

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

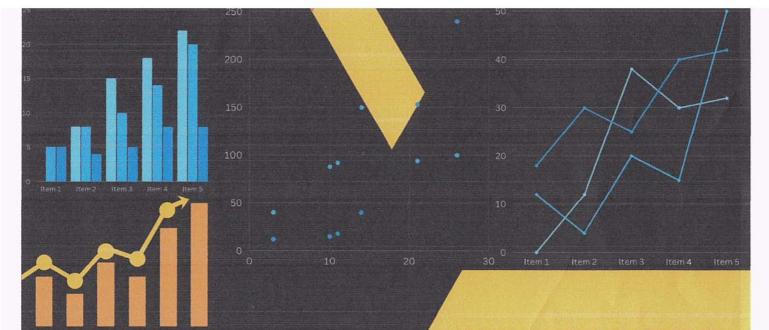




1.2.1 NUMBER OF VALUE ADDED PROGRAMS OFFERED DURING 2017-2018

S.No.	Name of the Value added Program	Duration of the Program	Number of hours
1.	GRAPH PAD PRISM	03-03-2018 to 07-04-2018	30 hours
2	HERBAL TECHNOLOGY	03-03-2018 to 07-04-2018	30 hours
3.	HAZARDS AND SAFETY MANAGEMENT	03-03-2018 to 07-04-2018	30 hours
4	PROFESSIONAL ETHICS	25-10-2017 to 04-12-2017	30 hours
5.	CLINICAL REASERCH AND PHARMACOVIGILENCE	25-10-2017 to 04-12-2017	30 hours
6.	PERSONALITY DEVELOPMENT	25-10-2017 to 04-12-2017	30 hours





VALUE ADDED COURSE ON

GRAPH PAD PRISM

From 03-03-2018 to 07-04-2018



VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA





Name of the Programme: VALUE ADDED COURSE ON GRAPH PAD

PRISM

Schedule: From 03-03-2018 to 07-04-2018 Students: B.Pharm, M. Pharm, Pharm D

Academic Year: 2017-2018

TIMINGS: 4.30- 5.30 PM at class no. 02

COURSE CODE: VCOP/VB6

RESOURCE PERSONS

Dr. E.VENKATESHWARLU

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

Mrs. D. MOUNIKA

M.Pharm Department of Pharmacology Vaagdevi College of Pharmacy

COORDINATOR

Mr. B. S. SHARVANA BHAVA

M.Pharm Department of Pharm D 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



Hanamkonda, Warangal-506 001

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

MODULE 1

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.

MODULE 2

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.

MODULE 3

6hr

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



MODULE 5

6hr

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.

MODULE 6

6hr

Analyzing Dose-Response Data and Linear Standard Curves

REFERENCES

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



JALUE ADDED COURSE ON

HERBAL TECHNOLOGY

FROM 03-03-2018 TO 07-04-2018





VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA





Name of the Programme: VALUE ADDED COURSE ON HERBAL TECHNOLOGY

Schedule: From 03-03-2018 to 07-04-2018 Students: B. Pharm, M. Pharm, Pharm D

Academic Year: 2017—2018 COURSE CODE: VCOP/VB5

TIMINGS: 4.30 - 5.30PM at seminar Hall-02

RESOURCE PERSONS

Mr. D. Kumara swamy

M.Pharm

Assistant Professor Department of Pharmaceutical Analysis Vaagdevi College of Pharmacy



Mr. E. Rajeev Reddy M.Pharm

Assistant Professor Department of Pharmacology Vaagdevi College of Pharmacy

COORDINATOR

Dr. D. ADUKONDALU

M.Pharm ,Ph. D

Associate Professor Department of Pharmaceutics Vaagdevi College of Pharmacy



COURSE OBJECTIVES

- To enable to students to know about the various technologies used in herbal preparations.
- · To teach the fundamental of various systems of herbal medicines, screening and its standardization.

COURSE OUTCOMES

The student will be able to

- · Understand the various Indian systems of medicine
- Understand the screening and characterization of herbal products.







VALUE ADDED COURSE ON CLINICAL RESEARCH AND PHARMACOVIGILANCE COURSE SYLLABUS 30hr MODULES

1 INDIAN SYSTEMS OF MEDICINE (6hr)

2 IN-VITRO CULTURE OF MEDICINAL PLANTS (6hr)

Ayurveda – Unani – Homeopathy – Siddha – Yoga and naturopathy – Classification of herbs – Taxonomy – Harvesting – Post harvesting – Conditions of storage.

Theory on basic laboratory procedure –
Processing of plant tissue culture – Growth
profile – Growth measurement – Plant tissue
culture methods – Callus culture – Types of
tissue culture – Tissue culture of medicinal plants
– Applications of plant tissue culture

3 PHYTO PHARMACEUTICALS (6hr)

SCREENING METHODS FOR HERBAL

DRUGS (6hr)

Infusion – Decoction – Digestion –
Maceration – Percolation – Successive
solvent extraction – Super critical fluid
extraction – Steam distillation – Head
space techniques – Sepbox – Selection of
a suitable extraction process –
Carbohydrates – Proteins – Alkaloids –
Glycosides.

Screening methods for anti-fertility agents – Antidiabetic drugs – Anti anginal drugs – Cardiac glycosides – Analgesic activity – Antipyretic activity – Anti cancer activity – Evaluation of hepatoprotective agents – Anti ulcer drugs.

5 STANDARDIZATION AND CONSERVATION OF HERBAL DRUGS (6hr)

Importance of standardization – Problems involved in the standardization of herbs – Standardization of single drugs and compound formulations – WHO guidelines for quality standardized herbal formulations – Estimation of parameter limits used for standardization – Conversation strategies of medicinal plants – Conservation types – Government policies for protecting the traditional knowledge.

REFERENCES

- 1. Agarwal, S.S. and Paridhavi, M., "Herbal Drug Technology" Universities Press (India) Private Limited, 2007.
- 2. Wallis, T.E., "Textbook of Pharmacognosy" 5th Edition, CBS Publishers and Distributors, 1985.
- 3. Evans, W.C., "Trease and Evans Pharmacognosy" 15th Edition, Elsevier Health Sciences, 2001.
- 4. Lanza, R.P. and Atala, A., "Methods of Tissue Engineering" Elsevier Publications, 2006.





VALUE ADDED COURSE ON HAZARDS AND SAFETY MANAGEMENT

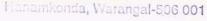
FROM 03-03-2018 TO 07-04-2018



VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA



Vangdevi College of Pharmacy



Name of the Programme: VALUE ADDED COURSE ON HAZARDS AND SAFETY MANAGEMENT

Schedule: From 03-03-2018 to 07-04-2018 Students: B. Pharm, M. Pharm, Pharm D

Academic Year: 2017—2018 COURSE CODE: VCOP/VB4

TIMINGS: 4.30 - 5.30PM at seminar Hall-01

COORDINATOR

Dr. E. VENKATESHWARLU

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

RESOURCE PERSONS

Dr. Y. Sravan Kumar

M. Pharm, Ph.D Assistant Professor Department of Pharmaceutics Vaaqdevi College of Pharmacy Mrs. T. RAJINI
M. Pharm
Assistant Professor
Department of Pharmaceutics
Vaagdevi College of Pharmacy

COURSE OBJECTIVES

At completion of this course it is expected that students will be able to

Understand about environmental problems among learners.

Impart basic knowledge about the environment and its allied problems.

Develop an attitude of concern for the industry environment.

Teach the method of Hazard assessment, procedure, methodology for provide safe industrial atmosphere.

COURSE OUTCOME

Develops comprehensive knowledge on the safety management

Develops ideas to clear mechanism and management in different kinds of hazard

management system

Gains the knowledge safety standards in pharmaceutical industry



30HR

COURSE SYLLABUS MODULES

SHD

Multidisciplinary nature of environmental studies: Natural Resources, Renewable and non-renewable resources, Natural resources and associated problems, a) Forest resources: b) Water resources; c) Mineral resources; d) Energy resources; e) Land resources

Ecosystems: Concept of an ecosystem and Structure and function of an ecosystem. Environmental hazards: Hazards based on Air Water, Soil and Radioisotopes.

Air based hazards: Sources, Types of Hazards

area and non sterile area, Preliminary Hazard Analysis (PHA) Fire protection system: Fire prevention, types of fire extinguishers and

SHR

SHP

Chemical based hazards: Sources of chemical hazards, Hazards of Organic synthesis, sulphonating hazard, Organic solvent hazard, Control measures for chemical hazards. 12Hrs Management of combustible gases, Toxic gases and Oxygen displacing gases management,

Fire and Explosion Introduction, Industrial processes and hazards potential, mechanical electrical, thermal and proces hazards. Safety and hazards regulations. Fire protection system: Fire prevention, types of fire extinguishers and critical Hazard management system mechanical and chemic explosion, multiphase reactions, transport effects and global rates. Preventive and protective management from fires and explosionelectricity passivation, ventilation, and sprinkling.

6HR

Hazard and risk management: Self-protective measures against workplace hazards. Critical training for risk management, Process of hazard management, ICH guidelines on risk assessment and Risk management methods and Tools Factory act and rules, fundamentals of accident prevention, elements of safety programme and safety management, Physicochemical measurements of effluents, BOD, COD, Determination of some contaminants, Effluent treatment procedure, Role of emergency services.

REFERENCES

- 1 V.K. Sing, Environmental Science, New Age International Pvt. Publishers, Bangalors
- 2. "Quantitative Risk Assessment in Chemical Process Industries" American Institute of Chemical Industries, Centre for Chemical Process safety.
- Bharucha Erach, The Biodiversity of India, Mapin Pu blishing Pvt. Ltd., Ahmedabad 380 013, India.
- Hazardous Chemicals: Safety Management and Global Regulations, T.S.S. Dikshith, CRC press 130



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VAAGDEVI

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PROFESSIONAL ETHICS

From 25-10-2017 to 04-12-2017





VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA



i College of Pharmacy

Hanamkonda, Warangal-506 001

Name of the Programme: VALUE ADDED COURSE ON PROFESSIONAL ETHICS

Schedule: From 25-10-2017 to 04-12-2017 Students: B. Pharm, M. Pharm, Pharm D

Academic Year: 2017-2018

TIMINGS: 4.30-5.30 PM at CLASS NO. 02

COURSE CODE: VCOP/VB3

RESOURCE PERSONS

>>>>>

Mrs. Y. RAMYA SREE

M Pharm.

Department of Pharmaceutics Vaagdevi College of Pharmacy Mrs. M. MADHAVI

M.Pharm.

Department of Pharmacology Vaagdevi College of Pharmacy *****

COORDINATOR

Mrs. S. PAVANI

M.Pharm

Department of Pharmaceutics

Vaagdevi College of Pharmacy

COURSE OBJECTIVES

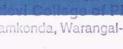
To make students aware about professional ethics, in the course students will be taught different professional ethics, laws and moral values.

- To inculcate Ethics and Human Values into the young minds.
- To develop moral responsibility and mould them as best professionals.
- To create ethical vision and achieve harmony in life.

COURSE OUTCOME

- By the end of the course student should be able to understand the importance of ethics and values in life and society.
- · After the completion of the course students will be able to work in a professional manner in the organization.







COURSE SYLLABUS



6HR

Ethics and Human Values: Ethics and Values, Ethical Vision, Nature of Ethics, Profession and Professionalism, Professional Ethics, Code of Ethics, Ethical Decisions, Human Values - Classification of Values, Universality of Values

MODULE 2:

6HR

CSR: Conceptual bases, Socially responsible leadership and CSR' role in corporate governance, Basic initiatives in the field of CSR and sustainable development. Corporate CSR reports, Globalization of CSR. Features of CSR of multinational corporations.

MODULE 3:

6HR

Professional ethics - Profession and its moral value in life ,Profession- skill needed , Profession and ethics- commitment, honesty, accountability, Professional integrity, transparency, confidentiality, objectivity, respect, obedience to the law and loyalty.

MODULE 4:

6HR

Safety Social Responsibility and Rights: Safety and Risk, moral responsibility of engineers for safety, case studies – Bhopal gas tragedy, Chernobyl disaster, Fukushima Nuclear disaster, Professional rights, Gender discrimination, Sexual harassment at work place.

MODULE 5:

6HR

Global Issues: Globalization and MNCs, Environmental Ethics, Computer Ethics, Cyber Crimes, Ethical living, concept of Harmony in life

Reference Books:

- 1. Chakraborty, S.K. Human Values for Managers
- 2. Badi, R.V. and Badi, N.V. Business Ethics, Vrinda Publications
- 3. Corporate Governance, 2 nd Edition, Mallin, OUP
- 4. Values and Ethics for Organizations, Chakraborty, OUP
- 5. Perspectives in Business Ethics, Hartman, Chatterjee







VAAGDEVI

COLLEGE OF PHARMACY

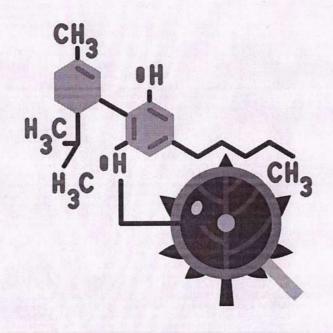
RAMNAGAR, HANAMKONDA.





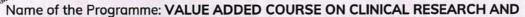
CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 25-10-2017 to 4-12-2017



VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA





PHARMACOVIGILANCE

Schedule: From 25-10-2017 to 4-12-2017 Students: B. Pharm, M. Pharm, Pharm D

Academic Year: 2017—2018 COURSE CODE: VCOP/ VB2

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



RESOURCE PERSONS

Mr. B.SHARAVANA BHAVA

M. Pharm

Assistant Professor Department of Pharm D Vaagdevi College of Pharmacy

Mrs.P. GIRIJA

M. Pharm

Assistant Professor Department of Pharmacology Vaagdevi College of Pharmacy



CO ORDINATOR

Mr.D. KUMARASWAMY

M. Pharm

Assistant Professor Department of Pharmaceutical Anlysis Vaagdevi College of Pharmacy

Course Objectives

- At completion of this course, the student shall be able to, know, why drug safety monitoring is importance.
- Explain the regulatory requirements for conducting clinical trial demonstrate the types of clinical trial
- · Explain the responsibilities of key players involved in clinical trials execute safety monitoring, reporting and close-out activities.
- · Explain the principles of Pharmacovigilance detect new adverse drug reactions and their assessment Perform the adverse drug reaction reporting systems and communication in Pharmacovigilance
- Writing case narratives of adverse events and their quality.

Course Outcome

- Get knowledge about adverse drug reaction, side effects,
- Get knowledge aboutclinical trials

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ALUE ADDED COURSE ON CLINICAL RESEARCH AND PHARMACOVIGILANCE **THEORY 30 Hrs** 6 Hrs

COURSE SYLLABUS

MODULE 1

Regulatory Perspectives of Clinical Trials: Conference Origin and Principles of International on Harmonization - Good Clinical Practice (ICH-GCP) guidelines Ethical Committee: Institutional Review Board, Ethical Guidelines for Biomedical Research and Human Participant Schedule Y, ICMR Informed Consent Process: Structure and content of an Informed Consent Process Ethical principles governing informed consent process.

MODULE 2

6 Hrs

Clinical Trials: Types and Design Experimental Study- RCT and Non RCT, Observation Study: Cohort, Case Control, Cross sectional Clinical Trial Study Team Roles and responsibilities of Clinical Trial Personnel: Investigator, Study Coordinator, Sponsor, Contract Research Organization and its management

MODULE 3

6 Hrs

Clinical Trial Documentation- Guidelines to the preparation of documents, Preparation of protocol, Investigator Brochure, Case Report Forms, Clinical Study Report Clinical Trial Monitoring Safety Monitoring in CT Adverse Drug Reactions: Definition and types. Detection and reporting methods. Severity and seriousness assessment. Predictability and preventability assessment, Management of adverse drug reactions; Terminologies of ADR.

MODULE 4

6 Hrs

Basic aspects, terminologies and establishment of pharmacovigilance. History and progress of pharmacovigilance, Significance of safety monitoring, Pharmacovigilance in India and international aspects, WHO international drug monitoring programme, WHO and Regulatory terminologies of ADR, evaluation of medication safety, Establishing pharmacovigilance centres in Hospitals, Industry and National programmes related to pharmacovigilance. Roles and responsibilities in Pharmacovigilance

MODULE 5

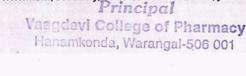
6 Hrs

Methods, ADR reporting and tools used in Pharmacovigilance International classification of diseases, International Nonproprietary names for drugs, Passive and Active surveillance, Comparative observational studies, Targeted clinical investigations and Vaccine safety surveillance. Spontaneous reporting system and Reporting to regulatory authorities, Guidelines for ADRs reporting. Argus, Aris G Pharmacovigilance, VigiFlow, Statistical methods for evaluating medication safety data.

REFERENCE

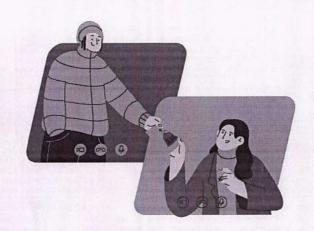
- 1. Central Drugs Standard Control Organization- Good Clinical Practices, Guidelines for Clinical Trials on Pharmaceutical Products in India. New Delhi: Ministry of Health: 2001.
- 2. International Conference on Harmonization of Technical requirements for registration of Pharmaceuticals for human use, ICH Harmonized Tripartite Guideline, Guideline for Good Clinical Practice.E6; May 1996. 229
- 3. Ethical Guidelines for Biomedical Research on Human Subjects 2000. Indian Council of Medical Research, New Delhi.
- 4. Textbook of Clinical Trials edited by David Machin, Simon Day and Sylvan Green, March 2005, John Wiley and Sons.

 5. Clinical Data Management edited by R K Rondels, S A Variey, C F Webbs, Second Edition, Jan 2000, Wiley Publications.





VALUE ADDED COURSE ON PERSONALITY DEVELOPMENT From 25-10-2017 to 4-12-2017



PERSONALITY DEVELOPMENT

VAAGDEVI COLLEGE OF PHARMACY RAMNAGAR, HANAMKONDA





Name of the Programme: VALUE ADDED COURSE ON PERSONALITY DEVELOPMENT

Schedule: From 25-10-2017 to 4-12-2017 Students: B. Pharm, M. Pharm, Pharm D

Academic Year: 2017—2018 COURSE CODE: VCOP/VB1

TIMEINGS: 4.30-5.30 PM at seminar hall -1



RESOURCE PERSONS

Dr. K. SRINIVAS REDDY

M.Pharm, Ph.D

Associate Professor Department of Pharmacognosy Vaagdevi College of Pharmacy

Mr. K.PRAVEEN KUMAR

M. Pharm.

Assistant Professor

Department of Pharmaceutical Chemistry

Vaagdevi College of Pharmacy



CO ORDINATOR

Dr. Y. SRAVAN KUMAR

M. Pharm, Ph.D

Associate Professor Department of Pharmaceutics Vaagdevi College of Pharmacy

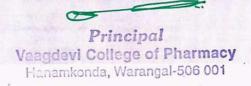
Course Objectives

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
- 3. "The Power of your Subconscious Mind" by Joseph Murphy
- 4. 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.
- 6. Andrews, Sudhir. How to Succeed at Interviews. 21st (rep.) New Delhi.Tata McGraw-Hill 1988.
- 7. Heller, Robert Effective leadership. Essential Manager series. Dk Publishing, 2002 8. Hindle, Tim. Reducing Stress. Essential Manager series. Dk Publishing, 2003 devi College of Pharmacy

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