

(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR)

### DEPARTMENT OF BIOTECHNOLOGY

**Industry Certified Value-Added Course** 

On

### CLINICAL RESEARCH AND PHARMACOVIGILANCE

In Association with Deepam Hospitals, Urapakkam, Chennai.

### 06 - 09 February 2023

1. Academic Year 2022-23 2. R2020 Regulation 3. : Biotechnology Department Name : Industry Certified Value-Added Course on "Clinical Name of the Value-added 4. Research and Pharmacovigilance" Course 5. Number of Credits 02 Theory / Lab / Hands-on / Skill Hands-on & Skill Based 6. based Deepam Hospitals, Urapakkam, Chennai. 7. Joint Organization 8. Resource Person Details 1. Mr. Rajavelu, Deepam Academy of Medical Sciences, Chennai 2. Mr. Dhayalan, Deepam Academy of Medical Sciences, Chennai Three Member Committee 1. Dr. R. Shyam Kumar, HOD/BT 9. 2. Dr. A. Ronaldo Anuf, AP/BT 3. Er. Karl Joseph Samuel, AP/BT 1. Dr. R. Baskaran, ASP/BT 10. **Program Coordinators** 2. Dr. A. Ronaldo Anuf, AP/BT 3. Er. Karl Joseph Samuel, AP/BT 11. Duration (30h Mandatory) : 32 Hours : 06-02-2023 to 09-02-2023 (4 Days) 12. Period

Coordinators

Venue

13.

U.J - Duran

S.P.G.C. Nagar,

: Department of Biotechnology,

Kamaraj College of Engineering and Technology,

K. Vellakulam (Near Virudhunagar) - 625701

HOD/BT

Dean (Academic Courses)



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On

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In Association with Deepam Hospitals, Urapakkam, Chennai.

### **Enclosures:**

S. No	Particulars	Availability
1.	Institution Approval Copy	Yes
2.	Circular	Yes
3.	Syllabus Copy with Course Outcomes	Yes
4.	BoS Approval	Yes
5.	Three Member Committee MoM	Yes
6.	Geo-Tagged Photos	Yes
7.	Certificates of All Participants	Yes
8.	Examination Schedule	Yes
9.	Question & Answer Keys	Yes
10.	Attendance Sheet	Yes
11.	Evaluated Answer Scripts	Yes
12.	Test Report	Yes
13.	Mark Statement	Yes
14.	Grade Sheet	
15.	Feedback Form	Yes
16.	Feedback Analysis & Report	Yes
17.	Program Summary Report	Yes
18.	Students Oral Feedback (Video)	
19.	VAC – Short Video	

Coordinators

HOD/BT

S.P.G.Chidambara Nadar - C. Nagammal Campus, S.P.G.C. Nagar, K. Vellakulam - 625 701, Near VIRUDHUNAGAR, Madural District. Accredited by NAAC with 'A' Grade

### Submitted to the SECRETARY for approval through the PRINCIPAL

Book No.	BIOTECH	. 1
SL No. 65		Date 01 02 2023
Approval for	Value Added Rogre (2022 - 20	am fa 1 BT
Approval may	please be granted	to conduct Value
added program on	"Clinical Research or	nd Pharmacovligitance
From 6th to 9th Feb	ruary 2023 (Adays) Fe	on W Brech Biotech
students as a I	ndustry Certified Progra	am. The proposal
and budget is alt	ndustry Certified Progre rached for Verification	. The budget is
Rs. 49,800/ We	request you to pro	vide food,
refreshment and	accommodations of	or 2 resource
persons from 0	6.02,2023 \$ 09.02	.2023.
Kindly give	us permission to	s conduct the
Same. Inches	e us permission te	
2. 1Rgn	-	Sential 2?
3. Fold Signature of Faculty	Robert	PRINCIPAL
	OFFICE USE	
1) Budget allotted	: Value Ad	ided Com

2) Amount committed / Spent sofar

3) Balance available

OM

Treasurer

Secretary



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### DEPARTMENT OF BIOTECHNOLOGY Industry Certified Value-Added Course

### CLINICAL RESEARCH AND PHARMACOVIGILANCE

### In association with

### Deepam Hospital, Chennai.

### Objective:

The course provides students with

- An understanding of clinical research and its scope in drug discovery process
- Hands-on Training on tools related to Clinical Data Management and Pharmacovigilance

### Need for the Value-Added Program:

 The under-reporting of adverse drug reactions is the major setback worldwide which may be attributed to the lack of time and report forms. Administration of clinical trials, collection, analysis and coordinatation of data related to drug side effects play a major role in making legal decisions regarding branded drugs. This course will help the students in developing the skills required to work in the Clinical Research, Clinical Data Management and Pharmacovigilance.

### **Target Participants:**

Class: III B.Tech. Biotechnology (2020-24 Batch)

No. of students: 48

Duration: 4 Days (32 hours)

Tentative Dates: 6th to 9th February 2023

Program Coordinators: Dr. R. Baskaran, Dr. A. Ronaldo Anuf and Mr. Karl Joseph Samuel

### **Expected Outcome:**

- The student will learn the Practical aspects of important Pharmacovigilance activities as per the global standards.
- The students will acquire the necessary skills and knowledge to work in the Clinical Research Organizations.

### PROGRAM SCHEDULE

Day	09:10 AM to 10:50 AM	11:10 AM to 12:50 PM	01:30 PM to 05:30 PM
Day 1	Basic of Clinical Research- Overview	Basics of Clinical Pharmacology	Drug Development Process; Clinical Trial Design and trial Documents
Day 2	Ethics, Guidelines & Regulations; Roles and Responsibilities of CR professional	Overview of CDM; 21CFR part 11-EDC; CDISC Regulations, GCDMP; Protocol review and CRF design;	Database setup, design, and validation; Data entry and validation; Coding and dictionaries; Database lock
Day 3	Good Clinical Practice (GCP)	SAS® Pro	gramming.
Day 4	Pharmacovigilance – Aim, Roles	KPI, Databases	Naranjo Algorithm – PV Prediction

### BUDGET

S.No	Category	Particulars	Price (Rs.)	Total (Rs.)
1.	Course Fee	Rs. 1000 per Student inclusive of all taxes	48,000.00	48,000.00
2.	Certificates		800.00	800.00
3.	Miscellaneous		1000.00	1000.00
ГОТАІ				49,800.00

Program Coordinator(s)

1 HOD/BT

Principal



### DEEPAM HOSPITAL

(DECPAM HOSPITAL & WELLNESS ENTERPRISES)
(24 Hrs Accident & ICU Care Hospital)

No. 327, Mulhurangam Road, West Tambaram, Chennal-600 045. Phone: 044 - 4397 0201 / 4397 0202 / 83000 17171

30.01.2023

70 8

The Principal,

Kamaraj College of Engineering and Technology,

Virodhunagar.

### Training Fee - Clinical Research and Pharmacovigilance

Course Details

Four Days Hands on Training on Clinical Research and

Pharmacovigilance

Total Hours

30 hrs

Topics

Clinical Research, Data Management and Pharmacovigilance

Course Fee

Rs.1000 per Student (Inclusive of Taxes)

Total payment

48,000 (48 Students)

Training Date

06.02.2023 to 09.02.2023

### Accounts Details

A/C Name

Deepam Hospital and Wellness Enterprises

A/C No.

3218055001145

IFSC Code

ICIC 0003218

Bank

ICICI Bank

Branch

Urapakkam

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### DEPARTMENT OF BIOTECHNOLOGY

### CIRCULAR

KAMARAJ/BT/2022-23/VAP-III-BT/

Date: 04-02-2023

The Department of Biotechnology is organizing an Industry Certified Value Added Program on "CLINICAL RESEARCH AND PHARMACOVIGILANCE" in association with Deepam Hospital, Chennai, for III Year B. Tech Biotechnology Students. The 4 Days course is scheduled from 06<sup>th</sup> to 9<sup>th</sup> February 2023. The program schedule for Value added program is given below.

### Program Schedule

Day	09:10 AM to 10:50 AM	11:10 AM to 12:50 PM	01:30 PM to 05:30 PM
06-02- 2023	Basic of Clinical Research- Overview	Basics of Clinical Pharmacology	Drug Development Process; Clinical Trial Design and trial Documents
07-02- 2023	Ethics, Guidelines & Regulations; Roles and Responsibilities of CR professional	Overview of CDM; 21CFR part 11-EDC; CDISC Regulations, GCDMP; Protocol review and CRF design;	Database setup, design, and validation; Data entry and validation; Coding and dictionaries; Database lock
08-02- 2023	Good Clinical Practice (GCP)	SAS* Programming.	
08-02- 2023	Pharmacovigilance – Aim, Roles	KPI, Databases	Naranjo Algorithm – PV Prediction

Program Coordinators

HoD/RT

Principal

### Copy to:

- 1. B. Tech Biotechnology III Year Class
- 2. BT Faculty Members
- 3. Office Superintendent
- 4. To File

Course Code	Course Name	Credits
	CLINCAL RESEARCH AND	
	PHARMACOVIGILANCE	2

Category: Value added Course

### a Preamble

This course provides students

- Comprehensive practical knowledge of the clinical research and drug development processes, regulatory affairs and essential documentations.
- Training on clinical research and pharmacovigilance (PV) related issues.

### b. Course Outcomes

After successful completion of the course, the students will be able to

CO.No.	Course Outcome	Knowledge Level
CO1	Explain the regulatory requirements for conducting clinical trial	K2
CO2	Perform appropriate documentational requirements for Clinical trials	K3
CO3	Apply basic concepts of Pharmacovigilence	K3
CO4	Perform ADR reporting, methods and other tools used in Pharmacovigilence	K3
CO5	Analyse the adverse drug reaction and its management	K4

**Total: 30 Hours** 

### c. Course Syllabus

### CLINICAL RESEARCH

Basic of clinical Research including Overview, Basic of Clinical Pharmacology, Drug Development process; Clinical Trial Design and trial Documents; Ethics, Guidelines & Regulations; Roles and Responsibilities of CR professional, Forms Filing.

### 10

### CEINICAL DATA MANAGEMENT

Overview of CDM; 21CFR part 11-EDC; CDISC Regulations, GCDMP; Protocol review and CRF design; Database setup, design, and validation; Data entry and validation; Coding and dictionaries; Database lock. Good Clinical Practice (GCP), SAS® Programming.

### 10

### PHARMACOVIGILANCE

Aim, Roles, KPI, Databases, ICH Guidelines, Global PV Laws & Regulations, Medical coding, ICD-10, Naranjo Algorithm

### d. Learning Resources

### i. TEXT BOOKS

- Friedman, Lawrence M., Curt D. Furberg, David L. DeMets, David M. Reboussin, and Christopher B. Granger. Fundamentals of clinical trials. springer, 2015.
- Doan, Thao, Linda Scarazzini, Cheryl Renz, Fabio Lievano, and Mondira Bhattacharya, eds. *Pharmacovigilance: A Practical Approach*. Elsevier Health Sciences, 2018.

### ii. REFERENCE BOOKS

- Huang, Shiew-Mei, Juan JL Lertora, and Arthur J. Atkinson Jr, eds. *Principles of clinical pharmacology*. Academic Press, 2012.
- Orleans-Lindsay, Justina. Pharmacovigilance Medical Writing: A Good Practice Guide. John Wiley & Sons, 2012



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### Department of Bioechnology Sixth BoS Meeting Minutes

Date

: 10-03-2023

Time

: 10.00 AM

Venue \*

: Bioinformatics Laboratory, Dept of Biotechnology, KCET

Link (hybrid mode)

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The following members were present:

S.No	Name of the Expert	Designation	Capacity
1	Dr. S. Venkatesan	Professor & Head, Department of Petrochemical Technology, Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli- 620 024	Anna University Nominee
2	Dr. P. Suresh Kumar	Professor & Head, Department Of Biotechnology, University College Of Engineering, Bharathidasan Institute Of Technology Campus, Tiruchirappalli	Academic Council Nominee
3	Dr. R. Balakrishnaraja	Associate Professor and Head, Department Of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam	Academic Council Nominee
4	Mr. S. Seshan	Management Representative, The Peninsular Exports Company, Virudhunagar	Industrial Expert
5	Dr. Ilanila I.P.	Assistant Professor, School of Biotechnology, National Institute of Technology Calicut, Kerala	Alumni

S.No	Name of the Faculty	Designation	Signature
1	Dr. R. Shyam Kumar	Professor and Head	Polary
2	Dr. R. Baskaran	Associate Professor	do Congham
3	Dr. K. Geetha	Associate Professor	Klynth
4	Dr. S. Karthikumar	Associate Professor	2
5	Mr. S. Manibalan	Assistant Professor	459.
6	Dr. A. Ronaldo Anuf	Assistant Professor	thing.
7.	Dr. D. Pradiba	Assistant Professor	J8 - 25
8	Er. R. Amuthalakshmi	Assistant Professor	(au)
9	Er . K. Chitradevi	Assistant Professor	K. Clipation
10	Er. Karl Joseph Samuel	Assistant Professor	7.10
11	Er .A. Ganga	Assistant Professor	Aug 102

### 006.01.00: Welcome address by HoD

> Dr R Shyam Kumar, Prof and Head, Dept. of BT delivered the welcome address.

### 006.02.00: Introduction of BoS members and new Academic Council Nominee

> Dr R Shyam Kumar, Prof and Head, Dept. of BT introduced the members of BoS to each other and to the staff members of the department.

### 006.03.00: Approval of 5th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 5th BoS Meeting	Action Taken
1.	Summer Internship - students can visit any industry/ institute/ other educational organization/ research centre/ entrepreneurship activity	The proposed suggestion was accepted and included

006.05.01: Changes or corrections in the existing curriculum of R2020 and R2021

Existing	Corrections required and specify the reasons
Course Code & Name & Regulation	Nil
Course Code & Name & Regulation	Nil
Credit Adjustment	Nil
Course Code & Name & Regulation	Nil

### 006.05.02: NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

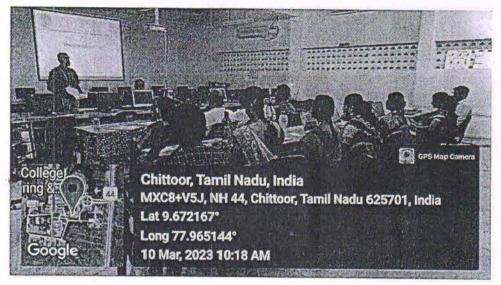
- > The Head of the department presented the results of NPTEL examination performed in the previous semesters and all the BoS experts appreciated the results.
- > Dr Venkatesan, Anna University Nominee suggested that the students who have failed should be given another chance to repeat the same NPTEL course again.
- The HoD explained the procedure followed by KCET COE (Controller of Examinations) to the members and the experts accepted it.

### 006.05.03: Value Added Courses offered if any

- ➤ Mr. S. Seshan enquired about the Management related value added courses (GLP, GMP) offered by the department and he also suggested to include the such courses as it would improve the job oppurtunities
- All the BoS members accepted his suggestion without any concern.
- The BoS co ordinator sought the ratification of the Value added course on Clinical trials and Pharmacovigilance and all the BoS experts accepted the content without any concern.
- ➤ Dr. R. Balakrishnaraja, Academic council nominee suggested to change the title of the Computer Aided Drug Designing (CADD) course and also suggested that the course is not apt for R2021 as it is already included in the curriculum

- ➢ BoS Coordinator informed about the latest amendments to include the above course in the 1<sup>st</sup> and 2<sup>nd</sup> semester. The courses are provided with one credit
- > The HoD presented the acheivments of students in extracurricular and cocurricular events.

  The members appreciated the acheivments and encouraged for more participations in future.





006.08.00: Vote of Thanks

➤ The meeting ended with the Vote of Thanks proposed by Dr.A.Ronaldo Anuf, Assistant Professor, Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhunagar.

BoS Coordinator
(Dr.A.Ronaldo Anuf)

BoS Chairman (Dr.R.Shyam Kumar) HoD/BT.



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### DEPARTMENT OF BIOTECHNOLOGY

### MINUTES OF MEETING TO APPROVE AND RECOMMEND THE VALUE ADDED PROGRAM EXAMINATION FOR CREDIT

Date

: 28-04-2023

Time \*

: 01:30 PM to 02:00 PM

Venue

: HOD Cabin, Department of Biotechnology

### Members Present

1. Dr. R. Shyam Kumar (HOD/BT & Convenor)

2. Dr. A. Ronaldo Anuf (AP/BT & Member)

3. Er. Karl Joseph Samuel (AP/BT & Member)

### Agenda

- 1. Welcome Address Dr. R. Shyam Kumar.
- 2. Dissemination of the report of Industry certified value added program on "Clinical Research and Pharmacovigilance" Dr. A. Ronaldo Anuf.
- 3. Dissemination of value added program guidelines in R2020 Er. Karl Joseph Samuel.
- Dissemination of the report on mode of conduct of examination and evaluation system

   Er. Karl Joseph Samuel.
- 5. Approval of the program conduct and examination evaluation system to issue the credit as per the regulation R2020.
- 6. Any other items with the approval of convener.



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### DEPARTMENT OF BIOTECHNOLOGY

### MINUTES OF MEETING TO APPROVE AND RECOMMEND THE

### VALUE ADDED PROGRAM EXAMINATION FOR CREDIT

Item No	Agenda	Discussion and Resolution
1.	Welcome Address	Dr. R. Shyam Kumar, Head and convenor of the meeting welcomed the gathering and gave a brief introduction about the purpose and agenda of the meeting
2.	Dissemination of the report of value added program	Dr. A. Ronaldo Anuf, AP/BT and one of the coordinator of the event explained the objective, need, target participant, duration and expected outcome of the program "Industry certified value added program on Clinical Research and Pharmacovigilance" organized from 06 February 2023 to 09 February 2023. The program was conducted for 3 <sup>rd</sup> year B. Tech Biotechnology students as per the regulation R2020. Resource persons from Deepam Hospital, Chennai provided technical training to the students during the program. Detailed event report is attached.
3.	Dissemination of the Value added Program Guidelines in R2020	Er. Karl Joseph Samuel, AP/BT and one of the coordinators of the event disseminated the points discussed in the BOS Meeting.  The syllabus for Value added course "Clinical Research and Pharmacovigilance" was ratified at the meeting.

Item No	Agenda	Discussion and Resolution
4.	Dissemination of the report on mode of conduct of the examination and evaluation system	Er. Karl Joseph Samuel, AP/BT explained the mode of conduct of examination. During the course of program, the students were assessed as internal assessment (for 100 Marks). Later a main exam covering 50 MCQs from Clinical Research and Pharmacovigilance was conducted in online mode with proper invigilation. The marks scored by each students were presented to the committee members for the approval
5.	Approval of the Program conduct and examination evaluation system to issue credit as per regulation R2020	The three member committee (Dr. R. Shyam Kumar, Dr. A. Ronaldo Anuf and Er. Karl Joseph Samuel) was formed to scrutinize the value added program exam results to approve and recommend for credit. The committee members verified the results and forwarded to Controller of Examination through Dean Academics to consider for 2 Credits.
6.	Any other items with the approval of convener	Hence, no members raised any further clarification, the meeting was end and the reports were forwarded for further process.

Er. Karl Joseph Samuel, AP/BT, Member Dr. A. Ronaldo Anuf,

AP/BT, Member

Dr. R. Shyam Kumar HOD/BT & Convener



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### DEPARTMENT OF BIOTECHNOLOGY

Industry Certified Value-Added Course

On

### CLINICAL RESEARCH AND PHARMACOVIGILANCE

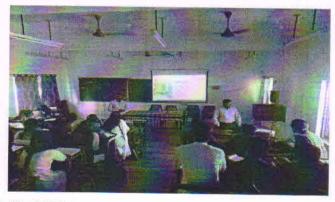
In association with

Deepam Hospital, Chennai. 06-02-2023 to 09-02-2023

### **PHOTOS**

DAY 1 (06-02-2023)





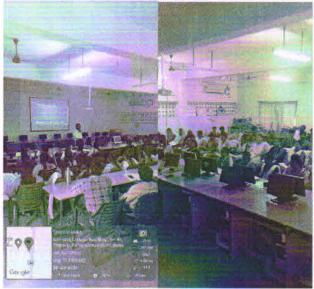
DAY 2 (07-02-2023)





### DAY 3 (08-02-2023)





DAY 4 (09-02-2023)









Program Coordinator(s)

Pohorf HOD/BT

SI.NO: DAMS/2022/300 / KCET / 200 BT 001







### DEEPAM ACADEMY OF MEDICAL SCIENCES FOUNDATION GANDHI Medi career

Has Conferred upon

SRIDIVYA.R, Dept of Brotechnology, Kamaraj College of Ergg & Tech, WAR (III-BT)

For having completed the training both practical and theory in

PHARMA COVIGILANCE AND PHARMACOVIGIL CLINICAL RESEARCH From 06-02-2023 To 09-02-2023 (32 hours)



SO 9001:2015



SI.NO: DAMS/2022/300/KCET/20UBT002





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

SUDHARSAN.M (III-BT), Dept of Brotechnology, Kamaral college of Ergo + Tech, Vnr

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06:02-2023 To 09-02-2023 (32 hours)







SI.NO: DAMS/2022/300 / KCET / 2008T 003





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

JEFFRY DANIEL.D (III-BT), Dept of Brotechnology, Kamaraj college of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMA COVIGILANCE

From Ob .. 02 .. 2023 To .09 .. 02 .. 2023





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Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

GIRITHARAN.S (III-BT), Dept of Brotechnology, Komaraj wollege of Figg & Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023 To 09-02-2023 (32 hours)







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Hedi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

SIVA SANKARI.K (III-BT), Dept of Brotechnology, Kamaray college of Figg & Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 08-02-2023 To 09-02-2023 (32 hours)







SI.NO: DAMS/2022/300/ KCE T / 20 UBT CO 6







### GANDHI Medi career

### **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

THILSATH MEERAL'S (III-BT), Dept. of Brotechnology, Komanaj vollege of Eng 4 Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023 To 09-02-2023





SI.NO: DAMS/2022/300 / KCET/20UBTOOS





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES** FOUNDATION

Has Conferred upon

FAHEEMA THAHASEEN. A (III-BT), BEPT of Brotechnology, Kamaray whege of Engs & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE From 06-02-2023 To 09-02-2023





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Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

SAND OSHMANI R (III-BT), Dept of Brotechnology, Kamaraj college of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023 To 09-02-2023







SI.NO: DAMS/2022/300/ KCET/2008TDIO





Hedi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

RAVINA R (III-BT), Dept of Brotechnology, Kamaraj College of Engl & Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIMILANCE From 06-02-2023. To .09-02-2023



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Medi career



### DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

MOULI MONISHA.V (III-BT), Dept of Brotochnology, Kamanaj college of 6789 & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023. To .03-02-2023







SI.NO: DAMS/2022/300 / KCET / 20 UBT012







### **DEEPAM ACADEMY OF MEDICAL SCIENCES** FOUNDATION Medi career

Has Conferred upon

ARAVIND. R (III-BT), Dept of Brotechnology, Kamaraj college of Ergs of Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHORMA COVIGILANCE

From 06-02-2023. To 09-02-2023





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SI.NO: DAMS/2022/300/ KCET/2008TOI3





Medi career



### DEEPAM ACADEMY OF MEDICAL SCIENCES

AKASH DEV . M. S (III-BT), Dept of Brotechnology, Kamaroy college of Engg & Tech, UNR

Has Conferred upon

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From .06 . 02 . 2023 To ... 09 - 02 - 2023







SI.NO: DAMS/2022/300/KCET/20UBTOI4





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

KEERTHI VASAN.V (III-BT), Dept of Brotechnology, Kamaray college of EBB of Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMA COVIGILANCE

From .06-02-2023. To Of-02-2023





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SI.NO: DAMS/2022/300/kce1/2008TOIS









# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

3T), Dept of Biotachnology, Kamaraj collage of Engg & Tech, UNR DINESH.R (III-BT),

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From O6 .. 02 .. 2023 To .. 09 - 02 - 2023





SO 9001:2015

SI.NO: DAMS/2022/300/KCET/20UBTOIL





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

BENITA MARGABET. L (III-BT), DEPE of Blotzchnology, Kamaraj College of Eng & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From Ob .. 02 - 2023. To Of - 02 - 2023





50 9001:201

SI.NO: DAMS/2022/300/ KCet/20UBT017





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

JASHINE KILDA. L (III-BT), Dept of Brotechnology, Kamaraj wulege of Eng of Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIGILANCE

From Chr. 02- 2023. To Of - 02 - 2023







SI.NO: DAMS/2022/300/kcet/2008TO18







### DEEPAM ACADEMY OF MEDICAL SCIENCES GANDHI Medi career

MADHUMITHA.K (III-BT), Dept of Brotzchnology, Kamaraj college of Ergg. & Tech, VNR

Has Conferred upon

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMA COVIGILANCE

From Ob-02-2023 To 09-02-2023





50 9001:2015

81.NO: DAM8/2022/300/kcer/20081019





Medi career



### DEEPAM ACADEMY OF MEDICAL SCIENCES FOUNDATION

Has Conferred upon

DEETITH NARTIYAL. M.S (III-BT), Dept. of Brotachnology, Komaray college of Engy & Tech, UNR

For having completed the training both practical and theory in

GLINICAL ... RESEARCH ... PIND PHARMA COVIUILANCE

From Ob.: 02.222. To .. 97.92.7023







SI.NO: DAMS/2022/300/ KCET /20UBT020





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

KAMALI.S (II-BT), Dept of Brotzchnology, Kamaraj college of Engg of Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023. To .09-02- 2023





50 9001:201

SI.NO: DAMS/2022/300/KCET/2008T021







### **DEEPAM ACADEMY OF MEDICAL SCIENCES** GANDHI Medi career

Has Conferred upon

SINDHUJA.S (II-BT), Dept. of Brotzchnology, Komaraj college of Ergg of Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMA COVIGILANCE From 06-02-2013. To 09-02-2023







SI.NO: DAMS/2022/300/ KCET / 20UBT 022





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

NITHYASREE. A (III-BT), DEPL of Brotechnology, Komaray college of Goog of Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH ... AND ... PHARMACOXIGILANCE

From O6 .. 02 .. 2023. To 09-02 . 2023







SI.NO: DAMS/2022/300 / KCET /20UBT023





Medi career



## **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

VARSHINIRAJI. P (III-BT), Dept of Brotzchnology, Kamaraj Wage of Grag of Tech, VNR

For having completed the training both practical and theory in

CLINICOL RESEARCH AND PHARMACONIGILANCE

From 06 .. 02 . 2023. To . 09 . 02 . 2023





SO 9001:2015

SI.NO: DAMS/2022/300/kcet/2008T024





Hedi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

ABINAVA. J - 19.1. Dept. of. Biotechnology. Kamaraj. Callege. Of. Frigg. 1. Jech. Virudhunagar

For having completed the training both practical and theory in

CLINICAL....RESEARCH..AND....PHARMACAXIGILANCE





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SI.NO: DAMS/2022/300/kCet/20vBT025





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

SAIBHAVADHARANI. B. - III. Dept. of Biotechnology, Kamaraj Callege of Eng & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACONIGILANCE

From . 96 .. 02 .. 22 .. 22. . 22.





SO 9001:2015



SI.NO: DAMS/2022/300/kcet/20vgt026





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

GOKULNATH 5-11, Dept of Biotechnology, Kamaraj College of Engg & Tech, UNR

For having completed the training both practical and theory in

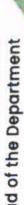
CLINICAL...RESERRAH...AND....PHARMACOXIGILANCE

From .06::02:.202.3To ..0.1:.02:.2023





SO 9001:2015



SI.NO: DAMS/2022/300/kCET/20vBT027





Medi career



## **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

SUBHIKSHA. S. III - DEPt. of Biatechnology, Kamaraj College of Engg & Tech, UNR

For having completed the training both practical and theory in

CHINICAL BESERRCH BND DHARMACRYJALLANCE

From Da: 02-3023 To 09-02-2023







SI.NO: DAMS/2022/300/kCET/20UBT028





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

VARSHA.G.V.-III, Dept. of Biotechnology, Kamaraj College of Engg > Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACONIGILANCE

From Ob-02-2023 To .09-02-2023





SO 9001:2015

Head of the Department

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SI.NO: DAMS/2022/300/kCET/20VBTD29





**M**edi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

RINISHA. A- TIL, Dept. of Biotechnology, Kamaraj. college. of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND DHARMACOVIGILANCE

From 06-62-2023 To .. 09-02-2023





50 9001:2015

SI.NO: DAMS/2022/300/KCET /2008T030





Medi career



### **DEEPAM ACADEMY OF MEDICAL SCIENCES** FOUNDATION

NARASINGAM. A- U. Dept of Biotechnology, Kamaraj College of Engg & Tech, UNR

Has Conferred upon

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIGILANCE

From 06-02-2023 To .09-02-2023



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SI.NO: DAMS/2022/300/kcet/2008/034





Medi career



## **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

JOHN PAUL HUDSON. S-W, Dept of Biotechnology, Kamaraj college of Enggs Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-62-2023To 04-02-2023

50 9001:201

SI.NO: DAMS/2022/300/kcer/2008T032





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

JEGADEESH.M-III, Dept of Biotechnology, Kamaraj college of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2223To .09-02-2023







SI.NO: DAMS/2022/300/kcet/2008T033





Hedi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

VAIRAMUTHU.P-III, Dept of Biotechnology, Kamaraj college of Engg & Tech,

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023 To .D. D. D. 25-2023





SO 9001:2015

SI.NO: DAMS/2022/300/kcet/2008T034





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

VAISHAALI. A. M.-III, Dept of Biotechnology, Kamaray College of Engg & Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIGILANCE From 06-02-2023 To .09-02-2023





SO 9001:2015



SI.NO; DAMS/2022/300/kcet/2008T03S





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

YOGASRI-M-111, Dept of Biotechnology, Kamaraj College of Engg & Teth, UNR Has Conferred upon

For having completed the training both practical and theory in

From 06-02-2023 To 09-02-2023

CLINICAL RESEARCH AND PHARMACOVIGILANCE





30 9001:201

SI.NO: DAMS/2022/300/kcet / 2008T036







### DEEPAM ACADEMY OF MEDICAL SCIENCES GANDHI Medi career

Has Conferred upon

BOOJITHA. E-III, Dept of Biotechnology, Kamasaj College of Engg > Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIGILLANCE

From Ob. 22. 22.3 To .. 09-0.2. 2023







SI.NO: DAMS/2022/300/kcet/20UBT037





Medi career



## **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

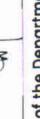
LAMIYA BANU. M-III, Dept of Biotechnology, Kamaraj College of Engg. & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESERRCH AND PHARMACOVIGILANCE







SO 9001:201

SI.NO; DAMS/2022/300/kcet/2008T038





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

VARSHA. E. - III, Dept of Biotechnology, Kamaraj College of Engg > Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06:02:2013 To ..0.7:02:2023







SI.NO: DAMS/2022/300/kcet/20vBT039





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

SAKTHI SUREGA. P-11, Dept of Biotechnology, Kamaray College of Engg > Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From Oh :: 02 :: 2023 To .: 0.9 :: 02. 2.0.2





Head of the Department



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SI.NO: DAMS/2022/300/kCET/2DVBT040





Medi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

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GOWSALYA.K. III, Dept of Biotechnology, Kamaraj College of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From Ob. 62. 20.13. To . 02. 6.2. 20.23





SI.NO: DAMS/2022/300/kcet/2008T042







### GANDHI Medi career

Has Conferred upon

DEEPAM ACADEMY OF MEDICAL SCIENCES

VINODHINI .R-12 , Dept of Biotechnology, Kamaraj College of Engg & lech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2013 To 09-02-2023





SO 9001:2015

SI.NO: DAMS/2022/300/HCET/2008T043





Medi career



### DEEPAM ACADEMY OF MEDICAL SCIENCES FOUNDATION

Has Conferred upon

CERLICLADIYA.P-III, Dept of Biotechnology, Kamasaj College of Engg & Tech, VNR

For having completed the training both practical and theory in

From D6: 02 - 2023 To .. 09-02-2023

CUNICAL RESEARCH AND PHARMACOVIGILANCE





SO 9001:2015

SI.NO: DAMS/2022/300/kcet/2008T044





Hedi career



# **DEEPAM ACADEMY OF MEDICAL SCIENCES**

Has Conferred upon

SHANKAR GANESH. M. V-111, Dept of Biotechnology, Kamaraj College of Engg & Tech, UNF

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 96:02-2013 To ...09-02-2023





SO 9001:2015

SI.NO: DAMS/2022/300/kcet/2008t045





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

HARSINI.S-III. Dept. of Birtechnalogy, Kamaraj College of Engg > Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From 06-02-2023 To 09-02-2023









SI.NO: DAMS/2022/300/kcet/2008t046





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

PRASANNA VENGATESH.V- 111/Dept of Biotechnology, Kamaraj College of Engg & Tech, UNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE

From D.b : 62: 262.3 To .0.1-02: 202.3





SO 9001:2015

SI.NO: DAMS/2022/300/kcer/20087049





Medi career



# DEEPAM ACADEMY OF MEDICAL SCIENCES

Has Conferred upon

NITHYASHREE. S. R. III, Dept. of Birtechnology, Kamaraj College of Engg & Tech, VNR

For having completed the training both practical and theory in

CLINICAL RESEARCH AND PHARMACOVIGILANCE







SO 9001:2015



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

### DEPARTMENT OF BIOTECHNOLOGY

### CIRCULAR

KAMARAJ/BT/2022-23/VAP-III-BT/

Date: 18-04-2023

The online assessment examination for the value-added programme on "Clinical

Research and Pharmacovigilance" is scheduled for 20 April 2023 from 1.45 PM to 3.15 PM.

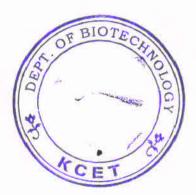
The following instructions are to be followed

- 1. All students should take the examination by using a laptop
- 2. Join the link 10 minutes before the commencement of the examination
- 3. Students who attended the VAP programme are only eligible to take the test.
- 4. The test will be conducted in proctored mode
- 5. Question paper pattern MCQ 50. ( $50 \times 1 = 50$  Marks)

### Test Link:

https://bit.ly/kcetiiibtvap2223

Program Coordinators



HoD/BT

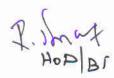
### Copy to:

- 1. B. Tech Biotechnology III Year Class
- 2. BT Faculty Members
- 3. Office Superintendent
- 4. To File

### Value Added Program Examination - Cinical Trials and Pharmacovigilance (2022-23)

N. Own	***	24.5 005 ac*
46	43.9	Active
Responses	Average Score	Status
*		
Which of the following are 87% of respondents (40 of 46) ar	not correct on the basis of clinical trials asswered this question correctly.	s? (1 point)
a) Biomedical research studies	4	I research studies: 4 (9%)
b) Behavioral research studies	2	/
c) Studies on human subjects	0	
d) Study based only on animals	40 🗸	
98% of respondents (45 of 46) ar  a) Investigated drug	0	
b) Investigation Application	1	
c) Investigation of New Drug Ap	45 🗸	
d) Under Investigation	0	
What is meant by a blind so 89% of respondents (41 of 46) are a) The subjects do not know whi  b) Patients injected with placeb	iswered this question correctly.	
C) Fake treatment	1	
S Signal day was to fall a second		

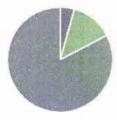
Roox dinators



### 4. What is placebo? (1 point)

83% of respondents (38 of 46) answered this question correctly.

- a) The subjects do not know whi... 2
- b) Patients injected with placeb... 6
- c) Fake treatment
- 38
- d) Signed document of the recr... 0



### 5. What is informed consent in a clinical trial? (1 point)

96% of respondents (44 of 46) answered this question correctly.

- PAC
- a) The subjects do not know whi... 0
- b) Patients injected with placeb... 0
- c) Fake treatment
- d) Signed document of the recr... 44



### 6. Which one of the following is the last step of a clinical trial process? (1 point)

89% of respondents (41 of 46) answered this question correctly.

- a) Investigator selection
- 0
- b) Patient recruitment
- 13
- c) Statistical Analysis
- d) Data filed and registration

### 7. How many people will be selected for phase I trial? (1 point)

2

44

96% of respondents (44 of 46) answered this question correctly.

- a) The whole market will be und... 0
- b) 300-3000 people
- c) 20-300 people
- d) 20-50 people

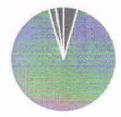


### 8. Which of the following country is the most attractive location to perform clinical trials outside the United States?

91% of respondents (42 of 46) answered this question correctly.

(1 point)

- a) India
  - 9-41f
- b) China
- c) United Kingdom
- d) Germany

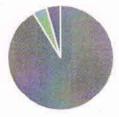


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P. hop/Br

### In which phase pharmacodynamics and pharmacokinetics of a drug are studied? (1 point) of respondents (42 of 46) answered this question correctly.

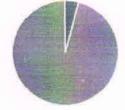
- a) Phase I 42
- b) Phase II
- d) Phase IV



### 10. What is the full form of SAD? (1 point)

96% of respondents (44 of 46) answered this question correctly.

- a) Secure Assessing dose 2
- b) Single Ascending Dose
  - 44
- c) Sodium Ascending Dose
  - Dose 0
- d) Single Amount Dose



### 11. What is the full form of MAD? (1 point)

100% of respondents (46 of 46) answered this question correctly.

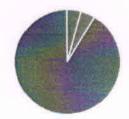
- a) Multiple Ascending Dose 46
- b) Managing Abnormalities Dose 0
- c) Managing absorption dose
- d) Managing Assimilation Dose



### 12. Which of the trial phase is for pharmacovigilance? (1 point)

91% of respondents (41 of 45) answered this question correctly.

- a) Phase I
- b) Phase II
- c) Phase III
- U
- d) Phase IV
- . . . . . . .



### 13. What is GCP? (1 point)

100% of respondents (46 of 46) answered this question correctly.

- a) Good cooperation project
- b) Good clinical practice
  - ical practice 46
- c) Good cleanliness practice
- d) Good Constructor provider



I fruf HOD/BT 14. GCP include protection of Human rights as a subject in a clinical trial. (1 point)

100% of respondents (46 of 46) answered this question correctly.

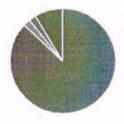




15. What does the symbol Rx mean? (1 point)

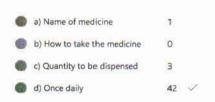
87% of respondents (40 of 46) answered this question correctly.

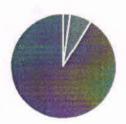
*	
a) To take	40 🗸
b) Should date	1
C) How to take	1
d) What to take	4



16. What does the abbreviation o.d? means on a prescription? (1 point)

91% of respondents (42 of 46) answered this question correctly.





17. How many diagnosis and CPT codes are reported on the ambulatory care records on the examinations?

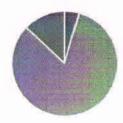
83% of respondents (38 of 46) answered this question correctly.

(1 point)

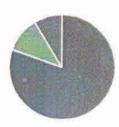
(1

point)





18. A patient undergoes a colonoscopy for possible polyp removal. By hot biopsy forceps, a polyp is removed from the descending colon, and by snare technique, a polyp is removed further up just into the transverse colon. What CPT code(s) are reported by the FACILITY? 80% of respondents (37 of 46) answered this question correctly.



a.) 45385, 45384-59

b.) 45384, 45385-51

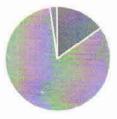
c.) 45385

d) 45384

19. For question #2 what code (s) would be reported for the SURGEON? (1 point)

15% of respondents (7 of 46) answered this question correctly.

- a.) 45385, 45384-59
- b.) 45385, 45384-51
- 38
- c.) 45385
- 0
- d.) 45384



20. Double osteotomy bunionectomy to correct severe hallux valgus of the left first metatarsal with 0.062 K wire fixation and application of cast.

93% of respondents (43 of 46) answered this question correctly.



- a.) 28296-TA
- b.) 28299-TA
- c.) 28296-TA, 29425-TA
- d.) 28299-LT

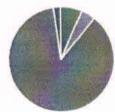


21. Esophagogastroduodenoscopy with dilation of the esophagus over a guide wire at same operative episode.

87% of respondents (40 of 46) answered this question correctly.

point)

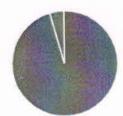
- a.) 43453, 43235-59
- b.) 43226, 43235-59
- c.) 43248
- 40 V
- d.) 43456, 43235



22. Excision of 6-cm inclusion cyst of left neck located below the fascia, entire dissection of tumor from the subfascia; closure of deep fascia with 3-0 Vicryl; skin closed with 4-0 Maxon. point) Steri-strips were applied.

96% of respondents (44 of 46) answered this question correctly.

- a.) 21556
- 44
- b.) 11426, 12042-59
- (a) 11426
- d.) 21557



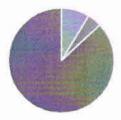
23. A patient with thoracic vertebral fractures of the spine presents for a percutaneous (1 vertebroplasty. A needle is inserted through the right pedicle of the T7 and T8 vertebral body point) defects and methyl methacrylate is injected. The procedure was done under fluoroscopic guidance. What codes are reported for the facility?

87% of respondents (40 of 46) answered this question correctly.

- a.) 22305, 76013-TC
- n
- b.) 22325, 76012-TC
- 4
- c.) 22305, 76012-TC

(a) 22520, 22522, 76012-TC

- 2
- 40



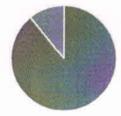
24. Supervision and interpretation (professional component) for one view study of the ankle provided by the physician.

89% of respondents (41 of 46) answered this question correctly.

point)

point)

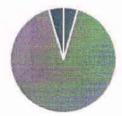
- a.) 73600-52-26
- 41 🗸
- b.) 73600
- 5
- @ c.) 76499-26
- 0



25. Laboratory components of calcium (82310), carbon dioxide (82374), chloride (82435), creatinine (82565), glucose (82947), potassium (84132), sodium (84295), and nitrogen-BUN (84520) compose what panel?

91% of respondents (42 of 46) answered this question correctly.

- a.) No panel, code all as individu... 2
- b.) 80048, basic metabolic panel
   42
- c.) 80050, general health panel
- d.) 80051, electrolyte panel 2



26. A patient complains of severe lower back and leg pain, which are not responding to conservative treatment. A lumbar caudal injection is given with three injections at the left L4-L5 level for pain relief.

93% of respondents (43 of 46) answered this question correctly.

point)

a.) 62289-LT

0

b.) 62311-LT

42 /

c.) 62273-LT

0.41

d.) 62311-LT, 62311-LT, 62311-LT 3

Will they show

P. short 1+0A/BT

	Critical care given for less than 30 mi	nutes total duration	on a given	date should be
	reported as:			

point)

9% of respondents (4 of 46) answered this guestion correctly.



### b.) The appropriate evaluation a... 39

C.) 99285

### 33. Strabismus surgery. Recession of medial rectus muscle of left eye; strabismus surgery on superior oblique muscle of right eye.

point)

98% of respondents (45 of 46) answered this question correctly.

a.) 67312-LT

6 b.) 67311-LT-51

C.) 67311-LT, 67318-LT

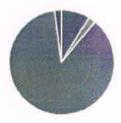


### 34. The patient undergoes a right endoscopic total ethoidectomy, septoplasty with submucous (1 resection.

point)

87% of respondents (40 of 46) answered this question correctly.

- a.) 31255-RT, 31256-RT
- b.) 31201-RT, 31020-RT
- C.) 30520-RT, 31255-RT
- d.) 31255-RT



### 35. A patient has several calculi of the right and left ureter. A laparoscopic surgical ureterolithotomy is performed and 2 calculi are taken from the left side, 3 from the right.

(1 point)

91% of respondents (42 of 46) answered this question correctly.

- a.) 50945-50
- b.) 50945-LT-RT
- c.) 50945-LT, 50945-LT, 50945-R... 1

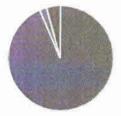


### 36. Which of the following muscular valve controls the flow of digestive juice from the hepatopancreatic duct to the duodenum?

93% of respondents (43 of 46) answered this question correctly.

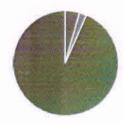
(1 point)

(a) Sphincter of Oddi 43 (b) Semilunar valve 0 (c) Ileocaecal valve 1 (d) Pyloric sphincter 2



### 37. Which of the following is present on the surface of intestinal epithelial cells? (1 point) 93% of respondents (42 of 45) answered this question correctly.

(a) Zymogen granules
(b) Pinocytic vesicles
(c) Phagocytic vesicles
(d) Microvilli
42



### 38. Lungs are enclosed within (1 point)

98% of respondents (45 of 46) answered this question correctly.

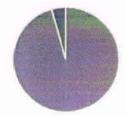
(a) Perichondrium 0
(b) Periosteum 0
(c) Pleural membrane 45 ✓
(d) Pericardium 1



### 39. The maximum amount of urea is present in (1 point)

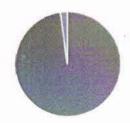
96% of respondents (44 of 46) answered this question correctly.

(a) Dorsal Aorta
 (b) Hepatic Vein
 (c) Renal Vein
 (d) Hepatic Portal Vein



### 40. Which of the following organs is known as the "graveyard" of RBCs? (1 point) 98% of respondents (45 of 46) answered this question correctly.

(a) Spleen 45 (b) Kidney 1 (c) Liver 0 (d) Gall bladder 0



Sold Should have

Pilmot HOD 187

### 41. Which of the following organs contains the 'Bundle of His'? (1 point)

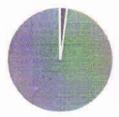
96% of respondents (44 of 46) answered this question correctly.

- (a) Pancreas
- 0
- (b) Brain
- (c) Kidney (d) Heart
- 44 🔍

### 42. Heartbeat originates from the (1 point)

98% of respondents (45 of 46) answered this question correctly.

- (a) papillary muscles
- (b) SA node
- 45 V
- (c) AV node
- (d) Purkinje fibres



### 43. Which of the following features is common in both humans and adult frogs? (1 point)

89% of respondents (41 of 46) answered this question correctly.

- (a) Internal fertilization
- (b) Ureotelic mode of excretion
- (c) Nucleated RBCs
- (d) Four chambered heart

### 44. The basic functional unit of a human kidney is known as (1 point)

96% of respondents (44 of 46) answered this question correctly.

- (a) Nephron
- (b) Pyramid

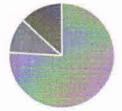
(d) Nephridia

- (c) Henle's loop nephron

### 45. Single uriniferous tubule does not contain (1 point)

76% of respondents (35 of 46) answered this question correctly.

- (a) Loop of Henle
- 0
- (b) Collecting duct
- (c) Distal convoluted tubule
- (d) Bowman's capsule



### 46. Which of the following joints is immovable? (1 point)

74% of respondents (34 of 46) answered this question correctly.

- (a) Fibrous joint
- 34
- (b) Synovial joint
- (c) Cartilaginous joints
- (d) Ball and Socket joint

### 47. The middle portion of the human sperm contains (1 point)

87% of respondents (40 of 46) answered this question correctly.

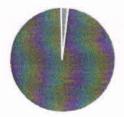
- (a) Nucleus
- (b) Proteins
- (c) Centriole

(d) Mitochondria

### 48. Which of the following is the correctly matched pair of an organ and muscles present in the (1 point) organ?

98% of respondents (45 of 46) answered this question correctly.

- (a) Intestine striated and invol... 0
- (b) Upper arm smooth muscle ... 1
- (c) Heart involuntary and unstr... 0
- (d) Thigh striated and voluntary 45



### 49. Cartilage at the end of long bones is (1 point)

78% of respondents (36 of 46) answered this question correctly.

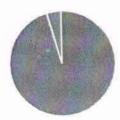
- (a) Calcified cartilage
- (b) Fibrous cartilage
- (c) Hyaline cartilage (d) Elastic cartilage

0

### 50. A deltoid ridge is present in (1 point)

96% of respondents (44 of 46) answered this question correctly.

- (a) Humerus
- 44
- (b) Femur
- (c) Radius
- (d) Ulna





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### Department of Biotechnology

# Value Added Course on "Clinical Research and Pharmacovigilance"

### Attendance

Register	Student Name	06-02-2023	2023	07-0	07-02-2023	08-02	08-02-2023	09-02	09-02-2023	Total	Attendance
Number		FN	AN	FN	AN	FN	AN	FN	AN	32	0/
00420TIBT001	2011BT001 92042011BT001 SRIDIVYA.R	4	4	4	4	4	4	4	4	32	100.00
0042011BT002	201 BT 1002   9204201 BT 1002   STIDHARSAN M	0	0	4	4	4	4	4	4	24	75.00
0420UBT003	201 BT003 9204201BT003 JEFFRY DANIEL.D	4	4	4	4	4	4	4	4	32	100.00
004201IBT004	2011BT004 92042011BT004 GIRITHARAN.S	4	4	4	4	4	4	4	4	32	100.00
2042011BT005	200 BTOOK 9204201BTOOK SIVA SANKARI.K	4	4	4	4	4	4	4	4	32	100.00
2042011BT006	201 IRTOG   9204201 IRTOG   THILSATH MEERAL.S	4	4	4	4	4	4	4	4	32	100.00
2011BT007 92042011BT007 GOBIKA.G	GOBIKA.G	4	4	4	4	0	0	0	0	16	50.00
204201JBT008	2011BT008 92042011BT008 FAHEEMA THAHASEEN.A	4	4	4	4	4	4	4	4	32	100.00
20420UBT009	2011BT009 920420UBT009 SANDOSHMANI.R	4	4	4	4	4	4	4	4	32	100.00
2011BT010 9204201JBT010 RAVINA.R	RAVINA.R	4	4	4	4	4	4	4	4	32	100.00
2042011BT011	2011BT011 92042011BT011 MOULT MONISHA.V	4	4	4	4	4	4	4	4	32	100.00
2011BT012 920420UBT012	ARAVIND.R	4	4	4	4	4	4	4	4	32	100.00
20420UBT013	2011BT013 920420UBT013 AKASH DEV.M.S	4	4	4	4	4	4	4	4	32	100.00
20420UBT014	2011BT014 920420UBT014 KEERTHI VASAN.V	4	4	4	4	4	4	4	4	32	100.00
2011BT015 92042011BT015 DINESH.R	DINESH R	0	0	4	4	4	4	4	4	24	75.00
20420LIBT016	2018 TO 16 92042018 TO 16 BENITA MARGARET.	4	4	4	4	4	4	4	4	32	100.00
20420UBT017	2011BT017   920420UBT017 JASMINE KILDA.L	4	4	4	4	4	4	4	4	32	100.00
20420UBT018	2013BT018 920420UBT018 MADHUMITHA.K	4	4	4	4	4	4	4	4	32	100.00
204201JBT019	2011BT019 9204201JBT019 DEEJITH NAATIYAAL.M.S	4	4	4	4	4	4	4	4	32	100.00
2011BT020 92042011BT020 KAMALLS	KAMALIS	4	4	4	4	4	4	4	4	32	100.00
12042011RT021	ALLINDHILLA S	4	4	4	4	4	4	4	4	32	100.00
2042011BT022	2011BT022 92042011BT022 NITHYASREE.A	4	4	4	4	4	4	4	4	32	100.00
2042011BT023	200 E102 200 E200 E102 VARSHINIRA JI.P	4	4	4	4	4	4	4	4	32	100.00
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### Department of Biotechnology

Value Added Course on "Clinical Research and Pharmacovigilance"

### Attendance

39	78		4 0		40		000	2000	20 00	2000	F	
Roll	Register	Student Name	06-02-2023	2023	07-02	07-02-2023	08-07-7073	-2023	2707-70-60	-2023	lotal	Attendance
Number	Number		FN	AN	FN	AN	FN	AN	FN	AN	32	•/
20UBT027	20UBT027 920420UBT027 SUBHIKSHA.S	SUBHIKSHA.S	4	4	4	4	4	4	4	4	32	100.00
20UBT028	20UBT028 920420UBT028 VARSHA.G.V	VARSHA.G.V	4	4	4	4	4	4	4	4	32	100.00
20UBT029	20UBT029 920420UBT029 RINISHA.R	RINISHA.R	4	4	4	4	4	4	4	4	32	100.00
20UBT030	920420UBT030	20UBT030 920420UBT030 NARASINGAM.R	4	4	4	4	4	4	4	4	32	100.00
20UBT031	920420UBT031	20UBT031 920420UBT031 JOHN PAUL HUDSON.S	4	4	4	4	4	4	4	4	32	100.00
20UBT032	20UBT032 920420UBT032 JEGADEESH.M	JEGADEESH.M	4	4	4	4	4	4	4	4	32	100.00
20UBT033	920420UBT033	20UBT033 920420UBT033 VAIRAMUTHU.P	4	4	4	4	4	4	4	4	32	100.00
20UBT034	920420UBT034	20UBT034 920420UBT034 VAISHAALI.A.M	4	4	4	4	4	4	4	4	32	100.00
20UBT035	20UBT035 920420UBT035 YOGASRI.M	YOGASRI.M	4	4	4	4	4	4	4	4	32	100.00
20UBT036	20UBT036 920420UBT036 BOOJITHA.E	BOOJITHA.E	4	4	4	4	4	4	4	4	32	100.00
20UBT037	920420UBT037	20UBT037   920420UBT037   LAMIYA BANU.M	4	4	4	4	4	4	4	4	32	100.00
20UBT038	20UBT038 920420UBT038 VARSHA.E	VARSHA.E	4	4	4	4	4	4	4	4	32	100.00
20UBT039	920420UBT039	20UBT039 920420UBT039 SAKTHI SUREGA.P	4	4	4	4	4	4	4	4	32	100.00
20UBT040	20UBT040 920420UBT040 GOWSALYA.K	GOWSALYA.K	4	4	4	4	4	4	4	4	32	100.00
20UBT041	20UBT041 920420UBT041 MINUSHA.S	MINUSHA.S	0	0	0	0	0	0	4	4	8	25.00
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20UBT043	920420UBT043	20UBT043 920420UBT043 CERLICLADIYA.P	4	4	4	4	4	4	4	4	32	100.00
20UBT044	920420UBT044	20UBT044 920420UBT044 SHANKAR GANESH.M.V	4	4	4	4	4	4	4	4	32	100.00
20UBT045	20UBT045 920420UBT045 HARSINI.S	HARSINI.S	4	4	4	4	4	4	4	4	32	100.00
20UBT046	920420UBT046	20UBT046 920420UBT046 PRASANNA VENGATESH.V	4	4	4	4	4	4	4	4	32	100.00
20UBT047	920420UBT047	20UBT047 920420UBT047 AASIF HUSSAIN	4	4	0	0	0	0	0	0	8	25.00
20UBT049	920120UBT049	20UBT049 920120UBT049 NITHYASHREE.S.R	4	4	4	4	4	4	4	4	32	100.00

Coordinators



ADLUAGES OF BUGINGERINGS OF THINOLOGY
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8.F.G. Chegar, K. Vellehulam - 828 707, (Near VIRUDHUNAGAR).

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8.P.G.C Nagar, K. Vellakulam - 225 701, (Near VIRUDHUNAGAR).

# DEPARTMENT OF BIOTECHNOLOGY

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# DEPARTMENT OF BIOTECHNOLOGY

Industry Certified Value-Added Course

Ou CLÍNICAL RESEARCH AND PHARMACOVIGILANCE"

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Review: Value Added Program Examination - Cinical Trials and Pharmacovigilance (2022-23)

VARSHINI RAJI.P(BT)

38/50

Points

26:25

Time to complete

Respondent

✓ Correct 1/1 Points	1 /1 pt Auto-graded
1. Which of the following are not correct on the basis of clinical trials?	
a) Biomedical research studies	
b) Behavioral research studies	
c) Studies on human subjects	
d) Study based only on animals	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
2. What is the full form of IND?	
a) Investigated drug	
b) Investigation Application	
c) Investigation of New Drug Application	
( ) Under Investigation	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
3. What is meant by a blind subject?	Auto-graded
a) The subjects do not know which study treatment they receive	
b) Patients injected with placebo and active doses	
c) Fake treatment	
d) Signed document of the recruited patient for the clinical trial procedures	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
4. What is placebo?	
a) The subjects do not know which study treatment they receive	
(ii) Patients injected with placebo and active doses	
○ c) Fake treatment ✓	
d) Signed document of the recruited patient for the clinical trial procedures	

✓ Correct 1/1 Points	Auto-graded
5. What is informed consent in a clinical trial?	
a) The subjects do not know which study treatment they receive.	
b) Patients injected with placebo and active doses	
C) Fake treatment	
d) Signed document of the recruited patient for the clinical trial procedures	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
6. Which one of the following is the last step of a clinical trial process?	
a) Investigator selection	
( b) Patient recruitment	
c) Statistical Analysis	
(a) Data filed and registration 🗸	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
7. How many people will be selected for phase I trial?	
a) The whole market will be under surveillance	
( b) 300-3000 people	
() 20-300 people	
(iii) 20-50 people 🗸	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
8. Which of the following country is the most attractive location to perform clinical trials outside the United States?	
a) India	
(a) b) China √	
c) United Kingdom	
( ) d) Germany	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
9. In which phase pharmacodynamics and pharmacokinetics of a drug are studied?	77 (1 apr 1 ) 202
( a) Phase I	
○ b) Phase II	
C) Phase III	
d) Phase IV	

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V Marian III I I I I I I I I I I I I I I I I I	Auto-graded
10. What is the full form of SAD?	
a) Secure Assessing dose	
(a) b) Single Ascending Dose √	
c) Sodium Ascending Dose	
( ) Single Amount Dose	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
11. What is the full form of MAD?	
a) Multiple Ascending Dose	
( b) Managing Abnormalities Dose	
c) Managing absorption dose	
d) Managing Assimilation Dose	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
12. Which of the trial phase is for pharmacovigilance?	
a) Phase I	
b) Phase II	
C) Phase III	
Ø d) Phase IV   ✓	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
13. What is GCP?	
a) Good cooperation project	
⑤ b) Good clinical practice ✓	
C) Good cleanliness practice	
( ) d) Good Constructor provider	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
14. GCP include protection of Human rights as a subject in a clinical trial.	ž
( a) True V	
( ) b) False	

1 /1 pt

X Incorrect 0/1 Points	0 / 1 pt Auto-graded
15. What does the symbol Rx mean?	
a) To take 🗸	
b) Should date	
C) How to take	
(a) What to take	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
16. What does the abbreviation o.d? means on a prescription?	
a) Name of medicine	
b) How to take the medicine	
c) Quantity to be dispensed	
⊕ d) Once daily ✓	
X Incorrect 0/1 Points	0 / 1 pt Auto-graded
17. How many diagnosis and CPT codes are reported on the ambulatory care records on the examinations?	
a) 4 diagnosis, as many CPT procedures as necessary	
(i) 4 diagnosis, 4 CPT procedure codes ✓	
C) As many codes as necessary in both categories	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
18. A patient undergoes a colonoscopy for possible polyp removal. By hot biopsy forceps, a polyp is removed from the descending colon, and by snare technique, a polyp is removed further up just into the transverse colon. What CPT code(s) are reported by the FACILITY?	
a) 45385, 45384-59	
( b.) 45384, 45385-51	
○ c) 45385	
(d) 45384	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
19. For question #2 what code (s) would be reported for the SURGEON?	
(a) 45385, 45384-59 🗸	
(b) 45385, 45384-51	
C) 45385	
(d) 45384	

/1 pt

1272	Auto-graded
24. Supervision and interpretation (professional component) for one view study of the ankle provided by the physician.	
a.) 73600-52-26 🗸	
(a) b.) 73600	
C) 76499-26	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
25. Laboratory components of calcium (82310), carbon dioxide (82374), chloride (82435), cre- atinine (82565), glucose (82947), potassium (84132), sodium (84295), and nitrogen-BUN (84520) compose what panel?	*
a.) No panel, code all as individual codes	
b.) 80048, basic metabolic panel	
C) 80050, general health panel	
d) 80051, electrolyte panel	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
26. A patient complains of severe lower back and leg pain, which are not responding to conservative treatment. A lumbar caudal injection is given with three injections at the left L4-L5 level for pain relief.	risio giadea
a.) 62289-LT	
⑤ b) 62311-LT ✓	
○ c.) 62273-LT	
( d.) 62311-LT, 62311-LT	
× Incorrect 0/1 Points	0 /1 pt
27. The following is true in relation to the CPT coding of lysis of adhesions:	Auto-graded
a.) Always code lysis of adhesions when mentioned	
b.) An additional code is assigned only when the adhesions are extensive and required additional resources to complete the surgery	
c.) No code is ever necessary as procedure includes all lysis of adhesions	
d.) Assign the code for lysis of adhesion with modifier –59	

× Incorrect 0/1 Points

	✓ Correct 1/1 Points	1 /1 pt Auto-graded
28	Which HCPCS modifier is used to indicate cancellation of surgery after anesthesia due to poor patient condition?	
	a.) No modifier is used because the procedure is already started	
	○ b)-73	
	(a) c)-74 ✓	
	( d)-52	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
29	Which national code is used to report administration of Ampicillin sodium, 500 mg IV?	
	( a) 96410	
	(a) b.) J0290 ✓	
	( c) 36000	
	(a) A code from range 99201-05, or 99211-15	
	X Incorrect 0/1 Points	0 /1 pt Auto-graded
30	<ol> <li>Patient receives a 60 sq cm split thickness skin graft for extensive partial skin thickness wounds on the arm with excisional preparation of the site performed.</li> </ol>	= =
	(a) 15000, 15100 🗸	
	(ii) b.) 15100	
	○ c.) 14300, 15000	
	( d.) 13160	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
3	1. Surgeon A performs a surgical procedure early in the morning. Later that day, the patient experiences	Auto-graded
	complications, and Surgeon B repeats the entire procedure. What level I modifier would Surgeon B append to the surgical CPT code?	
	(a) -77 ✓	
	O b.) -22	
	() c)-51	
	() d.) -59	
	See and an	

× Incorrect 0/1 Points	0 / 1 pt Auto-graded
32. Critical care given for less than 30 minutes total duration on a given date should be reported as:	
( a.) 99291	
b.) The appropriate evaluation and management code	
○ c) 99285 ✓	
O d.) 99499	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
<ol> <li>Strabismus surgery. Recession of medial rectus muscle of left eye; strabismus surgery on superior oblique muscle of right eye.</li> </ol>	
a) 67312-LT	
○ b.) 67311-LT-51	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
34. The patient undergoes a right endoscopic total ethoidectomy, septoplasty with submucous resection.	
(iii) a.) 31255-RT, 31256-RT	
( b) 31201-RT, 31020-RT	
○ c.) 30520-RT, 31255-RT ✓	
( d.) 31255-RT	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
35. A patient has several calculi of the right and left ureter. A laparoscopic surgical ureterolithotomy is performed and 2 calculi are taken from the left side, 3 from the right.	
(a) 50945-50 ✓	
( b.) 50945-LT-RT	
C.) 50945-LT, 50945-RT, 50945-RT, 50945-RT	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
36. Which of the following muscular valve controls the flow of digestive juice from the hepatopancreatic duct to the duodenum?	
(a) Sphincter of Oddi 🗸	
(b) Semilunar valve	
(c) Ileocaecal valve	
(d) Pyloric sphincter	

✓ Correct 1/1 Points	1 / 1 pt Auto-graded
37. Which of the following is present on the surface of intestinal epithelial cells?	
(a) Zymogen granules	
(b) Pinocytic vesicles	
(c) Phagocytic vesicles	
(d) Microvilli ✓	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
38. Lungs are enclosed within	
(a) Perichondrium	
(b) Periosteum	
(c) Pleural membrane	
(d) Pericardium	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
39. The maximum amount of urea is present in	
(a) Dorsal Aorta	
(b) Hepatic Vein 🗸	
(c) Renal Vein	
(d) Hepatic Portal Vein	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
40. Which of the following organs is known as the "graveyard" of RBCs?	
(a) Spleen	
(b) Kidney	
(c) Liver	
(d) Gall bladder	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
41. Which of the following organs contains the 'Bundle of His'?	
(a) Pancreas	
(b) Brain	
(c) Kidney	
(d) Heart √	

✓ Correct 1/1 Points	1 / 1 pt Auto-graded
42. Heartbeat originates from the	
(a) papillary muscles	
(b) SA node ✓	
(c) AV node	
(d) Purkinje fibres	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
43. Which of the following features is common in both humans and adult frogs?	un periode de la companya de la comp
(a) Internal fertilization	
(b) Ureotelic mode of excretion 🗸	
(c) Nucleated RBCs	
(d) Four chambered heart	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
44. The basic functional unit of a human kidney is known as	
(a) Nephron 🗸	
(b) Pyramid	
(c) Henle's loop nephron	
(d) Nephridia	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
45. Single uriniferous tubule does not contain	
(a) Loop of Henle	
(b) Collecting duct 🗸	
(c) Distal convoluted tubule	
(d) Bowman's capsule	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
46. Which of the following joints is immovable?	
(a) Fibrous joint  (b) Synovial joint	
(b) Synovial joint	
(c) Cartilaginous joints	
(d) Ball and Socket joint	

	Correct 1/1 Points	1 / 1 pt Auto-graded
4	7. The middle portion of the human sperm contains	
	(a) Nucleus	
	(b) Proteins	
	(c) Centriole	
	(d) Mitochondria 🗸	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
4	B. Which of the following is the correctly matched pair of an organ and muscles present in the organ?	2110T2 <b>2</b> NT-T
	(a) Intestine – striated and involuntary	
	(b) Upper arm – smooth muscle and fusiform in shape	
	(c) Heart – involuntary and unstriated smooth muscle	
	(d) Thigh – striated and voluntary 🗸	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
49	2. Cartilage at the end of long bones is	Auto-graueu
	(a) Calcified cartilage 🗸	
	(b) Fibrous cartilage	
	(c) Hyaline cartilage	
	(d) Elastic cartilage	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
50	A deltoid ridge is present in	Thorough a dead
	(a) Humerus 🗸	
	(b) Femur	
	(c) Radius	
	(d) Ulna	

Popular Resident

Polos BT

Review: Value Added Program Examination - Cinical Trials and Pharmacovigilance (2022-23)

BOOJITHA.E(BT)

37/50

Points

34:31

Time to complete

Respondent

30

X Incorrect 0/1 Points	0 /1 pt Auto-graded
1. Which of the following are not correct on the basis of clinical trials?	
a) Biomedical research studies	
(a) b) Behavioral research studies	
c) Studies on human subjects	
O d) Study based only on animals 🗸	
Correct 1/1 Points	1 /1 pt Auto-graded
2. What is the full form of IND?	
a) Investigated drug	
b) Investigation Application	
② c) Investigation of New Drug Application ✓	
( ) Under Investigation	
× Incorrect 0/1 Points	0 /1 pt Auto-graded
3. What is meant by a blind subject?	
a) The subjects do not know which study treatment they receive	
b) Patients injected with placebo and active doses	
C) Fake treatment	
d) Signed document of the recruited patient for the clinical trial procedures	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
4. What is placebo?	
a) The subjects do not know which study treatment they receive	
a) The subjects do not know which study treatment they receive	

	V C	Correct 1/1 Points	1 /1 pt Auto-graded
5.	Wha	at is informed consent in a clinical trial?	
	0	a) The subjects do not know which study treatment they receive	
	0	b) Patients injected with placebo and active doses	
	0	c) Fake treatment	
	0	d) Signed document of the recruited patient for the clinical trial procedures $\checkmark$	
	V C	Correct 1/1 Points	1 / 1 pt Auto-graded
6.	Whi	ich one of the following is the last step of a clinical trial process?	
	0	a) Investigator selection	
	0	b) Patient recruitment	
	0	c) Statistical Analysis	
	0	d) Data filed and registration 🗸	
	V C	Correct 1/1 Points	1 / 1 pt Auto-graded
7.	Hov	w many people will be selected for phase I trial?	
	0	a) The whole market will be under surveillance	
	0	b) 300-3000 people	
	0	c) 20-300 people	
	0	d) 20-50 people 🗸	
	×I	ncorrect 0/1 Points	0 / 1 pt Auto-graded
8.		ich of the following country is the most attractive location to perform clinical trials outside the ted States?	
	Ô	a) India	
	0	b) China 🗸	
	0	c) United Kingdom	
	•	d) Germany	
	√ C	Correct 1/1 Points	1 /1 pt Auto-graded
9.	In v	which phase pharmacodynamics and pharmacokinetics of a drug are studied?	
	•	a) Phase I 🗸	
	0	b) Phase II	
	0	c) Phase III	
	0	d) Phase IV	

X Incorrect 0/1 Points	0 /1 pt Auto-graded
10. What is the full form of SAD?	
a) Secure Assessing dose	
○ b) Single Ascending Dose ✓	
C) Sodium Ascending Dose	
( ) Single Amount Dose	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
11. What is the full form of MAD?	
a) Multiple Ascending Dose 🗸	
b) Managing Abnormalities Dose	
C) Managing absorption dose	
d) Managing Assimilation Dose	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
12. Which of the trial phase is for pharmacovigilance?	
a) Phase !	
120	
a) Phase I	
a) Phase II	
a) Phase II  c) Phase III	
a) Phase II  c) Phase III	1 /1 pt Auto-graded
a) Phase II  b) Phase III  d) Phase IV	
a) Phase II  b) Phase III  c) Phase IV  d) Phase IV  Correct 1/1 Points	
a) Phase II b) Phase III c) Phase IV d) Phase IV  Correct 1/1 Points  13. What is GCP?	
a) Phase II b) Phase III c) Phase III d) Phase IV  Correct 1/1 Points  13. What is GCP?  a) Good cooperation project	
<ul> <li>a) Phase II</li> <li>b) Phase III</li> <li>d) Phase IV</li> <li>d) Phase IV</li> <li>Correct 1/1 Points</li> <li>What is GCP?</li> <li>a) Good cooperation project</li> <li>b) Good clinical practice</li> </ul>	
a) Phase II  b) Phase III  d) Phase IV  Correct 1/1 Points  13. What is GCP?  a) Good cooperation project  b) Good clinical practice  c) Good cleanliness practice	Auto-graded
a) Phase II  b) Phase III  d) Phase IV  Correct 1/1 Points  13. What is GCP?  a) Good cooperation project  b) Good clinical practice  c) Good cleanliness practice	
a) Phase II c) Phase III d) Phase IV  Correct 1/1 Points  13. What is GCP? a) Good cooperation project b) Good clinical practice c) Good cleanliness practice d) Good Constructor provider	Auto-graded
a) Phase II b) Phase III d) Phase IV  Correct 1/1 Points  13. What is GCP? a) Good clinical practice b) Good cleanliness practice d) Good Constructor provider	Auto-graded

✓ Correct 1/1 Points	1 /1 pt Auto-graded
15. What does the symbol Rx mean?	
(iii) a) To take 🗸	
b) Should date	
C) How to take	
( ) What to take	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
16. What does the abbreviation o.d? means on a prescription?	
a) Name of medicine	
b) How to take the medicine	
(i) Quantity to be dispensed	
O d) Once daily 🗸	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
17. How many diagnosis and CPT codes are reported on the ambulatory care records on the examinations?	
<ul> <li>a) 4 diagnosis, as many CPT procedures as necessary</li> </ul>	
○ b) 4 diagnosis, 4 CPT procedure codes	
( ) As many codes as necessary in both categories	
X Incorrect 0/1 Points	0 / 1 pt Auto-graded
18. A patient undergoes a colonoscopy for possible polyp removal. By hot biopsy forceps, a polyp is removed from the descending colon, and by snare technique, a polyp is removed further up just into the transverse colon. What CPT code(s) are reported by the FACILITY?	
(a) 45385, 45384-59 🗸	
(iii) b.) 45384, 45385-51	
( c) 45385	
( d.) 45384	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
19. For question #2 what code (s) would be reported for the SURGEON?	
(iii) a.) 45385, 45384-59 🗸	
( b.) 45385, 45384-51	
O c.) 45385	
( ) d.) 45384	

	✓ Correct 1/1 Points	1 / 1 pt Auto-graded
20	Double osteotomy bunionectomy to correct severe hallux valgus of the left first metatarsal with 0.062 K wire fixation and application of cast.	
	a.) 28296-TA	
	(a) b.) 28299-TA ✓	
	C.) 28296-TA, 29425-TA	
	( d.) 28299-LT	
		1 /1 pt
	Correct 1/1 Points	Auto-graded
21	Esophagogastroduodenoscopy with dilation of the esophagus over a guide wire at same operative episode.	
	a) 43453, 43235-59	
	b.) 43226, 43235-59	
	(a) 43248 √	
	d.) 43456, 43235	
	✓ Correct 1/1 Points	1 / 1 pt Auto-graded
22	Excision of 6-cm inclusion cyst of left neck located below the fascia, entire dissection of tumor from the subfascia; closure of deep fascia with 3-0 Vicryl; skin closed with 4-0 Maxon. Steri-strips were applied.	
	(a) 21556 ✓	
	( b.) 11426, 12042-59	
	○ c) 11426	
	O d.) 21557	
	✓ Correct 1/1 Points	1 / 1 pt Auto-graided
23	A patient with thoracic vertebral fractures of the spine presents for a percutaneous vertebroplasty. A needle is inserted through the right pedicle of the T7 and T8 vertebral body defects and methyl methacrylate is injected. The procedure was done under fluoroscopic guidance. What codes are reported for the facility?	
	a) 22305, 76013-TC	
	○ b.) 22325, 76012-TC	
	C) 22305, 76012-TC	
	( d.) 22520, 22522, 76012-TC ✓	

✓ Correct 1/1 Points	1 / 1 pt Auto-graded
24. Supervision and interpretation (professional component) for one view study of the ankle provided by the physician.	
(iii) a,) 73600-52-26 🗸	
( b.) 73600	
C c) 76499-26	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
<ol> <li>Laboratory components of calcium (82310), carbon dioxide (82374), chloride (82435), cre- atinine (82565), glucose (82947), potassium (84132), sodium (84295), and nitrogen-BUN (84520) compose what panel?</li> </ol>	
a.) No panel, code all as individual codes	
b.) 80048, basic metabolic panel 🗸	
c.) 80050, general health panel	
(d.) 80051, electrolyte panel	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
26. A patient complains of severe lower back and leg pain, which are not responding to conservative treatment. A lumbar caudal injection is given with three injections at the left L4-L5 level for pain relief.	
( a) 62289-LT	
b.) 62311-LT      √	
○ c) 62273-LT	
( d.) 62311-LT, 62311-LT	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
27. The following is true in relation to the CPT coding of lysis of adhesions:	
a.) Always code lysis of adhesions when mentioned	
b.) An additional code is assigned only when the adhesions are extensive and required additional resources to complete the surgery	
C.) No code is ever necessary as procedure includes all lysis of adhesions	
d.) Assign the code for lysis of adhesion with modifier -59	

✓ Correct 1/1 Points	1 / 1 pt Auto-graded
28. Which HCPCS modifier is used to indicate cancellation of surgery after anesthesia due to poor patient condition?	
a.) No modifier is used because the procedure is already started	
○ Ь.) -73	
© c) -74 ✓	
( d)-52	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
29. Which national code is used to report administration of Ampicillin sodium, 500 mg IV?	
( a.) 95410	
○ b.) J0290 ✓	
C c) 36000	
(iii) A code from range 99201-05, or 99211-15	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
30. Patient receives a 60 sq cm split thickness skin graft for extensive partial skin thickness wounds on the arm with excisional preparation of the site performed.	
○ a.) 15000, 15100 ✓	
О 6.) 15100	
(ii) c.) 14300, 15000	
O d.) 13160	
× Incorrect 0/1 Points	0 / 1 pt Auto-graded
31. Surgeon A performs a surgical procedure early in the morning. Later that day, the patient experiences complications, and Surgeon B repeats the entire procedure. What level I modifier would Surgeon B append to the surgical CPT code?	
( a) -77 🗸	
б) -22	
() c)-51	
○ d)-59	

X Incorrect 0/1 Points	0 / 1 pt Auto-graded
32. Critical care given for less than 30 minutes total duration on a given date should be reported as:	
( a.) 99291	
b.) The appropriate evaluation and management code	
() c) 99285 ✓	
O d.) 99499	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
33. Strabismus surgery. Recession of medial rectus muscle of left eye; strabismus surgery on superior oblique muscle of right eye.	
( a) 67312-LT	
○ ы, 67311-ЦТ-51	
(a) c.) 67311-LT, 67318-LT 🗸	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
34. The patient undergoes a right endoscopic total ethoidectomy, septoplasty with submucous resection.	
( a.) 31255-RT, 31256-RT	
О b.) 31201-RT, 31020-RT	
(a) c.) 30520-RT, 31255-RT 🗸	
( d.) 31255-RT	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
35. A patient has several calculi of the right and left ureter. A laparoscopic surgical ureterolithotomy is performed and 2 calculi are taken from the left side, 3 from the right.	
(a) 50945-50 √	
( b.) 50945-LT-RT	
C.) 50945-LT, 50945-RT, 50945-RT, 50945-RT	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
36. Which of the following muscular valve controls the flow of digestive juice from the hepatopancreatic duct to the duodenum?	
(a) Sphincter of Oddi ✓	
(b) Semilunar valve	
(c) Ileocaecal valve	
(d) Pyloric sphincter	

Correct 1/1 Points	Auto-graded
37. Which of the following is present on the surface of intestinal epithelial cells?	
(a) Zymogen granules	
(b) Pinocytic vesícles	
(c) Phagocytic vesicles	
(d) Microvilli 🗸	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
38. Lungs are enclosed within	
(a) Perichondrium	
(b) Periosteum	
(c) Pleural membrane ✓	
(d) Pericardium	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
39. The maximum amount of urea is present in	
(a) Dorsal Aorta	
(b) Hepatic Vein 🗸	
(c) Renal Vein	
(d) Hepatic Portal Vein	
Correct 1/1 Points	1 / 1 pt Auto-graded
40. Which of the following organs is known as the "graveyard" of RBCs?	
(a) Spieen 🗸	
(b) Kidney	
(c) Liver	
(d) Gall bladder	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
41. Which of the following organs contains the 'Bundle of His'?	
(a) Pancreas	
(b) Brain	
(c) Kidney	
(A) Heart	

•

	✓ Correct 1/1 Points	Auto-graded
42.	Heartbeat originates from the	
	(a) papillary muscles	
	(ii) SA node 🗸	
	(c) AV node	
	(d) Purkinje fibres	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
43	Which of the following features is common in both humans and adult frogs?	
	(a) Internal fertilization	
	(b) Ureotelic mode of excretion 🗸	
	(c) Nucleated RBCs	
	(d) Four chambered heart	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
44	. The basic functional unit of a human kidney is known as	
	(a) Nephron 🗸	
	(b) Pyramid	
	(c) Henle's loop nephron	
	(d) Nephridia	
		4 /4 4
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
4!	5. Single uriniferous tubule does not contain	
	(a) Loop of Henle	
	(b) Collecting duct ✓	
	(c) Distal convoluted tubule	
	(d) Bowman's capsule	
		1 /1 pt
	✓ Correct 1/1 Points	Auto-graded
4	6. Which of the following joints is immovable?	
	(a) Fibrous joint (b) Synovial joint	
	(c) Cartilaginous joints	
	(d) Rall and Socket joint	

1 /1 pt

✓ Correct 1/1 Points	1 /1 pt Auto-graded
47. The middle portion of the human sperm contains	
(a) Nucleus	
(b) Proteins	
(c) Centriale	
(d) Mitochondria ✓	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
48. Which of the following is the correctly matched pair of an organ and muscles present in the organ?	
(a) Intestine – striated and involuntary	
(b) Upper arm – smooth muscle and fusiform in shape	
(c) Heart – involuntary and unstriated smooth muscle	
(d) Thigh – striated and voluntary 🗸	
X Incorrect 0/1 Points	0 / 1 pt Auto-graded
49. Cartilage at the end of long bones is	
(a) Calcified cartilage ✓	
(b) Fibrous cartilage	
(c) Hyaline cartilage	
(d) Elastic cartilage	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
50. A deltoid ridge is present in	
(a) Humerus 🗸	
(b) Femur	
(c) Radius	
(d) Ulna	

Coordinators

THOP BS

Review: Value Added Program Examination - Cinical Trials and Pharmacovigilance (2022-23)

SUDHARSON.M(BT)

32:14

Time to complete

44/50

Points

Respondent

31

✓ Correct 1/1 Points		1 / 1 pt Auto-graded
1. Which of the following are not correct on the basis of clinical trials?		
a) Biomedical research studies		
b) Behavioral research studies		
( ) Studies on human subjects		
d) Study based only on animals		
✓ Correct 1/1 Points		1 /1 pt Auto-graded
2. What is the full form of IND?		
a) Investigated drug		
) Investigation Application		
C) Investigation of New Drug Application		
( ) Under Investigation		
✓ Correct 1/1 Points		1 / 1 pt Auto-graded
3. What is meant by a blind subject?		
a) The subjects do not know which study treatment they receive		
b) Patients injected with placebo and active doses		
C) Fake treatment		
d) Signed document of the recruited patient for the clinical trial procedures		
✓ Correct 1/1 Points		1 /1 pt Auto-graded
4. What is placebo?		
a) The subjects do not know which study treatment they receive	E3	
b) Patients injected with placebo and active doses		
(a) c) Fake treatment 🗸		
d) Signed document of the recruited patient for the clinical trial procedures		

5	Correct 1/1 Points	1 / 1 pt Auto-graded
5. 1	What is informed consent in a clinical trial?	
	a) The subjects do not know which study treatment they receive	
	b) Patients injected with placebo and active doses	
	c) Fake treatment	
	d) Signed document of the recruited patient for the clinical trial procedures	
	Correct 1/1 Points	1 /1 pt Auto-graded
6. 1	Which one of the following is the last step of a clinical trial process?	
	a) Investigator selection	
	b) Patient recruitment	
	c) Statistical Analysis	
	d) Data filed and registration	
7	Correct 1/1 Points	1 /1 pt Auto-graded
7.	How many people will be selected for phase I trial?	
	a) The whole market will be under surveillance	
	( b) 300-3000 people	
	( c) 20-300 people	
	(iii) d) 20-50 people ✓	
9	✓ Correct 1/1 Points	1 /1 pt Auto-graded
	Which of the following country is the most attractive location to perform clinical trials outside the United States?	
	a) India	
	C) United Kingdom	
	O d) Germany	
	X Incorrect 0/1 Points	0 / 1 pt Auto-graded
9.	In which phase pharmacodynamics and pharmacokinetics of a drug are studied?	
	a) Phase I 🗸	
	( b) Phase II	
	C) Phase III	
	(a) Phace IV	

✓ Correct 1/1 Points	1 /1 pt Auto-graded
10. What is the full form of SAD?	
a) Secure Assessing dose	
b) Single Ascending Dose	
C) Sodium Ascending Dose	
d) Single Amount Dose	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
11. What is the full form of MAD?	
a) Multiple Ascending Dose	
b) Managing Abnormalities Dose	
( ) Managing absorption dose	
(a) Managing Assimilation Dose	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
12. Which of the trial phase is for pharmacovigilance?	
(a) Phase I	
( b) Phase II	
c) Phase III	
◯ d) Phase IV ✓	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
13. What is GCP?	
a) Good cooperation project	
c) Good cleanliness practice	
( ) Good Constructor provider	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
14. GCP include protection of Human rights as a subject in a clinical trial.	
(a) True ✓	
( b) False	

✓ Correct 1/1 Points	1 /1 pt Auto-graded
15. What does the symbol Rx mean?	
a) To take ✓	
b) Should date	
C) How to take	
( d) What to take	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
16. What does the abbreviation o.d? means on a prescription?	
a) Name of medicine	
b) How to take the medicine	
C) Quantity to be dispensed	
(a) Once daily 🗸	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
17. How many diagnosis and CPT codes are reported on the ambulatory care records on the examinations?	
a) 4 diagnosis, as many CPT procedures as necessary	
(a) b) 4 diagnosis, 4 CPT procedure codes ✓	
c) As many codes as necessary in both categories	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
18. A patient undergoes a colonoscopy for possible polyp removal. By hot biopsy forceps, a polyp is removed from the descending colon, and by snare technique, a polyp is removed further up just into the transverse colon. What CPT code(s) are reported by the FACILITY?	
a.) 45385, 45384-59	
O b.) 45384, 45385-51	
○ c) 45385	
(d) 45384	
X Incorrect 0/1 Points	0 /1 pt Auto-graded
19. For question #2 what code (s) would be reported for the SURGEON?	
(i) a.) 45385, 45384-59 🗸	
(a) b.) 45385, 45384-51	
( c) 45385	
d.) 45384	

23	✓ Correct 1/1 Points	1 /1 pt Auto-graded
	Double osteotomy bunionectomy to correct severe hallux valgus of the left first metatarsal with 0.062 K wire fixation and application of cast.	
	( a) 28296-TA	
	(a) b.) 28299-TA ✓	
	C.) 28296-TA, 29425-TA	
	O d) 28299-LT	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
	Esophagogastroduodenoscopy with dilation of the esophagus over a guide wire at same operative episode.	
	( a.) 43453, 43235-59	
	(a) 43226, 43235-59	
	(a) c) 43248 ✓	
	O d.) 43456, 43235	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
	Excision of 6-cm inclusion cyst of left neck located below the fascia, entire dissection of tumor from the subfascia; closure of deep fascia with 3-0 Vicryl; skin closed with 4-0 Maxon. Steri-strips were applied.	
	(a) 21556 √	
	O b.) 11426, 12042-59	
	O c) 11426	
	O d.) 21557	
	✓ Correct 1/1 Points	1 /1 pt Auto-graded
23.	A patient with thoracic vertebral fractures of the spine presents for a percutaneous vertebroplasty. A needle is inserted through the right pedicle of the T7 and T8 vertebral body defects and methyl methacrylate is injected. The procedure was done under fluoroscopic guidance. What codes are reported for the facility?	
	( a) 22305, 76013-TC	
	( b) 22325, 76012-TC	
	C) 22305, 76012-TC	
	(S) d.) 22520, 22522, 76012-TC ✓	

✓ Correct 1/1 Points	1 /1 pt Auto-graded
<ol> <li>Supervision and interpretation (professional component) for one view study of the ankle provided by the physician.</li> </ol>	
(a) 73600-52-26 V	
○ b)73600	
C c) 76499-26	
	20 (2400)
✓ Correct 1/1 Points	1 /1 pt Auto-graded
25. Laboratory components of calcium (82310), carbon dioxide (82374), chloride (82435), cre- atinine (82565), glucose (82947), potassium (84132), sodium (84295), and nitrogen-BUN (84520) compose what panel?	
a.) No panel, code all as individual codes	
b.) 80048, basic metabolic panel	
C.) 80050, general health panel	
O d.) 80051, electrolyte panel	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
26. A patient complains of severe lower back and leg pain, which are not responding to conservative treatment. A lumbar caudal injection is given with three injections at the left L4-L5 level for pain relief.	
( a.) 62289-LT	
( a.) 62289-LT	
<ul><li>(a) 62289-LT</li><li>(b) 62311-LT √</li></ul>	
<ul> <li>a.) 62289-LT</li> <li>b.) 62311-LT ✓</li> <li>c.) 62273-LT</li> </ul>	1 /1pt
<ul> <li>a.) 62289-LT</li> <li>b.) 62311-LT ✓</li> <li>c.) 62273-LT</li> <li>d.) 62311-LT, 62311-LT, 62311-LT</li> </ul> ✓ Correct 1/1 Points	1 /1 pt Auto-graded
<ul> <li>a.) 62289-LT</li> <li>b.) 62311-LT ✓</li> <li>c.) 62273-LT</li> <li>d.) 62311-LT, 62311-LT, 62311-LT</li> </ul>	20 10 10 10 10 10 10 10 10 10 10 10 10 10
<ul> <li>a.) 62289-LT</li> <li>b.) 62311-LT ✓</li> <li>c.) 62273-LT</li> <li>d.) 62311-LT, 62311-LT, 62311-LT</li> </ul> ✓ Correct 1/1 Points	20 10 10 10 10 10 10 10 10 10 10 10 10 10
<ul> <li>a) 62289-LT</li> <li>b) 62311-LT ✓</li> <li>c) 62273-LT</li> <li>d) 62311-LT, 62311-LT, 62311-LT</li> <li>✓ Correct 1/1 Points</li> <li>27. The following is true in relation to the CPT coding of lysis of adhesions:</li> </ul>	20 10 10 10 10 10 10 10 10 10 10 10 10 10
a.) 62289-LT  b.) 62311-LT  c.) 62273-LT  d.) 62311-LT, 62311-LT, 62311-LT  Correct 1/1 Points  27. The following is true in relation to the CPT coding of lysis of adhesions:  a.) Always code lysis of adhesions when mentioned  b.) An additional code is assigned only when the adhesions are extensive and required additional resources to complete the	20 10 10 10 10 10 10 10 10 10 10 10 10 10
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✓ Correct 1/1 Points	1 / 1 pt Auto-graded
28. Which HCPCS modifier is used to indicate cancellation of surgery after anesthesia due to poor patient condition?	
a.) No modifier is used because the procedure is already started	
○ b.) -73	
(a) −74 √	
( d) -52	
Correct 1/1 Points	1 /1 pt Auto-graded
29. Which national code is used to report administration of Ampicillin sodium, 500 mg IV?	
( a.) 96410	
⑤ b.) J0290 ✓	
C) 36000	
(a) A code from range 99201-05, or 99211-15	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
30. Patient receives a 60 sq cm split thickness skin graft for extensive partial skin thickness wounds on the arm with excisional preparation of the site performed.	
(a) 15000, 15100 √	
О ы 15100	
( c) 14300, 15000	
( d.) 13160	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
31. Surgeon A performs a surgical procedure early in the morning. Later that day, the patient experiences complications, and Surgeon B repeats the entire procedure. What level I modifier would Surgeon B append to the surgical CPT code?	
( a) -77 ✓	
○ Ь) -22	
○ c) -51	
O d)-59	

× Incorrect 0/1 Points	0 / 1 pt Auto-graded
32. Critical care given for less than 30 minutes total duration on a given date should be reported as:	
( a) 99291	
b.) The appropriate evaluation and management code	
○ c.) 99285 ✓	
(d.) 99499	
✓ Correct 1/1 Points	1 /1 pt
33. Strabismus surgery. Recession of medial rectus muscle of left eye; strabismus surgery on superior	Auto-graded
oblique muscle of right eye.	
( a) 67312-LT	
( b.) 67311-LT-51	
(a) 67311-LT, 67318-LT ✓	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
34. The patient undergoes a right endoscopic total ethoidectomy, septoplasty with submucous resection.	Auto-graded
(a.) 31255-RT, 31256-RT	
( b.) 31201-RT, 31020-RT	
(a) c.) 30520-RT, 31255-RT ✓	
(d.) 31255-RT	
✓ Correct 1/1 Points	1 /1 pt
35. A patient has several calculi of the right and left ureter. A laparoscopic surgical ureterolithotomy is	Auto-graded
performed and 2 calculi are taken from the left side, 3 from the right.	
(a) 50945-50 ✓	
( b.) 50945-LT-RT	
(c) 50945-LT, 50945-RT, 50945-RT, 50945-RT	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
36. Which of the following muscular valve controls the flow of digestive juice from the hepatopancreatic	Auto-graded
duct to the duodenum?	
(a) Sphincter of Oddi 🗸	
(b) Semilunar valve	
(c) Ileocaecal valve	
(d) Pyloric sphincter	

✓ Correct 1/1 Points	1 /1 pt Auto-graded
37. Which of the following is present on the surface of intestinal epithelial cells?	
(a) Zymogen granules	
(b) Pinocytic vesicles	
(c) Phagocytic vesicles	
(d) Microvilli ✓	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
38. Lungs are enclosed within	
(a) Perichondrium	
(b) Periosteum	
(c) Pleural membrane 🗸	
(d) Pericardium	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
39. The maximum amount of urea is present in	
(a) Dorsal Aorta	
(b) Hepatic Vein 🗸	
(c) Renal Vein	
(d) Hepatic Portal Vein	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
40. Which of the following organs is known as the "graveyard" of RBCs?	
(a) Spleen ✓	
(b) Kidney	
(c) Liver	
(d) Gall bladder	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
41. Which of the following organs contains the 'Bundle of His'?	
(a) Pancreas	
(b) Brain	
(c) Kidney	
(d) Heart	

✓ Correct 1/1 Points	1 /1 pt Auto-graded
42. Heartbeat originates from the	
(a) papillary muscles	
(b) SA node ✓	
(c) AV node	
(d) Purkinje fibres	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
43. Which of the following features is common in both humans and adult frogs?	
(a) Internal fertilization	
(b) Ureotelic mode of excretion 🗸	
(c) Nucleated RBCs	
(d) Four chambered heart	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
44. The basic functional unit of a human kidney is known as	
(a) Nephron 🗸	
(b) Pyramid	
(c) Henie's loop nephron	
(d) Nephridia	
X Incorrect 0/1 Points	0 / 1 pt Auto-graded
45. Single uriniferous tubule does not contain	
(a) Loop of Henle	
(b) Collecting duct 🗸	
(c) Distal convoluted tubule	
(d) Bowman's capsule	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
46. Which of the following joints is immovable?	
(a) Fibrous joint 🗸	
(b) Synovial joint	
(c) Cartilaginous joints	
(d) Rall and Socket joint	

1 /1 pt

✓ Correct 1/1 Points	1 / 1 pt Auto-graded
47. The middle portion of the human sperm contains	
(a) Nucleus	
(b) Proteins	
(c) Centriole	
(d) Mitochondria 🗸	
✓ Correct 1/1 Points	1 / 1 pt Auto-graded
48. Which of the following is the correctly matched pair of an organ and muscles present in the organ?	, <del>,,,</del>
(a) Intestine – striated and involuntary	
(b) Upper arm – smooth muscle and fusiform in shape	
(c) Heart – involuntary and unstriated smooth muscle	
(d) Thigh – striated and voluntary 🗸	
X Incorrect 0/1 Points	0 / 1 pt Auto-graded
49. Cartilage at the end of long bones is	
(a) Calcified cartilage 🗸	
(b) Fibrous cartilage	
(c) Hyaline cartilage	
(d) Elastic cartilage	
✓ Correct 1/1 Points	1 /1 pt Auto-graded
50. A deltoid ridge is present in	
(a) Humerus 🗸	
(b) Femur	
(c) Radius	
(d) Ulna	

Coordinators when

J. HOALBI



S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

## Department of Biotechnology

Value Added Course on "Clinical Research and Pharmacovigilance"

Roll	Register	Student Name	Marks (100)
Number	Number		0.0
20UBT001	920420UBT001	SRIDIVYA.R	93
20UBT002	920420UBT002	SUDHARSAN.M	92
20UBT003	920420UBT003	JEFFRY DANIEL.D	87
20UBT004	920420UBT004	GIRITHARAN.S	92
20UBT005	920420UBT005	SIVA SANKARI.K	87
20UBT006	920420UBT006	THILSATH MEERAL.S	92
20UBT007	920420UBT007	GOBIKA.G	AB
20UBT008	920420UBT008	FAHEEMA THAHASEEN.A	93
20UBT009	920420UBT009	SANDOSHMANI.R	93
20UBT010	920420UBT010	RAVINA.R	92
20UBT011	920420UBT011	MOULI MONISHA.V	88
20UBT012		ARAVIND.R	86
20UBT013		AKASH DEV.M.S	81
20UBT014	The contract of the contract o	KEERTHI VASAN.V	94
20UBT015			89
20UBT016		The state of the s	79
20UBT017	The second secon	JASMINE KILDA.L	92
20UBT018	Market Administration of Authority Street, and Authority Street, a	MADHUMITHA.K	93
20UBT019		DEEJITH NAATIYAAL.M.S	85
20UBT020		The state of the s	95
20UBT021			87
20UBT022	The state of the s		79
20UBT023	1900-1911-1911-1911-1911-1911-1911-1911	The state of the s	86
20UBT024		The state of the s	93
20UBT025	The second secon		94
20UBT026			87
20UBT027	11		93
20UBT028	A STATE OF THE PARTY OF THE PAR	VARSHA.G.V	86
	920420UBT029		92
20UBT030	THE RESIDENCE OF THE PARTY OF T	NARASINGAM.R	91
20UBT03		JOHN PAUL HUDSON.S	91
20UBT032		2 JEGADEESH.M	93
20UBT033	The second second second second second second	3 VAIRAMUTHU.P	92
20UBT034	The second secon	4 VAISHAALI.A.M	94
20UBT03:		5 YOGASRI.M	93
20UBT03		6 ВООЛТНА.Е	85



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#### **Department of Biotechnology**

### Value Added Course on "Clinical Research and Pharmacovigilance"

Roll Number	Register Number	Student Name	Marks (100)
20UBT037	920420UBT037	LAMIYA BANU.M	91
20UBT038	920420UBT038	VARSHA.E	70
20UBT039	920420UBT039	SAKTHI SUREGA.P	93
20UBT040	920420UBT040	GOWSALYA.K	90
20UBT041	920420UBT041	MINUSHA.S	AB
20UBT042	920420UBT042	VINODHINI.R	90
20UBT043	920420UBT043	CERLICLADIYA.P	93
20UBT044	920420UBT044	SHANKAR GANESH.M.V	86
20UBT045	920420UBT045	HARSINI.S	93
20UBT046	920420UBT046	PRASANNA VENGATESH.V	91
20UBT047	920420UBT047	AASIF HUSSAIN	AB
20UBT049	920120UBT049	NITHYASHREE.S.R	92

N-7 202/Ww

No. of Hours: 32

Credits Recommended: 2

Coordinators

HOD/RT



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# Department of Biotechnology

# Value Added Course on "Clinical Research and Pharmacovigilance"

Roll Number	Register Number	Student Name	Continuous Assessment (100)	Final (100)	Continuous Assessment (60)	Final (40)	Total (100)
	Experience of the second	SRIDIVYA.R	92	94	55.2	37.6	93
20UBT001	720.20	SUDHARSAN.M	95	88	57	35.2	92
		JEFFRY DANIEL.D	85	90	51	36	87
			87	100	52.2	40	92
	man reaction was	GIRITHARAN.S SIVA SANKARI.K	89	84	53.4	33.6	87
20UBT005		Les Constitution of the Language Langua	90	94	54	37.6	92
20UBT006			AB	AB	AB	AB	AB
20UBT007		FAHEEMA THAHASEEN.A	93	94	55.8	37.6	93
	The state of the s	SANDOSHMANI.R	93	94	55.8	37.6	93
20UBT009			93	90	55.8	36	92
20UBT010	N-S-IS-VEY	MOULI MONISHA.V	87	90	52.2	36	88
20UBT01		2 ARAVIND.R	87	84	52.2	33.6	86
20UBT01		3 AKASH DEV.M.S	91	66	54.6	26.4	81
20UBT01		4 KEERTHI VASAN.V	90	100	54	40	94
20UBT01	1		88	90	52.8	36	89
20UBT01	The second secon		93	58	55.8	23.2	79
		6 BENITA MARGARET.L	90	94	54	37.6	92
20UBT0		17 JASMINE KILDA.L 18 MADHUMITHA.K	91	96	54.6	38.4	93
20UBT0	- 1 - S - S - C - C - C - C - C - C - C - C	19 DEEJITH NAATIYAAL.M.S	88	80	52.8	32	85
20UBT0			95	94	57	37.6	95
20UBT0		20 KAMALI.S	87	88	52.2	35.2	87
20UBT0		21 SINDHUJA.S	91	62	54.6	24.8	79
20UBT0		22 NITHYASREE.A	92	76	55.2	30.4	86
		23 VARSHINIRAJI.P	94	92	56.4	36.8	93
The state of the s		24 ABINAYAJ	91	98	54.6	39.2	94
15 - 15 - 15		25 SAIBHAVADHARANI.B	86	88	51.6	35.2	87
		026 GOKULNATH.S	91	96	54.6	38.4	93
		027 SUBHIKSHA.S	88	84	52.8	33.6	86
- Table 1 200 2	NAME OF TAXABLE PARTY.	028 VARSHA.G.V	95	88	57	35.2	92
		029 RINISHA.R	87	98	52.2	39.2	91
	TO THE RESIDENCE OF THE PARTY O	030 NARASINGAM.R	90	92	54	36.8	91
20UBT	2355/24 E-27	031 JOHN PAUL HUDSON.S 032 JEGADEESH.M	93	94	55.8	37.6	93



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### Department of Biotechnology

### Value Added Course on "Clinical Research and Pharmacovigilance"

Roll Number	Register Number	Student Name	Continuous Assessment (100)	Final (100)	Continuous Assessment (60)	Final (40)	Total (100)
20UBT033	920420UBT033	VAIRAMUTHU.P	87	100	52.2	40	92
20UBT034	920420UBT034	VAISHAALI.A.M	94	94	56.4	37.6	94
20UBT035	920420UBT035	YOGASRI.M	92	94	55.2	37.6	93
20UBT036	920420UBT036	BOOJITHA.E	93	74	55.8	29.6	85
20UBT037	920420UBT037	LAMIYA BANU.M	90	92	54	36.8	91
20UBT038	920420UBT038	VARSHA.E	90	40	54	16	70
20UBT039	920420UBT039	SAKTHI SUREGA.P	93	94	55.8	37.6	93
20UBT040	920420UBT040	GOWSALYA.K	- 88	92	52.8	36.8	90
20UBT041	920420UBT041	MINUSHA.S	30	AB	18	AB	AB
20UBT042	920420UBT042	VINODHINI.R	92	88	55.2	35.2	90
20UBT043	920420UBT043	CERLICLADIYA.P	93	94	55.8	37.6	93
20UBT044	920420UBT044	SHANKAR GANESH.M.V	92	78	55.2	31.2	86
20UBT045	920420UBT045	HARSINI.S	92	94	55.2	37.6	93
20UBT046	920420UBT046	PRASANNA VENGATESH.V	92	90	55.2	36	91
20UBT047	920420UBT047	AASIF HUSSAIN	AB	86	AB	34.4	AB
20UBT049	920120UBT049	NITHYASHREE.S.R	90	96	54	38.4	92



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### Department of Biotechnology

## Value Added Course on "Clinical Research and Pharmacovigilance"

### **Internal Assessment Marks**

Roll	Register	Student Name	IAT 1	IAT 2	IAT 3	TOTAL
Number	Number	Student Name	(10)	(30)	(60)	(100)
20UBT001	920420UBT001	SRIDIVYA.R	10	27	55	92
20UBT002	920420UBT002	SUDHARSAN.M	10	30	55	95
20UBT003	920420UBT003	JEFFRY DANIEL.D	10	25	50	85
20UBT004	920420UBT004	GIRITHARAN.S	10	27	50	87
20UBT005	920420UBT005	SIVA SANKARI.K	10	29	50	89
20UBT006	920420UBT006	THILSATH MEERAL.S	10	30	50	90
20UBT007	920420UBT007	GOBIKA.G	AB	AB	AB	AB
20UBT008	920420UBT008	FAHEEMA THAHASEEN.A	10	28	55	93
20UBT009	920420UBT009	SANDOSHMANI.R	10	28	55	93
20UBT010	920420UBT010	RAVINA.R	10	28	55	93
20UBT011	920420UBT011	MOULI MONISHA.V	10	27	50	87
20UBT012	920420UBT012	ARAVIND.R	10	27	50	87
20UBT013	920420UBT013	AKASH DEV.M.S	10	26	55	91
20UBT014	920420UBT014	KEERTHI VASAN.V	10	30	50	90
20UBT015	920420UBT015	DINESH.R	10	28	50	88
20UBT016	920420UBT016	BENITA MARGARET.L	10	28	55	93
20UBT017	920420UBT017	JASMINE KILDA.L	10	30	50	90
20UBT018	920420UBT018	MADHUMITHA.K	10	26	55	91
20UBT019	920420UBT019	DEEJITH NAATIYAAL.M.S	10	28	50	88
20UBT020	920420UBT020	KAMALI.S	10	30	55	95
20UBT021	920420UBT021	SINDHUJA.S	10	27	50	87
20UBT022	920420UBT022	NITHYASREE.A	10	26	55	91
20UBT023	920420UBT023	VARSHINIRAJI.P	10	27	55	92
20UBT024	920420UBT024	ABINAYA.J	10	29	55	94
20UBT025	920420UBT025	SAIBHAVADHARANI.B	10	26	55	91
20UBT026	920420UBT026	GOKULNATH.S	10	26	50	86
20UBT027	920420UBT027	SUBHIKSHA.S	10	26	55	91
20UBT028	920420UBT028	VARSHA.G.V	10	28	50	88
20UBT029	920420UBT029	RINISHA.R	10	30	55	95
20UBT030	920420UBT030	NARASINGAM.R	10	27	50	87
20UBT031	920420UBT031	JOHN PAUL HUDSON.S	10	30	50	90
20UBT032	920420UBT032	JEGADEESH.M	10	28	55	93
20UBT033	920420UBT033	VAIRAMUTHU.P	10	27	50	87
20UBT034	920420UBT034	VAISHAALI.A.M	10	29	55	94
20UBT035	920420UBT035	YOGASRI.M	10	27	55	92
20UBT036	920420UBT036	BOOJITHA.E	10	28	55	93
20UBT037	920420UBT037	LAMIYA BANU.M	10	30	50	90
20UBT038	920420UBT038	VARSHA.E	10	30	50	90
20UBT039	920420UBT039	SAKTHI SUREGA.P	10	28	55	93



S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

### Department of Biotechnology

### Value Added Course on "Clinical Research and Pharmacovigilance"

#### **Internal Assessment Marks**

Roll Number	Register Number	Student Name	IAT 1 (10)	IAT 2 (30)	IAT 3 (60)	TOTAL (100)
20UBT040	920420UBT040	GOWSALYA.K	10	28	50	88
20UBT041	920420UBT041	MINUSHA.S	AB	30	AB	30
20UBT042	920420UBT042	VINODHINI.R	10	27	55	92
20UBT043	920420UBT043	CERLICLADIYA.P	10	28	55	93
20UBT044	920420UBT044	SHANKAR GANESH.M.V	10	27	55	92
20UBT045	920420UBT045	HARSINI.S	10	27	55	92
20UBT046	920420UBT046	PRASANNA VENGATESH.V	10	27	55	92
20UBT047	920420UBT047	AASIF HUSSAIN	AB	AB	AB	AB
20UBT049	920120UBT049	NITHYASHREE.S.R	10	25	55	90

Coordinators howard

HOD/BT



S.P.G.C. Nagar, K. Vellakulam – 625 701 (Near VIRUDHUNAGAR).

### Department of Biotechnology

# Value Added Course on "Clinical Research and Pharmacovigilance"

### **Final Exam Marks**

Roll Number	Register Number	Student Name	Marks (50	Marks (100)
20UBT001		SRIDIVYA.R	47	94
20UBT002	920420UBT002	SUDHARSAN.M	44	88
20UBT003	920420UBT003	JEFFRY DANIEL.D	45	90
20UBT004	THE RESERVE OF THE PARTY OF THE	GIRITHARAN.S	50	100
20UBT005		SIVA SANKARI.K	42	84
20UBT006	920420UBT006	THILSATH MEERAL.S	47	94
20UBT007	920420UBT007	GOBIKA.G	AB	AB
20UBT008	920420UBT008	FAHEEMA THAHASEEN.A	47	94
20UBT009		SANDOSHMANI.R	47	94
20UBT010	920420UBT010	RAVINA.R	45	90
20UBT011	920420UBT011	MOULI MONISHA.V	45	90
20UBT012	920420UBT012	ARAVIND.R	42	84
20UBT013	920420UBT013	AKASH DEV.M.S	33	66
20UBT014	920420UBT014	KEERTHI VASAN.V	50	100
20UBT015			45	90
20UBT016	920420UBT016	BENITA MARGARET.L	29	58
20UBT017	920420UBT017	JASMINE KILDA.L	47	94
20UBT018	920420UBT018	MADHUMITHA.K	48	96
20UBT019	920420UBT019	DEEJITH NAATIYAAL.M.S	40	80
20UBT020	920420UBT020	KAMALI.S	47	94
20UBT021	920420UBT021	SINDHUJA.S	44	88
20UBT022	920420UBT022	NITHYASREE.A	31	62
20UBT023	920420UBT023	VARSHINIRAJI.P	38	76
20UBT024	920420UBT024	ABINAYA.J	46	92
20UBT025	920420UBT025	SAIBHAVADHARANI.B	49	98
20UBT026	920420UBT026	GOKULNATH.S	44	88
20UBT027	920420UBT027	SUBHIKSHA.S	48	96
20UBT028	920420UBT028	VARSHA.G.V	42	84
20UBT029	920420UBT029	RINISHA.R	44	88
20UBT030	920420UBT030	NARASINGAM.R	49	98
20UBT031		JOHN PAUL HUDSON.S	46	92
20UBT032	920420UBT032	JEGADEESH.M	47	94
20UBT033	920420UBT033	VAIRAMUTHU.P	50	100
20UBT034	920420UBT034	VAISHAALI.A.M	47	94
20UBT035	920420UBT035	YOGASRI.M	47	94
20UBT036	920420UBT036	BOOJITHA.E	37	74



S.P.G.Chidambara Nadar - C.Nagammal Campus S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

### Department of Biotechnology

## Value Added Course on "Clinical Research and Pharmacovigilance"

#### Final Exam Marks

Roll Register Number Number		Student Name	Marks (50	Marks (100)	
20UBT037	920420UBT037	LAMIYA BANU.M	46	92	
20UBT038	920420UBT038	VARSHA.E	20	40	
20UBT039	920420UBT039	SAKTHI SUREGA.P	47	94	
20UBT040	920420UBT040	GOWSALYA.K	46	92	
20UBT041	920420UBT041	MINUSHA.S	AB	AB	
20UBT042	920420UBT042	VINODHINI.R	44	88	
20UBT043	920420UBT043	CERLICLADIYA.P	47	94	
20UBT044	920420UBT044	SHANKAR GANESH.M.V	39	78	
20UBT045	920420UBT045	HARSINI.S	47	94	
20UBT046	920420UBT046	PRASANNA VENGATESH.V	45	90	
20UBT047	920420UBT047	AASIF HUSSAIN	43	86	
20UBT049	920120UBT049	NITHYASHREE.S.R	48	96	

# Review: FEED BACK ON Value-Added Course on "Clinical Research and Pharmacovigilance"

NITHYASREE.A(BT)

00:45

Time to complete

Respondent

23

1. NAME	Score	/ 0 pts
Nithyasree. A		
2. DEPARTMENT	Score	/ 0 pts
Biotechnology		
3. YEAR	Score	/ 0 pts
3		
4. Where the objective of the event met	Score	/ 0 pts
Completely agree		
Strongly agree		
Agree		
O Partially agree		
Disagree		
5. Was the programme sequence well planned	Score	/ 0 pts
Completely agree		
Strongly agree		
Agree		
Partially agree		
O Disagree		

6. Were the lecturer clear and easy to understand	Score	/ 0 pts
Completely agree		
Strongly agree		
Agree		
Partially agree		
Disagree		
7. Whether the instructor encouraged the interaction	Score	/ 0 pts
Completely agree		
Strongly agree		
○ Agree		
Partially agree		
O Disagree		
8. The information presented at this event was highly beneficial	Score	/ 0 pts
Completely agree		
Strongly agree		
Agree		
Partially agree		
Disagree		
9. Organisation of the event was good	Score	/ 0 pts
Completely agree		
Strongly agree		
○ Agree		
Partially agree		
O Disagree		
10. Comments/Suggestions	Score	/ 0 pts
NAME OF THE PROPERTY OF THE PR		

P. That HOD BT

# Review: FEED BACK ON Value-Added Course on "Clinical Research and Pharmacovigilance"

LAMIYA BANU.M(BT)

01:16

Time to complete

Respondent

10

1. N	NAME		Score	/ 0 pts
	M.lamiya Banu			
2. D	DEPARTMENT		Score	/ 0 pts
	Biotechnology			
3. Y	ÆAR		Score	/ 0 pts
Ĺ	3rd			
4. W	Where the objective of the event met		Score	/ 0 pts
C	Completely agree			
(	Strongly agree			
	Agree			
C	Partially agree			
C	Disagree			
5. W	Vas the programme sequence well planned		Score	/ 0 pts
C	Completely agree			
(	Strongly agree			
C	Agree			
C	Partially agree	11		
C	Disagree			

6. We	re the lecturer clear and easy to understand	Score	/ 0 pts
0	Completely agree		
	Strongly agree		
0	Agree		
. 0	Partially agree		
$\cap$	Disagree		
Sout.			
7. Wh	ether the instructor encouraged the interaction	Score	/ 0 pts
0	Completely agree		
0	Strongly agree		
0	Agree		
0	Partially agree		
$\bigcirc$	Disagree		
8. The	information presented at this event was highly beneficial	Score	/ 0 pts
0	Completely agree		
	Strongly agree		
0	Agree		
0	Partially agree		
	Disagree		
9. Or	ganisation of the event was good	Score	/ 0 pts
0	Completely agree		
0	Strongly agree		
0	Agree		
0	Partially agree		
O	Disagree		
and the			
10. <b>C</b> o	mments/Suggestions	Score	/ 0 pts
No	answer provided.		

Cosdi ados

J. mat

# Review: FEED BACK ON Value-Added Course on "Clinical Research and Pharmacovigilance"

Respondent

	45 BOOJITHA.E(BT)	00:40 Time to complete		
1. NAME			Score	/ 0 pts
E.Boojitha	*			
2. DEPARTMENT			Score	/ 0 pts
Biotechnology				
3. YEAR			Score	/ 0 pts
3				
4. Where the obje	ctive of the event met		Score	/ 0 pts
Completely a	gree			
Strongly agre	ee			
○ Agree				
Partially agre	e			
Disagree				
5. Was the progra	mme sequence well planned		Score	/ 0 pts
Completely a	ogree			
Strongly agre	ee e			
Agree				
Partially agre	e	- E		
	9			

Completely agree  Strongly agree  Agree  Partially agree  Strongly agree  Strongly agree  Strongly agree  Strongly agree  Agree  Partially agree  Disagree  8. The information presented at this event was highly beneficial  Completely agree  Strongly agree  Strongly agree  Agree  Partially agree  Strongly agree  Strongly agree  Strongly agree  Strongly agree  Agree  Partially agree  Disagree  Disagree  Ocompletely agree  Strongly agree  Strongly agree  Disagree  Ocompletely agree  Strongly agree  Agree  Fartially agree  Strongly agree  Strongly agree  Strongly agree  Agree  Fartially agree  Strongly agree  Agree  Strongly agree  Agree  Strongly agree  Agree  Fartially agree  Strongly agree  Agree  Agree  Strongly agree  Agree  Agree  Strongly agree  Agree  Agree  Strongly agree  Agree  Agree  Agree  Strongly agree  Agre	6.	Wer	e the lecturer clear and easy to understand	Score	/ 0 pts
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Agree Partially agree Disagree  8. The information presented at this event was highly beneficial Completely agree Strongly agree Agree Partially agree Disagree  9. Organisation of the event was good Completely agree Strongly agree Partially agree Disagree  Occompletely agree Disagree		0	Completely agree		
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8. The information presented at this event was highly beneficial  Completely agree  Strongly agree  Agree  Partially agree  Disagree  Score /0 pts  Completely agree  Strongly agree  Disagree  Score /0 pts  Completely agree  Strongly agree  Disagree  Agree  Partially agree  Disagree  Completely agree  Strongly agree  Agree  Partially agree  Completely agree  Strongly agree  Agree  Partially agree  Completely agree  Score /0 pts		0	Partially agree		
Completely agree  Strongly agree  Agree  Partially agree  Disagree  Completely agree  Score / 0 pts  Agree  Agree  Partially agree  Strongly agree  Strongly agree  Disagree  Agree  Partially agree		0	Disagree		
Completely agree  Strongly agree  Agree  Partially agree  Disagree  Completely agree  Score / 0 pts  Agree  Agree  Partially agree  Strongly agree  Strongly agree  Disagree  Agree  Partially agree					
Strongly agree  Agree  Partially agree  Disagree  9. Organisation of the event was good  Completely agree  Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score /0 pts	8.	The	information presented at this event was highly beneficial	Score	/ 0 pts
<ul> <li>Agree</li> <li>Partially agree</li> <li>Disagree</li> <li>Organisation of the event was good</li> <li>Completely agree</li> <li>Strongly agree</li> <li>Agree</li> <li>Partially agree</li> <li>Disagree</li> <li>Ocomments/Suggestions</li> </ul>		0	Completely agree		
Partially agree  Disagree  9. Organisation of the event was good  Completely agree  Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts		0	Strongly agree		
Disagree  9. Organisation of the event was good  Completely agree  Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts			Agree		
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Completely agree  Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts		0	Disagree		
Completely agree  Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts					
Strongly agree  Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts	9.	Orga	anisation of the event was good	Score	/ 0 pts
Agree  Partially agree  Disagree  O. Comments/Suggestions  Score / 0 pts		0	Completely agree		
O Disagree  O. Comments/Suggestions  Score / 0 pts		0	Strongly agree		
O Disagree  0. Comments/Suggestions  Score / 0 pts		0	Agree		
0. Comments/Suggestions Score / 0 pts		0	Partially agree		
No one was presided.		0	Disagree		
No one was presided.					
No answer provided.  The Market Marke	10.	Com	nments/Suggestions	Score	/ 0 pts
I. most		No a	nswer provided.		
T. M.		100	XXX IAN OF	plant	
Coordinates			Coordinators	HODIBI	

P. In us Hod (B)

# FEED BACK ON Value-Added Course on "Clinical Research and Pharmacovigilance"

\* 46

Responses

01:02

Average time to complete

Active

Status

1. NAME (0 point)

46

Responses

Latest Responses

"Gokulnath.S"

"E.Boojitha"

"Aasif Hussain"

2. DEPARTMENT (0 point)

46

Responses

Latest Responses

"Biotechnology"

"Biotechnology "

"Biotechnology "

3. YEAR (0 point)

46

Responses

Latest Responses

"3"

"3"

"3rd"

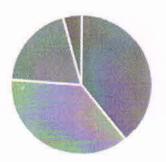
Fell Pale Showing

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## 4. Where the objective of the event met (0 point)

Completely agree 18
Strongly agree 17
Agree 9
Partially agree 2

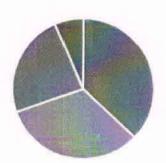
Disagree



## 5. Was the programme sequence well planned (0 point)

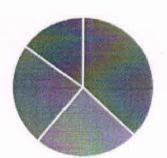
0

Completely agree
Strongly agree
Agree
Partially agree
Disagree
0



# 6. Were the lecturer clear and easy to understand (0 point)

Completely agree
Strongly agree
Agree
Partially agree
Disagree
0

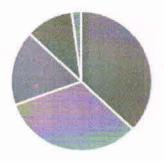


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HOD/BL

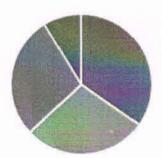
## 7. Whether the instructor encouraged the interaction (0 point)

6	Completely agree	17
6	Strongly agree	15
C	Agree	8
	Partially agree	5
	Disagree	1



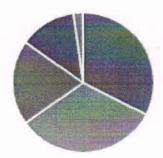
# 8. The information presented at this event was highly beneficial (0 point)

	Completely agree	16
0	Strongly agree	13
0	Agree	13
0	Partially agree	4
0	Disagree	0



## 9. Organisation of the event was good (0 point)

0	Completely agree	15
0	Strongly agree	15
•	Agree	9
0	Partially agree	6
0	Disagree	1



## 10. Comments/Suggestions (0 point)

9 Responses Latest Responses
"No"

Let Show Sundand

140/BI



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### DEPARTMENT OF BIOTECHNOLOGY

Industry Certified Value-Added Course

On

#### CLINICAL RESEARCH AND PHARMACOVIGILANCE

In association with Deepam Hospital, Chennai. 06-02-2023 to 09-02-2023

#### SUMMARY REPORT

A four days industry-certified value-added course entitled "Clinical Research and Pharmacovigilance" was organised by the Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhunagar, in association with Deepam Hospitals, Chennai, for III Year B. Tech Biotechnology students from 06-02-2023 to 09-02-2023. Two trainers, Mr Rajavelu and Mr Dhayalan from Deepam Academy of Medical Sciences, handled the sessions. The primary objective of this program is to provide an understanding of clinical research and its scope in drug discovery process and to provide Hands-on training on tools related to Clinical Data Management and Pharmacovigilance. In addition, this course helped the students develop the skills required to work in Clinical Research, Clinical Data Management and Pharmacovigilance.

Day 1 started with a short inaugural function where our Head of the Department welcomed and felicitated the gathering. Then, one of the program coordinators, Dr A. Ronaldo Anuf, introduced the theme of the Value added course. Next, the external trainers handled a session on an overview of the basics of clinical research and clinical pharmacology. Then, in the afternoon, they provided an overview of the Drug Development Process, Clinical trial design and trial document preparation. Finally, the trainers also gave an introductory session on the requirements for SAS® programming and hands-on training on the basics of Python Programming.

Day 2 started with a session on Ethics, Guidelines & Regulations, and Roles and Responsibilities of Clinical Research Professionals, followed by a session on an Overview of CDM, 21CFR part 11-EDC, CDISC Regulations, GCDMP, and Protocol review and CRF design. In the afternoon, the trainers gave a hands-on session on database setup, design, and validation; data entry and validation; Coding and dictionaries; Database lock and form filing.

Day 3 started with a lecture on Good Clinical Practice (GCP), followed by hands-on training sessions on SAS® Programming. A short assessment was also conducted at the end of the third day.

Day 4 and the final day of the program started with a lecture on the aims and roles of Pharmacovigilance, followed by the training session on Key Performance Indicators, Databases, Naranjo algorithms and PV Prediction. Another short assessment was also conducted on the day. Finally, the day was concluded with the Valedictory session. Dr S. Senthil, Principal of Kamaraj College of Engineering and Technology, attended the valedictory session and handed the certificates to the students. Overall the students learnt the practical aspects of important Pharmacovigilance activities per the global standards and acquired the necessary skills and knowledge to work in Clinical Research Organizations.

Program Coordinator(s)

HOD/BT



S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K. Vellakulam - 625 701 (Near VIRUDHUNAGAR).

#### DEPARTMENT OF BIOTECHNOLOGY

Industry Certified Value-Added Course

On

### CLINICAL RESEARCH AND PHARMACOVIGILANCE

In association with Deepam Hospital, Chennai.

06-02-2023 to 09-02-2023

### **EXPENDITURE DETAILS**

S. No	Particulars	Bill No	Date	Amount (₹)
1.	Deepam Hospital – Training Fee for 48 Students (48 × 1000)	Invoice No. 1	06-02-2023	48,000.00
2.	KCET Canteen - Breakfast, Lunch for 2 Trainers (4 Days)		06-02-2023 to 09-02-2023	
3.	KCET Canteen - Tea & Snacks for 2 Trainers (4 Days)		06-02-2023 to 09-02-2023	
4.	KCET Boys Hostel Mess - Dinner for 2 Trainers (4 Days)		06-02-2023 to 09-02-2023	ı
5.	KCET Boys Hostel - Accommodation for 2 Trainers (4 Days)		06-02-2023 to 09-02-2023	
		<u> </u>	TOTAL	

### ABSTRACT

Amount to be settled by office via Online Account Transfer (S. No 1)

Rs. 48,000 /-

		Account Details	Amount to be transferred
Deepam Hospitals (S. No: 1)			
Name of the account Holder	ě	Deepam Hospitals and Wellness Enterprises	
Name of the Bank	ż	ICICI Bank	
Name of the Branch	:	Urapakkam	Rs. 48,000 /
Account No	:	321805001145	
IFSC Code	٠	ICIC0003218	
PAN No	:	BFRPK6352J	

Program Coordinator(s)

HOD/BT

# **Deepam Hospital**

17/22, M.K.Reddy Street, West Tambaram, Chennai 600045

Phone no.: 7305979772

Email: info@deepamhospitals.com

GSTIN: 33AABCD1285G1Z0

State: 33-Tamil Nadu



# Tax Invoice

Bill To

Kamaraj College Of Engineering &Tech

Invoice No.: 1 Date: 14-02-2023

#	Item name	HSN/ SAC	Quantity	Price/ Unit	Amount
1	Clinical Research,CDM& Pharmacovigilance		48	₹ 1,000.00	₹ 48,000.00
E	Total		48		₹ 48,000.00
Invo	pice Amount In Words	Su	b Total		₹ 48,000.00
Forty Eight Thousand Rupees only		Total			₹ 48,000.00
Terms and Conditions		Re	Received		₹ 0.00
Than	nks for doing business with us!	Ва	Balance		

For, Deepam Hospital

**Authorized Signatory** 

