

RBVRR WOMEN'S COLLEGE OF PHARMACY



3-4-343, Barkathpura, Hyderabad – 5000 027 (T.S), India

Office: +91 40-27563065, Mobile: +91 9848930555



(Approved by the AICTE, PCI & Affiliated to Osmania University)



Recognized under section 2(f) of the UGC Act 1956

EAMCET Code: RBVW | PGCET Code: RBW1



www.Rbvrrwcp.org | Email: rbvrrwcp@rediffmail.com & rbvrrwcp2006@gmail.com

Invites you to the
Certificate Course on

“PROFESSIONAL DEVELOPMENT”

DATE:

3rd Jul 2020

VENUE:

Seminar Hall

Convener: Prof. M. Sumakanth

Principal of RBVRR Women's College of Pharmacy

Guest of Honor: Prof. K. Muthyam Reddy

**Hon. Secretary & Correspondent of RBVRR Women's College
of Pharmacy**

Programme Schedule

DATE	SPEAKER
3rd – 4th Jul 2020	Ramakrishna Sistla Senior Scientist IICT
6th – 7th Jul 2020	Prof. V. Viswanathan Retd. Professor Osmania University
8th – 9th Jul 2020	Prof. Purushottam Reddy Retd. Professor Osmania University
10th Jul 2020	Prof. M. Sumakanth Principal RBVRR Women's College Of Pharmacy



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College Code: 1706

Value Added Course		
Course: PROFESSIONAL DEVELOPMENT		
Code: PDC003	Credits: 2	Total No. of Hours : 36

Introducing Professional development skills as a course to students helps them to succeed in their academic and personal lives, build up strong relationships, and improve their overall well-being. Professional development skills are not only for personal growth but also for professional success. These courses cover a wide range of topics, from leadership skills to technical skills. Below is an outline that covers the basic aspects of various types of Professional Development Skills.

Course Objectives:

The Professional development skills course objective is to create oneself aiming at advancing their career and enhancing their skills and talents in the workplace.

The specific course objectives provides, explores and familiarize the students with insights on Time Management, Advanced writing skills, Interview skills, Leadership skills and Research skills which are important for building up their career.

Professional development skills refer to the abilities and traits that help individuals grow and improve. Here are some reasons why professional development skills matter for individuals:

1. Improved Self-Awareness

Personal development skills help students become more self-aware. This means understanding their strengths, weaknesses, values, and goals. By developing self-awareness, students can make better decisions and find more fulfillment in their lives.

2. Goal Setting and Time Management

College students have a lot on their plates, from coursework to extracurricular activities. By developing goal-setting and time-management skills, students can prioritize their tasks and make the most of their time.

3. Better Communication

By developing communication skills, students can improve their relationships with peers, professors, and future employers.

4. Adaptability and Resilience

Life is unpredictable, and students will inevitably face challenges and setbacks. By developing adaptability and resilience, students can bounce back from setbacks and overcome obstacles.

By the end of the program, participants will be aware about all that are required for their career development i.e from leadership skills to technical skills.

SYLLABUS

Unit 1	Time Management	6 Hours
<p>Time Management: What Is Time Management, Why Time Management Is Important.</p> <p>Planning Tips and Tricks: Planning Tools Setting Priorities Prioritizing Your Tasks Your To-Do List Managing Interruptions and Distractions Tips for Controlling Disruptions</p> <p>Setting Goals: Goals and Targets, Setting SMART Goals, Your Own SMART Goals</p>		
Unit 2	Advanced Writing Skills	7 Hours
<p>The C's of Writing: Writing Clearly, Writing Concisely, Making Connections, Writing Correctly, Choosing Your Sources</p> <p>Dealing with Specific Requests: Types of Letters, Keeping it Real</p> <p>Writing Mechanics: Building Paragraphs, Proper Paragraphs, More on Paragraphs, Making Connections</p> <p>Preparing Business Documents: Requests for Proposals, The Proposals, The Differences When Writing Proposals, Ten Steps of Proposal Writing, Writing Reports, Documentation</p>		
Unit 3	Interview Skills	5 Hours
<p>Interview Skills: Purpose of an interview, Do's and Dont's of an interview, E-Mail etiquette</p> <p>Group Discussion: Introduction, Communication skills in group discussion, Do's and Dont's of group discussion</p> <p>Giving Presentations: Dealing with Fears, planning your Presentation, Structuring Your Presentation, Delivering Your Presentation, Techniques of Delivery</p>		
Unit 4	Leadership Skills	9 Hours
<p>Introduction to Leadership: Roles, functions and characteristics of a leader; evolution and growth of leadership; Leadership traits and ethics; Attitude, Behaviour, Personality traits and leadership; Types and Styles of leadership</p> <p>Theories of Leadership: Trait Theory, Behavioural theories, Contingency Theories, Transactional Theories and Transformational Leadership Theory</p> <p>Leadership and Management: Nature, Scope and Significance of Management; Levels of Management; Functions: Planning, Organizing, Staffing, Directing and Controlling; Skills: Conceptual, Human and Technical; Roles: Interpersonal, Informational and Decisional; difference between a leader and a manager</p> <p>Issues and Challenges for Leaders: Immerging trends in leadership; Servant leadership, Situational leadership; Gender and leadership; Effective Leadership Communication; Emotional intelligence and leadership</p>		
Unit 5	Research Skills	9 Hours
<p>Introduction to Research and Research Design Nature and scope of research, information based decision making and source of knowledge. The research process; basic approaches and terminologies used in research. Defining research question and framing of hypotheses, Preparing a research plan, qualitative and quantitative research designs, Experimentation, Observational studies, Exploring secondary data.</p>		

Measurement and Scaling, Data Source and Data Collection

Field research; primary data collection from observations, surveys and experimentation. Measurement and scaling; commonly used scales in reliability and validity of scales. Designing instrument for data collection; testing the instrument, data collection process, Sampling methods and procedures and sample size decisions.

Data Analysis

Editing and coding of data, tabulation, graphic presentation of data, cross tabulation, Testing of hypotheses; type I and II errors, one tailed and two tailed tests of significance, Parametric and nonparametric tests for Univariate and Bivariate data. Tests of association; simple linear regression and other nonparametric tests.

Professional Development Course Outcomes:

After the successful completion of this module the learners will be able to inspire individuals, manage talent, influence, lead teams, resolve conflict, build trust, increase cooperation and enhance productivity.

1. Demonstrate knowledge of and apply the basic principles of productivity to their own life.
2. Identify personal priorities and goals.
3. Identify how to maximize their time in order to accomplish their goals both personally and professionally
4. Students can effectively manage the team as a team player.

Develop interview skills and Leadership qualities which Helps to develop critical appreciation

RBYRR WOMEN'S COLLEGE OF PHARMACY

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CERTIFICATE COt ltSE CtN - l'ttOEtiSSIONAL 11LYP:1.t1P8IENT

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1. Name of the participant and institute: Sruvidya
2. Name of the institute: Rbvoo women's college of pharmacy
3. Email id of the participant: Sruvidya@gmail.com
4. How was the content delivered by the speaker? (P. Anuradha Reddy)
 - Very Good
 - Good
 - Average
5. How do you rate the session?
Excellent
 - Very Good
 - Good
 - Average
6. Smart goals are to provide better understand all very good
7. Goal setting include-
 - a) Process
 - b) Performance
 - c) OutcomeLAH of the above
8. Goal setting helps in
 - a) Setting a realistic timeline for the goal accomplishment
 - b) provide a better understanding of expectations
 - c) Give clarity to decision making
 - d) All of the above
9. Setting goals is important because it allows to be creative
10. Was the session helpful and would you like to attend more sessions like this?
 - No
 - Maybe

RBVRR WOMEN'S COLLEGE OF PHARMACY

(Approved by the Government of Andhra Pradesh, affiliated to Osmania University)

Barkatpura, Hyderabad- 500 027

CERTIFICATE COURSE ON – PROFESSIONAL DEVELOPMENT

Professional Development - 1, session I (2)

1. Name of the participant and institute: Sinduja Yadav
2. Name of the institute: RBVRR Women's College of Pharmacy
3. Email id of the participant: Sinduja.Yadav19@gmail.com
4. How was the content delivered by the speaker? (P. Anuradha Reddy)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Smart goals are to provide better understanding are very good.
7. Goal setting include-
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 - c) Outcome
 - All of the above
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 - b) Provide a better understanding of expectations
 - c) Give clarity to decision making
 - All of the above
9. Setting goals is important because it allows us to be greater
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

RBVRR WOMEN'S COLLEGE OF PHARMACY

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Barkatpura, Hyderabad- 500 027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

FEEDBACK FORM DAY - 3&4 (Session 1&2)

1. Name of the participant and institute : D Neha
2. Name of the institute: RBVRR women's college of pharmacy
3. Email id of the participant : nehadk@gmail.com
4. How was the content delivered by the speaker? (Prof. Sumita Roy)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Leadership is the ability of directing the group to achieve goals
7. What are the most important roles of a good leader?
 - a) Motivational Team Members
 - b) A Good Communicator
 - c) Unity
 - d) All of the above
8. What are the qualities of a good leader?
 - a) High level intelligence
 - b) Emotional Stability
 - c) Motivating others
 - d) All of the above
9. A leaders most important function is to achieve desired goals
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

RBVRR WOMEN'S COLLEGE OF PHARMACY

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Sarkaln pura. Hyderabad-500 027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

Leadership Skills

1. Name of the participant and institute : H L. Prasu
2. Name of the institute: RBVRR Women's College of Pharmacy
3. Email id of the participant : laxmi.prasu@gmail.com
4. How was the content delivered by the speaker (Prof. Sumita Roy)
 - Excellent
 - Very Good
 - Good
 - Average
3. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Leadership is the ability of directing the group to achieve goals
7. What are the most important roles of a good leader?
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 - No
 - Maybe

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Barkalpura, Hyderabad- 500 027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

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1. Name of the participant: _____

2. Name of the institute: RBVRRWCP

3. Email id of the participant: _____

4. How was the content delivered by the speaker? (Mrs.P.Swathi)

- Excellent
- Very Good
 - Good
 - Average

5. How do you rate the session?

- Excellent
- Very Good
- Good
- Average

6. **Writing** skills are important as it serves as medium through which we communicate — /False

7. Clear and effective communication of ideas includes

- a) Purpose relevance and justification of writing
- b) Content relevance and clarity
- c) Word choice and idioms usage

LAH of the above

8. Different types of writings included

- a) Expository Writing
- b) Descriptive Writing
- c) Persuasive Writing

LAH the Above

9. Resume is a summary of one's information

10. Was the session helpful and would you like to attend more sessions like this?

- Yes
- No
- Maybe

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Barkatpura, Hyderabad- 500 027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

FEEDBACK FORM DAY -5&6 (Session 1 & I

1. Name of the participant and institute:
2. Name of the institute: RBVRR Women's College of pharmacy
3. Email id of the participant: lfipn_t _____
4. How was the content delivered by the speaker? (Mrs.P.Swathi)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Writing skills are important as it serves as medium through which we communicate True /False
7. Clear and effective communication of ideas includes
 - a) Purpose relevance and justification of writing
 - b) Content relevance and clarity
 - c) Word choice and idioms usageLAH of the above
8. Different types of writings include
 - a) Expository Writing
 - b) Descriptive Writing
 - c) Persuasive WritingLAH the Above
9. Resume is a summary of one's information
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

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Barkatpura, Hyderabad- 500 027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

FEEDBACK FORM DAY - 7 (Session 1&2)

1. Name of the participant and institute: Alha
2. Name of the institute: RBVRR womens college of pharmacy
3. Email id of the participant: Alha.madna@gmail.com
4. How was the content delivered by the speaker? (Prof. M. Sumakanth)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Observational Studies include -
 - a) Cohort studies
 - b) Case control studies
 - c) Cross control studies
 - d) All the above
7. By controlling the conditions, experimental studies establish Independent
8. Key features of Experimental studies are-
 - a) Randomized Controlled trials
 - b) Control groups
 - c) None of the above
 - d) All of the above
9. Observational research studies involve gathering data
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

RBVRR WOMEN'S COLLEGE OF PHARMACY

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Bangalore-100027

CERTIFICATE COURSE ON - PROFESSIONAL DEVELOPMENT

FEEDBACK FORM DAY - 7 (Session 1&2)

1. Name of the participant and institute: Prithvi
2. Name of the institute: RBVRR Women's College of Pharmacy
3. Email id of the participant: prithvi@rbvrr.com
4. How was the content delivered by the speaker? (Prof. M. SUTIKANTH)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Observational Studies include -
 - a) Cohort studies
 - b) Case control studies
 - c) Cross control studies
 - d) All the above
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 - Yes
 - No
 - Mays



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College Code: 1706

CERTIFICATE COURSE ON INDIAN TRADITIONAL MEDICINE

Date:

3rd Oct, 2020 -

10th Oct, 2020

Venu:

Seminar Hall
RBVRR Women's College
of Pharmacy



INAUGURAL SESSION:

Dr. Sudha Parimala,
Associate Professor,
RBVRR Women's College of
Pharmacy

PATRON

Prof. K. Muthyam Reddy
Hon. Secretary Cum Correspondent
RBVRR Women's College of
Pharmacy

CONVENER

Prof. M. Sumakanth
Principal
RBVRR Women's College of
Pharmacy



RBVRR WOMEN'S COLLEGE OF PHARMACY

3-4-343, Barkathpura, Hyderabad - 500027, Ph: 040-27563065

(Approved by AICTE & PCI, Accredited by NBA (B Pharmacy Course) Affiliated Osmania University)

EAMCET Code: RBVW | PGECET Code: RBVW1

VALUE ADDED COURSE

COURSE: INDIAN TRADITIONAL MEDICINE

Duration: From 03-10-2020 To 10-10-2020 Credits: 02 Total no. of hours: 36

Lectures: 10:30 to 12:30

Workshops: 1:00 to 5:00

This course strategy will prove to be effective in creating awareness for benefits of Indian traditional medicinal and aromatic plants, increasing conservation and employment as well as entrepreneurial opportunities. Various Indian traditional medicinal plants are in demand in global market, yet many farmers/tribals/learners hardly know about: how to cultivate and harvest or where to find market? This course intervention is focused on reclaiming sustainability in Indian traditional medicinal and aromatic plants through educating learners with scientific know-hows, guidelines, quality policies, processing and developing a viable value addition and sustainable product.

Objectives:

To aware learners (student, faculty, professional) about the rich Indian traditional knowledge of medicinal and aromatic plants, their protection, regulations, quality control and market.

- To clear myths and propose scientific evidences of traditional medicinal and aromatic plants benefits.
- To aware learners about cultivation, conservation, value addition and socioeconomic development through the knowledge of Indian Traditional Medicinal and Aromatic plants
- To aware learners (especially urban) to identify few important Traditional Medicinal and Aromatic plants
- To aware learners about Entrepreneurship and Start-up opportunities based on market for Indian Traditional Medicinal and Aromatic plants.

Eligibility:

Anyone who is having interest in Medicinal and Aromatic Plants can enrol this course. Student, professionals, faculty from pharmacy, alternative medicines, life sciences, biotechnology, agriculture, natural chemistry and food technology.



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EAMCET Code: RBVW | PGECET Code: RBVW1

Course layout:

Lecture-1	2 HOURS
Introduction to Ayurveda, Siddha, Unani, Homeopathy & Sowa-Rigpa Systems and Traditional Formulations	
Speaker: Dr. Chidamabara Murthy, HOD, Ramaiah College Of Pharmacy Bengaluru	
Traditional medicine (also known as indigenous medicine or folk medicine) comprises medical aspects of traditional knowledge that developed over generations within the folk beliefs of various societies, including indigenous peoples, before the era of modern medicine. The World Health Organization (WHO) defines traditional medicine as "the sum total of the knowledge, skills, and practices based on the theories, beliefs, and experiences indigenous to different cultures, whether explicable or not, used in the maintenance of health as well as in the prevention, diagnosis, improvement and treatment of physical and mental illness". Traditional medicine is often contrasted with scientific medicine.	
Workshop: Dr. Sudha Parimala	4 HOURS
Extraction Different methods of extraction like maceration, percolation and Soxhlet extraction of crude drugs, Difference between soft & dry extracts.	
Lecture -II	2 HOURS
Important Medicinal Plants mentioned in ancient texts	
Speaker: Dr. Mruthyunjaya Kenganoor, HOD, Department of Pharmacognosy, JSS College of Pharmacy, Mysore.	
Medicinal plants are vital sources of easily accessible remedy used in the countryside healthcare system. This study aimed to find and make record of plants that are used for medicinal therapy by three communities living in Cherangani Hills. So far no single study has documented medicinal plants as a whole in the area. Ethnobotanical data were obtained through interviewing informants using semi-structured questionnaires and extracting information from journals and books. Descriptive statistical analysis was applied to describe the data. Overall 296 plant species from 80 families and 191 genera were identified. Asteraceae family was the most dominant, representing 10.7% of the total plant species recorded. Roots (35.9%) represented the most commonly used parts of the plant. The commonly used method of preparation was decoction (54.9%). The reported diseases were classified into 14 diverse ailment groups out of the 81 health conditions on their underlying user reports. Rural communities in Cherangani Hills are rich sources of plants with medicinal properties. Therapeutic uses of the compiled plants provide basic information that can aid scientists to conduct additional research dedicated to conservation of species and pharmacological studies of species with the greatest significance.	
Workshop: Dr. Sudha Parimala	4 HOURS
Ayurvedic formulations processing (Asava, Arishta, Bhasma, Vati)	
Lecture -III	2 HOURS
Important Medicinal Plants mentioned in ancient texts	



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Speaker: [Dr.Salma Khanum, HOD, Al-Ameen College of Pharmacy, Bengaluru.](#)

Workshop: Dr. Sudha Parimala

4 HOURS

Field visit to medicinal plant garden

Lecture -IV

2 HOURS

Important Aromatic Plants mentioned in ancient texts

Aromatic and medicinal plants, through their secondary metabolism, provide a complex mixture of volatile molecules known as essential oils. These volatile molecules exert antibacterial activity that has been used in folk medicine for centuries.

Speaker: [DR. Kotresh Kumar, Director, CIMAP Uppal, Hyderabad](#)

Workshop: Dr. G. Kalpana

4 HOURS

Field visit to Aromatic plants Garden.

Lecture -V

2 HOURS

Good Cultivation and Collection Practices guidelines-WHO, NMPB-AYUSH, Voluntary Certification Scheme for Medicinal Plant Produce, Conservation of rare and endangered traditional plants

Speaker: [DR. S. Shasidhara, Retd. Principal, Government College of Pharmacy, Bengaluru](#)

Workshop: Dr. G. Kalpana

4 HOURS

Standardization of few marketed herbal formulations like churna, Bhasma.

Lecture -VI

2 HOURS

Value added products

AYUSH Products, food, nutraceuticals, cosmetics and agrochemicals, Entrepreneurship and start up opportunities in Plants (Licensing and manufacturing)

Speaker: [DR. Gopal, Mother Theresa College, Pondicherry](#)

Nutraceutical is a fledgling field emerging swiftly due to rising awareness of the potential benefits of dietary supplements used to complement drug treatment. Three-dimensional printing (3DP) is a new-fangled drug delivery system that enables the designing of complex structures according to the needs of each individual. The distinctive characteristics of 3DP are beginning to come to the fore due to advances achieved in other industries and currently riding the wave in the field of nutraceuticals. This study seeks to provide recent breakthroughs in the development of nutraceuticals using various 3D printing techniques and serves as a guide to formulators in terms of nutraceutical development scenarios to allow unabridged benefits of personalized nutrition to patients. Understanding the primary drivers of the nutraceutical market, together with a consistent and well-defined regulatory framework, will open up new avenues for 3D printed nutraceutical innovation, diversification, and segmentation.

Workshop: Dr. G. Kalpana

4 HOURS

Extraction & Isolation of soluble and insoluble fibre from Carrot, ApplePomace.

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A 10 DAY CERTIFICATE COURSE IN PHARMACOVIGILANCE 2020

COURSE BENEFITS

- Career Guidance and Resume Writing Skills
- Intensive 36-Hour Training by Industry Experts
- Hands-on Real-Time Practice Completion Certificate.

In Association with our Training
Partner:

Registration Fee - Rs 1000/-

Last Date for Registration:

25th Oct 2020

Payment: Gpay to 7416614919



CLINOSOL™

About RBVRR Women's College of Pharmacy:

RBVRR Women's College of Pharmacy, founded in the year 2006, operates successfully under Hyderabad Mahila Vidhya Sangam, guided by the visionary leadership of its Founder Principal, Prof. M. Sumakanth, with a core mission of offering education to young women. The college has spacious classrooms, well-equipped laboratories with the latest equipment, and well-furnished seminar hall, conference room and library with a good number of the latest editions of both textbooks and reference books. The college is recognized as research centre by Osmania University. The college is offering the following courses:

- B.Pharmacy (100seats)
- Pharm.D (32)
- M.Pharmacy (Pharma.Chemistry, Pharmaceutics, Pharm.Analysis and Pharmacology).

About ClinoSol:

Founded in 2019, ClinoSol is a dynamic and forward-thinking healthcare company dedicated to transforming the way medical solutions are delivered. With a strong focus on innovation, ClinoSol has emerged as a pioneer in the industry, continuously striving to improve patient outcome and enhance healthcare systems globally. ClinoSol's products and services are tailored to serve the industry needs, thus, students can benefit from engaging with ClinoSol's professional tone of voice as they explore the innovative advancements in healthcare.

About the Course

- The 10-Day Hands-on Certificate course in Pharmacovigilance aims to provide participants with a comprehensive understanding of pharmacovigilance principles and practices.
- Through interactive sessions and practical exercises, attendees will learn about the importance of drug safety monitoring, adverse event reporting, and risk management strategies.
- The workshop will also cover the regulatory framework surrounding Pharmacovigilance and the role of various stakeholders in ensuring drug safety.
- Assist students in selecting a career path in pharmacovigilance.

SCHEDULE

DATE	MODULE #	TOPIC	SPEAKER	DURATION
31 st OCT 2020	Module 1	Introduction to Clinical Research and Pharmacovigilance	C.S Mujeebuddin	4 Hours
01 st Nov 2020	Module 2	Case processing workflow	C.S Mujeebuddin	4 Hours
02 nd Nov 2020	Module 3	Causality Assessment	Uma Priya	4 Hours
03 rd Nov 2020	Module 4	Expedited Reporting	Uma Priya	3 Hours
04 th Nov 2020	Module 5	Narrative Writing	C.S Mujeebuddin	4 Hours
05 th Nov 2020	Module 6	Medical Coding in PV	C.S Mujeebuddin	3 Hours
06 th Nov 2020	Module 7	Signal Management	Uma Priya	3 Hours
08 th Nov 2020	Module 8	Aggregate Reporting	Uma Priya	4 Hours
09 th Nov 2020	Module 9	Hands on Exercises	Dr.Mitesh Reddy	4 Hours
09 th Nov 2020	Module 10	Hands on Exercises and Assessment	Dr.Mitesh Reddy	4 Hours

COURSE OUT COMES

After completion of this course Participants can

1. Understand the basics of Pharmacovigilance and current status of Indian and Global Pharmacovigilance.
2. Explain Qualitative and Quantitative signal detection and perform Signal detection and management.
3. Gain insights into the significance of adverse event reporting and effective risk management strategies in the pharmaceutical industry
4. Equip with valuable knowledge and skills, fostering understanding of pharmacovigilance principles and preparing them for potential careers in this field.
5. Familiarize with real-world pharmacovigilance scenarios through Hands-on training sessions.

An Intensive Practice based Certification Course on		
PHARMACOVIGILANCE		
Code:PVCC003	Credits: 2	Course duration:36hrs

This certificate course is designed to equip participants with a deep understanding of pharmacovigilance principles, methodologies, and practical applications. This course is an unique blend of theoretical knowledge and practical skills, providing participants with a solid foundation for a successful career in pharmacovigilance.

OBJECTIVE: This course is exclusively designed for Graduates in Pharmacy and Bio-Sciences, Medical Professionals, junior professionals in Pharmaceutical and IT Industry and also for B.Pharm, Pharm D, M.Pharm pursuing students and to embrace the tactical aspects of Pharmacovigilance .

SYLLABUS

Module I	Introduction to Pharmacovigilance	4hrs
Introduction to Clinical Research and Pharmacovigilance. Historical perspectives and Current Status of pharmacovigilance. National and international aspects of PV .		
Module II	Case Processing Workflow	4hrs
Adverse Drug Reactions - Types, detection and reporting methods. Sources of Cases: Unsolicited Reports, Solicited reports, contractual agreements, Regulatory Authorities, Steps in case processing.		
Module III	Causality Assessment	4hrs
Factors Considered in Causality Assessment, Methods and Tools for Causality Assessment, Methods and Tools for Causality Assessment, Case studies.		
Module IV	Expedited Reporting	3hrs
Types of Regulatory reporting, Criteria for Expedited Reporting, Time Frames, Channels of reporting, Regulatory obligations.		
Module V:	Narrative Writing	4hrs
Narrative Writing objectives, regulatory frame work, Template of narrative writing. Case Studies.		
Module VI	Medical Coding in PV	3hrs
Medical coding: Introduction, WHO adverse reactions, terminologies, Med DRA and Standardized Med DRA.		
Module VII	Signal Management	3hrs
Signal terminologies, Methods of signal detection. Signal Management process flow, Qualitative and Quantitative signal detection, Analysis of different data sources.		

Module VIII	Aggregate Reporting	4hrs
Types of aggregate reporting , Reporting intervals, communication to regulatory authorities		
Module IX	Practical session on Narrative Writing.	4hrs
Exercises on Spontaneous reports,		
Module X	Practical session on Causality assessment and Med DRA	4hrs
Assessment of Causality based on Naranjo scale for the given cases, Med DRA Coding Demo		

RBVRR WOMEN'S COLLEGE OF PHARMACY

3-4-343, Barkatpura, Hyderabad – 5000 027 (T.S), India

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(Approved by the AICTE, PCI & Affiliated to Osmania University)

Recognized under section 2(f) of the UGC Act 1956

EAMCET Code: RBVW | PGECET Code: RBVW1

www.Rbvrrwcp.org | Email: rbvrrwcp@rediffmail.com & rbvrrwcp2006@gmail.com



Certificate course on GREEN CHEMISTRY IN DRUG DISCOVERY-2020

15th -22nd Dec 2020



COURSE BENEFITS:

- Learn about principles of green chemistry.
- Gain hands on training on microwave synthesizer
- Learn about design of nano-catalysts and significance of phase transfer catalysts and Biocatalysts in drug discovery.

Registration Link:

<https://forms.gle/Yu9WvuzVo2LvQbjV8>

Registration Fee: 800/-

Last Date for Registration: 12th Dec 2020

Gpay Number : 7702236567

ABOUT RBVRR WOMEN'S COLLEGE OF PHARMACY

Established in 2006, RBVRR Women's College of Pharmacy functions effectively under *Hyderabad Mahila Vidhya Sangam*, under the visionary direction of Prof. M. Sumakanth, the college's founder principal. The primary objective of the college is to provide education to young women. The institution features large classrooms, modern, well-equipped laboratories, a well-furnished seminar hall, a conference room, and a library with a good selection of the most recent editions of reference and textbook materials.

The college is offering the following courses:

1. B.Pharmacy (100seats)
2. Pharm.D (32seats)
3. M.Pharmacy (Pharma. chemistry, Pharmaceutics, Pharm. Analysis and Pharmacology)

VISION

To lead the way in impacting lives via a creative, tenacious, and caring approach to pharmacy education as a National Women's Pharmacy Professional.

MISSION

Besides from the traditional curriculum, RBVRRWCP empowers and prepares female students for success in a changing society through on-going awareness programs.

OBJECTIVES

- To familiarize with green chemistry.
- To learn about green reagents, green solvents, green catalysts and reaction conditions.
- To know about greener technologies and alternative energy sources.
- To learn about renewable resources and greenhouse effect.
- To know the importance of catalysis in green synthesis.
- To know various techniques in green chemistry based on current needs.
- To learn the various green techniques and the technology behind them.

Value added course		
Course: Green chemistry in drug discovery		
Code: GCDCC003	Credits: 4	Total No. of Hours: 36hrs.

AIM:

This certificate course aims to enhance understanding about the importance of green chemistry in medication design and development. The course focuses on the fundamentals of green chemistry, design, alternative energy sources, green synthesis catalysis, and contemporary green chemistry developments.

SYLLABUS

UNIT I: PRINCIPLES AND CONCEPTS OF GREEN CHEMISTRY 6 HRS

Introduction, principles of green chemistry, sustainable development and green chemistry. Atom economic reactions - rearrangement and addition reactions. Atom un-economic reactions - substitution, elimination reactions.

UNIT II: DESIGNING A GREEN SYNTHESIS

7 HRS

Role of green synthesis in drug discovery Green discoveries; greener reagents, role of green catalysts in organic synthesis, Sustainable synthesis of pharmaceuticals. Development of Photo enzymatic Strategies for Selective Organic Synthesis—Focus on Advantages and Challenges

UNIT III: GREENER TECHNOLOGIES AND ALTERNATIVE ENERGY SOURCES 7 HRS

Chemistry using Microwaves: Microwave heating and microwave-assisted reactions in water, reactions in organic solvents, solvent free reactions. Sonochemistry & Electrochemical synthesis with examples.

UNIT IV: RENEWABLE RESOURCES AND GREENHOUSE EFFECT 8 HRS

Biomass as a renewable resource: Fossil fuels, biomass, solar power, fuel cells and other forms of renewable energy. Chemicals and polymers from renewable feedstock. Greenhouse effect and Global Warming - Introduction - How the greenhouse effect is produced - Major sources of greenhouse gasses - Emissions of CO₂ - Impact of greenhouse effect on global climate. Control and remedial measures of greenhouse effect. Global warming- A serious threat to life on earth.

UNIT V: CATALYSIS IN GREEN SYNTHESIS.

8 HRS

The design of Nano-catalysts for energy and environmental applications. Phase Transfer Catalysts: Introduction, mechanism of catalytic action, type of catalysts and its advantages, Application of Phase transfer catalysis in green synthesis. Biocatalysts: Introduction, Biochemical oxidations and reductions.

PROGRAM SCHEDULE:

DATE	MORNING SESSION (10.30AM-1.00PM)	AFTERNOON SESSION (2.00PM-4.30PM)
15 th Dec 2020	Dr. GunaSekar G.H. Scientist & Assistant Professor AcSIR, Department Of Catalysis & Fine Chemicals. CSIR-IICT Hyderabad	Dr. T. Saravanan Assistant Professor School of Chemistry University of Hyderabad Hyderabad
16 th Dec 2020	Prof. B.M. Reddy FNAE, FNASc, FRSC, FTASc, FAPASc Senior Professor Emeritus Department of Chemistry BITS Pilani, Hyderabad Campus Hyderabad	Dr. Jeevana Jyothi HOD, Associate Professor RBVRR Women's College Department of Chemistry & Forensic Science Barkatpura
17 th Dec 2020	Dr. GunaSekar G.H. Scientist & Assistant Professor AcSIR, Department Of Catalysis & Fine Chemicals. CSIR-IICT Hyderabad	Prof. B.M. Reddy FNAE, FNASc, FRSC, FTASc, FAPASc Senior Professor Emeritus Department of Chemistry BITS Pilani, Hyderabad Campus Hyderabad
18 th Dec 2020	Dr. T. Saravanan Assistant Professor School of Chemistry University of Hyderabad Hyderabad	Dr. Jeevana Jyothi HOD, Associate Professor RBVRR Women's College Department of Chemistry & Forensic Science Barkatpura
19 th Dec 2020	Hands on training	
21 st Dec 2020	Prof. B.M. Reddy FNAE, FNASc, FRSC, FTASc, FAPASc Senior Professor Emeritus Department of Chemistry BITS Pilani, Hyderabad Campus Hyderabad	Dr. T. Saravanan Assistant Professor School of Chemistry University of Hyderabad Hyderabad
22 nd Dec 2020	Dr. Jeevana Jyothi HOD, Associate Professor RBVRR Women's College Department of Chemistry & Forensic Science Barkatpura	Prof. M. Sumakanth Principal, RBVRR Women's College of Pharmacy Valedictory Session

Program Coordinator:

Dr. M.Vijaya Bhargavi

Associate Professor & Head

Department of Pharmaceutical Chemistry

RBVRR Women's College of Pharmacy.

Contact no.: 98480 54391

For Queries Contact

Mrs V. Padmaja: 9849583030

Mrs P. Archana: 8660723852

Mrs Sajida Afreen: 7702236567

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Two-week certificate course on
“Advance Analytical Techniques”
3rd– 14th April 2021

INAUGURAL SESSION:

Mr. M. Soundarapandian,
Assistant Director,
Clearsynth Pvt, ltd,
Hyderabad.

FOR QUERIES:

Contact-

1. D.Sowjanya
(9494800885)
2. P. Kavya
(8919889059)

Registration details:

Free Registration

Last date to register: ~~2nd April, 2021~~

SCHEDULE

DAY	DATE	SPEAKER	TOPIC
DAY 1&2	3 rd & 5 th April 2021	Mr. M. Soundarapandian, Assistant Director, Clearsynth Pvt, Ltd, Hyderabad.	Advancements in Chromatography
Day 3&4	6 th & 7 th April 2021	Mr. A Venkata Rao Manager, LC-MS Department, Aurobindo Pharma Ltd, Hyderabad.	LC-MS & GC-MS
DAY 5&6	8 th & 9 th April 2021	Dr. K. Bhavya Sri, Associate Professor, Head, Dept of Pharma Analysis, RBVRR Womens College	Analytical Method Validation
Day 7&8	10 th & 12 th April 2021	Mr. Lalit kumar, Research Associate-IV, Aurobindo LTD, Hderabad	X- Ray Diffraction
Day 9&10	13 th & 14 th April 2021	Industrial Visit;Mr. B. Sreekanth, AGM, HeadQuality Assurance, Caponex Labs Pvt Ltd, Hyderabad.	Inductive Coupled Plasma with Mass Spectroscopy.

Day 1&2: Introduction to the programme (overview), welcoming principal mam and Speaker on to diase (giving bouquet) ,Inauguration, lightening of light, prayer song by students, principal mam addressing the gathering, giving introduction to speaker, at the end momento and vote of thanks

Day 3&4: welcome to day 3 and 4 Session, welcoming the speaker and introduction to speaker and session starts and at the end momento & vote of thanks.

Day 5&6: welcome to day 5 and 6 Session, welcoming the speaker and introduction to speaker and session starts and at the end momento & vote of thanks.

Day 7&8: welcome to day 7 and 8 Session, welcoming the speaker and introduction to speaker and session starts and at the end momento & vote of thanks.

Day 9 &10: welcome to day 9 and 10 Session, welcoming the Guest and introduction and session starts with industrial visit

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Barkatpura, Hyderabad- 500 027

TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY 5&6 (SESSION 1&2)

1. Name of the participant and institute: B. Sai priya
2. Name of the institute: RBVRR women's college of pharmacy
3. Email id of the participant: priya bolja 4@gmail.com
4. How was the content delivered by the speaker? (Dr.K.Bhavya Sree)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. The lowest amount of analyte in a sample which can be detected but not necessarily quantitated as an exact value?
 - a) Limit of detection
 - b) Accuracy
 - c) Limit of Quantitation
 - d) Specificity
7. Which is not one of the four major components in the overall validation process?
 - a) System suitability
 - b) Instrument qualification
 - c) Measurement validation
 - d) Software validation
8. Methods need to be validated, verified, and revalidated when the method is being transferred to another laboratory
 - a) True
 - b) False
9. How many parts make the overall validation process
 - a) 8
 - b) 4
 - c) 9
10. Was the session helpful and would you like to attend more sessions like this?
 - a) Yes
 - b) No
 - c) Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY 1&2 (SESSION 1&2)

1. Name of the participant and institute: K. Bhavana
2. Name of the institute: RBVRR Women's college of pharmacy
3. Email id of the participant: karlibhavana24@gmail.com
4. How was the content delivered by the speaker? (Dr. G. Jithender Reddy)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Which of the following are considered to be the lowest form of Electromagnetic Radiation
 - a) IR Radiation
 - b) Microwaves
 - c) UV radiation
 - d) Radiowaves
7. What is used to cool the superconducting coils
 - a) Hydrogen
 - b) Ice
 - c) Dry Ice
 - d) Liquid Medium
8. NMR Spectroscopy indicates the chemical nature of _____ and Spatial positions of _____?
 - a) Electrons; Protons
 - b) Nuclei; Electrons
 - c) Nuclei; Neighbouring Nuclei
 - d) Neutrons; Electrons
9. When placed in magnetic field all random spins of the nuclei ____
 - a) Stop
 - b) Reverse the direction
 - c) Align with the magnetic field
 - d) Rotate to 90° away from induced field
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY 7&8 (SESSION 1&2)

1. Name of the participant and institute: Anam Mohammed
2. Name of the institute: RBVRR women's college of Pharmacy
3. Email id of the participant: anamohammed@gmail.com
4. How was the content delivered by the speaker? (Dr. M.Soundarapandian)
 - a. Excellent
 - b. Very Good
 - c. Good
 - d. Average
5. How do you rate the session?
 - a. Excellent
 - b. Very Good
 - c. Good
 - d. Average
6. What is the nature of mobile phase in reverse phase chromatography?
 - a. Polar
 - b. Non Polar
 - c. Mixture of both
 - d. Can be anything depending on nature of analyte
7. What is the pressure used in HPLC
 - a) 1000-3000 psi
 - b) 1000-5000 psi
 - c) 2000-6000 psi
 - d) 1000-6000 psi
8. Which of the following is not true about solvent programming, which is done in HPLC
 - a) It provides unequal bandwidths
 - b) It provides fast overall separation
 - c) It provides maximum resolution
 - d) It provides maximum Sensitivity
9. Derivatisation technique in HPLC are intended to enhance
 - a) Molecular weight
 - b) Detectability
 - c) Reversibility
 - d) Reproducibility
10. Was the session helpful and would you like to attend more sessions like this?
 - a. Yes
 - b. No
 - c. Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY 1&2 (SESSION 1&2)

1. Name of the participant and institute: Arifilla Jabnari
2. Name of the institute: RBVRR womens college of pharmacy
3. Email id of the participant: jahnararifilla@gmail.com
4. How was the content delivered by the speaker? (Dr. G. Jithender Reddy)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. Which of the following are considered to be the lowest form of Electromagnetic Radiation
 - a) IR Radiation
 - b) Microwaves
 - c) UV radiation
 - d) Radiowaves
7. What is used to cool the superconducting coils
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 - b) Ice
 - c) Dry Ice
 - d) Liquid Medium
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 - a) Electrons; Protons
 - b) Nuclei; Electrons
 - c) Nuclei; Neighbouring Nuclei
 - d) Neutrons; Electrons
9. When placed in magnetic field all random spins of the nuclei ____
 - a) Stop
 - b) Reverse the direction
 - c) Align with the magnetic field
 - d) Rotate to 90° away from induced field
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY 7&8 (SESSION 1&2)

1. Name of the participant and institute: Ayesha Tabreen
2. Name of the institute: RBVRR women's college of pharmacy
3. Email id of the participant: ayeshatabreen423@gmail.com.
4. How was the content delivered by the speaker? (Dr. M.Soundarapandian)
 - a. Excellent
 - b. Very Good
 - c. Good
 - d. Average
5. How do you rate the session?
 - a. Excellent
 - b. Very Good
 - c. Good
 - d. Average
6. What is the nature of mobile phase in reverse phase chromatography?
 - a. Polar
 - b. Non Polar
 - c. Mixture of both
 - d. Can be anything depending on nature of analyte
7. What is the pressure used in HPLC
 - a) 1000-3000 psi
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 - d) 1000-6000 psi
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 - d) It provides maximum Sensitivity
9. Derivatisation technique in HPLC are intended to enhance
 - a) Molecular weight
 - b) Detectability
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 - d) Reproducibility
10. Was the session helpful and would you like to attend more sessions like this?
 - a. Yes
 - b. No
 - c. Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY - 5&6 (SESSION - 1&2):

1. Name of the participant and institute: Syeda Haja Fatima
2. Name of the institute: RBVRR Women's college of pharmacy
3. Email id of the participant: Haja1021@gmail.com
4. How was the content delivered by the speaker? (Dr.K.Bhavya Sree)
 - Excellent
 - Very Good
 - Good
 - Average
5. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
6. The lowest amount of analyte in a sample which can be detected but not necessarily quantified as an exact value?
 - a) Limit of detection
 - b) Accuracy
 - c) Limit of Quantitation
 - d) Specificity
7. Which is not one of the four major components in the overall validation process?
 - a) System suitability
 - b) Instrument qualification
 - c) Measurement validation
 - d) Software validation
8. Methods need to be validated, verified, and revalidated when the method is being transferred to another laboratory
 - a) True
 - b) False
9. How many parts make the overall validation process
 - a) 8
 - b) 4
 - c) 9
10. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY - 9&10 (SESSION - 1&2):

11. Name of the participant and institute : SYEDA AYESHA TASNEEM
12. Name of the institute: RBVRR WOMEN'S COLLEGE OF PHARMACY
13. Email id of the participant : ayshatasneem26@gmail.com
14. How was the content delivered by the speaker? (Mr.Lalith Kumar)
- Excellent
 - Very Good
 - Good
 - Average
15. How do you rate the session?
- Excellent
 - Very Good
 - Good
 - Average
16. Solid samples are introduced into the ICP Spectrometer using which of the following?
- Nebulizer
 - Cuvette having glass window
 - Probe
 - Laser ablation system
17. ICP principle is similar to which of the following?
- a) Flame Emission spectroscopy
 - b) Fourier Transform spectroscopy
 - c) Atomic Emission spectroscopy
 - d) Absorption Spectroscopy
18. Which of the following is not characteristic of ICP spectrometer
- a) Easy sample introduction
 - b) It can trace multiple elements
 - c) High detection limits
 - d) Accuracy
19. Atomization and Ionization occurs at which of the following condition?
- a) Vacuum pressure
 - b) Atomic Pressure
 - c) Low pressure
 - d) High pressure
20. Was the session helpful and would you like to attend more sessions like this?
- Yes
 - No
 - Maybe

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TWO WEEK CERTIFICATE COURSE ON ADVANCED ANALYTICAL TECHNIQUES

FEEDBACK FORM DAY - 9&10 (SESSION - 1&2):

11. Name of the participant and institute : SYEDA HAMEEDA NISHATH
12. Name of the institute: RBVRR COLLEGE OF PHARMACY
13. Email id of the participant : nishathsyedaa@gmail.com
14. How was the content delivered by the speaker? (Mr.Lalith Kumar)
 - Excellent
 - Very Good
 - Good
 - Average
15. How do you rate the session?
 - Excellent
 - Very Good
 - Good
 - Average
16. Solid samples are introduced into the ICP Spectrometer using which of the following?
 - Nebulizer
 - Cuvette having glass window
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19. Atomization and Ionization occurs at which of the following condition?
 - a) Vacuum pressure
 - b) Atomic Pressure
 - c) Low pressure
 - d) High pressure
20. Was the session helpful and would you like to attend more sessions like this?
 - Yes
 - No
 - Maybe



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www.rbvrrwcp.org | Email: rbvrrwcp@rediffmail.com & rbvrrwcp2006@gmail.com

College Code: 1706

Value Added Course		
Course: Advance Analytical Techniques		
Code:AATCC003	Credits:2	Total No.of Hours:36

The aim of conducting this certificate course is to impart advanced knowledge on the principles and instrumentation of spectroscopic and chromatographic hyphenated techniques. This also emphasizes on theoretical and practical knowledge on modern analytical instruments that are used for drug testing in Analytical and Bioanalytical laboratories

Objectives:-Objectives:- The Course Program in Advance Analytical Techniques is designed to provide participants with a comprehensive understanding of Analytical tools available and their advancements for the analysis of pharmaceutical products

SYLLABUS

Unit 1	Spectroscopic Techniques and their Advancements	8 Hours
<p>NMR Spectroscopy:-Quantum numbers and their role in NMR, Principle, Instrumentation, Solvent requirement in NMR, Relaxation process, NMR signals in various compounds, Chemical shift, Factors influencing chemical shift, Spin-Spin coupling, Coupling constant, Nuclear magnetic double Resonance, Spin Spin and spin lattice relaxation phenomenon.</p> <p>1D- NMR and 13CNMR.</p> <p>Mass Spectroscopy:-Principle, theory, instrumentation of mass spectrometry, different types of Ionization Techniques like Electron Impact, Chemical, Field, FAB and MALD, APCI, ESI, APPI, Mass fragmentation mechanism and its rules, meta stable ions, isotopic peaks and applications of mass spectrometry.</p>		
Unit 2	Chromatographic Techniques and their Advancements	6 Hours
<p>Principle, Instrumentation and Pharmaceutical applications:- HPLC,UPLC, Nano LC, HILIC, GC, SFC</p>		

Unit 3	Hyphenated Techniques	6 Hours
Principle, Instrumentation, Interfaces, Pharmaceutical applications:- LC-MS,GC-MS,ICP-MS, Tandem Mass systems		

Unit 4	X-ray Crystallography	4 Hours
Production of X rays, Different X ray methods, Bragg's law, Rotating crystal technique, X ray powder technique, Types of crystals and applications of X-ray diffraction		

Unit 5	Qualification of Analytical Instruments	6 Hours
NMR, MS,HPLC,UPLC,X-ray diffraction		

Advance Analytical Techniques Course Outcomes:

After completion of this course

- 1) The students will get adequate knowledge on recent advancement and basics of NMR and MS.
- 2) Students will know the principle and advanced applications of Nano LC, UPLC and HILIC.
- 3) Students aware of different hyphenated techniques like ICP-MS, LC-MS GC-MS etc.
- 4) Students are permitted to know in detail about the X- ray crystallography methods and application.
- 5) Students are familiar with the methods used for calibration and validations of Instruments