



KRUPANIDHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi, Affiliated to RGUHS, Bengaluru)
Accredited with Grade 'A' by NAAC, Bengaluru | ISO 9001 - 2015 Certified
12/1, CHIKKA BELLANDUR, CARMELARAM POST, VARTHUR HOBLI, BANGALORE - 560 035

VALUE ADDED COURSES

2020-2021

SL NO	NAME OF THE COURSES	LINK
1	Screening Models for Various Pharmacological Activities	CLICK HERE
2	Non- Sterile Compounding Techniques	CLICK HERE
3	Excel skills for business	CLICK HERE
4	Constitution of India and Professional Ethics	CLICK HERE
5	Advanced Microsoft	CLICK HERE

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Krupanidhi College of Pharmacy is Organising a Value added course on "Advanced Microsoft"

From 1st April to 31 April , 2021

Timings : 4:00 - 5:00 pm	VENUE - SEMINAR HALL
	Co - Ordinator Dr. P D Chaithanya Sudha

pharmacy.krupanidhi@gmail.com





VALUE ADDED COURSE: ADVANCED EXCEL SYLLABUS

Course Learning Objectives:

Following are the objectives of the course:

- To train students with the essentials excel skills for business in creating effective spreadsheets and manage large sets of data.
- To familiarize students with the highly sought after functions in creating dynamic reports with Excel Pivot tables.
- To equip students to automate day to day Excel tasks by mastering the power of Macros and VBA.

Pre-requisites for the Course:

- Students must have fair access to Windows version of Microsoft Excel 2010.
- Basics of MS-Office and interest to acquire skills to manage datasets efficiently.

Course Description:

Students develop advanced Excel Skills for Business

- Students acquire the skills to manage large datasets efficiently, extract meaningful information from datasets, present data and extract information effectively.
- Students master the skills needed to validate data, prevent errors in spreadsheets and create spreadsheets that help forecast and model data.
- Analyze data & present the results in a user-friendly way.
- Create charts and tables that effectively summarize raw data.

Course Learning Outcomes:

At the end of the course, the students will be able to:

- Develop data analysis skills using Advanced Excel
- Design sophisticated spreadsheets and perform complex calculations
- Acquire the skills to manage large datasets efficiently, extract and present meaningful information from datasets.
- Develop aptitude for data modeling and create dynamic reports.

Course Content and Structure

MODULE ONE:

6 HOURS

MICROSOFT EXCEL FUNDAMENTALS: Entering and Editing Text and Formulas - Work with Basic Excel Functions - Modifying an Excel Worksheet - Formatting Data in an Excel Worksheet - Inserting Images and Shapes into an Excel Worksheet - Creating Basic Charts in Excel - Viewing your Document in Print Preview - Working with Excel Templates.



MODULE TWO:

6 HOURS

WORKING WITH AN EXCEL LIST: Excel List Functions - Excel Data Validation - Importing and Exporting Data - Excel Pivot Tables - Working with Excel's PowerPivot Tools - Working with Large Sets of Excel Data.

MODULE THREE:

6 HOURS

WORKING WITH EXCEL'S CONDITIONAL FUNCTIONS: Working with Excel's Lookup Functions - Working with Excel's Text Based Functions - Auditing an Excel Worksheet - Protecting Excel Worksheets and Workbooks - Mastering Excel's "What If?" Tools - Automating Repetitive Tasks in Excel with Macros.

MODULE FOUR:

6 HOURS

MICROSOFT EXCEL MACROS: Using Excel's Macro Recorder Tool - Excel VBA Concepts - Moving Beyond the Basics and into VBA - Preparing and Cleaning up Data with a Little VBA - Using VBA to Automate Excel Formulas - Bringing it all together and a weekly report - Working with Excel VBA User Forms - Importing Data from Text Files.

MODULE FIVE:

6 HOURS

DATA ANALYSIS WITH PIVOT TABLES: Raw data structure in Excel - Pivot Table layouts and styles - Sorting, Filtering, and Grouping Data with Pivot Tables - Enriching Data with Pivot Table Calculated Values and Fields - Visualizing Data with Excel Pivot Charts - Excel Pivot Table Case Studies.

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Krupanidhi College of Pharmacy is organising a
Value Added Course on "Excel skills for business"
starting from 16 August 2020.

Details :

Co - Ordinator

Dr. Sarita Iyer (Principal, KSM)


Student Co- ordinator

Mahesh C

8660365342

Course duration - 30 hours

Dates - 16 August - 17
September 2020


PRINCIPAL
Krupanidhi College of Pharmacy
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Varthur Hobli, Bangalore - 560 035

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MODULE ONE: 6 HOURS

ESSENTIALS OF MICROSOFT EXCEL: Goodness of Numbers – Spreadsheet Design Principles - Using Functions to Sort Data - Introduction to Array Formulas - Working with an Array Function (TRANSPOSE) - Solving Problems with Array Formulas - Remove Unwanted Spaces (TRIM, CLEAN).

MODULE TWO: 6 HOURS

TABLEAU: Spreadsheet functions to Organize Data – IF Command – Nested IF Function – VLOOKUP across worksheets - HLOOKUP Function in Excel - The RANDBETWEEN function – Formatting Rows and Columns.

MODULE THREE: 6 HOURS

PIVOT TABLES: Introduction to Data Filtering – Using the “VLOOKUP” Function Across Worksheets - Construction of Pivot Tables – More Pivot Table Options – Application of Pivot Tables to Numeric Data – Introduction to Charts in Excel.

MODULE FOUR: 6 HOURS

DATA CLEANSING AND PREPARATION: Manage large datasets - Missing Values – Imputation Techniques - Replace blanks with repeating values – Reading Data - Data Manipulation – Data Validation – Create meaningful reports.

MODULE FIVE: 6 HOURS

STATISTICAL DATA MODELING: Descriptive Statistics – Histogram – Scatter Plots – Pie Charts – Line and Bar Graphs - Correlation - Regression –ANOVA – Independent Samples test.

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Krupanidhi College of Pharmacy
is organising a Value Added
Course on " Non- Sterile
Compounding Techniques"
starting from 11 Jan 2021.

Co - Ordinator

Dr. Preeti Sudheer

Student Co - ordinator

Maithili Sinha

7059310721

Course Duration - 30
hours

Date - 11 Jan - 10 feb
2021

timing - 4:00 pm to 5:00
pm

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VALUE-ADDED COURSE: 2020-2021

SYLLABUS

Non Sterile Compounding Technique Syllabus

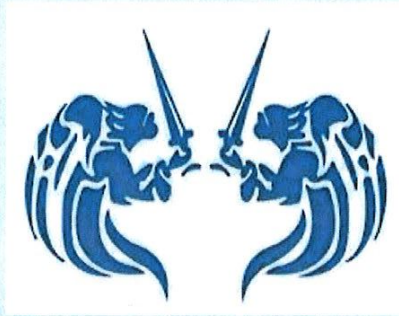
Total 30 Hours

- Manufacturing, manufacturing flowcharts, in process-quality control tests for following Non-Sterile solid dosage forms: Tablets (compressed & coated), Capsules (Hard & Soft). **(7 hours)**
- Advance non-sterile solid product manufacturing technology: Process Automation in Pharmaceutical Industry with specific reference to manufacturing of tablets and coated products. **(6 hours)**
- Improved Tablet Production: Tablet production process, granulation and pelletization equipments, continuous and batch mixing, rapid mixing granulators, rota granulators, spheronizers and marumerisers, and other specialized granulation and drying equipments. Problems encountered. **(10 hours)**.
- Coating technology: Process, equipments, particle coating, fluidized bed coating, application techniques. Problems encountered **(7 hours)**.

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Krupanidhi College of Pharmacy is conducting a Value Added Course on " Screening Models for Various Pharmacological Activities" starting from 15 feb 2021.

Co - Ordinator

Dr. Rajendra V

Student Co - Ordinator

Anusha V

7899329939

Course duration - 30 hours

Date - 15 Feb - 13 Mar 2021

Venue - Pharmacy Block

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SYLLABUS OF SCREENING MODELS ON VARIOUS PHARMACOLOGICAL ACTIVITIES

1. INTRODUCTION
2. A BRIEF REVIEW OF THE BIOCHEMISTRY OF THE NERVOUS SYSTEM
3. THE ORGANIZATION OF SCREENING
4. GENERAL METHODS
5. QUANTAL RESPONSES. CALCULATION OF THE ED50
6. DEPRESSANTS OF THE CENTRAL NERVOUS SYSTEM
7. ATARACTIC (TRANQUILLIZING, NEUROLEPTIC) AGENTS
8. ANALGESICS
9. OXYTOCIC AGENTS
10. ANTISEROTONIN AGENTS
11. PARASYMPATHOLYTIC AGENTS
12. SYMPATHOLYTIC AGENTS
13. ANTI-INFLAMMATORY AGENTS
14. ANTICONVULSANTS
15. SYMPATHOMIMETIC AGENTS
16. CENTRAL STIMULANTS
17. MUSCARINIC AGENTS
18. GANGLION-BLOCKING AGENTS
19. ANTIFIBRILLATORY AGENTS
20. CARDIOTONIC AGENTS
21. HISTAMINE-LIKE AGENTS
22. ANTIHISTAMINE AGENTS

23. ANTITUSSIVE AGENTS
24. ANTACID AGENTS
25. THYROMIMETIC AGENTS
26. HYPOGLYCEMIC AGENTS
27. CHOLERETIC AGENTS
28. ANTIPARKINSON AGENTS
29. ANTI-INFLAMMATORY AND GLUCOCORTICOIDAL AGENTS
30. ANTIEMETIC AGENTS
31. BRONCHODILATANT AGENTS
32. CURARIFORM AGENTS
33. ANABOLIC, ANDROGENIC, AND ANTIANDROGENIC AGENTS
34. POTENTIATORS AND ANTAGONISTS OF TRYPTAMINE
35. VASOPRESSIVE PEPTIDES
36. DIURETIC AND NATRIURETIC AGENTS
37. ANTICHOLINESTERASE AGENTS
38. ANTICHOLESTEROL AGENTS
39. URICOSURIC AGENTS
40. ANTISHOCK AGENTS
41. HEMOSTATIC AGENTS
42. LOCAL AND SPINAL ANESTHETICS
43. ABORTIFACIENT AGENTS
44. THYMOLEPTIC AGENTS
45. DERMAL IRRITANTS
46. TERATOGENIC AGENTS