party **Dr. B. Siva Subrahmanyam, MD, AJARA Hospitals, Warangal.**

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from **11-08-2023 to 10-08-2024**

For **AJARA Hospital**

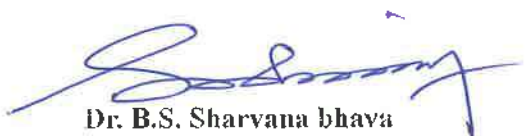


**Dr. B. Siva Subrahmanyam,**  
Managing Director,  
AJARA Hospitals, Warangal.

**Dr. B. SIVASUBRAMANYAM,**  
Reg.No:12127 MD(Ge...  
Consultant Physician  
Managing Director



For **Vaagdevi College of Pharmacy,**



**Dr. B.S. Sharvana bhava**  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.



**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 007

# మనీషా న్యూరో సైకియాట్రిక్ క్లినిక్ & కౌన్సిలింగ్ సెంటర్

## MANISHA NEURO PSYCHIATRIC CLINIC & COUNSELLING CENTRE

డా॥ బి.ఎస్.జి. వశిష్ట

యం.బి.బి.యన్., డి.పి.యం. (ఉస్మానియా)  
కస్టోడియన్ న్యూరో సైకియాట్రిస్ట్  
రిజిస్ట్రేషన్ నెం. 65349  
పశా.నెం. 6-2-305, పింజర్లా స్ట్రీట్,  
హనుమాన్ బింపుల్ దగ్గర,  
చౌరస్తా నుండి హనుమాన్ బింపుల్ రోడ్,  
హనుమకొండ.



Timings : 11-00 a.m. to 7-00 p.m.

**Dr. B.S.G. VASISTA**

M.B.B.S., DPM (Osm)  
Consultant Neuro Psychiatrist  
Regd. No. 65349  
H.No. 6-2-305, Pinjarla Street,  
Near Hanuman Temple,  
Chowrasta to Hanuman Temple Road  
Hanamkonda.  
Cell : 94907 55000, 73827 55000

### MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy**, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/Institute and Second Party **Manisha Neuropsychiatry Clinic, Hanamkonda**.

The first party i.e., Institute is conducting B. Pharm., M. Pharm., Pharm.D., & Pharm. D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava**, HOD, Pharm.D., and second party **Dr. B.S.G. Vasista**, **Manisha Neuropsychiatry Clinic, Hanamkonda**.

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from 12-08-2023 to 11-08-2024

For Manisha Neuropsychiatry Clinic

*Navin*

**Dr. B.S.G. Vasista,**  
**Manisha Neuropsychiatry Clinic,**  
**Hanamkonda.**

**B.S.G. VASISTA**, MBBS;DPM  
PSYCHIATRY Reg. No. 65349  
MANISHA NEUROPSYCHIATRIC CLINIC  
AND COUNSELLING CENTRE



For Vaagdevi College of Pharmacy,

*Dr. B.S. Sharvana bhava*

**Dr. B.S. Sharvana bhava**  
**H.O.D, Pharm.D.,**  
**Vaagdevi College of Pharmacy**

**Dr. B.S. SHARVANA BHAVA**, M.Pharm, Ph.D  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.

**Principal**  
**Vaagdevi College of Pharmacy**

*Signature*



# MAMATHA Heart Clinic

Caring for the heart, from the heart.

**Dr.C.Mamatha Reddy**

M.D.,DM,FSCA(USA)

Senior Interventional Cardiologist  
Associate Professor of Cardiology  
KMC/MGM Hospital, Warangal.

**డా. సి. మమతా రెడ్డి**

యం.డి., డి.యం, కార్డియాలజీ  
సినియర్ ఇంటర్వెన్షనల్ కార్డియాలజిస్ట్  
ఆసాసియేట్ ప్రొఫెసర్ ఆఫ్ కార్డియాలజిస్ట్  
కెయంసి/యంజయం హాస్పిటల్, వరంగల్.

Name:..... Age:..... Wt..... Sex..... Date:.....

## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/ Institute and **Mamatha Heart Clinic, Hanamkonda**.

The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by Dr.B.S.Sharvana bhava, HOD, Pharm.D., and second party Dr.C.Mamatha Reddy, **Mamatha Heart Clinic, Hanamkonda**

The guidelines of understanding are as follows:

- 1) The Institutes will provide the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects.

This M.O.U will come into force from 01-06-2023.



For Mamatha Heart Clinic

*C. Mamatha*

**Dr. C MAMATHA REDDY**

Regd.No 5238 M.D.DM.FSCA(USA)

Dr.C.Mamatha Reddy,  
Mamatha Heart Clinic, Balasamudram, Hanamkonda.  
Senior Interventional Cardiologist

**Principal**  
Vaagdevi College of Pharn.  
Hanamkonda, Warangal-506 001

మీరు హాస్పిటల్ కు వచ్చేముందు ఫోన్ చేసి రాగలరు, ఫోన్: 7893130600, 7893130900.

**H. No. 1-8-142/1, Beside Reliance Smart, Balasamudram Main Road, Hanamkonda.**



**శ్రీ NAVEEN**  
**ADVANCED NEURO CENTER**  
నవీన్ అడ్వాన్స్డ్ న్యూరో సెంటర్

**Dr. Naveen Korivi**  
MBBS, MD (GENERAL MEDICINE) (OSMANIA)  
DM (NEUROLOGY) (OSMANIA)  
NEURO PHYSICIAN  
REGD.NO. 87758

**డా. నవీన్ కొరివి**  
MBBS, MD (జనరల్ మెడిసిన్) (ఆస్మియా)  
DM (న్యూరాలజీ) (ఆస్మియా)  
న్యూరో ఫిజిషియన్

+91 9030 866 969 +91 8464 010 020

## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/Institute and Second Party **Naveen Advanced Neuro Center, Kakaji Colony, Hanamkonda.**

The first party i.e., Institute is conducting B. Pharm., M. Pharm., Pharm.D., & Pharm. D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava, HOD, Pharm.D.,** and second party **Dr. K. Naveen, Naveen Advanced Neuro Center, Hanamkonda**

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from **03-03-2023** to **02-03-2024**

For Naveen Advanced Neuro Center

**Dr. K. Naveen**  
Neuro Physician,  
Naveen Advanced Neuro Center.



For Vaagdevi College of Pharmacy,

**Dr. B.S. Sharvana bhava**  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy

**NAVEEN ADVANCED NEURO CENTER**  
Opp. KDC, Kakajicilony, Hanmakonda

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.



Opp. KDC, Kakaji Nagar Colony Hanamkonda,  
Telangana 506001

**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506001



# కిరణ్ కిడ్నీ కేర్

## KIRAN KIDNEY CARE

డా॥ ఉస్కె కిరణ్ (గోల్డ్ మెడలిస్ట్)

యం.బి.బి.యస్.(ఉస్కెనియా), యం.యస్. (ఉస్కెనియా), ఎఫ్.ఎమ్.ఎ.ఎస్. (ఫిల్మ్), డి.యం.ఎ.ఎస్. (ఫిల్మ్), యం.సి.హెచ్. (యూరాలజీ-ఉస్కెనియా)

యూరాలజిస్ట్ & ఆండ్రాలజిస్ట్  
కిడ్నీ చూర్పిడి శస్త్ర చికిత్స నిపుణులు

**Dr. Uske Kiran (Gold Medalist)**

**M.B.B.S. (Osm), M.S. (Osm), F.M.A.S. (Delhi)**  
**D.M.A.S. (Delhi), M.CH Urology (Osm)**

**Urologist & Andrologist,**  
**Kidney Transplant Surgeon**

Patient Name : ..... Age: ..... Sex: ..... R/o: ..... Date: .....

### MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy**, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/Institute and Second Party **Kiran Kidney Care, Kakaji Colony, Hanamkonda.**

The first party i.e., Institute is conducting B. Pharm., M. Pharm., Pharm.D., & Pharm. D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava**, HOD, Pharm.D., and second party **Dr. U. Kiran, Kiran Kidney Care, Kakaji Colony, Hanamkonda.**

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from **03-02-2023** to **02-02-2024**

For Kiran Kidney Care



For Vaagdevi College of Pharmacy,

**Dr. U. Kiran,**  
Kiran Kidney Care,  
Hanamkonda.

**Dr. B.S. Sharvanabhava**  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy

**Dr. USKE KIRAN**  
MBBS, MS, FMAS, DMAS  
Specialist UROLOGY (Osmania)  
Reg. No: 68787

**Principal**

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.

Near Hanuman Temple, Opp. Sahodara Reddy Complex, Above City Hospital, Kakaji Colony, Hanamkonda.

**For Appointment : 95737 44211, 95737 44311**





## Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Dist. Warangal (Rural) - 506 331 (T.S.)  
Off. : +91 986660 50044, Fax : 08718 230521  
E-mail : principal@bipswgl.org.in  
Website : www.bipswgl.org.in  
Mobile : 9866652412

### MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,  
RAMNAGAR, HANAMKONDA**

And

**BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES,  
NARSAMPET**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES, NARSAMPET has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose **BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES, NARSAMPET, designates Dr. A.Shyam Sunder, Principal, and Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda designates Dr. K Srinivas Reddy, Principal.**

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on **8<sup>th</sup> August 2023** and be in effect for one year i.e. (**8<sup>th</sup> August 2024**), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For **BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES,**

LAKNEPALLY, NARSAMPET

  
Dr. A.Shyam Sunder

**PRINCIPAL**

Principal

Date: 8/8/23

Balaji Institute of Pharmaceutical Sciences  
Laknepally (V), Narsampet (M)  
Warangal (Dt) - 506 331 (T.S)

For **VAAGDEVI COLLEGE OF PHARMACY,**

RAMNAGAR, HANAMKONDA

  
Dr. K Srinivas Reddy

Principal

Date: 08/08/2023

**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506

# KAKATIYA RESEARCH CENTRE

## MEMORANDUM OF UNDERSTANDING FOR KAKATIYA RESEARCH CENTRE- INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy**, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/ Institute and Second party **KAKATIYA RESEARCH CENTRE, Hanamkonda-506001, Telangana.**

The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB)., courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvanabhava**, HOD, Pharm.D., and second party **Mr. R. Praveen Kumar, MD, KAKATIYA RESEARCH CENTRE, Hanamkonda.**

The guidelines of understanding are as follows:

- 1) The Kakatiya Research Centre will facilitate our students to understand the Clinical trials, documentation aspects of clinical trials and clinical trial related outcomes at various Phases.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the **KAKATIYA RESEARCH CENTRE** in any terms.
- 3) The research centre will provide the facilities for data collection, to acquire knowledge about serious adverse events monitoring and other clinical trial related work and documentation.

This M.O.U will come into force from **11-08-2023 to 10-08-2024**

For **KAKATIYA RESEARCH CENTRE**



**Mr. R. Praveen Kumar**

**Kakatiya Research Centre**



For **Vaagdevi College of Pharmacy,**



**Dr. B.S. Sharvanabhava**

**H.O.D, Pharm.D.,**

**Vaagdevi College of Pharmacy**

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.

**Principal**

# RAGHU DIABETES, THYROID AND ENDOCRINE SUPER SPECIALITY CENTRE

**Dr. RAGHUPATHI ORUGANTI**

M.D. (General Medicine, Osm.)  
D.M. (endocrinology AMC)  
Consultant Endocrinologist & Diabetologist  
Reg. No : 80984

**డా॥ రఘుపతి ఓరుగంటి**

యం.డి. (జనరల్ మెడిసిన్)  
డి.యం. (ఎండోక్రైనాలజీ)  
ఉయాటిటిసి, ఖైరాబాద్ & హార్లీస్ వైద్య నిపుణులు

## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/ Institute and Second party Raghu Diabetes, Thyroid and Endocrine Super Speciality Centre, Hanamkonda-506001, Telangana.


The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by Dr. B.S. Sharvanabhava, HOD, Pharm.D., and second party Dr. Raghupathi Oruganti, MD, Raghu Diabetes, Thyroid and Endocrine Super Speciality Centre, Hanamkonda.

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Raghu Diabetes, Thyroid and Endocrine Super Speciality Centre in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training of students.


This M.O.U will come into force from 11-08-2023 to 10-08-2024

For Raghu Diabetes, Thyroid and Endocrine  
Super Speciality Centre

  
Dr. Raghupathi Oruganti,  
M. D.,  
Raghu Diabetes, Thyroid and Endocrine Super  
Speciality Centre

UJIANI PH  
H.No. 22405  
G. Venkateswara Swamy Temple  
Behind Police Parade Grounds  
Kishanpura, Hanamkonda

For Vaagdevi College of Pharmacy,

  
Dr. B.S. Sharvanabhava  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy

Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.

  
Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

**MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION**

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/ Institute and **Prathima Cancer Institute Pvt., Ltd , Arepally, Warangal.**

The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB)., courses and engaged in teaching and conducting research and is represented by Dr.B.S.Sharvana bhava, HOD, Pharm.D., and second party Dr.Avinash Tippani, **Prathima Cancer Institute Pvt. Ltd , Arepally, Warangal.**

The guidelines of understanding are as follows:

- 1) The Institutes will provide the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects.

This M.O.U will come into force from **06/07/2023**

For **Prathima Cancer Institute Pvt. Ltd,**

**Dr.Avinash Tippani,**  
**Prathima Cancer Institute Pvt. Ltd,**  
**Arepally, Warangal.**



☎ : 0870-2447685. 7032915151, 7032916161.



# SRI SRINIVASA KIDNEY CENTRE

MATERNITY HOSPITAL & INFERTILITY CLINIC  
(KIDNEY STONE REMOVAL - LITHOTRIPSY CENTRE)  
LAPAROSCOPY & COLPOSCOPY CENTRE

Opp: Thousand Pillars Temple, Hanamkonda, - 508 011 (S)



## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL - INSTITUTE INTERACTION

This M.O.U is between Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/ Institute and Second Party Sri Srinivasa Kidney Centre, Hanamkonda.

The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by Dr. B.S. Sharvana bhava, HOD, Pharm.D., and second party Dr. D. Hemanth, DMO, Sri Srinivasa Kidney Centre, Hanamkonda.

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from 25-07-2023 to 24-07-2024

For Sri Srinivasa Kidney Centre

**Dr. D. Hemanth**  
DMO,  
Sri Srinivasa Kidney Centre.

For Vaagdevi College of Pharmacy,

**Dr. B.S. Sharvana bhava**  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy.



**Dr. B.S. SHARVANA BHAVA**, M.Pharm, Ph.D  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.

**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



*Jayamukhi Educational Society's*

## **JAYAMUKHI INSTITUTE OF PHARMACEUTICAL SCIENCES**

*(Approved by AICTE & PCI, New Delhi & affiliated to JNTU, Hyderabad)*

Moqdoompur (V), Chennaraopet (M), NARSAMPET, Dist. Warangal - 506 332 (T.S.)

☎ : 08718 - 222503, 222568

### **MEMORANDUM OF UNDERSTANDING (MOU)**

Between

**VAAGDEVI COLLEGE OF PHARMACY,**

**RAMNAGAR, HANAMKONDA**

And

**JAYAMUKHI INSTITUTE OF PHARMACEUTICAL SCIENCES,**

**NARSAMPET**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and JAYAMUKHI INSTITUTE OF PHARMACEUTICAL SCIENCES, NARSAMPET has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda, designates **Dr. Ch Srinivas Reddy, Principal.** and Jayamukhi Institute of Pharmaceutical Sciences, Narsampet designates **Dr. G.Anil Kumar, Principal.**

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by **all** parties. Any such amendment, consent, or **waiver** shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on **8<sup>th</sup> August 2023** and be in effect for one year i.e. till (7<sup>th</sup> August 2024), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For VAAGDEVI COLLEGE OF PHARMACY,

RAMNAGAR, HANAMKONDA

**Dr. Ch Srinivas Reddy**

**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

For JAYAMUKHI INSTITUTE OF PHARMACEUTICAL SCIENCES,

LAKNEPALLY, NARSAMPET

**Dr.G.Anil Kumar**

**Principal**  
Date: \_\_\_\_\_  
Jayamukhi Institute of Pharmaceutical Sciences  
Narsampet, Dist. Warangal, T.S.



# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)

NARSAMPET, Dist. Warangal - 506 332, (T.S.) ☎ : 08718 - 222503, 222568

## MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,**

**RAMNAGAR, HANAMKONDA**

And

**JAYAMUKHI COLLEGE OF PHARMACY,**

**NARSAMPET**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and JAYAMUKHI COLLEGE OF PHARMACY, NARSAMPET has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose Vaagdevi College Of Pharmacy, Ramnagar, Hanamkonda designates **Dr. Ch. Srinivas Reddy, Principal,** and Jayamukhi College of Pharmacy, Narsampet, Hanamkonda designates **Dr. S.Vasudeva Murthy, Principal.**

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on **8<sup>th</sup> August 2023** and be in effect for one year i.e. till (**7<sup>th</sup> August 2024**), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For VAAGDEVI COLLEGE OF PHARMACY,  
RAMNAGAR, HANAMKONDA

**Dr. Ch. Srinivas Reddy**

**Principal**

*Principal*  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



For JAYAMUKHI COLLEGE OF PHARMACY,  
LAKNEPALLY, NARSAMPET

**Dr. S. Vasudeva Murthy**

**Principal**  
Date:



# CHAITANYA

(DEEMED TO BE UNIVERSITY)

Declared u/s 3 of UGC Act, 1956 by MHRD, Govt. of India

## MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,  
RAMNAGAR, HANAMKONDA**

And

**CHAITANYA DEEMED TO BE UNIVERSITY,  
HYDERABAD**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and CHAITANYA DEEMED TO BE UNIVERSITY has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose, **CHAITANYA DEEMED TO BE UNIVERSITY, HYDERABAD** designates **Prof.M.Ravinder, Registrar,** and **Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda** designates **Dr. C. Srinivas Reddy, Principal.**

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on **8<sup>th</sup> August 2023** and be in effect for one year i.e. (**8<sup>th</sup> August 2024**), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For Chaitanya Deemed to be University,

HYDERABAD

  
Prof.M.Ravinder

Registrar

Date: 8/8/2023  
Registrar

Chaitanya (Deemed to be University)  
Vill: Himayathnagar, Md: Moinabad,  
Ranga Reddy District, Hyderabad-509 075

For VAAGDEVI COLLEGE OF PHARMACY,

RAMNAGAR, HANAMKONDA

  
Dr. C Srinivas Reddy

Principal

Date:

**Principal**  
**Vaagdevi College of Pharmacy**  
**Hanamkonda, Warangal-507 102**



6-100/5, Himayathnagar Village, Moinabad Mandal, Ranga Reddy District, Hyderabad, Telangana State, India



# MOTHER VOLUNTARY BLOOD CENTRE

A Unit of MAS (Multipurpose Amicable Social Services Society)

# 15-1-45 & 46, 1st Floor, Opp. MGM Hospital, WARANGAL - 506 007 (T.S.)

(Licence No. 15/WRL/AP/2010/BB/CP)



24 HOURS

Date : 11.08.2023

Ref. :

## MEMORANDUM OF UNDERSTANDING FOR MOTHER VOLUNTARY BLOOD CENTRE -- INSTITUTE INTERACTION

This M.O.U is between Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda here onwards called First Party/Institute and Mother Voluntary Blood Centre, Warngal.

The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by Dr. P.Girija, Pharm.D, Faculty, and second party Director V.Somanarayana, Mother Voluntary Blood Centre, Warngal.

The guidelines of understanding are as follows:

- 1) The Institutes will provide the facilities to train students, to learn about single donor platlet transfusion and blood components..
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Blood Bank in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Blood Bank) will work for the research activities in the areas of mutual interest. The blood bank, will also help in training the required students in learning about blood transfusion.

This M.O.U will come into force from 12-08-2023 to 11-08-2024

For Mother Voluntary Blood Centre, Warngal.

For Vaagdevi College of Pharmacy,

Director V.Somanarayana  
Mother Voluntary Blood Centre  
Secretary  
Mother Voluntary Blood Centre  
Warangal

Dr. P.Girija  
Vaagdevi College of Pharmacy

Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# PLANETSOLUTIONS

#2-2-400,OPP:MAYURI MALL,KISHANPURA,MAIN ROAD,HANAMKONDA,WARANGAL-506001

PHONE: 0870-2455551, 8686522233, 9704480006

GST NO:36AAKPE9014C1Z2

## MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made and executed on 15/06/2023 at Hanamkonda

BY AND BETWEEN

Vaagdevi College of Pharmacy, Hanamkonda, Warangal 506001 it's administrators, assign and successors represented by HOD/Principal, who duly authorized to sign and execute the MOU.

### **Being the First Part AND**

Planet Solutions, having its principal office situated at Hanamkonda, Warangal, 506001 and represented by Mr Srinivas Emula Chief Operations Manager

### **Being the Second Part**

Whereas Vaagdevi Colleges of Pharmacy has agreed to collect the give away the dry recyclable waste including any kind of paper waste, metal waste, plastic waste &E- waste generated in its college.

### NOW THIS MOU WITNESSTH AS UNDER

This is an agreement for a synergic alliance between Vaagdevi College of Pharmacy & Planet Solution for the social causes of recycling of dry waste and environment protection through recycling

This MOU shall be for a period of three years commencing from the date of signing of this MOU  
**ROLES AND RESPONSIBILITIES OF VAAGDEVI COLLEGE OF PHARMACY**

1. To ensure source segregation of dry and wet waste at college premises through its Teaching staff, housekeeping staff and students.
2. Vaagdevi College of Pharmacy will give away any kind of paper waste (white papers records news paper, cotton boxes etc) metal waste, plastic waste, and e-waste.
3. Vaagdevi College of Pharmacy shall motivate students to bring recyclable like paper, plastic, metal etc from their home and contribute to plants solution.
4. Vaagdevi College of Pharmacy will put up colour coded bins for waste segregation at different points in college premises.

### Execution of this agreement shall be deemed to be

- a) A confirmation by both the parties that no benefit either in cash or kind has been provided by either party to the other party or to any officer or employee or any relative/ associate of any officer or employee or of either party or of any of their associate institutions/ companies in order to enter into this agreement, and
- b) An under taking by both the parties not to provided any benefit either in cash are kind to any officer/ employee /relative /associate of any officer or employee of either party as reward or consideration either for entering into this MOU or other matter relating to this agreement.

### Other terms

1. **Force majeure:** Neither party shall be liable for damages for any delay or failure to perform its obligations here under, if such a delay or failure is due to reasons beyond the control of the concerned party including without limitation, strikes, riots, wars, fires, epidemic, quarantine restrictions, unusually severe weather, earth quakes, explanation, acts of God or state or any public enemy or acts mandated by applicable laws, regulation or order, whether valid or invalid of any Governmental body.
2. **Dispute resolution:** It is understood by both the parties that this agreement is for social causes and not to make any profit out of the understanding. The parties covenant that they will complete with all applicable laws and regulations in their conduct pursuant to this agreement any dispute arising out of this agreement shall be first attempted to settle amicably between the parties.
3. **Arbitration:** Any dispute which is not resolved amicably shall be finally settled by binding arbitration in respect to the matters concerning to the MOU with the soul arbitrator to be appointed by the mutual consent of both the parties. The parties agree that the decision or award resulting from Arbitration shall be final and binding upon the parties. Pending the submission of and / or decision on a dispute, the parties shall continue to perform their respective obligation under the agreement without prejudice to a final adjustment in accordance with such arbitration award.
4. **Governing and jurisdiction:** This Agreement is subjected to the jurisdiction of courts at Warangal. Both the parties shall agree that it will not make use of disseminate, or in any way disclose any confidential information to any person, firm or business, further more the existence of any discussions, negotiations or agreement in progress between the party shall not be released to any form of public media without written approval of both parties.
5. **Amendments:** This agreement and schedules together continue a complete and exclusive understanding of the terms of the agreement between the parties on the subject here of and no amendment or modification here to shall be valid and effective unless agreed to by all the parties here to and evidence in writing.

**Rules and responsibilities of planet solutions:-**

1. Planet Solution will collect dry recyclable waste and old records from college and bring to the facility without any spillage.
2. Planet Solution will organize sorting of the dry waste into different categories, baling, and appropriate disposal of dry waste.
3. Planet Solution shall undertake necessary measures for dispatch of the sorted recyclable for recycling at its own cost.
4. Planet Solution, on the request of work Vaagdevi College of Pharmacy, may give New A4 paper sheets, Notebooks and Stationery against the value of dry recycling waste lifted.

**Performance of Obligations**

1. The details laid out in this MOU, notwithstanding the essence and spirit of this MOU, shall be understood between Vaagdevi College of Pharmacy and Planet Solutions.
2. Any notices or other communications under or in connection with this agreement shall be in writing in the English language and shall be delivered personally or sent by way of e-mail to the party due to receive the notice or communication at its address set out in this contract or such other address as a party may specify by notice in writing to the other.

**ADDRESS FOR COMMUNICATION:-**

Following are the addresses to which all notices shall be sent

**Planet Solutions**

Kishanpura, Hanamkonda, Warangal

Telangana- 5060001

Phone 8686522233

email ID: aishplanet@gmail.com

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal

Telangana-5060001

**NOTICE/ termination:**

Any notice required to be given here under shall be given in writing at the address of each party set forth as below in this agreement or to such other address either party may substitute by written notice to the other. Either party may terminate this agreement by given 30 days written notice to the other party.

In witness where of the parties is here to have signed this agreement on the day month and year mentioned here in before

**For Vaagdevi College of Pharmacy**

**For Planet Solutions**

*Principal*

**Vaagdevi College of Pharmacy**

Principal, Hanamkonda, Warangal-506 001

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal- 5060001

Telangana



E. Srinivas

**Chief Operations Manager**

**Witness**

- 1.
- 2.





# KAKATIYA MEDICLEAN SERVICES

COMMON BIO-MEDICAL WASTE TREATMENT AND DISPOSAL FACILITY

(Authorised by Telangana State Pollution Control Board)

# 1-7-600/1, Behind Subedari Post Office, Hanamkonda, Warangal - 506 001, T.S.

799

## Service Certificate

*This is to certify that*

M/s. **Vaagdevi College of Pharmacy**

#2-2-457/3, Ramnagar


**Hanamkonda**

*is a member of our*

*Common Bio-medical Waste Treatment Facility*

**Validity :**

**31st DECEMBER 2024**

  
Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

  
**CHANDRA MOHAN GADIPELLI**  
Authorised Signatory

- Update your authorization from T.S. Pollution Control Board before it expires
- For more information visit us at : <https://www.kakatiyamediclean.com> or call to 0870-2510975
- For any suggestions/clarifications mail us : [services@kakatiyamediclean.com](mailto:services@kakatiyamediclean.com)

**We committed to healthy environment for safe disposal of Bio-medical waste**



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
 Ramnagar Dist. Hanamakonda- 506001, (T.S)

**1.2.2 Number of Add on /Certificate programs offered 2023-2024**

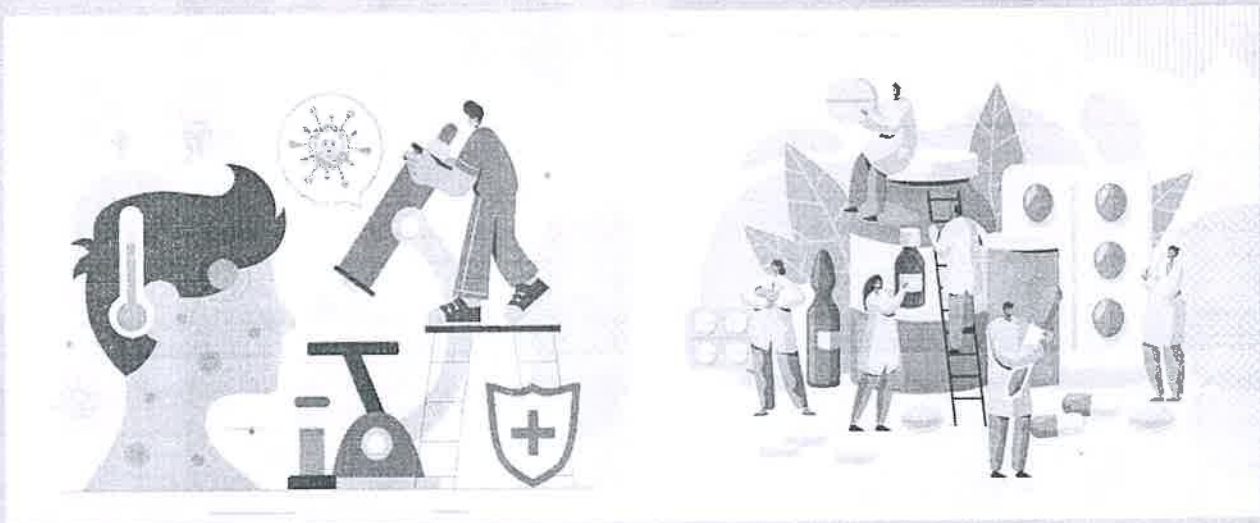
S.No.	NAME OF THE VALUE ADDED PROGRAM	DURATION OF THE PROGRAM	NUMBER OF HOURS	NUMBER OF STUDENTS
1.	Digital Transformation in Pharmacy: Tools for the Future	20-11-2023 to 23-12-2023	30 hours	50
2.	Web Design Essentials for Healthcare Professionals	20-11-2023 to 23-12-2023	30 hours	54
3.	Innovative Career Pathways: A Roadmap Beyond Traditional Pharmacy	20-11-2023 to 23-12-2023	30 hours	40
4.	Mastering the Art of Presentation: Enhancing Public Speaking for Healthcare Professionals	20-11-2023 to 23-12-2023	30 hours	43
5.	Modern Approaches to Herbal Formulation and Standardization	20-11-2023 to 23-12-2023	30 hours	60
6.	Navigating the Law: Legal Literacy for Healthcare Professionals	22-01-2024 to 27-02-2024	30 hours	51
7.	Harnessing Artificial Intelligence in Pharmacovigilance and Patient Safety	22-01-2024 to 27-02-2024	30 hours	45
8.	Big Data Analytics in Personalized Medicine: Transforming Patient Care	22-01-2024 to 27-02-2024	30 hours	35
9.	Chromatography Demystified: Advanced Techniques in Pharmaceutical Analysis	22-01-2024 to 27-02-2024	30 hours	41
10.	Niosomes: Revolutionary Nano-formulations in Drug Delivery Systems	22-01-2024 to 27-02-2024	30 hours	46



Principal

Vaagdevi College of Pharmacy

VALUE ADDED COURSE  
ON  
**DIGITAL TRANSFORMATION IN PHARMACY:  
TOOLS FOR THE FUTURE**  
FROM 20-11-2023 TO 23-12-2023



**VAAGDEVI**  
**COLLEGE OF PHARMACY**  
RAMNAGAR, HANAMKONDA.



*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



Name of the Programme: **VALUE ADDED COURSE ON DIGITAL TRANSFORMATION IN PHARMACY TOOLS FOR THE FUTURE**

Schedule: **FROM 20-11-2023 TO 23-12-2023**

Students: **B. Pharm, M. Pharm, Pharm D**

Academic Year: **2023-2024**

COURSE CODE: **VCOP/VH1**

TIMINGS: **EVERY DAY 4.30-5.30PM AT SEMINAR HALL 01**

## COORDINATOR

**Dr. Ch. Mounika**  
Assistant Professor,  
Department of Pharm.D.,  
Vaagdevi College of Pharmacy

## RESOURCE PERSONS

**Dr. S. Vasudeva Murthy**

Principal,

Jayamukhi College of Pharmacy.

**Dr. G. Anusha**

Assistant Professor,  
Department of Pharm.D.,  
Vaagdevi College of Pharmacy

## COURSE OBJECTIVES

The objective of this course is to familiarize pharmacy professionals with the digital tools and technologies transforming the pharmacy sector. This course aims to provide in-depth knowledge of the latest digital advancements in pharmacy practice, including electronic health records (EHR), telepharmacy, artificial intelligence (AI), blockchain, and digital therapeutics, preparing students to integrate these technologies into their professional workflows and improve patient care.

## COURSE OUTCOME

By the end of this course, students will be able to:

1. Understand the key digital tools and technologies shaping the future of pharmacy.
2. Evaluate the impact of digital transformation on pharmacy practice, patient care, and healthcare systems.
3. Integrate electronic health records (EHR) and telepharmacy into daily pharmaceutical practice.
4. Leverage artificial intelligence (AI) and machine learning for drug discovery, personalized medicine, and predictive analytics.
5. Implement blockchain technology for enhancing pharmacy operations and ensuring data security.
6. Apply digital therapeutics in the treatment of chronic conditions and enhance patient outcomes.
7. Understand the ethical, legal, and regulatory implications of digital technologies in pharmacy.



Principal

**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

# COURSE SYLLABUS

## MODULES

30HR

### Module 1: Introduction to Digital Transformation in Pharmacy (6 hours)

- Overview of digital transformation and its importance in healthcare
- Key digital technologies in healthcare and pharmacy: EHR, telemedicine, AI, etc.
- The evolution of pharmacy practice: From traditional to digital environments

### Module 2: Electronic Health Records (EHR) and Pharmacy Practice (6 hours)

- The role of EHR in modern pharmacy practice
- Integration of EHR systems with pharmacy workflows
- Legal and ethical considerations for EHR usage in pharmacy
- Case studies on the impact of EHR in improving patient outcomes

### Module 3: Telepharmacy and Remote Pharmaceutical Care (6 hours)

- Introduction to telepharmacy and its significance in healthcare delivery
- Regulatory and logistical considerations for telepharmacy
- Implementing telepharmacy in rural and underserved areas
- The future of telepharmacy in patient counseling and medication management

### Module 4: Artificial Intelligence (AI) and Machine Learning in Pharmacy (6 hours)

- AI and machine learning in drug discovery and development
- AI applications in personalized medicine, including pharmacogenomics
- Predictive analytics for improving patient outcomes and minimizing errors
- Ethical considerations and challenges in AI-based pharmacy practices

### Module 5: Blockchain Technology in Pharmacy (6 hours)

- Blockchain fundamentals and its applications in pharmacy
- Enhancing pharmaceutical supply chain security with blockchain
- Blockchain in improving medication adherence and patient records
- The role of blockchain in clinical trials and pharmaceutical research

## REFERENCES

1. "Innovations in Digital Medicine and Digital Therapeutics" by H. K. Sharma
2. "Digital Therapeutics in Pharmacy: Revolutionizing Treatment" (Journal Articles)
3. "Digital Health: Scaling Healthcare to the World" by M. A. S. Perez
4. "Blockchain in Healthcare" by S. R. Dovey
5. "Artificial Intelligence in Health Care" by L. M. Doshi



*Principal*  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 14.11.2023

**CIRCULAR**

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on "**DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE**", "**WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS**", "**INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY**", "**MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS**" and "**MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION**" during 20-11-2023 to 23-12-2023 coordinated by Dr. Ch. Mounika, Mrs. K. Ragini, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava and Dr. K. Srinivas Reddy. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

\_\_\_\_\_

PRINCIPAL

*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001



\_\_\_\_\_

*Principal*

**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamkonda- 506001. (T.S)

Date : 23-12-2023

### REPORT

Name of the program: **DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE**

Duration: 20-11-2023 to 23-12-2023

Academic year: 2023-2024

Resource person details:

**Dr. S. Vasudeva Murthy,**  
**Principal,**  
**Jayamukhi College of Pharmacy.**

**Dr. G. Anusha,**  
**Assistant Professor,**  
**Department of Pharm.D.,**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda organized a value added program on **DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. S. Vasudeva Murthy, Principal, Jayamukhi College of Pharmacy and Dr. G. Anusha, Assistant Professor, Department of Pharm.D., Vaagdevi College of Pharmacy from 20-11-2023 to 23-12-2023. This program was designed to understand the key digital tools and technologies shaping the future of pharmacy. Totally 50 students participated in this program. Upon completion of the course issued the certificates to the students.

*Ch. Mounika*

**Coordinator**

**Dr. Ch. Mounika,**  
**Assistant Professor,**  
**Department of Pharm.D.,**

Principal

**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

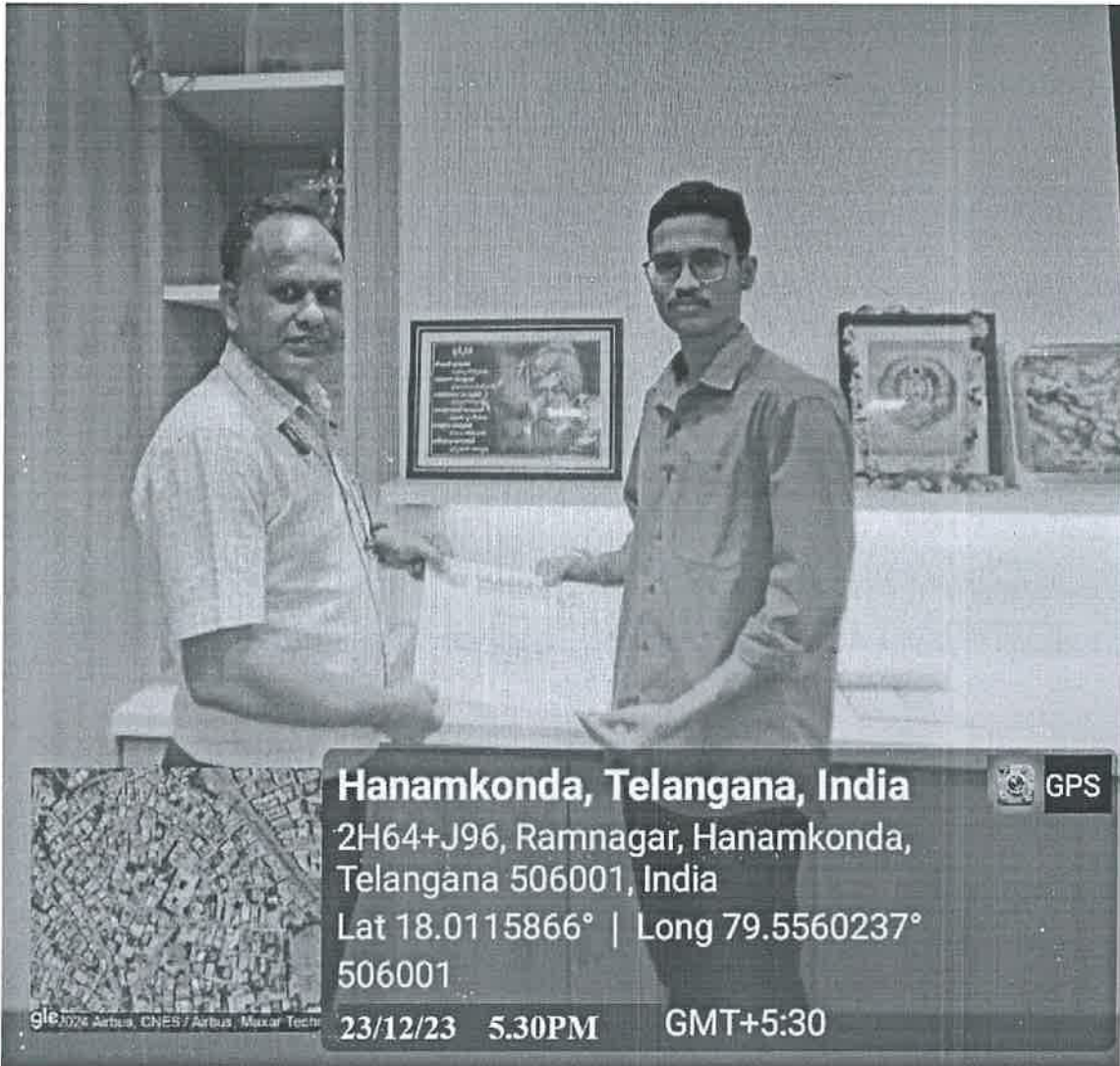


**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

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Ramnagar Dist. Hanamakonda- 506001. (T.S)



Certificate distribution on Digital transformation in pharmacy: tools for the future by Dr. E. Venkateshwarlu



*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)

NARSAMPET, Dist. Warangal - 506 332, (T.S.) ☎ : 08718 - 222503, 222568

## MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,**

**RAMNAGAR, HANAMKONDA**

And

**JAYAMUKHI COLLEGE OF PHARMACY,**

**NARSAMPET**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and JAYAMUKHI COLLEGE OF PHARMACY, NARSAMPET has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose Vaagdevi College Of Pharmacy, Ramnagar, Hanamkonda designates Dr. Ch. Srinivas Reddy, Principal, and Jayamukhi College of Pharmacy, Narsampet, Hanamkonda designates Dr. S.Vasudeva Murthy, Principal.

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on 8<sup>th</sup> August 2023 and be in effect for one year i.e. till (7<sup>th</sup> August 2024), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For VAAGDEVI COLLEGE OF PHARMACY,

RAMNAGAR, HANAMKONDA

**Dr. Ch. Srinivas Reddy**

**Principal**

For JAYAMUKHI COLLEGE OF PHARMACY,

LAKNEPALLY, NARSAMPET

**Dr. S.Vasudeva Murthy**

**Principal**

**Date:**

**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



**Principal**  
Vaagdevi College of Pharmacy,  
Hanamkonda, Warangal-506 001

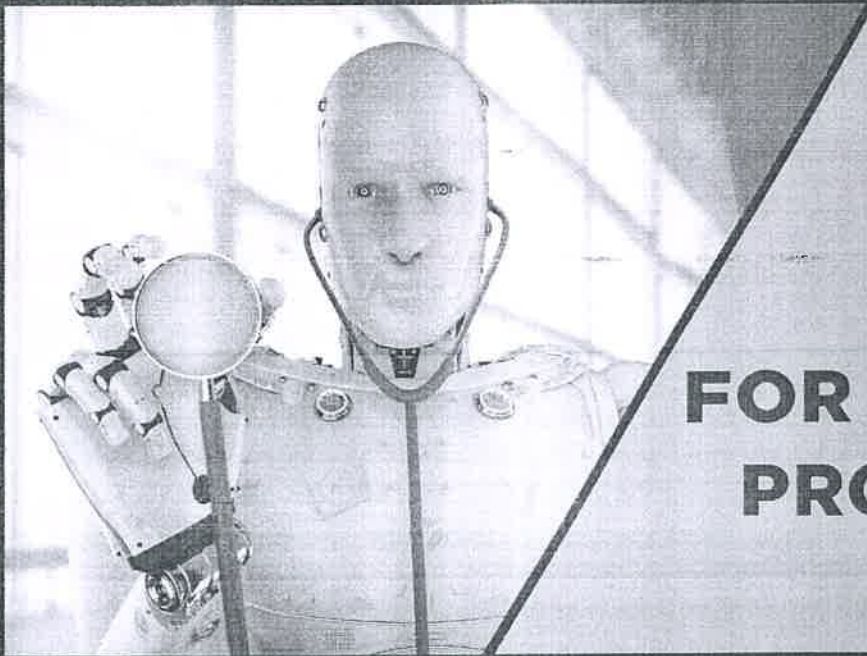


# VAAGDEVI

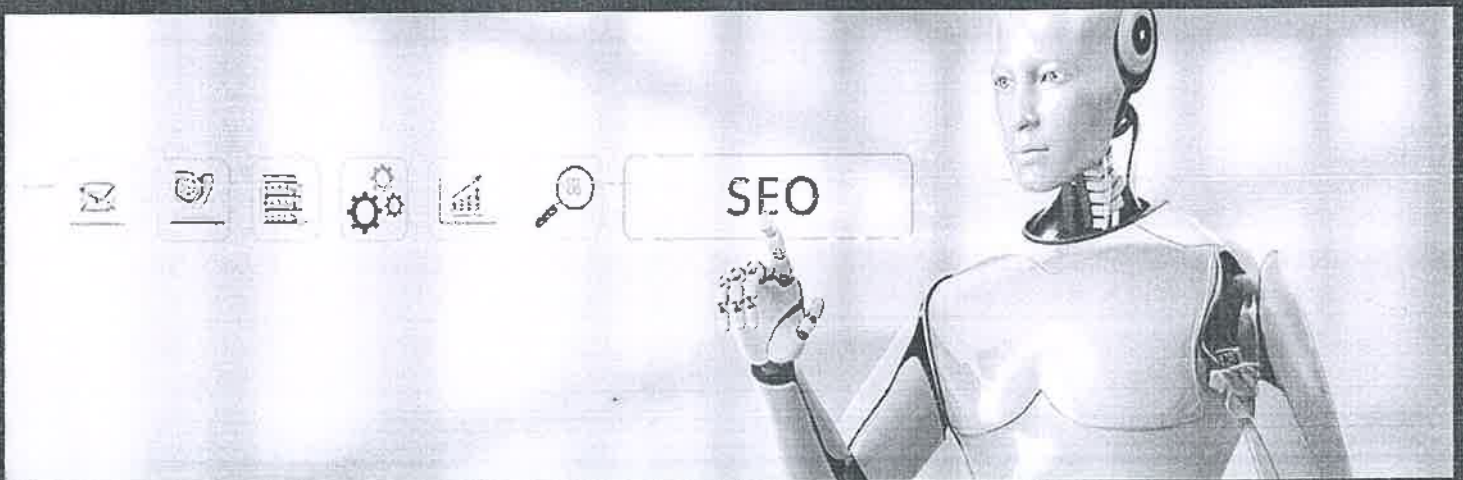
## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON



## WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS



FROM 20-11-2023 TO 3-12-2023



*Principal*  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506

**Co-ordinator :**  
**Mrs. K. Ragini**  
**Associate Professor**  
**Department of Pharmaceutics**  
**Vaagdevi College of Pharmacy**

**Resource Persons:**  
**Adepu Venkatesh,**  
**CEO,**  
**SVAPPS, Warangal**  
**Mrs. T. Rajani,**  
**Associate Professor,**  
**Department of Pharmaceutics,**  
**Vaagdevi College of Pharmacy**

**Name of the Programme: VALUE ADDED COURSE ON**  
**Web Design Essentials for Healthcare Professionals**  
**Schedule: FROM 20-11-2023 to 23-12-2023**  
**Students: B.Pharm, M.Pharm, Pharm.D.,**  
**Academic Year: 2023 to 2024**  
**Course Code: VCOP/VH2**  
**Timings: Every day 4.30-5.30 PM at SEMINAR HALL 02**

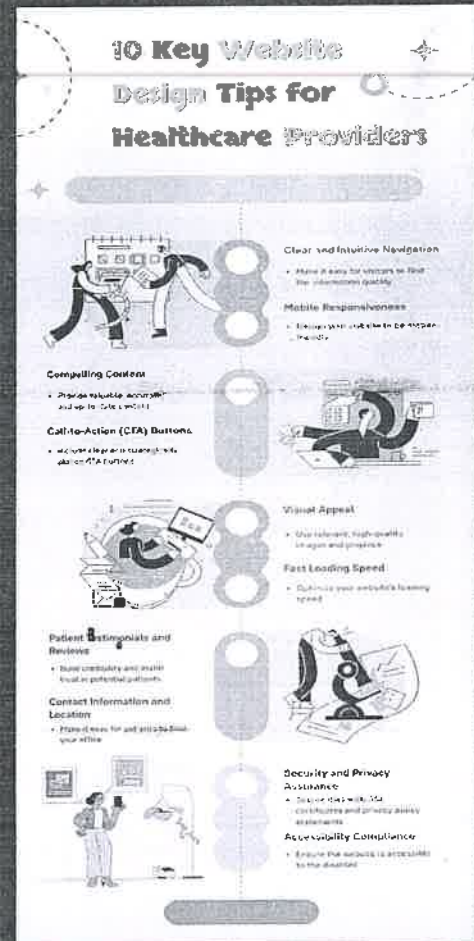
#### **Course Objective:**

This course aims to equip healthcare professionals with the fundamental skills required to design and manage effective websites tailored to healthcare settings. The course will cover essential principles of web design, focusing on user experience (UX), accessibility, legal considerations, and best practices for building websites that serve both patients and healthcare providers. Students will gain hands-on experience with various tools and technologies, preparing them to create websites that enhance patient engagement and promote health-related services.

#### **Course Outcomes:**

Upon successful completion of this course, students will be able to:

1. Understand the core principles of web design and their application in healthcare settings.
2. Design user-friendly, accessible websites that meet the needs of patients and healthcare providers.
3. Incorporate responsive design principles to ensure websites function seamlessly across devices.
4. Ensure compliance with legal, ethical, and regulatory requirements in healthcare website design (e.g., HIPAA).
5. Utilize web design tools and platforms to build and manage websites.
6. Apply search engine optimization (SEO) strategies to improve the visibility of healthcare websites.
7. Understand and implement data privacy practices, ensuring the security of patient information on health care websites.





## Course Syllabus:

30 HRS

### Module 1: Introduction to Web Design for Healthcare

(6 hours)

- Overview of web design principles and their importance in healthcare
- The role of websites in modern healthcare delivery: Patient portals, appointment scheduling, and informational sites
- Key characteristics of effective healthcare websites: Usability, accessibility, and engagement
- Legal and ethical considerations in healthcare web design (HIPAA, data security, patient confidentiality)

### Module 2: User Experience (UX) and Accessibility in Healthcare Websites

(6 hours)

- The principles of user-centered design in healthcare
- Key elements of UX design: Navigation, layout, and content hierarchy
- Ensuring website accessibility for patients with disabilities (WCAG guidelines)
- Designing for diverse patient demographics: Language, literacy, and cultural considerations

### Module 3: Responsive Web Design and Mobile Optimization

(6 hours)

- The importance of responsive design in healthcare websites
- Principles of designing mobile-friendly websites
- Tools and frameworks for responsive design (e.g., Bootstrap, WordPress themes)
- Testing and optimizing healthcare websites for various devices (smartphones, tablets, desktops)

### Module 4: Content Management Systems (CMS) for Healthcare Websites

(6 hours)

- Introduction to CMS platforms: WordPress, Joomla, Drupal, and their applications in healthcare
- Choosing the right CMS for your healthcare website
- Customizing templates and themes for healthcare websites
- Managing and updating healthcare website content (blogs, articles, videos)

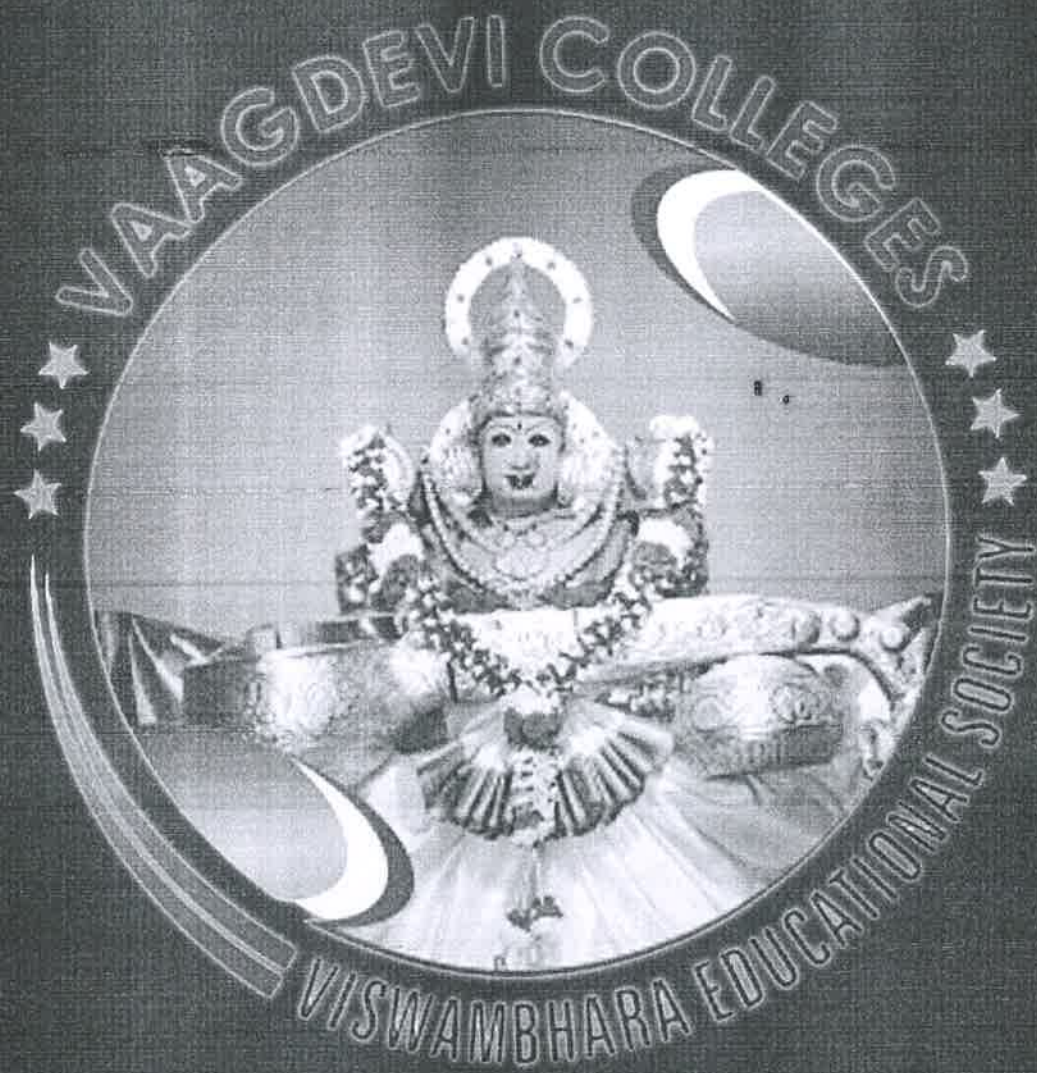
### Module 5: SEO and Digital Marketing for Healthcare Websites

(6 hours)

- Understanding SEO and its relevance to healthcare websites
- On-page and off-page SEO strategies: Keywords, metadata, and content optimization
- Local SEO for healthcare practices: Google My Business, patient reviews, and local searches
- Introduction to digital marketing: social media, email campaigns, and patient outreach strategies
- References:

1. "Web Design for Healthcare: A Practical Guide" by D. L. McDonald
2. "SEO for Healthcare Professionals: Best Practices and Strategies" by D. L. Gray
3. "Mastering WordPress for Healthcare Websites" by J. H. Michaels
4. "Responsive Web Design: Creating Websites for Mobile and Desktop" by E. M. Bailey





# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.



VAAGDEVI COLLEGE OF PHARMACY  
RAMNAGAR, HANAMKONDA



VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 14.11.2023

**CIRCULAR**

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on **"DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE"**, **"WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS"**, **"INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY"**, **"MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS"** and **"MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION"** during 20-11-2023 to 23-12-2023 coordinated by Dr. Ch. Mounika, Mrs. K. Ragini, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava and Dr. K. Srinivas Reddy. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

PRINCIPAL

*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001



*Principal*

**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda-506001. (T.S)

Date : 23-12-2023

**REPORT**

Name of the program: **WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS**

Duration: 20-11-2023 to 23-12-2023

Academic year: 2023-2024

Resource person details:

**Adepu Venkatesh,**  
**CEO, SVAPPS, Warangal**

**Mrs. T. Rajani,**  
**Associate Professor,**  
**Department of Pharmaceutics,**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Adepu Venkatesh, CEO, SVAPPS, Warangal and Mrs. T. Rajani, Associate Professor, Department of Pharmaceutics, Vaagdevi College of Pharmacy from 20-11-2023 to 23-12-2023. This program was designed to educate the students to utilize web design tools and platforms to build and manage websites. Totally 54 students participated in this program. Upon completion of the course issued the certificates to the students.

  
Coordinator

**Mrs. K. Ragini**  
Associate Professor,  
Department of Pharmaceutics

  
Principal

**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



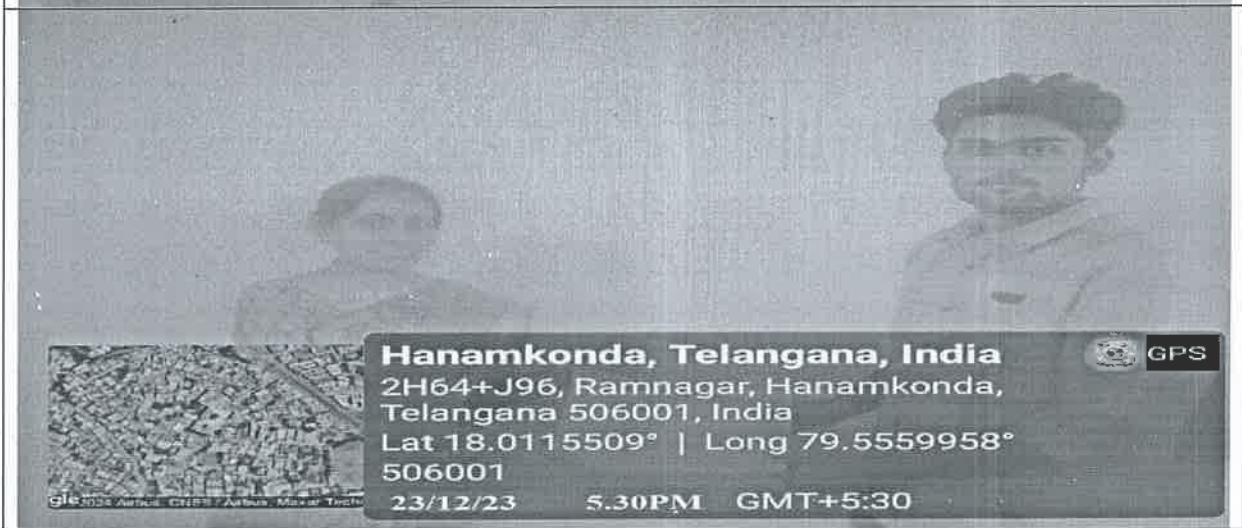
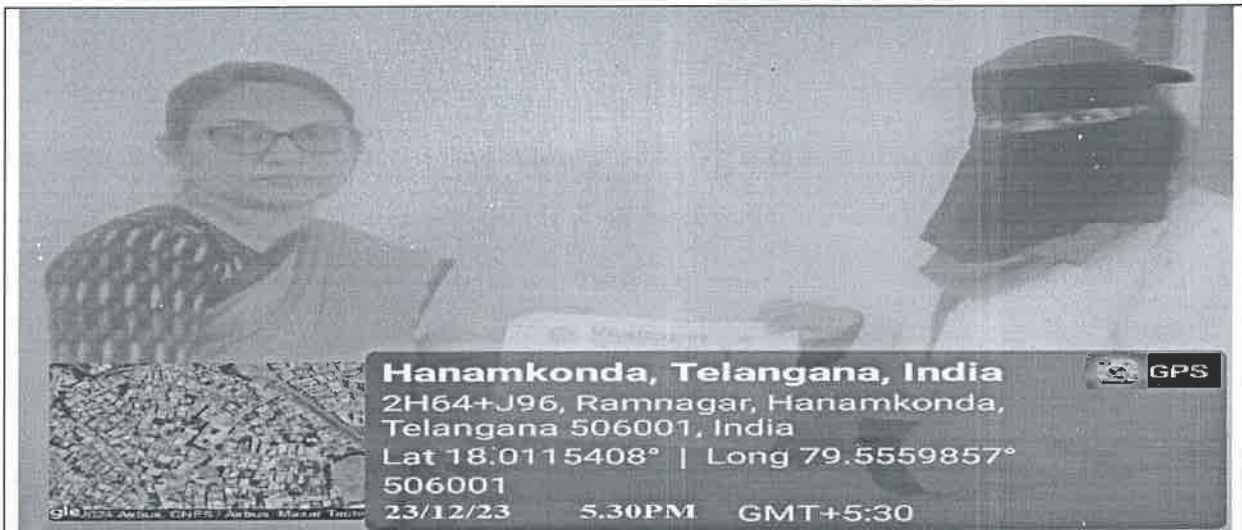
  
**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

# VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)



Certificate distribution on Web Design Essentials for Healthcare Professionals by T. Rajani Resource person and K. Ragini Co-ordinator



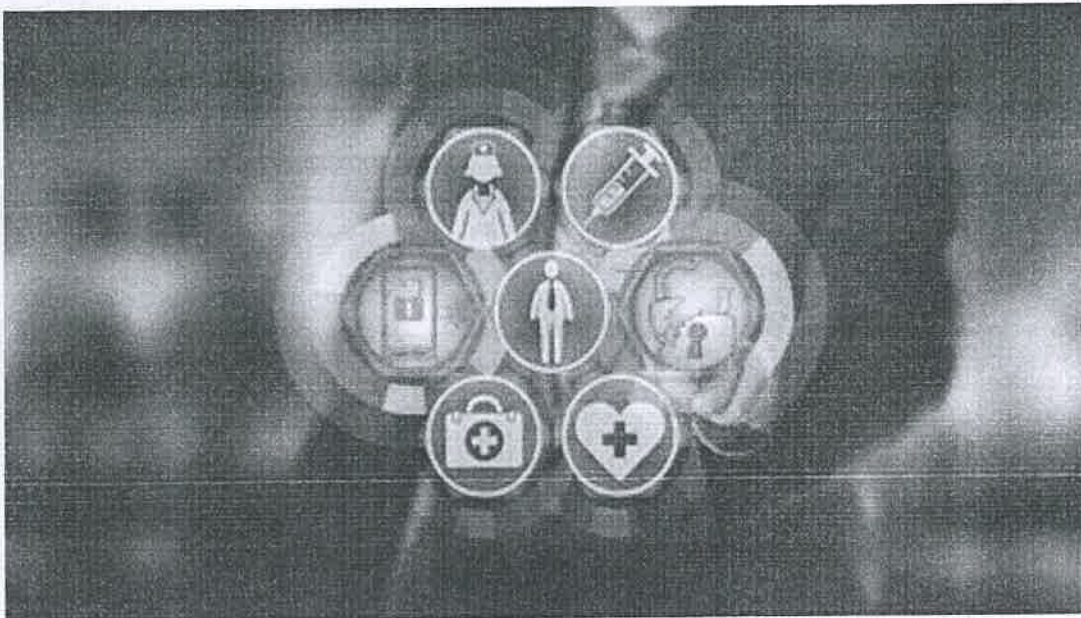
  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

## INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY



FROM 20-11-2023 to 23-12-2023



  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

**Co-Ordinator :**  
**Dr. E. Venkateshwarlu,**  
**Professor & HoD,**  
**Department of Pharmacology**  
**Vaagdevi College of Pharmacy**

**Resource Persons:**  
**1. Dr. A. Mahesh,**  
**CEO,**  
**Crystal Overseas Consultancy**

**2. Dr. P. Girija,**  
**Professor,**  
**Department of Pharmacology**  
**Vaagdevi College of Pharmacy**



**Name of the Programme: VALUE ADDED COURSE ON**  
**Innovative Career Pathways: A Roadmap Beyond Traditional Pharmacy**  
**Schedule: From 20-11-2023 to 23-12-2023**  
**Students: B.Pharm, M.Pharm, Pharm.D.,**  
**Academic Year: 2023 to 2024**  
**Course Code: VCOP/VH3**  
**Timings: Every day 4.30-5.30 PM at LECTURE HALL 02**

### **Course Objective**

The objective of this course is to broaden students' perspectives on career opportunities in pharmacy by exploring innovative, non-traditional roles in healthcare, technology, entrepreneurship, and global public health. The course will empower students to identify their interests and skills, align them with emerging trends, and strategically plan a fulfilling career path outside conventional pharmacy practices.

### **Course Outcomes**

By the end of this course, students will be able to:

- 1. Identify non-traditional career opportunities in pharmacy and healthcare.**
- 2. Analyze emerging trends in pharmaceutical sciences and healthcare technologies.**
- 3. Develop entrepreneurial skills and strategies for building innovative ventures.**
- 4. Understand the role of pharmacists in global public health and policymaking.**
- 5. Leverage digital tools and platforms for professional development and networking.**
- 6. Create a personalized roadmap to achieve career goals in innovative domains.**



  
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## Course Syllabus

30HRS

**Module 1: Expanding Horizons in Pharmacy Careers (6 hours)**  
Overview of traditional vs. non-traditional roles in pharmacy  
Emerging fields: Pharmacogenomics, Health Informatics, and Regulatory Affairs  
Case studies of pharmacists in unconventional roles  
Tools to assess personal interests and strengths  
Practical: Career mapping exercise

**Module 2: Technology and Innovation in Pharmacy (6 hours)**  
Role of Artificial Intelligence and Machine Learning in pharmacy  
Digital health tools: Wearables, mobile apps, and telehealth  
Blockchain technology in drug supply chains  
Practical: Developing a prototype for a digital health solution

**Module 3: Entrepreneurship in Pharmacy (6 hours)**  
Basics of entrepreneurship: Ideation to execution  
Identifying market gaps and opportunities in healthcare  
Business planning and funding strategies  
Intellectual property rights in pharmacy  
Practical: Pitching a healthcare start-up idea

**Module 4: Pharmacists in Global Public Health (6 hours)**  
Understanding global health challenges and the pharmacist's role  
Careers in NGOs, WHO, and global health initiatives  
Policy-making and advocacy in public health  
Practical: Designing a public health campaign

**Module 5: Personal Branding and Professional Development (6 hours)**  
Building a professional network using LinkedIn and other platforms  
Crafting a compelling CV and cover letter for innovative roles  
Interview preparation for non-traditional pharmacy jobs  
Practical: Mock interviews and LinkedIn profile optimization

### Textbook Reference:

1. **Designing Your Life: How to Build a Well-Lived, Joyful Life** by Bill Burnett and Dave Evans
2. **Pharmacy: What It Is and How It Works** by William N. Kelly
3. **Brand You: Turn Your Unique Talents into a Winning Formula** by John Purkiss
4. **The Lean Startup** by Eric Ries
5. **Global Health 101** by Richard Skolnik
6. **Healthcare Technology Innovation: A Guide for Executives and Inventors** by A.K. Jha



Principal

Veerdevi College of Pharmacy





# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506



VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

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PRINCIPAL

*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001



*Principal*

**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

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Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date : 23-12-2023

**REPORT**

Name of the program: **INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY**

Duration: 20-11-2023 to 23-12-2023

Academic year: 2023-2024

Resource person details:

**Dr. A. Mahesh,**  
CEO, Crystal Overseas Consultancy

**Dr. P. Girija,**  
professor,  
Department of Pharmacology  
Vaagdevi College of Pharmacy

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. A. Mahesh, CEO, Crystal Overseas Consultancy and Dr. P. Girija, professor, Department of Pharmacology Vaagdevi College of Pharmacy from 20-11-2023 to 23-12-2023. This program was designed to educate the students to create a personalized roadmap to achieve career goals in innovative domains. Totally 40 students participated in this program. Upon completion of the course issued the certificates to the students.

**Coordinator**  
Dr. E. Venkateswarlu, Professor,  
HoD, Department of Pharmacology

**Principal**  
*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal, 506 001

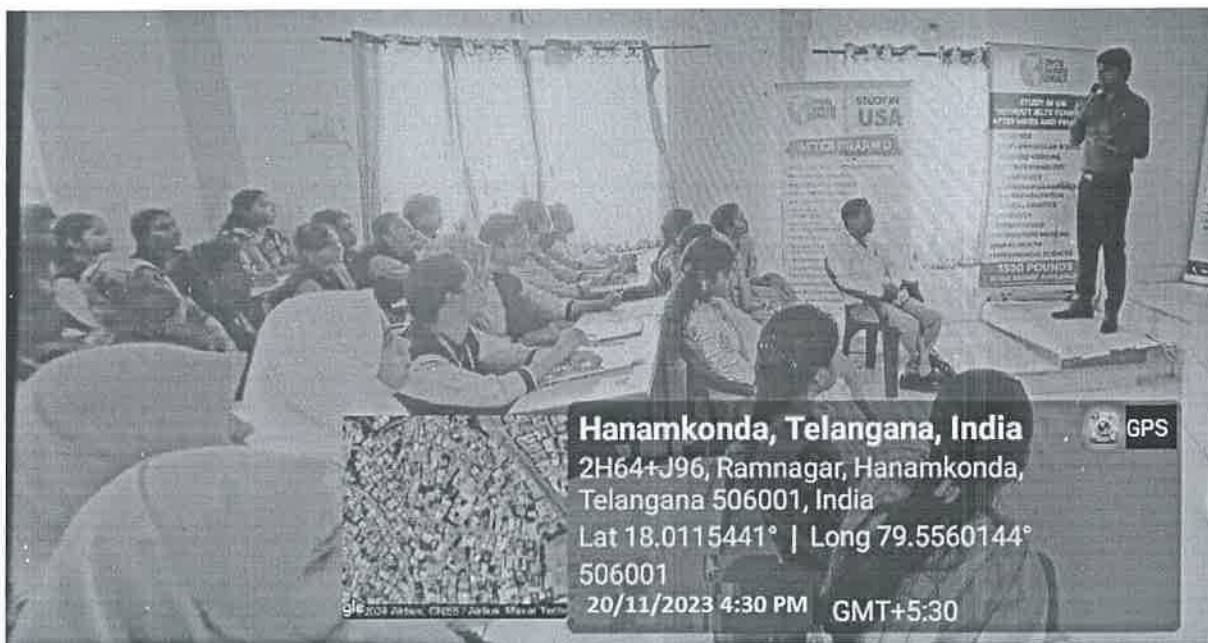


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Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Hanamkonda, Telangana, India**

2H64+J96, Ramnagar, Hanamakonda,  
Telangana 506001, India

Lat 18.0115441° | Long 79.5560144°  
506001

20/11/2023 4:30 PM GMT+5:30



**Class on Innovative Career Pathways: A Roadmap Beyond Traditional Pharmacy by Dr.A. Mahesh**



**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



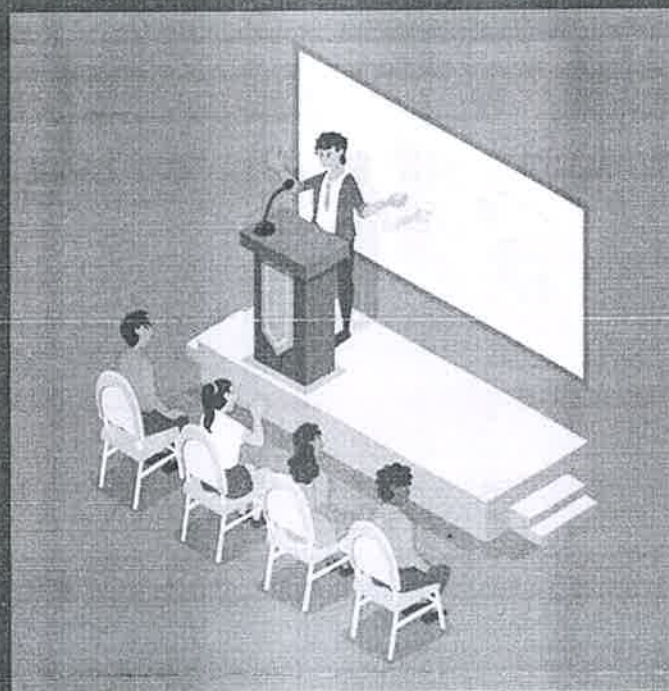
# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

MASTERING THE ART OF PRESENTATION:  
ENHANCING PUBLIC SPEAKING FOR  
HEALTHCARE PROFESSIONALS



FROM 20-11-2023 to 23-12-2023

Principal

Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

Co-Ordinator :  
Dr. B.S. Sharavana bhava,  
Professor & HoD,  
Department of Pharm.D.,  
Vaagdevi College of Pharmacy

#### Resource Persons

1. Dr. S.S. Roshan,  
CAS-RMO,  
MGM Hospital, Warangal
2. Dr. A. Makarandh,  
Assistant Professor,  
Department of Pharm.D.,  
Vaagdevi College of Pharmacy



Dr.S.Sanath Roshan  
MD (PED),  
CAS - RMO,  
MGM HOSPITAL, WGL

Name of the Programme: VALUE ADDED COURSE ON Mastering the Art of  
Presentation: Enhancing Public Speaking for Healthcare Professionals

Schedule: From 20-11-2023 to 23-12-2023

Students: B.Pharm,M.Pharm, Pharm.D.,

Academic Year: 2023 to 2024

Course Code: VCOP/VH4

Timings: Every day 4.30-5.30 PM at LECTURE HALL 03

#### Course Objective

The objective of this course is to equip students with essential skills in public speaking and presentation, focusing on effective communication in academic, professional, and patient-centered environments. Through theoretical knowledge, practical exercises, and constructive feedback, students will develop confidence, clarity, and the ability to convey complex healthcare information to diverse audiences.

#### Course Outcomes

By the end of this course, students will be able to:

1. Demonstrate effective public speaking skills tailored to healthcare settings.
2. Structure and deliver presentations with clarity, coherence, and impact.
3. Employ visual aids and digital tools to enhance communication.
4. Manage stage presence, body language, and voice modulation to engage audiences.
5. Adapt communication strategies to cater to professional, academic, and patient audiences.
6. Critically evaluate and provide constructive feedback on presentations.



Principal  
Vaagdevi College of Pharmacy  
Halarunda, Warangal-506 011

## Course Syllabus

30HRS

### Module 1: Foundations of Public Speaking

(6 hours)

- Introduction to public speaking in healthcare
- Importance of communication in patient care, academic, and professional settings
- Overcoming fear of public speaking
- Characteristics of an effective speaker
- Structuring a speech: Opening, Body, and Conclusion
- Practical: Ice-breaker speeches and self-assessment

### Module 2: Crafting Compelling Content

(6 hours)

- Understanding the audience: Patients, peers, and professionals
- Selecting and organizing content for maximum impact
- Using storytelling to convey complex information
- Incorporating evidence-based data in presentations
- Addressing ethical and cultural sensitivity in communication
- Practical: Preparing a short presentation with peer feedback

### Module 3: Visual and Digital Tools in Presentations

(6 hours)

- Designing effective slides: Simplicity, readability, and visuals
- Using charts, graphs, and infographics to convey data
- Tools: PowerPoint, Canva, and Prezi
- Avoiding common mistakes in visual presentations
- Practical: Creating and presenting a slide deck

### Module 4: Non-Verbal Communication and Delivery Techniques

(6 hours)

- Importance of body language and facial expressions
- Managing stage presence and eye contact
- Voice modulation: Tone, pitch, and pace
- Handling questions and interruptions
- Practical: Recorded practice sessions with analysis

### Module 5: Speaking in Specialized Healthcare Contexts

(6 hours)

- Communicating with patients: Empathy and clarity
- Presenting at academic conferences: Abstracts and posters
- Addressing healthcare professionals: Precision and evidence
- Ethical and legal considerations in healthcare communication
- Practical: Role-playing scenarios

### Textbook Reference:

1. *The Art of Public Speaking* by Stephen E. Lucas
2. *Confessions of a Public Speaker* by Scott Berkun
3. *Healthcare Communication: Principles and Practice* by Gwen van Servellen
4. *Body Language: How to Read Others, Detect Lies, and Build Better Relationships* by James Borg
5. *Presentation Zen: Simple Ideas on Presentation Design and Delivery* by Garr Reynolds



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



*Principal*  
Vaagdevi College of Pharmacy,  
Hanamkonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 14.11.2023

**CIRCULAR**

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on **"DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE"**, **"WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS"**, **"INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY"**, **"MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS"** and **"MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION"** during 20-11-2023 to 23-12-2023 coordinated by Dr. Ch. Mounika, Mrs. K. Ragini, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava and Dr. K. Srinivas Reddy. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

PRINCIPAL

*Principal*

**Vaagdevi College of Pharmacy**

Hanamakonda, Warangal-506 001



*Principal*

**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date : 23-12-2023

### REPORT

Name of the program: **MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS**

Duration: 20-11-2023 to 23-12-2023

Academic year: 2023-2024

Resource person details:

**Dr. S.S. Roshan,**  
**CAS-RMO,**  
**MGM Hospital, Warangal**

**Dr. A. Makarandh,**  
**Assistant Professor,**  
**Department of Pharm.D.,**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda organized a value added program on **MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. S.S. Roshan, CAS-RMO, MGM Hospital, Warangal and Dr. A. Makarandh, Assistant Professor, Department of Pharm.D., Vaagdevi College of Pharmacy from 20-11-2023 to 23-12-2023. This program was designed for the students to adapt communication strategies to cater to professional, academic, and patient audiences. Totally 43 students participated in this program. Upon completion of the course, certificates were issued to the students.

Coordinator

Dr. B.S. Sharavana bhava,  
Professor, HoD, Department of Pharm.D.,

Principal

**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

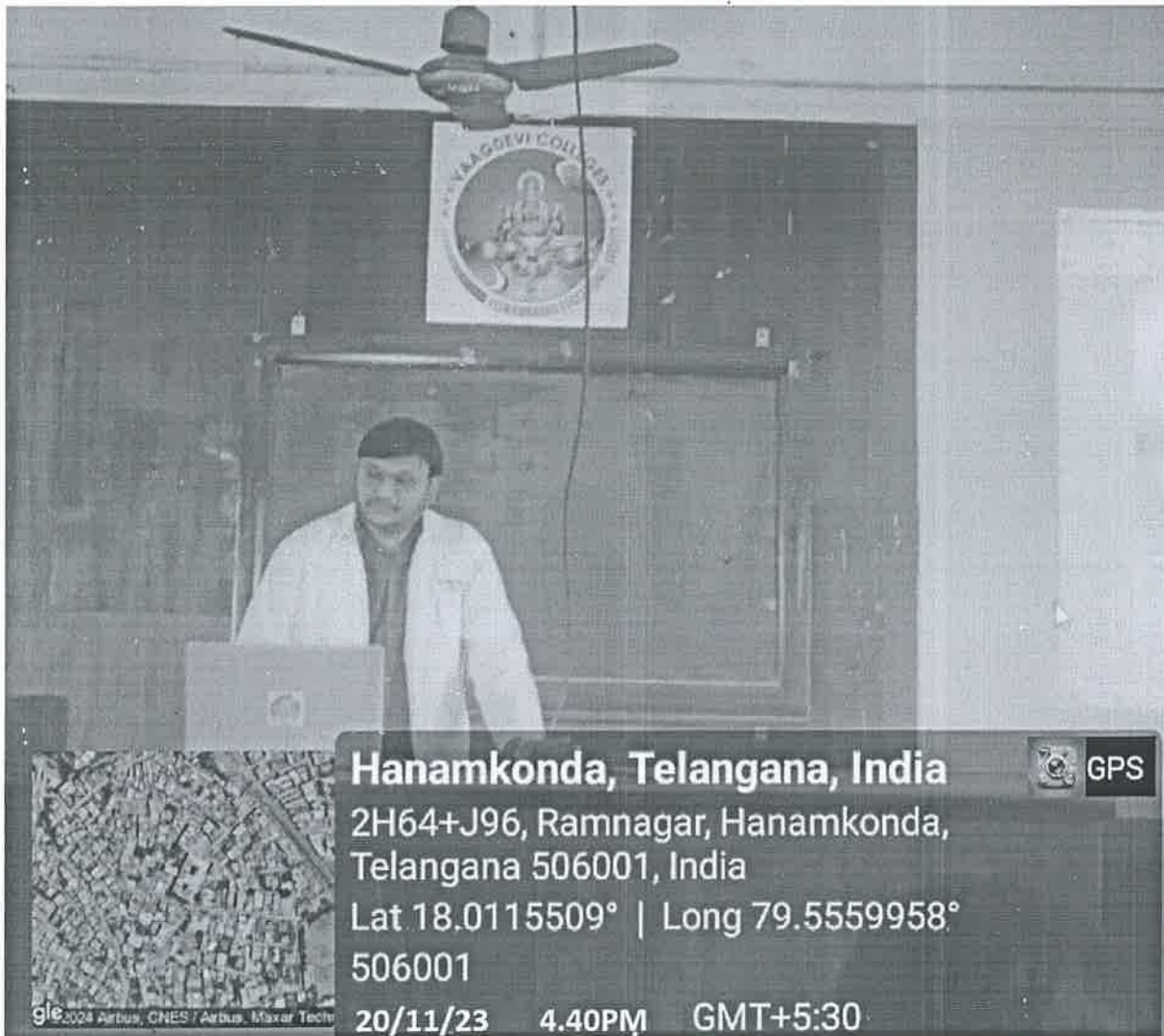


**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Hanamkonda, Telangana, India**



2H64+J96, Ramnagar, Hanamakonda,  
Telangana 506001, India

Lat 18.0115509° | Long 79.5559958°  
506001

© 2024 Airbus, CNES / Airbus, Maxar Techn

20/11/23 4.40PM GMT+5:30

**Class on Mastering the Art of Presentation: Enhancing Public Speaking for Healthcare Professionals by Dr.S.S.Roshan**



  
**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001

OFFICE OF THE SUPERINTENDENT, MGM HOSPITAL - WARANGAL

Re. No. 244 /Peshi/2023

Date: 06-09-2023



**Sub:-** MGM Hospital, Warangal - Internship (Residency) Program of Pharm-D students for the academic year 2023-2024 - Posting Orders - Issued - Reg.

- Ref:-** 1) Re. No. 50-210/2008-PCI-11716-17, Dated: 24-09-2008 of Registrar-cum-Secretary, Pharmacy Council of India, New Delhi.  
2) Letter from the Principal, Vaagdevi College of Pharmacy, Hanamkonda, Dated: 06-09-2023.

\*\* \*\*

As per the reference to the G.O. Ms. No. 398 HM&FW (E1) Department, Dated: 15-11-2008 MOU tie-up made with Vaagdevi College of Pharmacy, Hanamkonda and also guidelines given by the Director of Medical Education, TS, Hyderabad. The Superintendent, MGM Hospital, Warangal is pleased to admit the Pharm-D Students (II, III, IV, V and VI) for hospital training program. MGM Hospital, Warangal for one year which includes postings in specialization (In-patients / Out-patients) i.e., General Medicine, Anesthesia, Neurology, ART Centre, Dermatology, Dialysis, Psychiatry, Oncology, Gastroenterology, General Surgery, Paediatrics and Orthopedic Ward specialities.

Hence, the above concerned HODs of this hospital are requested to admit the Pharm-D students as per schedule enclosed.

*06/09/2023*

SUPERINTENDENT,  
MGM HOSPITAL - WARANGAL  
SUPERINTENDENT

(Add. DME)

MGM HOSPITAL, WARANGAL

To

All the above concerned HODs of this hospital.

Copy to all RMOs of this hospital.

Copy to the Principal, Vaagdevi College of Pharmacy, Hanamkonda.

Copy to Stock file.



*Principal*

Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.


VALUE ADDED COURSE  
ON

# MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION



FROM 20-11-2023 TO 23-12-2023

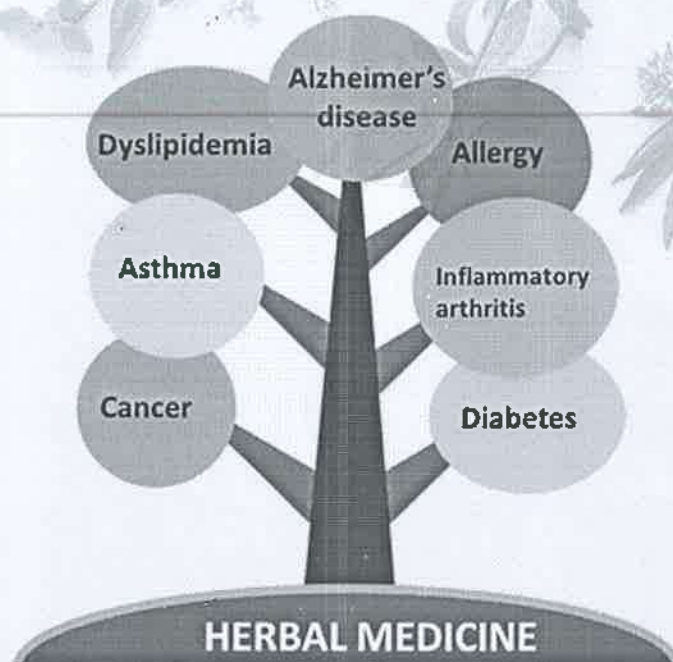


  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

**Co-ordinator :**  
**Dr. K. Srinivas Reddy,**  
**Professor & HoD,**  
**Department of Pharmacognosy**  
**Vaagdevi College of Pharmacy**

**Resource Persons:**  
**Dr. N. Saritha,**  
**Ajara Hospitals, Warangal**

**Mrs. B. Krishnaveni,**  
**Associate Professor,**  
**Department of Pharmacognosy**  
**Vaagdevi College of Pharmacy**



**Name of the Programme: VALUE ADDED COURSE ON**  
**Modern Approaches to Herbal Formulation and Standardization**

**Schedule: From 20-11-2023 to 23-12-2023**

**Students: B.Pharm, M.Pharm, Pharm.D.,**

**Academic Year: 2023 to 2024**

**Course Code: VCOP/VH5**

**Timings: Every day 4.30-5.30 PM at LECTURE HALL 04**

### **Course Objective**

The objective of this course is to provide students with a comprehensive understanding of modern techniques in the formulation and standardization of herbal products. The course aims to bridge traditional knowledge with contemporary scientific approaches, emphasizing quality assurance, regulatory compliance, and innovative methodologies in the development of herbal formulations.

### **Course Outcomes**

By the end of this course, students will be able to:

- 1. Understand the principles and significance of herbal formulation and standardization.**
- 2. Develop herbal formulations using scientific methodologies.**
- 3. Analyze the phytochemical and pharmacological properties of herbal ingredients.**
- 4. Apply modern analytical techniques for quality control and standardization.**
- 5. Comprehend regulatory requirements and guidelines for herbal products.**
- 6. Design innovative approaches to improve the efficacy and safety of herbal formulations.**



**Principal**  
**Vaagdevi College of Pharmacy**

**Module 1: Introduction to Herbal Formulation**

**(6 hours)**

- Historical perspectives and evolution of herbal formulations
- Importance of herbal products in modern healthcare
- Classification of herbal formulations: Powders, tablets, syrups, and extracts
- Challenges in herbal formulation development
- Practical: Preparation of herbal decoctions and infusions

**Module 2: Phytochemical Profiling and Extraction Techniques**

**(6 hours)**

- Phytochemicals: Alkaloids, flavonoids, terpenoids, and glycosides
- Extraction methods: Soxhlet, maceration, and ultrasound-assisted techniques
- Isolation and purification of active compounds
- Case studies: Successful herbal extractions and their applications
- Practical: Demonstration of Soxhlet extraction and solvent evaporation

**Module 3: Analytical Techniques in Herbal Standardization**

**(6 hours)**

- Importance of standardization in herbal formulations
- Analytical techniques: HPLC, GC-MS, and UV spectroscopy
- Fingerprinting and marker compound analysis
- Quality control parameters: Purity, potency, and safety
- Practical: HPLC analysis of herbal extracts

**Module 4: Formulation Development and Stability Studies**

**(6 hours)**

- Principles of herbal formulation design
- Role of excipients in herbal products
- Techniques for enhancing bioavailability of herbal actives
- Stability testing: Protocols and significance
- Practical: Formulation of herbal tablets and stability testing

**Module 5: Regulatory and Safety Aspects of Herbal Products**

**(6 hours)**

- Overview of global regulatory frameworks (FDA, EMA, AYUSH)
- Safety assessment and toxicological studies
- Labeling requirements and good manufacturing practices (GMP)
- Adulteration and quality assurance challenges
- Practical: Group activity: Preparing a regulatory dossier for a herbal product

**Textbook Reference:**

1. *Nanotechnology in Herbal Medicine* by Sabu Thomas et al.,
2. *Phytopharmaceuticals in Drug Development* by Chukwuebuka Egbuna and Abhay Prakash Mishra
3. *Regulatory Affairs for Biomaterials and Medical Devices* by Stephen F. Amato and Robert M. Ezzell Jr.
4. *Herbal Drug Technology* by S. S. Agrawal and M. Paridhavi
5. *Pharmacognosy and Phytochemistry* by Vinod D. Rangari



Principal

Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.



*Principal*  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 14.11.2023

**CIRCULAR**

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on **"DIGITAL TRANSFORMATION IN PHARMACY: TOOLS FOR THE FUTURE"**, **"WEB DESIGN ESSENTIALS FOR HEALTHCARE PROFESSIONALS"**, **"INNOVATIVE CAREER PATHWAYS: A ROADMAP BEYOND TRADITIONAL PHARMACY"**, **"MASTERING THE ART OF PRESENTATION: ENHANCING PUBLIC SPEAKING FOR HEALTHCARE PROFESSIONALS"** and **"MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION"** during 20-11-2023 to 23-12-2023 coordinated by Dr. Ch. Mounika, Mrs. K. Ragini, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava and Dr. K. Srinivas Reddy. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

PRINCIPAL

*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001



*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001



VISHWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date : 23-12-2023

### REPORT

Name of the program: **MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION**

Duration: 20-11-2023 to 23-12-2023

Academic year: 2023-2024

Resource person details:

**Dr. N. Saritha,**  
**M.Sc (Nutrition),**  
**Ajara Hospitals, Warangal**

**Mrs. B. krishnaveni,**  
**Associate Professor,**  
**Department of Pharmacognosy,**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **MODERN APPROACHES TO HERBAL FORMULATION AND STANDARDIZATION** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. N. Saritha, M.Sc (Nutrition), Ajara Hospitals, Warangal and Mrs. B. krishnaveni, Associate Professor, Department of Pharmacognosy, Vaagdevi College of Pharmacy from 20-11-2023 to 23-12-2023. This program was designed to educate the students about innovative approaches to improve the efficacy and safety of herbal formulations. Totally 60 students participated in this program. Upon completion of the course issued the certificates to the students.

**Coordinator**

Dr. K. Srinivas Reddy,  
Professor, HoD, Department of pharmacognosy



**PRINCIPAL**

*Principal*

**Vaagdevi College of Pharmacy**

Hanamkonda, Warangal-506 001

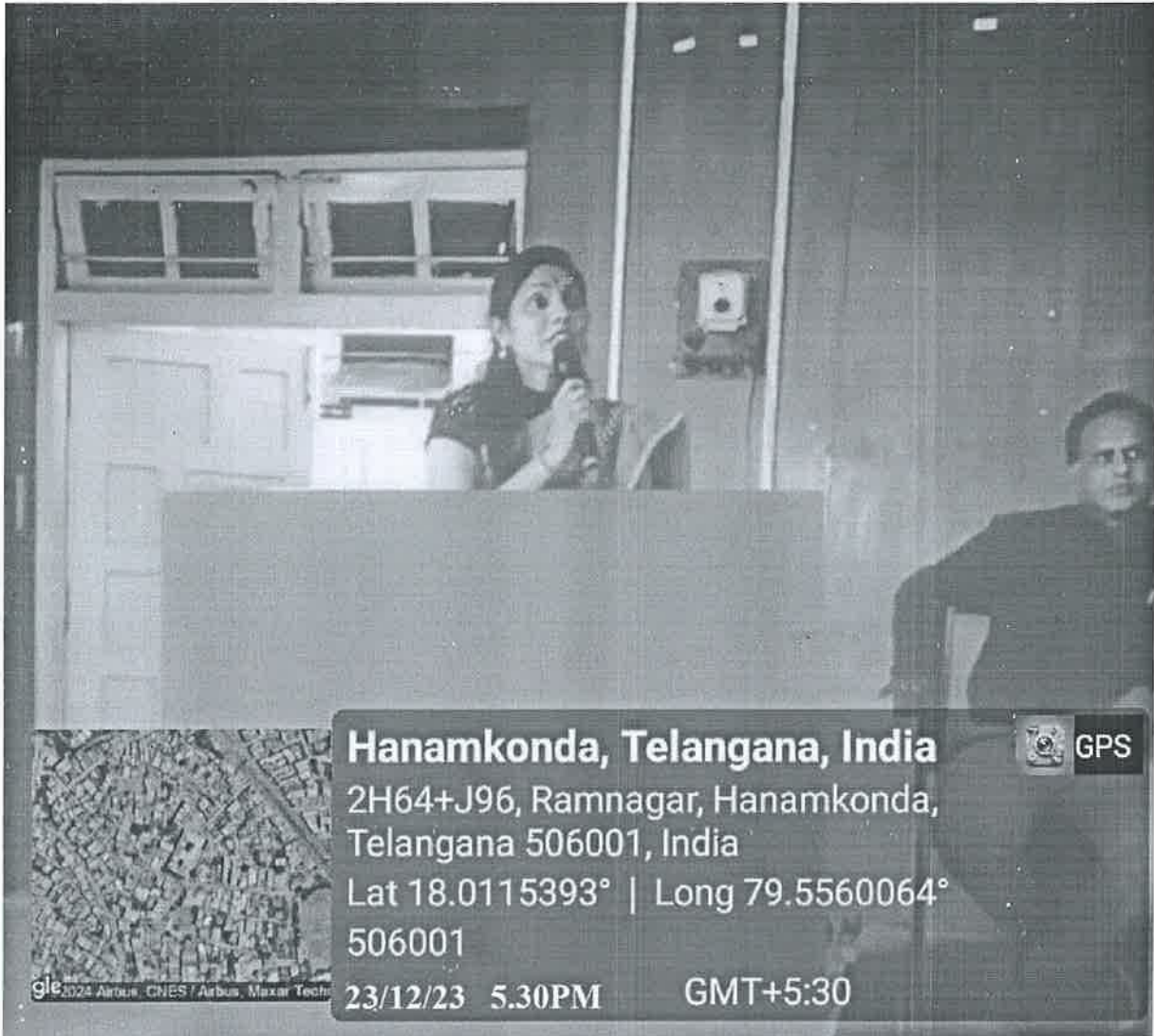
*Principal*

**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Class on Modern Approaches to Herbal Formulation and Standardization by**

**Mrs.B.Krishnaveni**





**Principal**  
**Vaagdevi College of Pharmacy**  
**Hanamkonda, Warangal-506 001**

## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/ Institute and Second Party **AJARA Hospitals, Mulugu road, Warangal-506007, Telangana.**

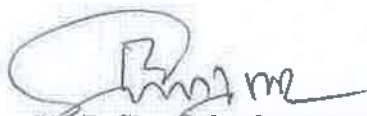
The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava, HOD, Pharm.D.,** and second party **Dr. B. Siva Subrahmanyam, MD, AJARA Hospitals, Warangal.**

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.

This M.O.U will come into force from **11-08-2023 to 10-08-2024**

For **AJARA Hospital**

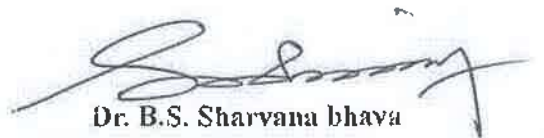


**Dr. B. Siva Subrahmanyam,**  
Managing Director,  
AJARA Hospitals, Warangal.

**Dr. B. SIVASUBRAMANYAM,**  
Reg.No:12127 MD(Gen.)  
Consultant Physician  
Managing Director



For **Vaagdevi College of Pharmacy,**



**Dr. B.S. Sharvana bhava**  
H.O.D, Pharm.D.,  
Vaagdevi College of Pharmacy

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.



**Principal**

**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



**Principal**

**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

VALUE ADDED COURSE  
ON

NAVIGATING THE LAW:  
LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS



FROM 22-01-2024 to 27-02-2024



Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-500001

**Co-ordinator :**

**Dr. S. Pavani,**  
**Professor,**  
**Department of Pharmaceutics**  
**Vaagdevi College of Pharmacy**

**Resource Persons:**

- 1. Dr. D. Sai Srinivas Sharma,**  
**Pharm.D., LLB,**  
**Advocate, Warangal.**
- 2. Mrs. V. Srilekha,**  
**Assistant Professor,**  
**Department of Pharmaceutics,**  
**Vaagdevi College of Pharmacy**



**Name of the Programme: VALUE ADDED COURSE ON**  
**Navigating the Law: Legal Literacy for Healthcare Professionals**

**Schedule: From 22-01-2024 to 27-02-2024**

**Students: B.Pharm, M.Pharm, Pharm.D.,**

**Academic Year: 2023 to 2024**

**Course Code: VCOP/VH6**

**Timings: Every day 4.30-5.30 PM at SEMINAR HALL 01**

**Course Objective:**

The objective of this course is to provide healthcare professionals with essential legal knowledge and understanding of how laws and regulations impact the healthcare industry. The course aims to equip students with the ability to navigate legal frameworks effectively, ensuring compliance with healthcare laws, protecting patient rights, and minimizing legal risks in clinical practice.

**Course Outcomes:**

By the end of this course, students will be able to:

1. Understand the fundamental principles of healthcare law and its application in clinical practice.
2. Identify and interpret key healthcare laws, including patient rights, privacy, and safety regulations.
3. Navigate the legal responsibilities and liabilities of healthcare professionals in various healthcare settings.
4. Analyze legal cases and apply legal reasoning to common healthcare scenarios.
5. Understand ethical dilemmas in healthcare and the legal frameworks that guide healthcare decision-making.
6. Apply legal literacy in preventing and managing legal issues related to patient care, medical malpractice, and professional misconduct.
7. Recognize the legal implications of emerging healthcare technologies and policies.



**Principal**  
**Vaagdevi College of Pharmacy**  
**Hanamkonda, Warangal-506 001**

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**Course Syllabus:**

**30HRS**

**Module 1: Introduction to Healthcare Law (6 hours)**

- Overview of healthcare law and its significance for healthcare professionals
- Sources of healthcare law: statutory law, common law, regulations, and case law
- The relationship between law and ethics in healthcare
- Key legal terms and concepts in healthcare law

**Module 2: Patient Rights and Healthcare Privacy (6 hours)**

- Legal principles of patient rights: Informed consent, autonomy, and confidentiality
- The Health Insurance Portability and Accountability Act (HIPAA) and patient privacy
- Legal requirements for patient consent and refusal of treatment
- Medical records and the legal aspects of maintaining patient privacy

**Module 3: Professional Liability and Malpractice (6 hours)**

- Understanding medical malpractice: Definition, liability, and negligence
- Legal principles surrounding medical errors and patient harm
- Case studies of malpractice and their legal outcomes
- Risk management strategies for healthcare professionals

**Module 4: Healthcare Ethics and Legal Decision-Making (6 hours)**

- Ethical principles in healthcare: Autonomy, beneficence, non-maleficence, and justice
- Legal decision-making in life-sustaining treatment and end-of-life care
- Legal and ethical considerations in the treatment of minors and individuals with diminished capacity
- Case studies of ethical and legal dilemmas in healthcare

**Module 5: Regulatory Compliance in Healthcare (6 hours)**

- Overview of healthcare regulations: FDA, CMS, and other regulatory bodies
- Compliance with healthcare regulations in clinical practice
- Legal requirements for healthcare providers: Licensure, accreditation, and certifications
- Addressing violations and legal consequences of non-compliance

**References:**

1. "Healthcare Law and Emerging Technologies" by T. J. Smith
2. "Legal Issues in Public Health and Medicine" (Journal Articles)



**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-509 001

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+ + + +



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



A handwritten signature in green ink, located to the right of the stamp. The signature is stylized and appears to be the name of the principal.

**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 06.01.2024

### CIRCULAR

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on **“NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS”**, **“HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY”**, **“BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE”**, **“CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS”** and **“NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS”** during 22-01-2024 to 27-02-2024 coordinated by Dr. S. Pavani, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava, Dr. D. Kumaraswamy and Dr. Y. Shravan Kumar. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

  
PRINCIPAL

*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



  
*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)

Date : 27-02-2024

**REPORT**

Name of the program: **NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS**

Duration: 22-01-2024 to 27-02-2024

Academic year: 2023-2024

Resource person details: . . .

**Dr. D. Sai Srinivas Sharma, Pharm.D.,  
LLB, Advocate, Warangal.**

**Mrs. V. Srilekha,  
Assistant Professor,  
Department of Pharmaceutics,  
Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. D. Sai Srinivas Sharma, Pharm.D., LLB, Advocate, Warangal and Mrs. V. Srilekha, Assistant Professor, Department of Pharmaceutics, Vaagdevi College of Pharmacy from 22-01-2024 to 27-02-2024. This program was designed to educate the students with the ability to navigate legal frameworks effectively, ensuring compliance with healthcare laws, protecting patient rights, and minimizing legal risks in clinical practice. Totally 51 students participated in this program. Upon completion of the course issued the certificates to the students.

*S. Pavani*

Coordinator

Dr. S. Pavani,  
Professor,  
Department of Pharmaceutics

*[Signature]*  
Principal

**Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001**



*[Signature]*  
**Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001**



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Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Class on Navigating the Law: Legal Literacy for Healthcare Professionals by  
Dr. D. Sai Srinivas Sharma**



  
**Principal**  
**Vaagdevi College of Pharmacy**  
**Hanamkonda, Warangal-506 001**



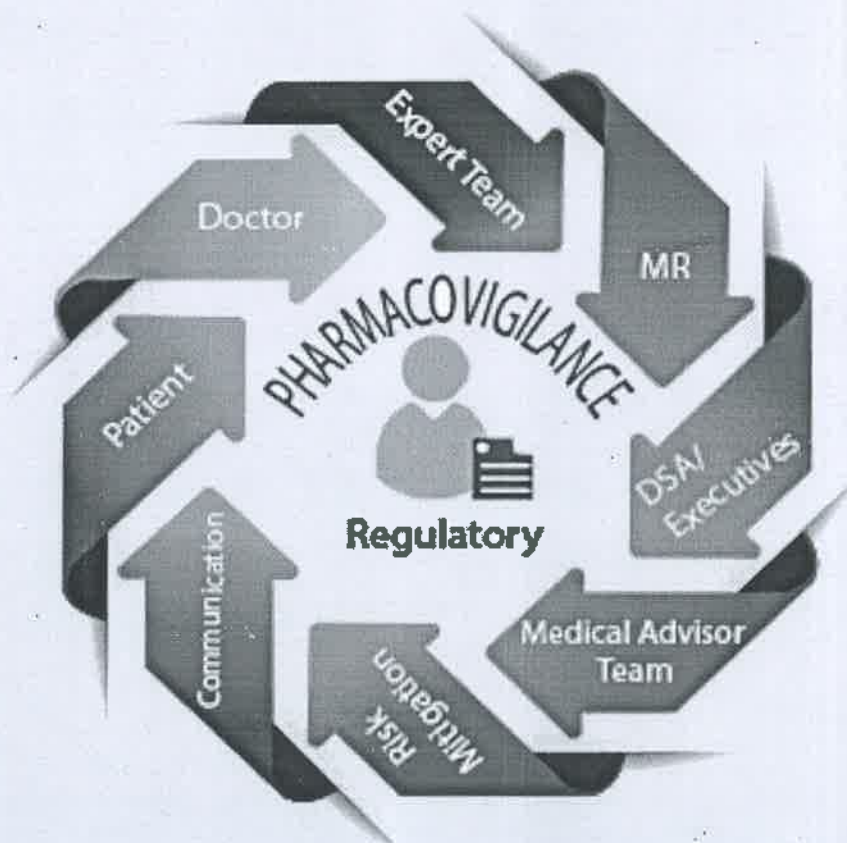
# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

### HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY



FROM 22-01-2024 TO 27-02-2024



*Principal*  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

**Co-ordinator :**

**Dr. E. Venkateshwarlu,**  
**Professor & HoD,**  
**Department of Pharmacology**  
**Vaagdevi College of Pharmacy**

**Resource Persons:**

- 1. Dr. B. Siva Subrahmanyam,**  
**Consultant Physician & Diabetologist,**  
**Ajara Hospitals, Warangal**
- 2. Dr. B.S. Sharavana bhava,**  
**Professor & HoD,**  
**Department of Pharm.D.,**  
**Vaagdevi College of Pharmacy**



**NAME OF THE PROGRAMME: VALUE ADDED COURSE ON  
HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT  
SAFETY**

**SCHEDULE: FROM 22-01-2024 TO 27-02-2024**

**STUDENTS: B.PHARM,M.PHARM, PHARM.D.,**

**ACADEMIC YEAR: 2023 TO 2024**

**COURSE CODE: VCOP/VH7**

**TIMINGS: EVERY DAY 4.30-5.30 PM AT SEMINAR HALL 02**

**Course Objective**

The objective of this course is to provide students with a comprehensive understanding of the role of Artificial Intelligence (AI) in enhancing pharmacovigilance and ensuring patient safety. The course aims to equip students with theoretical knowledge and practical skills to utilize AI tools for monitoring, analyzing, and mitigating adverse drug reactions (ADRs) while improving overall healthcare outcomes.

**Course Outcomes**

By the end of this course, students will be able to:

- 1. Understand the fundamentals of Artificial Intelligence and its application in health care.**
- 2. Analyze the role of AI in adverse drug reaction detection and reporting.**
- 3. Evaluate the ethical and regulatory considerations in AI-driven pharmacovigilance.**
- 4. Utilize AI tools and software for data mining and signal detection in pharmacovigilance.**
- 5. Integrate AI methodologies into patient safety initiatives to improve healthcare outcomes.**
- 6. Design innovative approaches to pharmacovigilance using AI technologies.**



**Principal**  
**Vaagdevi College of Pharmacy**  
**Warangal-506 001**

**Module 1: Introduction to Artificial Intelligence in Healthcare (6 hours)**

- Basics of AI: Machine Learning, Deep Learning, and Natural Language Processing
- AI applications in healthcare: Overview and opportunities
- Introduction to pharmacovigilance and patient safety
- Role of AI in transforming pharmacovigilance practices
- Practical: Exploring basic AI tools and platforms

**Module 2: AI in Adverse Drug Reaction Detection (6 hours)**

- Adverse drug reactions: Classification and significance
- Signal detection and data mining using AI
- AI-driven pharmacovigilance databases and tools
- Case studies: Successful applications of AI in ADR monitoring
- Practical: Hands-on session with data mining software (e.g., Python, R)

**Module 3: AI in Predictive Analytics for Patient Safety (6 hours)**

- Predictive modeling for adverse event prediction
- Risk assessment using AI algorithms
- Integration of patient data and electronic health records (EHRs) with AI
- Practical: Building simple predictive models using AI tools

**Module 4: Ethical and Regulatory Considerations in AI-driven Pharmacovigilance (6 hours)**

- Regulatory framework for AI in healthcare (FDA, EMA guidelines)
- Ethical considerations: Bias, transparency, and accountability
- Challenges in implementing AI in pharmacovigilance
- Practical: Analyzing case studies on regulatory approval of AI tools

**Module 5: AI Tools and Platforms for Pharmacovigilance (6 hours)**

- Overview of AI tools: IBM Watson, TensorFlow, and other platforms
- Signal detection software: VigiBase, OpenVigil, and others
- Comparative analysis of AI tools for pharmacovigilance
- Practical: Demonstration and use of VigiBase for ADR signal detection

**Textbook Reference:**

1. Artificial Intelligence in Healthcare: Concepts, Applications, and Perspectives by Parag Suresh Mahajan
2. Artificial Intelligence and Machine Learning for Healthcare by Anshul Joshi
3. Data Mining for Pharmacovigilance by Andrew Bate
4. Artificial Intelligence in Medicine: Regulation and Ethics by Jonathan Herring
5. Practical Predictive Analytics and Decisioning Systems for Medicine by Linda Miner et al.
6. Pharmacovigilance: A Practical Approach by Joanne Barnes and Elizabeth Williamson



Principal  
Vasudevi College of Pharmacy  
506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



*Principal*

**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist, Hanamakonda- 506001. (T.S)

Date: 06.01.2024

### CIRCULAR

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on "NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS", "HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY", "BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE", "CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS" and "NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS" during 22-01-2024 to 27-02-2024 coordinated by Dr. S. Pavani, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava, Dr. D. Kumaraswamy and Dr. Y. Shravan Kumar. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

  
PRINCIPAL

Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



  
Principal  
Vaagdevi College of Pharmacy  
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Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date : 27-02-2024

**REPORT**

Name of the program: **HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY**

Duration: 22-01-2024 to 27-02-2024

Academic year: 2023-2024

Resource person details:

**Dr. B. Siva Subrahmanyam,**  
**Consultant Physician & Diabetologist,**  
**Ajara Hospitals, Warangal**

**Dr. B.S. Sharavana bhava,**  
**Professor,**  
**HoD, Department of Pharm.D.,**

**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. B. Siva Subrahmanyam, Consultant Physician & Diabetologist, Ajara Hospitals, Warangal and Dr. B.S. Sharavana bhava, Professor, HoD, Department of Pharm.D., Vaagdevi College of Pharmacy from 22-01-2024 to 27-02-2024. This program was designed to educate the students to utilize AI tools for monitoring, analyzing, and mitigating adverse drug reactions (ADRs). Totally 45 students participated in this program. Upon completion of the course issued the certificates to the students.

**Coordinator**

**Dr. E. Venkateswarlu,**

**Professor,**

**HoD, Department of Pharmacology**

**Principal**

**Principal**

**Vaagdevi College of Pharmacy**

**Hanamkonda, Warangal-506 001**



**Principal**

**Vaagdevi College of Pharmacy**

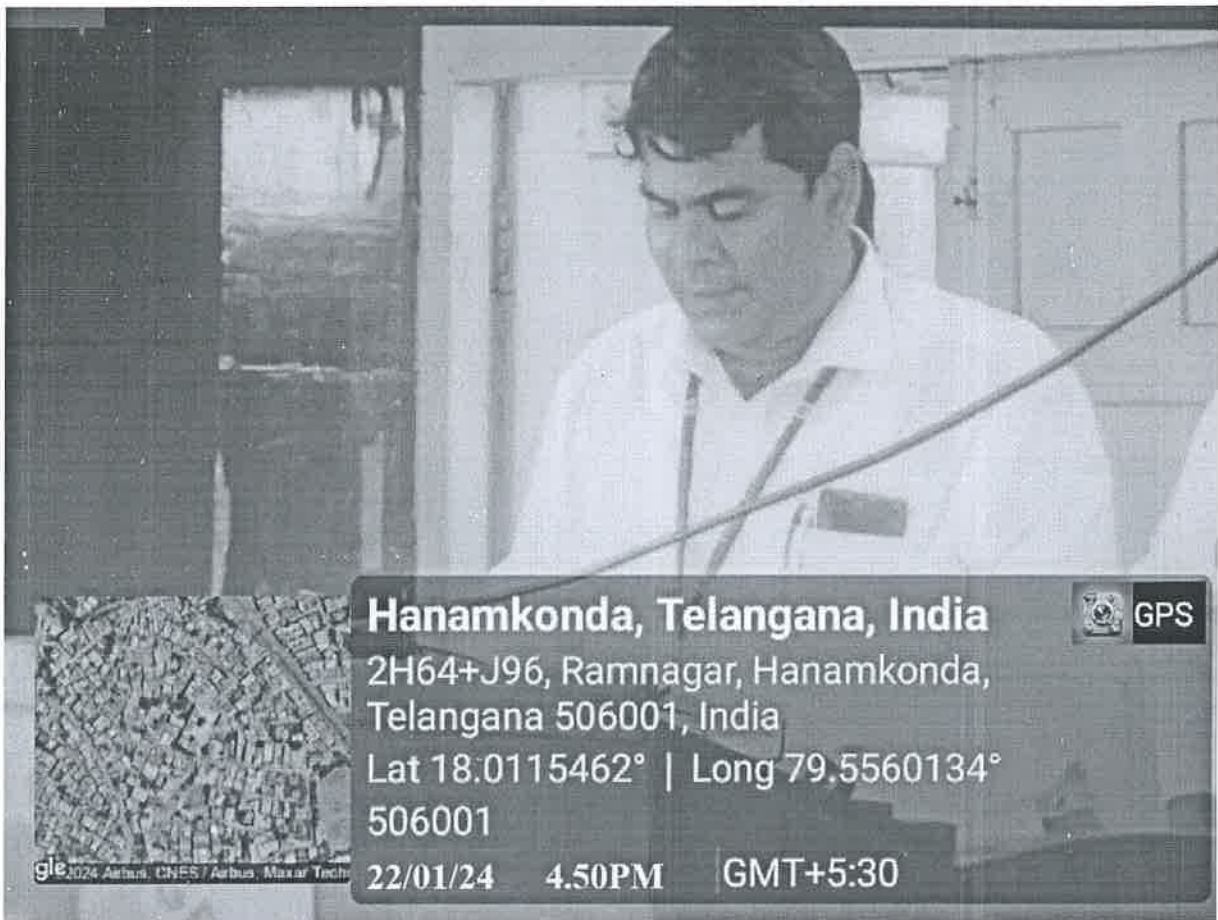
**Hanamkonda, Warangal-506 001**



VISWAMBHARA EDUCATIONAL SOCIETY

# VAAGDEVI COLLEGE OF PHARMACY


[Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S]  
Ramnagar Dist. Hanamakonda- 506001, (T.S)



Class on Harnessing Artificial Intelligence in Pharmacovigilance and Patient Safety by

Dr. B. S. Sharavana bhava



  
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Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



## MEMORANDUM OF UNDERSTANDING FOR HOSPITAL – INSTITUTE INTERACTION

This M.O.U is between **Vaagdevi College of Pharmacy, 2-2-457/3 Ramnagar, Hanamkonda** here onwards called First Party/ Institute and Second Party **AJARA Hospitals, Mulugu road, Warangal-506007, Telangana.**


The first party i.e., Institute is conducting B.Pharm., M.Pharm., Pharm.D., & Pharm.D (PB), courses and engaged in teaching and conducting research and is represented by **Dr. B.S. Sharvana bhava, HOD, Pharm.D.,** and second party **Dr. B. Siva Subrahmanyam, MD, AJARA Hospitals, Warangal.**

The guidelines of understanding are as follows:

- 1) The Institute will use the facilities for data collection, review of case sheets, patient counselling, medication history interview, recording the demographics of patients visiting the hospital, ADR reporting and academic project submissions.
- 2) The first party i.e., Vaagdevi College of Pharmacy will not misuse the data obtained from the second party i.e., the Hospital in any terms.
- 3) Other than the above the financial aspects for the developmental activities will be mutually discussed based on case work. Both the parties (Institute & Hospital) will work for the research activities in the areas of mutual interest. The hospital will also help in training the required students in Clinical Pharmacy aspects, Training and Placements.


This M.O.U will come into force from **11-08-2023 to 10-08-2024**

For **AJARA Hospital**

  
**Dr. B. Siva Subrahmanyam,**  
Managing Director,  
**AJARA Hospitals, Warangal.**  
**Dr. B. SIVASUBRAMANYAM,**  
Reg.No:12127 \* \* MD(Ge.Ne.)  
Consultant Physician  
Managing Director



For **Vaagdevi College of Pharmacy,**

  
**Dr. B.S. Sharvana bhava**  
H.O.D, Pharm.D.,  
**Vaagdevi College of Pharmacy**

**Dr. B.S. SHARVANA BHAVA, M.Pharm, Ph.D**  
Professor & Head  
Department of Clinical Pharmacy & Pharm.D  
Vaagdevi College of Pharmacy, Warangal.



  
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**Principal**  
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Hanamkonda, Warangal-506 001



# VAAGDEVI COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

## BIG DATA ANALYTICS IN PERSONALIZED MEDICINE : TRANSFORMING PATIENT CARE

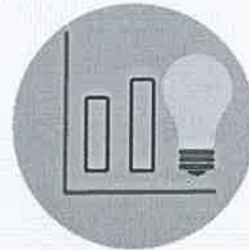
### Key data factors in pharma



Data  
governance



Support business  
workflows



Advanced  
analytics



Proficiency in  
cloud computing

FROM 22-01-2024 TO 27-02-2024



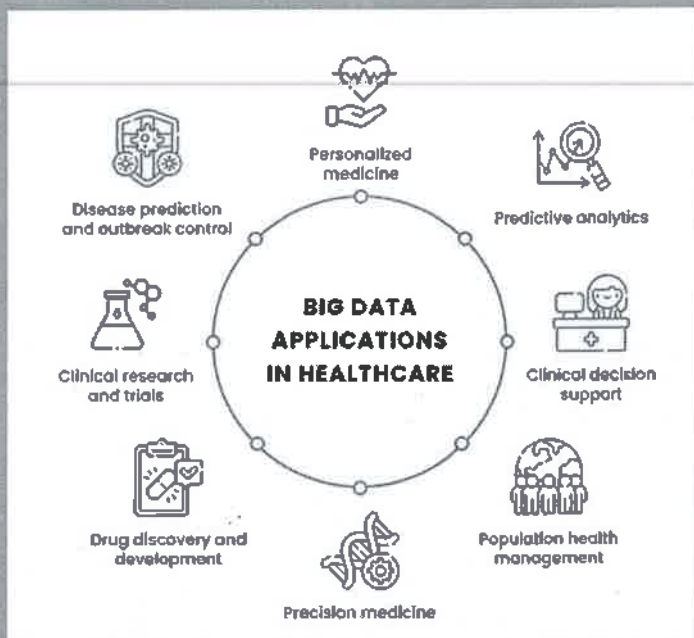
Principal  
Vaagdevi College of Pharmacy,  
Hanamkonda, Warangal-506 001

Co-Ordinator :

Dr. B.S. Sharavana bhava,  
Professor & HoD,  
Department of Pharm.D.,  
Vaagdevi College of Pharmacy

Resource Persons:

1. Dr. P. Gopinath,  
Associate Professor,  
Dept. of Mathematics & Statistics,  
Chaitanya Deemed to be University, Hyderabad.  
2. Dr. P. Girija,  
Professor,  
Department of Pharmacology,  
Vaagdevi College of Pharmacy



Name of the Programme: VALUE ADDED COURSE ON  
Big Data Analytics in Personalized Medicine: Transforming Patient Care  
Schedule: From 22-01-2024 to 27-02-2024  
Students: B.Pharm, M.Pharm, Pharm.D.,  
Academic Year: 2023 to 2024  
Course Code: VCOP/VH8  
Timings: Every day 4.30-5.30 PM at lecture hall O2

#### Course Objective

The objective of this course is to introduce students to the fundamentals of big data analytics and its transformative role in personalized medicine. Students will explore how large-scale data integration and analysis are used to tailor medical treatments to individual patients, enhancing therapeutic outcomes and advancing precision healthcare.

#### Course Outcomes

By the end of this course, students will be able to:

1. Understand the principles and applications of big data analytics in healthcare.
2. Analyze the role of genomics, clinical data, and real-world evidence in personalized medicine.
3. Use analytical tools to interpret and visualize complex healthcare datasets.
4. Evaluate ethical, legal, and regulatory issues associated with big data in personalized medicine.
5. Develop strategies to integrate big data analytics into patient care.
6. Propose innovative solutions to real-world challenges in personalized medicine using big data.



*[Signature]*  
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**Module 1: Introduction to Big Data Analytics in Healthcare (6 hours)**

- Overview of big data and its relevance to healthcare
- Fundamentals of personalized medicine: Concepts and goals
- Sources of big data in healthcare: EHRs, genomics, wearable devices
- Challenges in big data integration and management
- Practical: Exploring publicly available healthcare datasets

**Module 2: Genomics and Personalized Medicine (6 hours)**

- Role of genomics in personalized medicine
- Analysis of genomic data using big data tools
- Applications: Pharmacogenomics, gene therapy, and precision oncology
- Case studies: Success stories in genomics-driven patient care
- Practical: Basic genomic data analysis using bioinformatics tools

**Module 3: Analytical Tools and Techniques (6 hours)**

- Introduction to big data tools: Hadoop, Spark, and Python
- Data preprocessing, cleaning, and integration
- Statistical methods and machine learning in big data analytics
- Data visualization techniques
- Practical: Hands-on session with Python for data analysis and visualization

**Module 4: Real-World Applications of Big Data in Healthcare (6 hours)**

- Predictive analytics for disease prevention and management
- AI and big data in drug discovery and clinical trials
- Personalized treatment planning using integrated datasets
- Case studies: Big data in chronic disease management
- Practical: Analyzing real-world data to predict patient outcomes

**Module 5: Ethical, Legal, and Regulatory Aspects (6 hours)**

- Patient privacy and data security in big data analytics
- Ethical issues in personalized medicine
- Regulatory frameworks for big data and precision healthcare
- Addressing bias and fairness in data analysis
- Practical: Group discussion on ethical dilemmas in big data projects

**Textbook Reference:**

1. Healthcare Analytics: From Data to Knowledge to Healthcare Improvement by Hui Yang and Eva K. Lee
2. Big Data in Healthcare: Statistical and Analytical Techniques for Public Health by Katherine Marconi and Harold Lehmann
3. Ethics and Data Science by Mike Loukides, Hilary Mason, and DJ Patil
4. Predictive Analytics for Healthcare by Vikas (Vik) Kumar
5. Python for Data Analysis: Data Wrangling with Pandas, NumPy, and IPython by Wes McKinney



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# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



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Vaagdevi College of Pharmacy,  
Hanamkonda, Warangal-506 001



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## VAAGDEVI COLLEGE OF PHARMACY

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Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 06.01.2024


### CIRCULAR

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on "NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS", "HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY", "BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE", "CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS" and "NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS" during 22-01-2024 to 27-02-2024 coordinated by Dr. S. Pavani, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava, Dr. D. Kumaraswamy and Dr. Y. Shravan Kumar. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

  
PRINCIPAL

Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



  
Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY

## VAAGDEVI COLLEGE OF PHARMACY

[Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S]  
Ramnagar Dist. Hanamakonda- 506001, (T.S)

Date : 27-02-2024

### REPORT

Name of the program: **BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE**

Duration: 22-01-2024 to 27-02-2024

Academic year: 2023-2024

Resource person details:

**Dr. P. Gopinath,**  
**Associate Professor,**  
**Dept. of Mathematics & Statistics,**  
**Chaitanya Deemed to be University, Hyderabad.**

**Dr. P. Girija,**  
**Professor,**  
**Department of Pharmacology,**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. P. Gopinath, Associate Professor, Dept. of Mathematics & Statistics, Chaitanya Deemed to be University, Hyderabad and Dr. P. Girija, Professor, Department of Pharmacology, Vaagdevi College of Pharmacy from 22-01-2024 to 27-02-2024. This program was designed to educate the students about analyze the role of genomics, clinical data, and real-world evidence in personalized medicine. Totally 35 students participated in this program. Upon completion of the course issued the certificates to the students.

Coordinator  
Dr. B.S. Sharavana bhava,  
Professor,  
HoD, Department of Pharm.D.,

Principal  
Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



**VISWAMBHARA EDUCATIONAL SOCIETY**  
**VAAGDEVI COLLEGE OF PHARMACY**

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Ramnagar Dist. Hanamakonda- 506001, (T.S)



**Class on Big Data Analytics in Personalized Medicine: Transforming Patient  
Care by Dr. P. Girija**



*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



# CHAITANYA

(DEEMED TO BE UNIVERSITY)

Declared u/s 3 of UGC Act, 1956 by MHRD, Govt. of India

## MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,  
RAMNAGAR, HANAMKONDA**

And

**CHAITANYA DEEMED TO BE UNIVERSITY,  
HYDERABAD**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and CHAITANYA DEEMED TO BE UNIVERSITY has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose, CHAITANYA DEEMED TO BE UNIVERSITY, HYDERABAD designates Prof.M.Ravinder, Registrar, and Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda designates Dr. C. Srinivas Reddy, Principal.

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on 8<sup>th</sup> August 2023 and be in effect for one year i.e. (8<sup>th</sup> August 2024), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For Chaitanya Deemed to be University,

HYDERABAD

Prof.M.Ravinder

Registrar

Date: 8/8/2023  
Registrar

Chaitanya (Deemed to be University)  
Vill: Himayathnagar, Md: Moinabad,  
Ranga Reddy District, Hyderabad: 500 075.

For VAAGDEVI COLLEGE OF PHARMACY,

RAMNAGAR, HANAMKONDA

Dr. C Srinivas Reddy

Principal

Date:

Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



Principal

Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

*Chromatography Demystified :*

*Advanced Techniques in*

*Pharmaceutical Analysis*



FROM 22-01-2024 TO 27-02-2024



Principal

Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001

## CO-ORDINATOR :

DR. D. KUMARASWAMY,  
PROFESSOR, HOD,  
DEPT. OF PHARMACEUTICAL ANALYSIS  
VAAGDEVI COLLEGE OF PHARMACY

## RESOURCE PERSONS

1. DR. T. MANEESH KUMAR

HOD

DEPT. OF PHARMACEUTICAL ANALYSIS, BIPS, NARSAMPET.

2. MS. M. SHRUTHY,

ASSOCIATE PROFESSOR,

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

VAAGDEVI COLLEGE OF PHARMACY

## NAME OF THE PROGRAMME:

VALUE ADDED COURSE ON CHROMATOGRAPHY DEMYSTIFIED: ADVANCED  
TECHNIQUES IN PHARMACEUTICAL ANALYSIS

SCHEDULE: FROM 22-01-2024 TO 27-02-2024

STUDENTS: B.PHARM, M.PHARM, PHARM.D.,

ACADEMIC YEAR: 2023 TO 2024

COURSE CODE: VCOP/VH9

TIMINGS: EVERY DAY 4.30-5.30 PM AT LECTURE HALL 03



## COURSE OBJECTIVE

THE OBJECTIVE OF THIS COURSE IS TO PROVIDE STUDENTS WITH A DEEP UNDERSTANDING OF ADVANCED CHROMATOGRAPHIC TECHNIQUES AND THEIR APPLICATIONS IN PHARMACEUTICAL ANALYSIS. THIS COURSE AIMS TO EQUIP STUDENTS WITH THEORETICAL KNOWLEDGE AND HANDS-ON EXPERIENCE IN THE PRINCIPLES, INSTRUMENTATION, AND METHODS USED IN CHROMATOGRAPHY FOR QUALITY CONTROL AND RESEARCH IN THE PHARMACEUTICAL INDUSTRY.

## COURSE OUTCOMES

BY THE END OF THIS COURSE, STUDENTS WILL BE ABLE TO:

1. EXPLAIN THE PRINCIPLES AND MECHANISMS OF VARIOUS CHROMATOGRAPHIC TECHNIQUES.
2. SELECT APPROPRIATE CHROMATOGRAPHIC METHODS FOR SPECIFIC PHARMACEUTICAL ANALYSES.
3. OPERATE CHROMATOGRAPHIC INSTRUMENTS AND TROUBLESHOOT COMMON ISSUES.
4. INTERPRET CHROMATOGRAPHIC DATA FOR QUALITY CONTROL AND RESEARCH APPLICATIONS.
5. APPLY ADVANCED CHROMATOGRAPHIC TECHNIQUES IN DRUG DEVELOPMENT AND VALIDATION.
6. EVALUATE CURRENT TRENDS AND ADVANCEMENTS IN CHROMATOGRAPHY FOR PHARMACEUTICAL APPLICATIONS.



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Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



## COURSE SYLLABUS

30HRS

### MODULE 1: FUNDAMENTALS OF CHROMATOGRAPHY (6 HOURS)

- HISTORY AND EVOLUTION OF CHROMATOGRAPHY
- BASIC PRINCIPLES OF CHROMATOGRAPHIC SEPARATION
- TYPES OF CHROMATOGRAPHY: PLANAR AND COLUMN CHROMATOGRAPHY
- KEY PARAMETERS: RETENTION TIME, RESOLUTION, AND EFFICIENCY
- OVERVIEW OF CHROMATOGRAPHIC INSTRUMENTATION
- PRACTICAL: UNDERSTANDING BASIC CHROMATOGRAPHIC SETUPS

### MODULE 2: GAS CHROMATOGRAPHY (GC) (6 HOURS)

- PRINCIPLES AND MECHANISM OF GAS CHROMATOGRAPHY
- INSTRUMENTATION: COMPONENTS AND FUNCTIONS
- STATIONARY PHASES AND DETECTORS IN GC
- APPLICATIONS IN PHARMACEUTICAL ANALYSIS: RESIDUAL SOLVENTS, VOLATILE IMPURITIES
- PRACTICAL: HANDS-ON OPERATION OF GC EQUIPMENT

### MODULE 3: HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) (6 HOURS)

- FUNDAMENTALS OF HPLC AND ITS TYPES (E.G., REVERSE-PHASE, NORMAL-PHASE)
- INSTRUMENTATION AND ROLE OF DETECTORS (UV, PDA, ETC.)
- METHOD DEVELOPMENT AND VALIDATION IN HPLC
- APPLICATIONS: ASSAY OF ACTIVE PHARMACEUTICAL INGREDIENTS (APIS), STABILITY STUDIES
- PRACTICAL: DEVELOPING AND OPTIMIZING AN HPLC METHOD

### MODULE 4: THIN-LAYER CHROMATOGRAPHY (TLC) AND SUPERCRITICAL FLUID CHROMATOGRAPHY (SFC) (6 HOURS)

- TLC: PRINCIPLES, METHODOLOGIES, AND APPLICATIONS IN PHARMACEUTICALS
- VISUALIZATION TECHNIQUES IN TLC
- INTRODUCTION TO SFC: MECHANISMS AND APPLICATIONS
- ADVANTAGES OF SFC OVER OTHER CHROMATOGRAPHIC TECHNIQUES
- PRACTICAL: PERFORMING A TLC ANALYSIS

### MODULE 5: ADVANCES IN CHROMATOGRAPHIC TECHNIQUES (6 HOURS)

- ULTRA-HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (UHPLC)
- TWO-DIMENSIONAL CHROMATOGRAPHY (2D-LC)
- HYPHENATED TECHNIQUES: LC-MS, GC-MS, AND LC-NMR
- REAL-WORLD APPLICATIONS IN PHARMACEUTICAL ANALYSIS
- PRACTICAL: DATA INTERPRETATION FROM HYPHENATED TECHNIQUES

#### Textbook Reference:

1. Analytical Chromatography: Methods and Applications by Joseph Sherma
2. Chromatography: Concepts and Contrasts by James M. Miller
3. Handbook of Pharmaceutical Analysis by HPLC by Satinder Ahuja and Michael Dong
4. Thin-Layer Chromatography In Phytochemistry by Monika Waksmundzka-Hajnos
5. Practical HPLC Method Development by Lloyd R. Snyder *et al.*
6. Introduction to Modern Liquid Chromatography by Lloyd R. Snyder, Joseph J. Kirkland, and John W. Dolan



Veagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR , HANAMKONDA.



*Principal*  
**Vaagdevi College of Pharmacy**  
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VISWAMBHARA EDUCATIONAL SOCIETY

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Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 06.01.2024


### CIRCULAR

All the B.Pharmacy, M.Pharmacy and Pharm.D., students are hereby informed that our college is organizing VALUE ADDED COURSES on "NAVIGATING THE LAW: LEGAL LITERACY FOR HEALTHCARE PROFESSIONALS", "HARNESSING ARTIFICIAL INTELLIGENCE IN PHARMACOVIGILANCE AND PATIENT SAFETY", "BIG DATA ANALYTICS IN PERSONALIZED MEDICINE: TRANSFORMING PATIENT CARE", "**CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS**" and "NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS" during 22-01-2024 to 27-02-2024 coordinated by Dr. S. Pavani, Dr. E. Venkateshwarlu, Dr. B.S. Sharavana bhava, Dr. D. Kumaraswamy and Dr. Y. Shravan Kumar. Enrol your Hall ticket numbers. Your attendance will be taken and certificate will be issued based on 75 percentage attendance and internal assessment.

  
PRINCIPAL

Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



  
Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist, Hanamakonda- 506001, (T.S)

Date : 27-02-2024

**REPORT**

Name of the program: **CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS**

Duration: 22-01-2024 to 27-02-2024

Academic year: 2023-2024

Resource person details:


**Dr. T. Maneesh Kumar,**  
**HoD, Dept. of Pharmaceutical Analysis,**  
**BIPS, Narsampet.**

**Ms. M. Shruthy,**  
**Associate Professor,**  
**Department of Pharmaceutical chemistry**  
**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **CHROMATOGRAPHY DEMYSTIFIED: ADVANCED TECHNIQUES IN PHARMACEUTICAL ANALYSIS** B.Pharmacy, Pharm.D., and M.Pharmacy students by Dr. T. Maneesh Kumar, HoD, Dept. of Pharmaceutical Analysis, BIPS, Narsampet and Ms. M. Shruthy, Associate Professor, Department of Pharmaceutical chemistry Vaagdevi College of Pharmacy from 22-01-2024 to 27-02-2024. This program was designed to educate the students about advanced chromatographic techniques in drug development and validation. Totally 41 students participated in this program. Upon completion of the course issued the certificates to the students.

  
Coordinator

**Dr. D. Kumaraswamy,**  
Professor,  
HoD, Dept. of Pharmaceutical Analysis,

  
Principal

*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



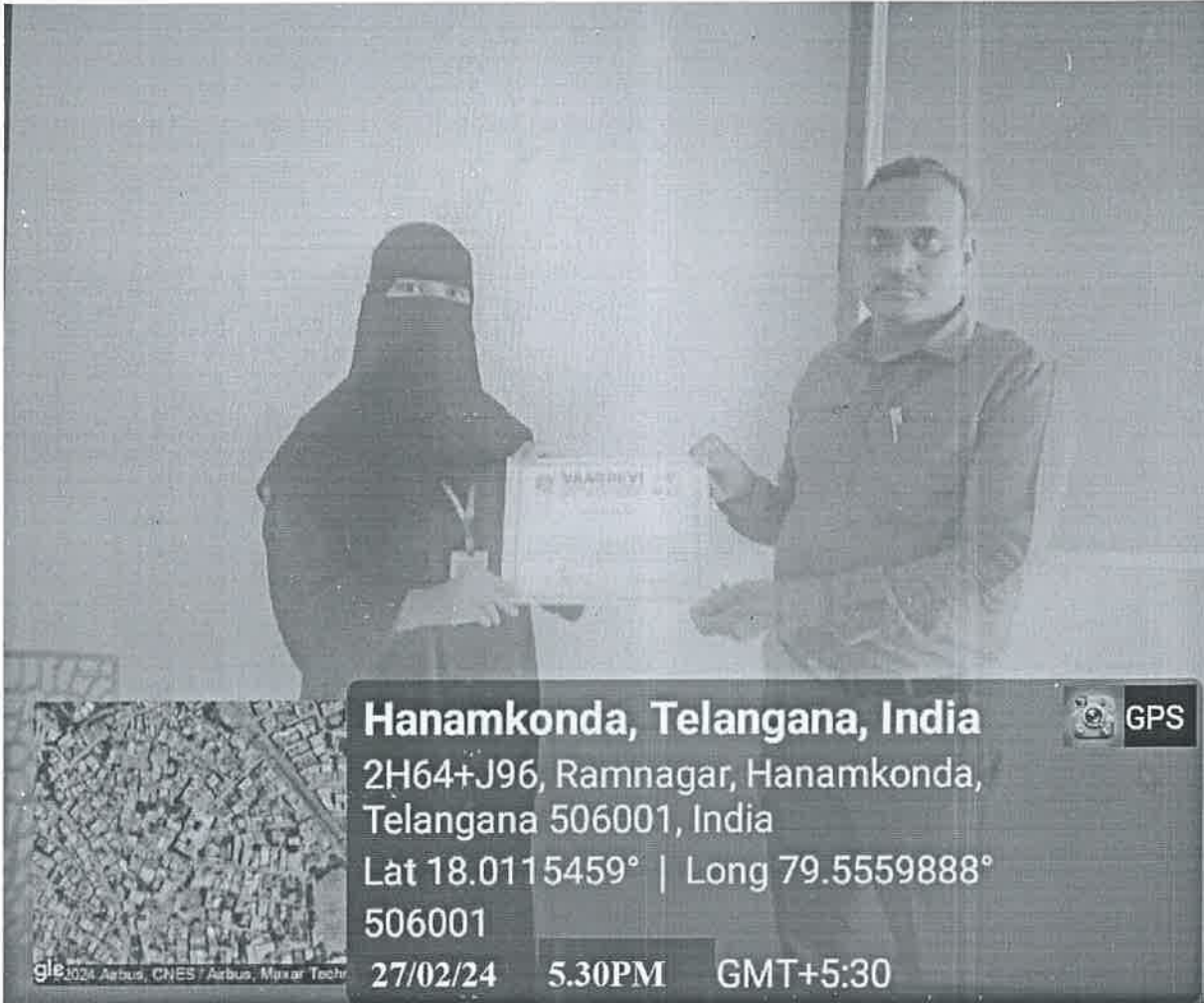
  
**Principal**  
**Vaagdevi College of Pharmacy**  
Hanamakonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY

# VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)



Certificate distribution on Chromatography Demystified: Advanced Techniques in  
Pharmaceutical Analysis by Dr.D.Kumaraswamy



  
**Principal**  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



## Balaji Institute of Pharmaceutical Sciences

Laknepally, Narsampet, Dist. Warangal (Rural) - 506 331 (T.S.)  
Off. : +91 98660 50044, Fax : 08718 230521  
E-mail : principal@bipswgl.org.in  
Website : www.bipswgl.org.in  
Mobile : 9866652412

### MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,**

**RAMNAGAR, HANAMKONDA**

And

**BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES,**

**NARSAMPET**

VAAGDEVI COLLEGE OF PHARMACY, RAMNAGAR, HANAMKONDA, and BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES, NARSAMPET has reached agreement on the following areas of cooperation and subject to mutual consent.

1. Exchange of subject experts
2. Exchange of academic materials and other information
3. Student exchange for internships and placements

The terms of such mutual assistance for any specific program and activity shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of a particular program.

Each institution will designate an individual to coordinate this program all endeavours that may derive from it. For this purpose **BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES, NARSAMPET, designates Dr. A. Shyam Sunder, Principal, and Vaagdevi College of Pharmacy, Ramnagar, Hanamkonda designates Dr. K Srinivas Reddy, Principal.**

No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

This memorandum of Understanding shall commence on 8<sup>th</sup> August 2023 and be in effect for one year i.e. (8<sup>th</sup> August 2024), at which time it shall be reviewed for possible extension. Either party may terminate this letter by written notification signed by the appropriate official of the institution initiating the notice. However, such notification must be received by the other party at least two months prior to the effective date of termination

For **BALAJI INSTITUTE OF PHARMACEUTICAL SCIENCES,**

For **VAAGDEVI COLLEGE OF PHARMACY,**

LAKNEPALLY, NARSAMPET

RAMNAGAR, HANAMKONDA

  
Dr. A. Shyam Sunder

  
Dr. K Srinivas Reddy

Principal

Date: 8/8/23

Balaji Institute of Pharmaceutical Sciences  
Laknepally (V), Narsampet (M)  
(Dt) - 506 331 (T.S)



Principal

Vaagdevi College of Pharmacy

Principal

Date: 08/08/2023

  
Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-50



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

VALUE ADDED COURSE  
ON

### NIOSOMES: REVOLUTIONARY NANOFORMULATIONS IN DRUG DELIVERY SYSTEMS



*Principal*

**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001

**FROM 22-01-2024 TO 27-02-2024**

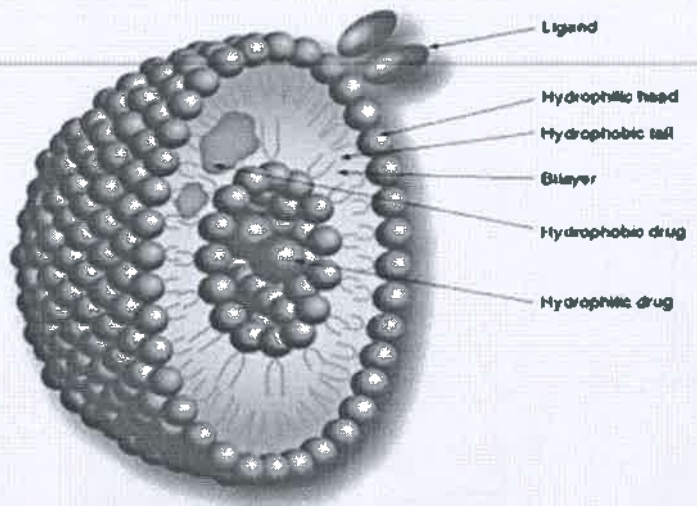
**CO-ORDINATOR :**

**Dr. Y. SHRAVAN KUMAR**  
**PROFESSOR & HOD,**  
**DEPARTMENT OF PHARMACEUTICS**  
**VAAGDEVI COLLEGE OF PHARMACY**

**RESOURCE PERSONS:**

**1. MR. T. ASHWIN KUMAR**  
**ASSOCIATE PROFESSOR**  
**DEPT. OF PHARMACEUTICS**  
**JAYAMUKHI COLLEGE OF PHARMACY**

**2. Dr. S. PAVANI**  
**PROFESSOR**  
**DEPARTMENT OF PHARMACEUTICS**  
**VAAGDEVI COLLEGE OF PHARMACY**



**NAME OF THE PROGRAMME: VALUE ADDED COURSE ON NIOSOMES:REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS**

**SCHEDULE: FROM 22-01-2024 TO 27-02-2024**

**STUDENTS: B.PHARM, M.PHARM, PHARM.D.,**

**ACADEMIC YEAR: 2023 TO 2024**

**COURSE CODE: VCOP/VH10**

**TIMINGS: EVERY DAY 4.30-5.30 PM AT LECTURE HALL 04**

**COURSE OBJECTIVE:**

**THE OBJECTIVE OF THIS COURSE IS TO PROVIDE STUDENTS WITH A COMPREHENSIVE UNDERSTANDING OF NIOSOMES AS AN ADVANCED DRUG DELIVERY SYSTEM. THE COURSE WILL DEVELOP INTO THE FORMULATION, CHARACTERIZATION, AND APPLICATIONS OF NIOSOMES IN MODERN PHARMACEUTICAL SCIENCE, PARTICULARLY FOCUSING ON THEIR POTENTIAL TO IMPROVE THE BIOAVAILABILITY, STABILITY, AND TARGETED DELIVERY OF DRUGS.**

**COURSE OUTCOMES:**

**BY THE END OF THIS COURSE, STUDENTS WILL BE ABLE TO:**

- 1. UNDERSTAND THE CONCEPT OF NIOSOMES AND THEIR ROLE IN DRUG DELIVERY SYSTEMS.**
- 2. FORMULATE AND CHARACTERIZE NIOSOMES USING VARIOUS TECHNIQUES.**
- 3. EVALUATE THE FACTORS AFFECTING THE STABILITY AND RELEASE OF DRUGS FROM NIOSOMAL FORMULATIONS.**
- 4. IDENTIFY THE POTENTIAL ADVANTAGES OF NIOSOMES OVER TRADITIONAL DRUG DELIVERY METHODS.**
- 5. ANALYZE THE APPLICATIONS OF NIOSOMES IN TARGETED DRUG DELIVERY, ESPECIALLY FOR POORLY SOLUBLE DRUGS.**
- 6. CRITICALLY ASSESS THE CHALLENGES IN THE DEVELOPMENT AND COMMERCIALIZATION OF NIOSOMAL DRUG DELIVERY SYSTEMS.**
- 7. INVESTIGATE THE LATEST ADVANCEMENTS IN NIOSOME-BASED DRUG DELIVERY FOR VARIOUS THERAPEUTIC AREAS.**



**Principal**  
**Vaagdevi College of Pharmacy**

**COURSE SYLLABUS:**

**30HRS**

**MODULE 1: INTRODUCTION TO NANOTECHNOLOGY AND DRUG DELIVERY SYSTEMS (6 HOURS)**

- OVERVIEW OF NANOTECHNOLOGY AND ITS IMPACT ON DRUG DELIVERY SYSTEMS
- TYPES OF NANOCARRIERS: LIPOSOMES, NIOSOMES, DENDRIMERS, NANOPARTICLES
- BASIC PRINCIPLES OF DRUG DELIVERY AND TARGETING
- ADVANTAGES AND LIMITATIONS OF NANO-FORMULATIONS

**MODULE 2: NIOSOMES - FUNDAMENTALS AND COMPOSITION (6 HOURS)**

- DEFINITION AND CLASSIFICATION OF NIOSOMES
- COMPOSITION: SURFACTANTS, CHOLESTEROL, AND OTHER ADDITIVES
- TYPES OF NIOSOMES: MULTILAMELLAR VESICLES (MLVS), UNILAMELLAR VESICLES (ULVS), AND VESICLES WITH DRUG ENCAPSULATION
- MECHANISM OF DRUG ENTRAPMENT AND RELEASE
- TEXTBOOK: "NIOSOMES: NOVEL DRUG DELIVERY SYSTEMS" BY G. A. R. ANSELL

**MODULE 3: FORMULATION TECHNIQUES OF NIOSOMES (6 HOURS)**

- METHODS OF PREPARATION: THIN-FILM HYDRATION, REVERSE-PHASE EVAPORATION, SOLVENT INJECTION
- FACTORS INFLUENCING THE FORMATION AND STABILITY OF NIOSOMES
- OPTIMIZATION OF FORMULATION PARAMETERS: SURFACTANT SELECTION, CHOLESTEROL RATIO, METHOD OF PREPARATION

**MODULE 4: CHARACTERIZATION OF NIOSOMES (6 HOURS)**

- PHYSICOCHEMICAL PROPERTIES: SIZE, ZETA POTENTIAL, ENCAPSULATION EFFICIENCY
- MORPHOLOGICAL TECHNIQUES: ELECTRON MICROSCOPY, DYNAMIC LIGHT SCATTERING
- STABILITY STUDIES: PHYSICAL, CHEMICAL, AND IN VITRO RELEASE STUDIES
- TECHNIQUES FOR EVALUATING DRUG RELEASE KINETICS FROM NIOSOMAL FORMULATIONS

**MODULE 5: APPLICATIONS OF NIOSOMES IN DRUG DELIVERY (6 HOURS)**

- TARGETED DRUG DELIVERY AND CONTROLLED RELEASE SYSTEMS
- NIOSOMES IN ANTICANCER THERAPY, VACCINE DELIVERY, AND GENE DELIVERY
- NIOSOMAL FORMULATIONS FOR THE DELIVERY OF POORLY WATER-SOLUBLE DRUGS
- COMMERCIAL APPLICATIONS AND MARKET TRENDS IN NIOSOME-BASED PRODUCTS

**REFERENCES:**

1. "NANOMEDICINE AND DRUG DELIVERY" BY D. K. KUMAR
2. "NIOSOMES IN PHARMACEUTICAL SCIENCES" (JOURNAL ARTICLES)
3. "NANOMEDICINE: PRINCIPLES AND APPLICATIONS" BY R. P. K. C. GUPTA
4. "NANOTECHNOLOGY AND DRUG DELIVERY" BY R. V. R. R. K. SRINIVAS
5. "PHARMACEUTICAL APPLICATIONS OF NANOMATERIALS" BY S. K. YADAV



*Principal*  
**Vaagdevi College of Pharmacy**  
Warangal-506 001



# VAAGDEVI

## COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.



*Principal*  
**Vaagdevi College of Pharmacy**  
Hanamkonda, Warangal-506 001



VISWAMBHARA EDUCATIONAL SOCIETY  
**VAAGDEVI COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date: 06.01.2024

**CIRCULAR**

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PRINCIPAL

Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001



Principal  
Vaagdevi College of Pharmacy  
Hanamakonda, Warangal-506 001





VISWAMBHARA EDUCATIONAL SOCIETY

# VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)  
Ramnagar Dist. Hanamakonda- 506001. (T.S)

Date : 27-02-2024

## REPORT

Name of the program: **NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS  
IN DRUG DELIVERY SYSTEMS**

Duration: 22-01-2024 to 27-02-2024

Academic year: 2023-2024

Resource person details:

**Mr. T. Ashwin kumar,**

**Associate Professor,**

**Dept. of Pharmaceutics,**

**Jayamukhi College of Pharmacy**

**Dr. S. Pavani,**

**Professor,**

**Department of Pharmaceutics,**

**Vaagdevi College of Pharmacy**

Vaagdevi College of Pharmacy, Ramnagar, Hanamakonda organized a value added program on **NIOSOMES: REVOLUTIONARY NANO-FORMULATIONS IN DRUG DELIVERY SYSTEMS** for B.Pharmacy, Pharm.D., and M.Pharmacy students by Mr. T. Ashwin kumar, Associate Professor, Dept. of Pharmaceutics, Jayamukhi College of Pharmacy and Dr. S. Pavani, Professor, Department of Pharmaceutics, Vaagdevi College of Pharmacy from 22-01-2024 to 27-02-2024. This program was designed to educate the students about Understand the concept of niosomes and their role in drug delivery systems. Totally 46 students participated in this program. Upon completion of the course issued the certificates to the students.

**Coordinator**

**Dr. Y. Shravan Kumar,**

**Professor,**

**HoD, Department of Pharmaceutics**



**Principal**

**Principal**

**Vaagdevi College of Pharmacy**

**Hanamakonda, Warangal-506001**

**Principal**

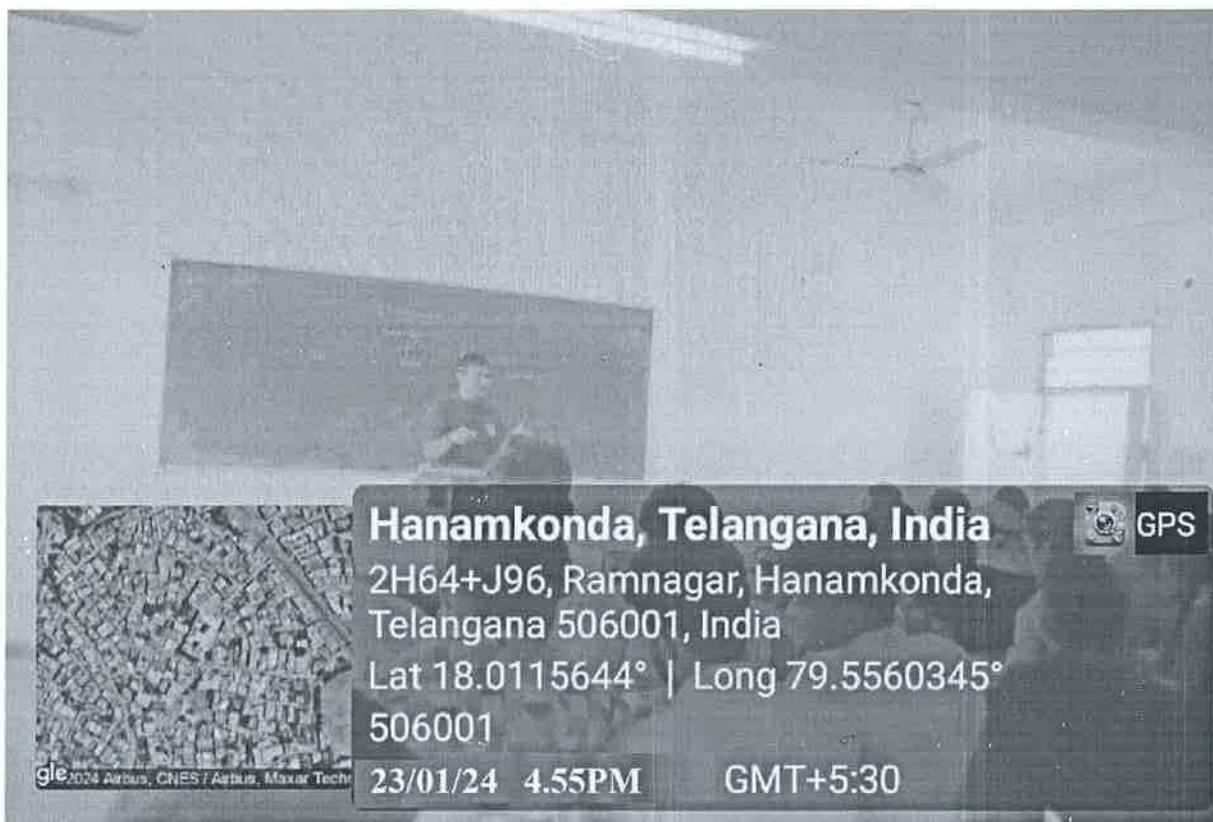
**Vaagdevi College of Pharmacy**  
**Hanamakonda, Warangal-506 001**



VISWAMBHARA EDUCATIONAL SOCIETY

# VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S)  
Ramnagar Dist. Hanamakonda- 506001, (T.S)



Class on Niosomes: Revolutionary Nano-formulations in Drug Delivery Systems by  
Mr. T. Ashwin Kumar



Principal  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



# JAYAMUKHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University, Warangal, T.S.)

NARSAMPET, Dist. Warangal - 506 332, (T.S.) ☎ : 08718 - 222503, 222568

## MEMORANDUM OF UNDERSTANDING (MOU)

Between

**VAAGDEVI COLLEGE OF PHARMACY,**

**RAMNAGAR, HANAMKONDA**

And

**JAYAMUKHI COLLEGE OF PHARMACY,**

**NARSAMPET**

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No amendment, consent, or waiver of terms of this Letter of Collaboration shall bind either party unless in writing and signed by all parties. Any such amendment, consent, or waiver shall be effective only in the specific instance and for the specified purpose given.

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For VAAGDEVI COLLEGE OF PHARMACY,

RAMNAGAR, HANAMKONDA

**Dr. Ch. Srinivas Reddy**

**Principal**

**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001



For JAYAMUKHI COLLEGE OF PHARMACY,

LAKNEPALLY, NARSAMPET

**Dr. S.Vasudeva Murthy**

**Principal**

**Date:**



**Principal**  
Vaagdevi College of Pharmacy  
Hanamkonda, Warangal-506 001