

1.2.1 Institutional Programme brochure/ notice for Value added Programs with course modules and outcomes





1.2.1 NUMBER OF VALUE ADDED PROGRAMS OFFERED DURING 2021-2022

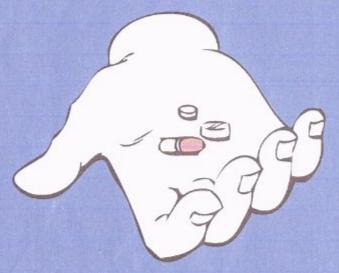
S.No.	Name of the Value added Program	Duration of the Program	Number of hours
1.	DRUG REGULATORY AFFAIRS	02-03-2022 to 11- 04-2022.	30 hours
2	GRAPH PAD PRISM	02-03-2022 to 11- 04-2022.	30 hours
3.	NANOMEDICINE AND NANOTECHNOLOGY	02-03-2022 to 11- 04-2022.	30 hours
4	UNDERSTAND THE POWER OF SELF	25-10-2021 to 30- 11-2021	30 hours
5.	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION	25-10-2021 to 30- 11-2021	30 hours
6.	PERSONALITY DEVELOPMENT	25-10-2021 to 30- 11-2021	30 hours



VALUE ADDED COURSE ON

DRUG REGULATORY AFFAIRS

From 02-03-2022 to 11-04-2022.





HANAMKONDA, WARANGAL, TELANGANA, INDIA- 506001





Name of the Programme: VALUE ADDED COURSE ON DRUG

REGULATORY AFFAIRS

Schedule: From 02-03-2022 to 11-04-2022.

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

Academic Year: 2021-2022

COURSE CODE: VCOP/VF6

TIMINGS: 4.30-5.30PM AT CLASS 02

RESOURCE PERSONS Mrs. M. MADHAVI

M. Pharm.

Department of Pharmacology
Vaaadevi College of Pharmacy



COORDINATORS Dr. D. ADUKONDALU

M. Pharm. Ph. D

Department of Pharmaceutics Vaagdevi College of Pharmaceutics

Mr. E. RAJEEV REDDY

M. Pharm

Department of Pharmacology Vaagdevi Callege of Pharmac



COURSE OBJECTIVES

Upon completion of the subject student shall be able to;

- 1. Know about the process of drug discovery and development
- 2.Know the regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals
- 3. Know the regulatory approval process and their registration in Indian and international markets

COURSE OUTCOMES:

Get knowledge about approvals in drug marketing

Get knowledge about approvals inclinical trials, regetration of drugs









30 hr

Module I

New Drug Discovery and development

6hr

Stages of drug discovery, Drug development process, pre-clinical studies, non-clinical activities, clinical studies, Innovator and generics, Concept of generics, Generic drug product development.

Module II 6hr

Regulatory Approval Process

Approval processes and timelines involved in Investigational New Drug (IND), New Drug Application (NDA), Abbreviated New Drug Application (ANDA) in US. Changes to an approved NDA / ANDA. Regulatory authorities and agencies. Overview of regulatory authorities of United States, European Union, Australia, Japan, Canada (Organization structure and types of applications)

Module III 6hr

Registration of Indian drug product in overseas market

Procedure for export of pharmaceutical products, Technical documentation, Drug Master Files (DMF), Common Technical Document (CTD), electronic Common Technical Document (eCTD), ASEAN Common Technical Document (ACTD) research.

Module IV 6hr

Clinical trials

Developing clinical trial protocols, Institutional Review Board / Independent Ethics committee – formation and working procedures, Informed consent process and procedures, GCP obligations of Investigators, sponsors & Monitors, Managing and Monitoring clinical trials, Pharmacoviailance – safety monitoring in clinical trials

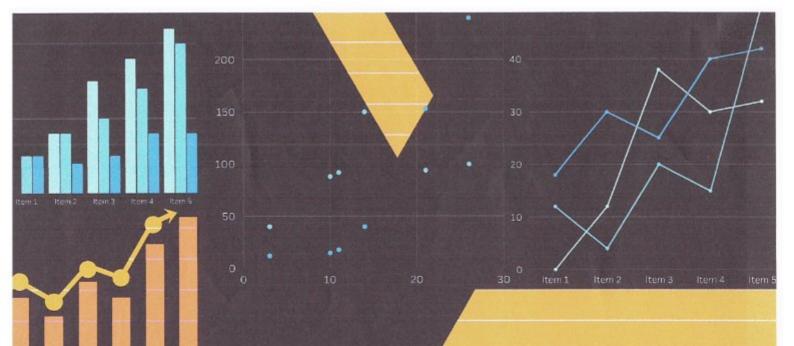
Module V 6hr

Regulatory Concepts

Basic terminologies, guidance, guidelines, regulations, laws and acts, Orange book, Federal Register, Code of Federal Regulatory, Purple book

REFERENCES

- Drug Regulatory Affairs by Sachin Itkar, Dr. N.S. Vyawahare, Nirali Prakashan
- 2. The Pharmaceutical Regulatory Process, Second Edition Edited by Ira R. Berry and Robert P. Martin, Drugs and the Pharmaceutical Sciences, Vol.185. Informa Health care Publishers.
- 3. New Drug Approval Process: Accelerating Global Registrations By Richard A Guarino, MD, 5th edition, Drugs and the Pharmaceutical Sciences. Vol. 190.
- 4. Guidebook for drug regulatory submissions / Sandy Weinberg, By John Wiley & Sans, Inc.
- 5. FDA Regulatory Affairs: a guide for prescription drugs medical devices, and biologics /edited by Douglas J. Pisano, David Mantus.



VALUE ADDED COURSE ON

GRAPH PAD PRISM

From 02-03-2022 to 11-04-2022



VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA



Name of the Programme: VALUE ADDED COURSE ON GRAPH PAD

PRISM

Schedule: From 02-03-2022 to 11-04-2022 Students: B.Pharm, M. Pharm, Pharm D

Academic Year: 2021-2022 COURSE CODE: VCOP/VF5

TIMINGS: 4.30-5.30PM AT SEMINAR HALL 2

RESOURCE PERSONS

Dr. A. MAKARANDH

PHARM D

Department of Pharm D Vaagdevi College of Pharmacy Dr. P. GIRIJA

M. Pharm,Ph. D Department of Pharmacology Vaagdevi College of Pharmacy

COORDINATOR

Dr. E.VENKATESHWARLU

M. Pharm ,Ph. D Department of Pharmacology Vaagdevi College of Pharmacy

COURSE OBJECTIVES

- Organize your data effectively
- Perform the right analysis
- Reduce the complexity of statistics.
- Focus on your research
- · Automate your work without programming
- · Prism makes it easy to create the graphs you want
- Reduce time to publish. Prism allows you to customize your exports (file type, resolution, transparency, dimensions, color space RGB/CMYK) to meet the requirements of journals.
- Prism's comprehensive record of your data enables effective collaboration with other scientists

Veagdevi College of Pharmacy Hanual Maragal 508 001



COURSE OUTCOME

Graphpad Prism is used by scientists from students to Nobel Prize winners across a broad range of industries, including life sciences, biotechnology, health care and pharmaceuticals, food and agriculture, personal care and cosmetics, consumer products, automotive, technology, aerospace, defense and telecommunications. Regarding- performing the right analysis, helps you learn as you go, focus on research, publish with ease, enhance collaboration and educational resources and support

COURSE SYLLABUS

30hr

6hr

Introduction

Bar Graphs with One Grouping Variable: Creating Column Bar Graphs
Displaying Column (Descriptive) Statistics, Formatting Column Bar Graphs...

Re organizing Column Bar Graphs.

Bar Graphs with Two Grouping Variables: Creating Bar Graphs, Formatting Bar Graphs, Reorganizing Bar Graphs.

6hr

Histograms and Frequency Distributions: Histograms from Pre-Computed Frequency Data: Bar-Graph Histogram, XY-Graph Histogram, Adding an Ideal Gaussian Distribution Line Histograms from Raw Data, using Automatic Frequency Computation Combining a Bar Graph with a Line Graph

Creating an XY Graph with Fitted Curve, Adding a Second Y Axis, Changing Point Symbols to "Bars", Final Graph Formatting.

6hr

Performing a t Test: Entering and Graphing the Data, Performing the Analysis. Viewing and Understanding the Results. Reconfiguring the Analysis..



One-Way ANOVA and Nonparametric Analyses..

Entering and Graphing the Data, Performing the Analysis, Viewing and Understanding the Results, Reconfiguring the Analysis.

Two-Way ANOVA with Post Tests. Entering and Graphing the Data, Performing the Analysis, Viewing and Understanding the Results, Reconfiguring the Analysis.

6hr

Analyzing Dose-Response Data and Linear Standard Curves

REFERENCES

1. H. J. Motulsky, GraphPad Statistics Guide. Accessed 5 March 2016.



Principal
Vaadovi College of Pharmacy
Vaadovi College of Pharmacy



VALUE ADDED COURSE ON

NANOMEDICINE AND NANOTECHNOLOGY

FROM 02-03-2022 to 11-04-2022





VAAGDEVI COLLEGE OF PHARMACY

HANAMKONDA, WARANGAL, TELANGANA, INDIA-506001







Name of the Programme: VALUE ADDED COURSE ON NANOMEDICINE

AND NANO TECHNOLOGY

Schedule: From 02-03-2022 to 11-04-2022.

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

Academic Year: 2021—2022

COURSE CODE: VCOP/VF4

TIMINGS: 4.30-5.30PM AT SEMIAR HALL OF

RESOURCE PERSONS

Dr. Y. Sravon kumor

M. Pharm. Ph. C

Department of Pharmaceutics

Vaaadevi College of Pharmacy



COORDINATOR

Dr. S. PAVAN

M. Pharm. Ph. D

Department of Pharmaceutics

Vaagdevi College of Pharmacy

Mrs. T. RAHNI

M. Phorn

Department of Pharmaceutics

Vaugdevi College of Pharmocy





COURSE OBJECTIVES:

STUDENTS WILL GET EXPOSURE ON PROPERTIES OF NANOPARTICLES, TYPES AND

PREPARATIONS

COURSE OUT COME

STUDENTS ABLE GET KNOWLEDGE ON NANO PARTICLE MECHANISMIN THE BODY











COURSE SYLLABUS

30HR

MODULE1 6HR

Back ground to Nanoscience

Introduction to Nano-science and Nano-technology, Nano-scale material, implications for Physics, Chemistry, Engineering & Biology, and Motivation for Nanotechnology study. History & development of Nano-science and Nano-technology with the emphasis on history of Nano-metals, Chalcogenides & Boron Nitrite and Carbon Nanomaterials

MODULE II 6HI

Types of nanostructure and properties of nanomaterials. One dimensional, Two dimensional and Three dimensional nanostructured materials, Quantum Dots shell structures, metal oxides, semiconductors, composites, mechanical-physical-chemical properties.

MODULE III 611

Classification of nanoparticles, layer nanoparticles (Clay), fibrillar nanoparticles (carbon nanotubes (CNTs) etc. and other nanoparticles, polymer clay nano-composites (PCNC). Polymer nano-composites: definitions, incorporation of nanomaterials in polymer matrix.

MODULE IV 6HR

Application of Nanomaterial

Ferroelectric materials, coating, molecular electronics and nanoelectronics, biological and environmental membrane based application, polymer based application.

REFERENCES

I. Rao, C. N. R., Müller, A., & Cheetham, A. K. Eds.). (2006). The chemistry of nanomaterials: synthesis properties and applications. John Wiley & Sons.

- 2. Nanoparticles: From theory to applications-G. Schmidt. Wiley Weinheim 2004
- Instrument EL Principe, P Gnauck and P Hoffrogge. Microscopy and Microanalysis (2005), II: 830-83
 Cambridge University Press.





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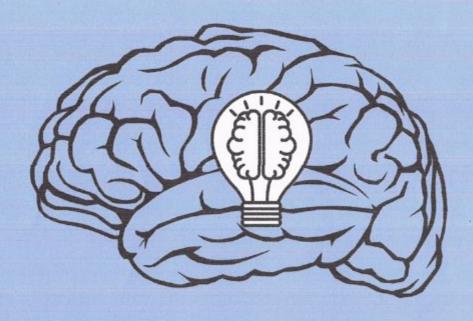
RAMNAGAR, HANAMKONDA.



VALUE ADDED COURSE ON

UNDERSTAND THE POWER OF SELF

FROM 25-10-2021 to 30-11-2021



VAAGDEVI COLLEGE OF PHARMACY

RAMNAGAR, HANUMAKONDA





RESOURCE PERSONS

Mrs.D.MADHURI

M PHARM.
DEPATMENT OF PHARAMCEUTICS
VAAGDEVI COLLEGE OF PHARMACY

Mrs. D. SUSHMA

M PHARM.
DEPATMENT OF PHARAMCEUTICS
VAAGDEVI COLLEGE OF PHARMACY



COORDINATOR

D R. L. VENKATESH

PHARM D
DEPARTMENT OF PHARM D
VAAGDEVI COLLEGE OF PHARMACY

Name of the Programme: VALUE ADDED COURSE ON UNDERSTAND THE POWER OF SELF

Schedule: From 25-10-2021 to 30-11-2021 Students: B.Pharm, M. Pharm, Pharm D

Academic Year: 2021-2022 COURSE CODE: VCOP/VF3

TIMINGS: 4.30-5.30 PM at class-02



COURSE OBJECTIVES

THIS COURSE GIVES STUDENTS AN UNDERSTANDING OF THE CONCEPTS AND TOOLS NEEDED FOR UNDERSTANDING AND WORKING ON THE "SELF".

IT IS USEFUL FOR HARNESSING THE IMMENSE POWERS HIDDEN "WITH IN" THE SELF AND THESE ARE THE SECRET TOOLS FOR SELF- CHANGE. THE POWERS AGAIN EMERGE IN THE SELF AS IT WITHDRAWS FROM BODY CONSCIOUSNESS ACTIVITY AND ATTITUDES

COURSE OUTCOMES

INDIVIDUAL THINKING AND PLANNING IN THE CARRIER LIFE AND PERSONAL LIFE





COURSE SYLLABUS

30HR

MODULE -I

6HR

UNDERSTANDING THE SELF

- M.I.S ANATOMY OF THE SELF-THE MIND-THE INTELLECT
- THE SUB-CONSCIOUS MIND-CONSCIOUSNESS- THE CYCLIC PROCESS WITH IN THE SELF
- STATES OF AWARENESS-INNATE
- ACQUIRED QUALITIES OF THE SELF- POWERS TO ACT.

MODULE II:

6HR

PROCESS OF THINKING

- THINKING PROCESS-DEVELOPING THOUGHT PATTERN
- TRANSFORMING THOUGHT PATTERN-EXTERNAL INFLUENCES ON THOUGHTS
- THE POWER AND EFFECTS OF THOUGHTS
- PRINCIPLES OF POSITIVE THINKING-BENEFITS OF POSITIVE THINKING
- METHODS TO CHANGE THINKING-STEPS TO CHANGE CYCLE OF THINKING.

MODULE III:

6HR

6HR

POWERS OF THE SELF, POWER TO WITHDRAW

- POWER TO PACK UP AND LET GO- POWER TO LOVE OR TOLERATE
- POWER TO ACCOMMODATE- POWER TO DISCRIMINATE
- POWER TO DECIDE-POWER TO FACE-POWER TO CO-OPERATE
- PRO ACTIVITIES OF POWERS-INTERACTIVITIES OF POWERS.

MODULE IV: 6HR

MANAGING INTERFERENCES

- PERCEPTIONAL CHALLENGES-ATTITUDINAL CHALLENGES
- EXPERIENCE CHALLENGES-HABITUATION CHALLENGES
- MENTAL POSITIONING-MENTAL LIMITS-MENTAL ASSUMPTIONS
- ASSOCIATED MEMORIES.

MODULE V:

DEVELOPMENT OF LIFE SKILLS & RELATIONSHIP MANAGEMENT

- COMMUNICATION SKILLS-BODY LANGUAGE-VERBAL AND NON-VERBAL
- TEAM BUILDING -PURPOSE OF LIVING-TIME MANAGING SKILLS-TIME WASTERS AND TIME KILLERS
- 3QS-CONFLICT MANAGEMENT. RELATIONSHIP MANAGEMENT SIGNIFICANCE
- ROLE OF SELF ESTEEM-FACTORS AFFECTING RELATIONSHIPS
- RELATIONSHIPS WITH FAMILY, FRIENDS AND COLLEAGUES
- RELATIONSHIP WITH NATURE AND ENVIRONMENT-RELATIONSHIP WITH THE SUPREME

TEXT BOOK:

BRAHMA KUMARIS, THE SPIRITUAL POWERS OF THE SOUL, LITERATURE DEPARTMENT, 1998 B.K.Chandra Shekhar, "Science of Mind Simplified", Diamond Pocket Books(p) Ltd, New Delhi 110 020, 2010





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COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.







VALUE ADDED COURSE ON

ANALYTICAL METHOD DEVELOPMENT AND VALIDATION



From 25-10-2021 to 30-11-2021

VAAGDEVICOLLEGE OF PHARMACY

HANAMKONDA, WARANGAL, TELANGANA, INDIA- 506001









College of Pharmacy

Hanamkonda, Warangal-506 001

Name of the Programme: VALUE ADDED COURSE ON ANALYTICAL

METHOD DEVELOPMENT AND VALIDATION

Schedule: From 25-10-2021 to 30-11-2021

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

Academic Year: 2021–2022 COURSE CODE: VCOP/VF2

TIMINGS: 4.30-5.30PM AT SEMIAR HALL 02

RESOURCE PERSONS

Mrs. M. SRILEKHA

M Pharm

Department of Pharamceutics Vaagdevi College of Pharmacy

Mr. P. GOUTHAM

M. Pharm

Department of Pharmaceutics Vaagdevi College of Pharmacy

COORDINATORS

Dr.Y. SRAVAN KUMAR

M Pharm. Ph.D Department of Pharmaceutics Vaagdevi College of Pharmacy



COURSE OBJECTIVES

This course introduces the schematics of Methods Development and Validation with grass roots, conceptual standpoint, based on scientific rationale and a method by design approach

- 1.To get knowledge about the development and optimization of chromatographic methods.
- 2.Study the importance of system suitability parameters in chromatographic methods.
- 3. To get up to date with the ICH and USFDA guidelines for the analytical method validation parameters.

COURSE OUTCOMES

Develops the knowledge on troubleshooting of HPLC and other instruments

Develops the knowledge on impurity profile





COURSE SYLLABUS

30 hr

Module I

6hr

ICH Guidelines: Overview of ICH Guidelines, Stability Guidelines, GMP Guidelines for Pharmaceuticals, Nitrosamine impurities Guidelines

System suitability parameters for HPLC Method, System suitability test,

Resolution, Retention Time, Pressure, Column Efficiency, Repeatability, Plate Number, Tailing

Module II 6hr

Analytical Method Validation Parameters: ICH Q2B Validation Guidelines
The Validation Characteristics: Specificity, Linearity, Quantitation Limit
Detection Limit, Range, Accuracy, Precision, Repeatability, Robustness, System suitability
Testina

Troubleshooting of HPLC : Peak Shape, Retention Variation

Ghost Peaks, Column Back Pressure, Column Center

Impurity Profiling: Introduction, Classification of Impurities in API,Impurities present in the formulation, Identification of Impurities

Module III 6hr

Stability Indicating Methods: Introduction, Role of QA in SIM, General Principle, Photostability testing of new drug substances, Photostability studies, Force Degradation studies

Module IV 6hr

Bioanalytical Method Development and Validation: Sample Preparation
Extraction Techniques, Analytical Method Procedures, Validation
Cleaning and Process validation: Introduction, Back Ground
General Requirements, Evaluation of cleaning validation, Establishment of limits



Module V 6hr

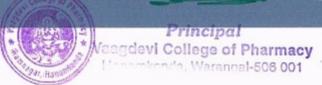
Assay Testing of Pharmaceutical substances: Introduction Guidelines of specifications, General concepts

Stability testing of residual solvents: Introduction, Types of solvents, Testing of solvents

REFERENCES

1.Skoog, D.A., Holler, F.J. and Crouch, S.R. (2017) Principal of Instrumental Analysis. 7th Edition, Sunder College Publisher







VAAGDEVI

COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.





PERSONALITY DEVELOPMENT

From 25-10-2021 to 30-11-2021



VAAGDEVI COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA







Name of the Programme: VALUE ADDED COURSE ON PERSONALITY DEVELOPMENT

Schedule: From 25-10-2021 to 30-11-2021 Students: B.Pharm, M. Pharm, Pharm D

Academic Year: 2021—2022 COURSE CODE: VCOP/VF1

TIMINGS: 4.30-5.30PM AT SEMINAR HALL -1



RESOURCE PERSONS

Dr. K. SRINIVAS REDDY

M. Pharm, Ph.D Associate Professor Department of Pharmacognosy Vaagdevi College of Pharmacy

Dr. B. S. SHARVANA BHAVA

M. Pharm. Ph. D Department of Pharm D Vaagdevi College of Pharmacy



Mrs. T.RAJINI

M. Pham Department of Pharmaceutics Vaagdevi College of Pharmacy

CO ORDINATOR

Course Objectives

The objective of the programme is to build self-confidence, enhance self-esteem and improve overall personality of the participants. The programme aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances.

Course Outcome

- Capable of performing better in their roles as leaders based on the situation.
- Create awareness in the participants with regard to the different aspects of interpersonal relations
- Improve participants to be better communicators by providing them with relevant inputs and also sharpening their skills





VALUE ADDED COURSE ON PERSONALITY DEVELOPMENT

Course syllabus

30hr

MODULE 1

6hr

Attitude & Motivation Attitude - Concept - Significance - Factors affecting attitudes - Positive attitude - Advantages - Negative attitude - Disadvantages - Ways to develop positive attitude - Differences between personalities having positive and negative attitude. Concept of motivation - Significance - Internal and external motives - Importance of self- motivation- Factors leading to de-motivation Leadership: Introduction to Leadership, Leadership Power, Leadership Styles, Leadership in Administration, Interpersonal Relations: Introduction to Interpersonal Relations, Analysis Relations of different ego states, Analysis of Transactions, Analysis of Strokes, Analysis of Life position.

MODULE 2

6hr

Communication: Introduction to Communication, Flow of Communication, Listening, Barriers of Communication, How to overcome barriers of communication, Stress: Introduction to Stress, Causes of Stress, Impact Management Stress, Managing Stress.

MODULE 3

6hr

Group Dynamics: Importance of groups in organization, and Team Interactions in group, Group Building Decision Taking. Team Building, Interaction with the Team, How to build a good team Conflict: Introduction to Conflict, Causes of Conflict, Management Managing Conflict.

MODULE 4

6hr

Performance: Introduction to Performance Appraisal, Appraisal Vertical Appraisal, Horizontal Appraisal, 360° Performance Appraisal, Methods of improving Techniques of Performance Appraisal Time as a Resource, Identify Important Time Management Wasters, Individual Time Management Styles, Techniques for better Time Management

MODULE 5

6hr

Motivation: Introduction to Motivation, Relevance and types of Motivation, Motivating the subordinates, Analysis of Motivation.

REFERENCE

- 1. "Personality Development and Soft Skills" by Barun Mitra
- 2. "Personality Development" by Swami Vivekananda
- "The Power of your Subconscious Mind" by Joseph Murphy
 Hurlock, E.B (2006). Personality Development, 28th Reprint. New Delhi: Tata McGraw Hill.
- 5. Stephen P. Robbins and Timothy A. Judge(2014), Organizational Behavior 16th Edition: Prentice Hall.
- Andrews, Sudhir. How to Succeed at interviews. 21st (rep.) New Delhi.Tata McGraw-Hill 1988.
 Heller, Robert.Effective leadership. Essential Manager series. Dk Publishing, 2002 8. Hindle, Tim. Reducing Stress. Essential Manager series. Dk Publishing, 2003
- Lucas, Stephen. Art of Public Speaking. New Delhi. Tata Mc-Graw Hill. 2001





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COLLEGE OF PHARMACY

RAMNAGAR, HANAMKONDA.

