

# NIRMALA COLLEGE OF PHARMACY, MUVATTUPUZHA

Muvattupuzha, Ernakulam(Dist), Kerala - 686661, India

Managed by Nirmala College Society (Reg.No.ER 928-2001), Diocese of Kothamangalam

Approved by PCI New Delhi, Govt of Kerala and Affiliated to Kerala University of Health Sciences, Thrissur]

Accredited by NBA (National Board of Accreditation)

Website: [www.nirmalacp.org](http://www.nirmalacp.org), E-mail: [nip\\_mvpa@yahoo.co.in](mailto:nip_mvpa@yahoo.co.in)

*Reports on Faculty development Programs (FDP), professional development  
/administrative training programs during 2020-2021 academic year*

## INDEX

SL.NO	DATE	PROGRAM
<b>2020-2021</b>		
1	22/08/2020-28/08/2020	Application of computational clinical biopharmaceutical Product development(FDP)
2	17/10/2020	Maintenance and calibration of lab equipment's(technical)



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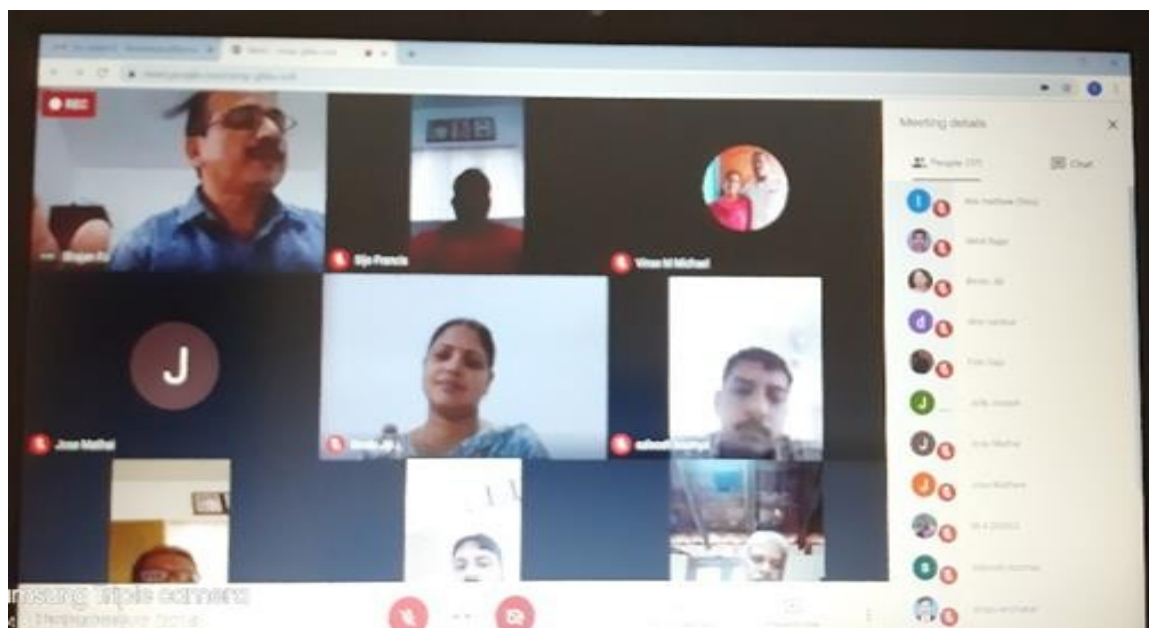
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## MAINTAINENCE AND CALIBRATION OF LABORATORY EQUIPMENTS

Student staff welfare committee of NCP organized a staff training programme on Maintenance and Calibration of Laboratory Equipment's on 17th October 2020. The session was handled by Mr. Shajan P J, Technical Officer, VJCET, Vazhakulam through online platform Google Meet (ID:mmp-ghku-eck) at 4.00 pm. He explained about the need for proper maintenance and care of lab equipment's, the maintenance procedure of laboratory equipment's, servicing and calibration of equipment's which in turn improve the efficiency and accuracy of equipment's, how to improve efficiency and life of equipment's etc. He also explained that awareness and knowledge about the instruments is essential for staff for maintaining quality of laboratory.



*Non-teaching staff attending webinar on Maintenance and calibration of laboratory equipment.*



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## *Participants List:*

Sl.No	Name of participants
1.	Bindumol P C
2.	Saloosh George
3.	Anil Jose
4.	Salomy Reji
5.	Jose Mathew
6.	Sijo Francis
7.	Shijo George
8.	Jolly Joseph
9.	Vinse Michael
10.	Melby Sunny
11.	Dino Xavier
`12.	Anjana Unnikrishnan
13.	Aswathy Moni

Prepared By,

**PRINCIPAL**

Dr.Merrin Joseph Assistant Professor

Staff and Student Welfare Committee.





# NIRMALA COLLEGE OF PHARMACY

Muvattupuzha, Ernakulam(Dist.), Kerala - 686 661, India

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[Apporved by AICTE-, New Delhi; Govt. of Kerala and Affiliated to Kerala University of Health Sciences, Thrissur]

Ph: 0485 - 2836888, Fax: 0485 - 2836888, Website: www.nirmalacp.org, e-mail: nip\_mvpa@yahoo.co.in


No.

Date.....15/10/2020

## Circular

All non-teaching staff members are hereby notified that a **Training programme on Maintenance and calibration of lab equipments** will be held from 17/10/2020. Mr. Shajan P J ,Technical Officer, VJCET, Vazhakulam is the resource person. The online session will be starts by 4.00 pm .



  
Dr. BADMANABAN. R  
PRINCIPAL  
Nirmala College of Pharmacy  
Muvattupuzha, Ernakulam (Dist.)  
Kerala - 686 661

**PRINCIPAL**





**NIRMALA COLLEGE OF PHARMACY MUVAATTUPUZZHA**

**LIVE STREAMING**

# **WEBINAR ON MAINTENANCE AND CALIBRATION OF LABORATORY EQUIPMENTS**

**17 OCTOBER 2020**

RESOURCE PERSON

**MR. SHAJAN PJ**

TECHNICAL OFFICER,  
VJCET

**TIME: 4PM  
GOOGLE MEET**

LINK WILL BE SEND THROUGH WHATSAPP





UG Program Till 2021

*The management, staff and students of Nirmala College of Pharmacy  
cordially invites you to*



**MODULE 11**

# INTERNATIONAL CONFERENCE ON APPLICATIONS OF COMPUTATIONAL CLINICAL BIO-PHARMACEUTICS IN PHARMACEUTICAL PRODUCT DEVELOPMENT

22<sup>nd</sup> to 28<sup>th</sup> August 2020

*Sponsored by*



*Organized by*

**The Department of Pharmaceutics  
Nirmala College Of Pharmacy, Muvattupuzha  
Ernakulam Dist, Kerala**





## ABOUT THE COLLEGE

Nirmala College of Pharmacy (NCP) is yet another hallmark of the commitment and experience of the catholic diocese of Kothamangalam in the field of education. NCP is a christian minority institution established in 2004 as a memorial of the diocesan golden jubilee. It is managed by the Catholic diocese of Kothamangalam under Nirmala College Society. (Reg. No. ER.928/2001). At present the college is affiliated to Kerala University of Health Sciences, Thrissur. This college is approved by Govt. of Kerala, All India Council For Technical Education (AICTE) and Pharmacy Council of India (PCI), New Delhi.

## ABOUT THE PROGRAM

In the last two decades, the discipline of biopharmaceutics has undergone considerable advances, particularly with regard to bioavailability and bioequivalence as they relate to product quality and regulatory standards of approval. Computational clinical Biopharmaceutics introduces fundamental concepts, methods and advances in the areas of dissolution, absorption, and permeability and their key applications in dosage form performance. The conference presents an integrated view in linking pharmaceuticals to the biological consequences of drug products and leverages those for decision making in drug development.

## Who should attend the conference?

All who are interested in pharmaceutical research



For registration and other details please contact [knowledgeshare@nirmalacp.org](mailto:knowledgeshare@nirmalacp.org)

*Click on this link for registration*

<https://www.payumoney.com/web-fronts/#/index/NirmalaCollegeofPharmacy>



# PROGRAM CHART

## DAY 1 - 22/8/20 SATURDAY

**Time: 11.30AM - 01.00PM**

*Topic :* **Understanding Drug Substances**

**Time: 02.00PM - 03.30PM**

*Topic :* **Bio Relevant in Vitro Tool**

## DAY 2 - 23/8/20 SUNDAY

**Time: 11.00AM - 12.30PM**

*Topic :* **IVIVC**

**Time: 02.00PM - 03.30PM**

*Topic :* **Physiologically Based Pharmacokinetic (Pbpk) Modelling**

### Speaker

**DR.RAJKUMAR M**  
Deputy General Manager  
Clinical Research  
USV Pvt.Ltd  
Mumbai



### Speaker

**DR.K.GOWTHAMARAJAN**  
M. Pharm, PhD  
Professor and head of  
Department of pharmaceutics  
J.S.S. College of Pharmacy,  
Ooty, TN, India



## DAY 3 - 24/8/20 MONDAY

**Time: 02.00PM - 03.30PM**

*Topic :* **The Next generation of Biopharmaceutics**

## DAY 4 - 25/8/20 TUESDAY

**Time: 11.00AM - 12.30PM**

*Topic :* **Quality by Design (QbD) Approach in Formulation Development**

### Speaker

**DR.VVS NARAYANA REDDY KARRI**  
M. Pharm, PhD  
Lecturer  
J.S.S. College of Pharmacy,  
Ooty, TN, India



## DAY 5 - 26/8/20 WEDNESDAY

**Time: 11.00AM - 12.30PM**

*Topic :* **Pharmaceutical Design of Experiments**



## DAY 6 - 27/8/20 THURSDAY

**Time: 11.00AM - 12.30PM**

*Topic :* **Understanding the Peer Review Concepts**

Speaker

**DR. M.K. UNNIKRISHNAN**

M. Pharm, PhD  
Principal  
National college of pharmacy  
Kozhikode, Kerala, India



**Time: 02.00PM - 03.30PM**

*Topic :* **Pharmacoeconomics and Outcomes Research**

Speaker

**DR.DIXON THOMAS**

Associate Professor & Chair  
Department of Pharmacy Practice  
College of Pharmacy, Gulf Medical University



Speaker

**DR. SHYAM SUNDER V PANCHOLI**

Former professor  
College of Pharmacy,  
Jazan , Kingdom of Saudi Arabia



## DAY 7 - 28/8/20 FRIDAY

**Time: 11.00AM - 12.30PM**

*Topic :* **Challenges in Extemporaneous Compounding**

## ORGANIZING COMMITTEE

### Patron

**His Excellency Mar George Madathikandathil**  
*Bishop, Kothamangalam Diocese*

### Manager

**Rev.Msgr. Cherian Kanjirakombil**

### Administrator

**Rev.Fr. Jos Mathai Mailadiath**

### Convenor

**Prof. Dr. Badmanaban. R**  
*Principal*

### Joint Convenors

**Dr. Deepa Jose**  
*Vice Principal & HOD  
Department of Pharmaceutical Chemistry*

**Prof. Dr. S. Kuppuswamy**  
*HOD, Department Of Pharmaceutics*

**Dr. Manju Maria Mathews**

### Co-Ordinators

Mrs. Flowerlet Mathew  
Mrs. Elizabeth N Xaviour  
Mr. Dhanish Joseph  
Dr. Fels Saju  
Mr. Eby George  
Mrs. Vidya Peter  
Mrs. Sonia Ninan  
Mrs. Ancy IJ





## NILA MODULE 11 DAY 1 SESSION 1

<b>Date</b>	22/8/20
<b>Day</b>	SATURDAY
<b>Time</b>	11.30AM - 01.00PM,
<b>Session</b>	FN
<b>Speaker</b>	DR.RAJKUMAR M Deputy General Manager Clinical Research USV Pvt.Ltd Mumbai
<b>Topic</b>	Understanding Drug Substances
<b>No of participants attended the session</b>	57
<b>Name of the conveners with designation</b>	Dr.Fels Saju Assistant Professor  Mrs.FloweIrIrt Mathew Assistant Professor
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ Pharmacokinetic properties can be optimized based on</li> <li>✓ Good permeability is observed with drugs having molecular weight upto</li> <li>✓ with increase in temperature, solubility of cyclosporin</li> </ul>
<b>Feedback summary of session</b>	Attached
<b>No of feedback received</b>	57
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	Session started at 11:30am. Sir has talked about all aspects Session ended at 12:45 pm. All attributes of drug substance which are essential for developing in to effective dosage form was discussed. Session ended at 01:00 pm

### Brief Profile of Speaker

He has 25 publications and 68 presentations. He is member of several professional bodies.His areas of expertise are Optimization of Class II drugs, Solid state optimization, Analytical Method Development, OS: Linux, UV probe, PK and HPLC softwares, Microsoft Windows

#### Speaker

**DR.RAJKUMAR M**  
Deputy General Manager  
Clinical Research  
USV Pvt.Ltd  
Mumbai



**NILA MODULE 11 DAY 1 SESSION 2**

<b>Date</b>	22/8/20
<b>Day</b>	SATURDAY
<b>Time</b>	02.00PM - 03.30PM
<b>Session</b>	AN
<b>Speaker</b>	DR.RAJKUMAR M Deputy General Manager Clinical Research USV Pvt.Ltd Mumbai
<b>Topic</b>	<i>Topic : Bio Relevant in Vitro Tool</i>
<b>No of participants attended the session</b>	46
<b>Name of the conveners with designation</b>	Dr.Fels Saju Assistant Professor  Mrs.Flowerlrt Mathew Assistant Professor
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ Analytical tool to determine the polymorphic changes in a dosage form</li> <li>✓ Importance of selection of good analytical tools are</li> <li>✓ Helium replacement method can be used for the determination of</li> </ul>
<b>Feedback summary of session</b>	Attached
<b>No of feedback received</b>	46
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	Session started at 02 PM. Sir has talked about all aspects Session ended at 3.15 pm. All attributes of drug substance which are essential for developing in to effective dosage form was discussed. Session ended at 03.30 pm



## NILA MODULE 11 DAY2

<b>Date</b>	23/8/20
<b>Day</b>	SUNDAY
<b>Time</b>	11:00am- 12:30pm, 2:00PM-3:30PM
<b>Session</b>	Morning
<b>Speaker</b>	Dr. Rajkumar M Deputy General Manager, Clinical Research, USV Limited, Mumbai
<b>Topic</b>	Time: 11.00AM - 12.30PM <i>Topic</i> : IVIVC Time: 02.00PM - 03.30PM <i>Topic</i> : Physiologically Based Pharmacokinetic (Pbpb) Modelling
<b>No of participants attended the session</b>	MORNING 71 AFTERNOON 77
<b>Name of the conveners with designation</b>	Dr. Manju Maria Mathews, Profesor Mrs. Elizabeth N Xavier, Assistant Professor
<b>Feedback questions</b>	<p>Morning session</p> <ul style="list-style-type: none"> <li>✓ elect an In vivo Parameters</li> <li>✓ A very important parameter in understanding the behaviour of formulation, especially in early stage development</li> <li>✓ High dose matrix formulation and water soluble drug follows</li> </ul> <p>Afternoon session</p> <ul style="list-style-type: none"> <li>✓ full form of PBPK</li> <li>✓ Physiological relevant model</li> <li>✓ major requirements for PBPK model based prediction</li> </ul>
<b>Feedback summary of session</b>	ATTACHED
<b>No of feedback received</b>	MORNING 71 AFTERNOON 77
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	Session started at 11:00am. Sir has talked about all aspects Session ended at 12:45 pm. All attributes of drug substance which are essential for developing in to effective dosage form was discussed. Session ended at 12:45 pm



**NILA MODULE 11 DAY 3 SESSION 1**

<b>Date</b>	24/08/20
<b>Day</b>	Monday
<b>Time</b>	02.00PM - 03.30PM
<b>Session</b>	1
<b>Speaker</b>	DR. K GOWTHAMARAJAN PROFESSOR AND HOD PHARMACEUTICS DEPT JSS COLLEGE OF PHARMACY, OOTY TN
<b>Topic</b>	THE NEXT GENERATION OF BIOPHARMACEUTICS
<b>No of participants attended the session</b>	67
<b>Name of the conveners with designation</b>	Mr Eby George Assistant professor Department of pharmaceutics Nirmala college of pharmacy, muvattupuzha  Mrs.Ancy IJ Assistant professor Department of pharmaceutics Nirmala college of pharmacy, muvattupuzha
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ Mathematical model of biology, pharmacology, disease and physiology used to describe interaction between xenobiotics and patient:</li> <li>✓ Computer simulation models of pharmacokinetics and pharmacodynamics include: <ul style="list-style-type: none"> <li>✓ OCAT model deals with:</li> </ul> </li> </ul>
<b>Feedback summary of session</b>	Attached
<b>Whether feedback of participants collected</b>	Yes
<b>No of feedbacks received</b>	67



### Brief summary about the session

The session started with a welcome speech and introduction of speaker at 2 pm by Mr. Eby George. Thereafter the session was handed over to the speaker to deliver the talk on the next generation of biopharmaceuticals. He shared the new outcome based research relevant to biopharmaceuticals software. The session wound up by 3 pm followed by a discussion from participants and speaker. Session of day 3 wound up by vote of thanks to Dr. Gowthamarajan sir.

### Resume of speaker

**DR.K.GOWTHAMARAJAN**  
M. Pharm, PhD  
Professor and head of  
Department of pharmaceuticals  
J.S.S. College of Pharmacy,  
Ooty, TN, India



- |                                |   |
|--------------------------------|---|
| 1. Name                        | : Dr. K. Gowthamarajan  |
| 2. Date of Birth               | : 29-5-1971   |
| 3. Residential Address         | : 137, Vijay Nagar, Near Rose Garden<br>Bombay Castle, Ooty-643001                                      |
| 4. Phone                       | : 0423-2443393,      Mobile: 9443089812   |
| 5. Designation                 | : Professor & Head,<br>JSS College of Pharmacy, (JSS Academy of Higher<br>Education & Research, Mysore) |
| 6. Department                  | : Pharmaceuticals   |
| 7. Highest Qualification       | : M. Pharm., Ph.D.  |
| 8. Area of Specialization      | : Pharmaceuticals   |
| 9. Awards & other Achievements | :   |

Indian drug manufacturer association, (IDMA) **Best paper award for the year 2002.**  
Received 09 best poster award (**03 International**)  
Received DST, ICMR&CSIR fellowships for guiding PhDs  
Received CV Raman Fellowship-2011, FICCI, DST, New Delhi





**Research grants:** Received from DST-SERB, DST-FIST, DBT-NER, DBT-CDSA, AICTE-RPS&JSSRG (Around 300L)

**Patent:** 21 (Indian Patents) : Awarded: **03**

**Technology transfer:** 03

**10. Publications** : National: 18 International: 85 (IF range: 2-14)

**11. Presentations** : National: 36 International: 11

**12. Books** : 04

**13. Scientific Talk** : 30

**14. Ph.D. Guideship** : 12

**15. Editor/Reviewer** : Science Direct, Carbohydrate Polymer, World Applied Journal (WASJ), etc

**16. Contact Research** : Apex, Tablet India, Biocon, Dr Reddy's, Phillips, Ethix Pharmaceuticals, Vedic life sciences, etc

**17. Collaboration:** **Indian university** : (Bharthiyar, Hyderabad, LPU):

: **Foreign University** : (Ibdaan, Pretoria)


: **Industry** ((Zimpharmaceuticals, Ceuticslab, USA)

**18. Experience** : 21 years

**19. Contact** : gowthamasang@jssuni.edu.in



#### NILA MODULE 11 DAY 4

<b>Date</b>	25/8/2020
<b>Day</b>	Tuesday
<b>Time</b>	11.00Am to 1.00Pm
<b>Session</b>	FN
<b>Speaker</b>	Dr. Karri VVS Narayana Reddy, JSS College of Pharmacy, Ooty
<b>Topic</b>	Design of experiments
<b>No of participants attended the session</b>	73
<b>Name of the conveners with designation</b>	Mr. Dhanish Joseph and Miss Sonia Ninan assistant professor
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ Drug interactions will be studied in</li> <li>✓ which is not true about doe</li> <li>✓ why doe to be applied in formulation development</li> </ul>
<b>Feedback summary of session</b>	ATTACHED
<b>No of feedback received</b>	73
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	The session was started at 11.00am; Miss Sonia Ninan has given the welcome address. Sir explained from the basics onwards about the older method of research (trial and error ) statistics, Half normality plot, Need of DoE, Importance of DoE, Selection of Design, types of design, Analysis, Optimization methods etc,. The session continued till 1.00pm. At the end during the Q& A Session people clarified their doubts on the topics. Finally Mr. Dhanish Joseph has given the vote of thanks.
<p style="text-align: center;"><b>RESUME OF SPEAKER</b></p> <div style="display: flex; justify-content: space-between;"> <div> <p><b>Name:</b> Dr. Karri V V S Narayana Reddy, M.Pharm., Ph.D.</p> <p><b>Position:</b> Faculty, Department of Pharmaceutics, JSS College of Pharmacy, Ooty, JSS Academy of Higher Education and Research, Mysuru.</p> <p><b>Biography</b> Dr. Karri V V S Narayana Reddy is working as faculty at Department of Pharmaceutics, JSS College of Pharmacy, Ooty, India. He has completed his PhD at the age of 29 years from JSS Academy of Higher Education &amp; Research. He has received INSPIRE FELLOW AWARD from Department of Science and Technology, Govt. of India, New Delhi for pursuing his PhD. His area of interest is on Pharmaceutical Nanotechnology in Topical and Transdermal Drug</p> </div> <div>  </div> </div>	

Delivery, Cancer Drug Targeting, Wound Healing and Tissue Engineering products. He has published more than 60 papers in reputed journals with a **Cumulative Impact Factor (IF): 87.27, IF Range: 1.1-9.0, Citations: 350+ and h-index: 10.**

He is the co-principal investigator of the projects funded by DST-FIST and DST-Nanomission.

**He has also written 06 book chapters for his credit**

Presently, Karri V V S Narayana Reddy is engaged in various consultancy works including development of collagen-based drug delivery systems for diabetic wound healing.

#### **Guidance**

He has guided more than 30 UG and PG students, currently he is guiding 04 PhD Scholars.

#### **Honors and recognitions**

- He has been Selected as Question Paper Setter for GPAT examination 2019 and 2020 from National Testing Agency (NTA), New Delhi
- He has delivered many invited lectures on topics QbD, Design of Experiments, Publications etc., in various institutions of Andhra, Kerala, Tamil Nadu and Karnataka.

He has been serving as a reviewer for

Advances in Wound Care, International wound journal, International Journal of Pharmaceutics, Saudi Journal of Biological Science, Journal of drug delivery science and technology, AAPS PharmSciTech, Journal of Pharmaceutical Investigation, Journal of Nanostructure in Chemistry, Artificial Cells, Nanomedicine and Biotechnology, Pharmaceutical Development and Technology, Journal of Microencapsulation, Current Drug Targets, Bentham Sciences, Current Drug Delivery, Anti-Cancer Agents in Medicinal chemistry, DARU Journal of Pharmaceutical Sciences.



**NILA MODULE 11 DAY 5**

<b>Date</b>	26/8/20
<b>Day</b>	WEDNESDAY
<b>Time</b>	11.05AM - 12.30PM
<b>Session</b>	FN
<b>Speaker</b>	DR.VVS NARAYANA REDDY KARRI M. Pharm, PhD Lecturer J.S.S. College of Pharmacy, Ooty, TN, India
<b>Topic</b>	Pharmaceutical Design of Experiments
<b>No of participants attended the session</b>	65
<b>Name of the conveners with designation</b>	Mrs.Flowerlet Mathew Assistant Professor  Dr.Fels Saju Assistant Professor
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ find the problem with quality by testing</li> <li>✓ class to which acetriptan belongs</li> <li>✓ simplex method corresponds to</li> </ul>
<b>Feedback summary of session</b>	ATTACHED
<b>No of feedback received</b>	65
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	The session was started at 11.00am; Miss Flowerlet mathew has given the welcome address. Sir explained from the basics onwards about the Pharmaceutical Design of Experiments. The session continued till 12.15pm. At the end people clarified their doubts on the topics. Finally Mrs Flowerlet Mathew has given the vote of thanks.



### NILA MODULE 11 DAY 6

<b>Date</b>	27/8/20
<b>Day</b>	SATURDAY
<b>Time</b>	11 AM - 12.30PM
<b>Session</b>	FN
<b>Speaker</b>	DR. M.K. UNNIKRISHNAN M. Pharm, PhD Principal National college of pharmacy Kozhikode, Kerala, India
<b>Topic</b>	Understanding the Peer Review Concepts
<b>No of participants attended the session</b>	62
<b>Name of the conveners with designation</b>	Mr Eby George Mrs.Ancy IJ
<b>No of feedback received</b>	62
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	The session was started at 11.00am; Miss Ancy IJ has given the welcome address. Dr. Unnikrishnan Sir explained from the basics onwards about the peer reviewing concepts. The session continued till 12.15pm. At the end people clarified their doubts on the topics. Finally Mrs Ancy IJ has given the vote of thanks.
<p style="text-align: center;"><b>Resume of speaker</b></p> <p><b>Biographical Sketch</b></p> <ul style="list-style-type: none"> <li>• Prof Dr MK Unnikrishnan (MKU) completed BPharm from BITS, Pilani in 1978 and PhD from Mangalore University in 1997. He currently teaches Pharmacotherapeutics, Pharmacology, and Drug Discovery. He has guided over 12 PhD students and has published about 200 articles in various peer reviewed journals. [Scopus Citations: 1539, h index: 21 and Google Scholar citations: 3419, h index:31.</li> <li>• MKU's major areas of interest are Drug discovery, Evolution, Cognition, Public health and Education. He presently holds 4 patents in his name.</li> <li>• His most recent work in collaboration with Boston University, USA titled "Challenges constraining availability and affordability of insulin in Bengaluru region (Karnataka, India): evidence from a mixed-methods study" published in BMC Journal of Pharmaceutical Policy and Practice got wide media attention.</li> </ul>	





- He is a member of the Society of Evolutionary Medicine and Public Health, USA, and publishes in his nascent disciplines. He is also an Editorial board member of “Scientific Reports”, a Nature Group Publication.
- MKU’s articles published in the Economic and political weekly, Health Policy and Planning, etc. discuss various contemporary socio-political problems in Indian Healthcare. He also contributes general articles in newspapers and Magazines discussing healthcare issues with socio-political relevance.
- After 33 years of teaching experience in Manipal College of Pharmaceutical Sciences, he is presently Professor of Pharmacology and Principal, National College of Pharmacy, Kozhikode, Kerala.

## Speaker

**DR. M.K. UNNIKRISHNAN**  
M. Pharm, PhD  
Principal  
National college of pharmacy  
Kozhikode, Kerala, India



<b>Date</b>	27/8/20
<b>Day</b>	SATURDAY
<b>Time</b>	2 PM - 3.30PM
<b>Session</b>	AN
<b>Speaker</b>	Associate Professor & Chair Department of Pharmacy Practice College of Pharmacy, Gulf Medical University
<b>Topic</b>	Pharmacoeconomics and Outcomes Research
<b>No of participants attended the session</b>	62
<b>Name of the conveners with designation</b>	Mr Eby George

	Assistant Professor Department of pharmaceutics  Mrs.Ancy IJ Assistant Professor Department of pharmaceutics
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ Economics for an organization is:</li> <li>✓ In case of a vaccine, salary of the nurse who immunize is:</li> <li>✓ Which of the following is not true with Pharmacoeconomic study?</li> </ul>
<b>Feedback summary of session</b>	Attached
<b>No of feedback received</b>	62
<b>Whether feedback of participants collected</b>	YES
<b>Brief summary about the session</b>	The session was started at 2.00PM; Miss Ancy IJ has given the welcome address. Dr. Dixon Sir. Sir had explained from the opportunities and impact of pharmacoeconomics in current scenerio. The session continued till 03.15pm. At the end people clarified their doubts on the topics. Finally Mrs Ancy IJ has given the vote of thanks.
<p style="text-align: center;"><b>Resume of speaker</b></p> <p><b>Dr. Dixon Thomas</b> is working as an Associate Professor of Pharmacy Practice and Chairs Department of Pharmacy Practice at Gulf Medical University (GMU), Ajman, United Arab Emirates. He practices as Drug Information Pharmacist and Director of the Center for Drug Information &amp; Evidence-Based Pharmacy at Thumbay University Hospital. He started his work with GMU as an Assistant Professor of Pharmacy Practice in November 2014. In addition to the above-mentioned responsibilities, he is the Chair of Quality Assurance and Program Evaluation Committee.</p> <p>He had a diploma, bachelor's, master's and PhD degrees in Pharmacy, master's degrees in education, psychology and currently pursuing an MBA.</p> <p>He is widely regarded as an expert of clinical pharmacy practice, quality in pharmacy education, drug information and evidence-based practice. Special mentions are;</p> <ul style="list-style-type: none"> <li>• successfully completed Ministry of Education Accreditation of pharmacy programs and its International Program Certification of PharmD by Accreditation Council for Pharmacy Education, USA</li> <li>• foundation of the master's in clinical pharmacy program and revision of PharmD curriculum at GMU</li> <li>• published an Elsevier book with 83 contributors from 25 countries titled Clinical Pharmacy Education, Practice and Research;</li> </ul>	



<https://www.sciencedirect.com/book/9780128142769/clinical-pharmacy-education-practice-and-research>

- consultancy services in pharmacoeconomics and outcomes research and pharmacy education
- establishment of a center for drug information and evidence-based practice at Thumbay University Hospital



## NILA MODULE 11 DAY 7

<b>Date</b>	28/8/20
<b>Day</b>	FRIDAY
<b>Time</b>	11:00am- 12:30pm
<b>Session</b>	Morning
<b>Speaker</b>	Dr. Shyam Sunder V Pancholi
<b>Topic</b>	Challenges in extemporaneous compounding
<b>No of participants attended the session</b>	70
<b>Name of the conveners with designation</b>	Dr. Manju Maria Mathews, Professor Mrs. Elizabeth N Xavier, Assistant Professor
<b>Feedback questions</b>	<ul style="list-style-type: none"> <li>✓ extemporaneous preparation needs the skill of</li> <li>✓ example of an extemporaneous preparation</li> <li>✓ extemporaneous preparations are prepared on</li> </ul>
<b>Feedback summary of session</b>	Attached
<b>No of feedback received</b>	70
<b>Whether feedback of participants collected</b>	Yes
<b>Brief summary about the session</b>	<p>Session started at 11:00am. Sir has talked about all aspects of extemporaneous compounding including raw materials, water, container, closures, presence of moisture etc. Session ended at 12:45 pm.</p> <p>As it was the last day of webinar, session ended with valedictory function where Administrator, Rev. Fr. Jose Mathai Myladiath addressed the audience and Mr. Dhanish Joseph proposed the vote of thanks.</p>

### Resume of speaker

#### Speaker

**DR. SHYAM SUNDER V PANCHOLI**  
Former professor  
College of Pharmacy,  
Jazan , Kingdom of Saudi Arabia



### Brief Profile of Dr. S. S. Pancholi

S S Pancholi, Professor at College of Pharmacy, Jazan University was Principal of Babaria Institute of Pharmacy(2010-2014), has earlier served as Professor & Head, Quality Assurance, at S K Patel College of Pharmaceutical Education and Research, Ganpat University, Kherva, Mahesana(2007-2010). He also held the position of Dean, Faculty of Pharmacy of Ganpat University. Dr. Pancholi has a blend of industrial, academic and research experience. Served Core Healthcare Ltd. for 2 years as TQM officer and lead the team for ISO certification. He is in Pharmacy teaching profession since 1997 and has worked in different capacities at Lachoo College, Jodhpur, B R Nahata College, Mandsaur, Dhanvantary College, Kim, Ganpat University, Babaria Institute and presently at Jazan University.

He is a 1993, graduate (B.Pharm.) from B N Institute of Pharmaceutical Sciences, Udaipur. He has worked on “Chromatographic fingerprinting of Ocimum species” for his M.Pharm. (Quality Assurance) supervised by Prof. C. J. Shishoo, and Prof. S. A. Shah, at L.M. College of Pharmacy, Ahmedabad. His Ph. D Dissertation work was on “Preparation and Characterization of Fast Dissolution Dosage Forms of Some Poorly Soluble Drugs”, supervised by Prof. G.P. Agrawal, at Department of Pharmaceutical Sciences, Dr. H.S. Gour University, Sagar. He is also a Law graduate (LLB) from JNV University, Jodhpur and has obtained General Certificate on Intellectual Property from WIPO academy and PGDIPR from IGNOU.

He has guided till now 28- B.Pharm. Projects; 30- M. Pharm. Thesis and 18- Ph.D, and 10 Pharm.D students have completed their research projects under his supervision. He has to his credit 2 Indian Patents and 97 publications (36- international and 61- national) and 48 presentations in conferences and 21 invited lectures. He has been invited in various seminars to chair the scientific proceedings. He has undertaken several industrial, research and consultancy projects and convened QIPs and SDPs. He is active life member of APTI, ICS and IPA. His interest includes- Formulation development, Analysis, Quality management and IPR





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**NIRMALA COLLEGE OF PHARMACY**  
MUVATTUPUZHA, KERALA, INDIA

**NBA**  
NATIONAL BOARD  
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# Certificate of Participation

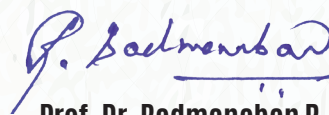
One Week International conference on  
**'Applications of Computational Clinical Biopharmaceutics in  
Pharmaceutical Product Development'**


Sponsored by AICTE




This is to certify that Prof./Dr./Mr./Ms. ....**Sumayya Navas** (Nirmala College  
of pharmacy)... has participated in the international conference on  
'Applications of Computational Clinical Biopharmaceutics in  
Pharmaceutical Product Development' held from 22<sup>nd</sup> to 28<sup>th</sup> August 2020  
under NILA 2020 : Module 11 organized by Department of Pharmaceutics,  
Nirmala College of Pharmacy, Muvattupuzha, Kerala, India.

  
**Fr. Jos Mathai Mailadiath**  
Administrator

  
**Prof. Dr. Badmanaban R**  
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**Prof. Dr. Deepa Jose**  
Vice Principal &  
Joint Convenor



Dated: 16<sup>th</sup> June, 2020

F. No.67-67/RIFD/GOC/POLICY-1/2018-19

**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**GOC - Sanction Letter for E-Conference**

To

The Director/ Principal/ Registrar  
Nirmala College of Pharmacy,  
Muvattupuzha, Ernakulam-District,  
Kerala-686661

**Subject:** To organize Conference in online mode i.e. **E-Conference** under the scheme **Grant for Organizing Conference (GOC)**-reg.

Sir/ Madam,

With reference to the Sanction Letter No.67-67/RIFD/GOC/POLICY-1/2018-19 dated-15.11.2019 and proposal submitted by your institute, this is to convey that an amount of Rs. **34,000/- (Rupees Thirty four thousand only)** was sanctioned and released to your institute in the month of December-2019 for organizing Conference under the scheme **Grant for Organizing Conference (GOC)**, as per details given below:

1.	Name and address of the Beneficiary Institution:	<b>Director/ Principal/ Registrar</b> Nirmala College of Pharmacy, Muvattupuzha, Ernakulam-District, Kerala-686661
2.	Permanent ID of Institute:	1-7625071
3.	Title of Conference:	Applications of Computational Clinical Bio pharmaceuticals In Pharmaceutical Product Development
4.	Name of Coordinator:	Dr. Manju Ottukalathil

The grant was released to the institute's account as per details given in table below:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT N833 5P	STATE BANK OF INDIA	Muvattupuzha	SBI, ARAMMANA COMPLEX, Muvattupuzha	ADMINISTRATOR & PRINCIPAL	Saving Account	10246054746	SBIN0008652

The grant was released to organize the conference in physical mode, but due to outbreak of COVID-19, the Council has decided to give option to the institutions to organize the conference in online mode only i.e. E-Conference with additional terms and conditions.

**Note:**

1. If your institute has organized the conference in the stipulated time, then you are intimated to submit the requisite documents along with balance amount, if any.
2. If your institute has not organized the conference after receipt of grant, then you are allowed to organize the conference in online mode i.e. E-Conference within 6 months of receipt of this letter.
3. If your institute does not want to organize the **E-conference**, then you are required to refund the complete grant along with the interest accrued thereon.
4. The grant from AICTE will be **Rs. 34,000 or 1/3<sup>rd</sup> of the total expenditure incurred** for organizing the **E-Conference**, whichever is lesser. Rest amount is required to be refunded to AICTE.





## **The instructions/guidelines to be followed by College/Institution**

### **I. Limit of Funding**

- The grant from AICTE will be **Rs. 34,000** or **1/3<sup>rd</sup> of the total expenditure incurred** for organizing the **E-Conference**, whichever is lesser.
- The balance amount should be immediately refunded to AICTE with interest accrued thereon.

There may be the following expenditure heads under **E-Conference**:

- Certificate/Brochure and other documents designing.
- Conference website designing & updating.
- Honorarium to Experts/ Resource Persons.
- Publication of proceedings.
- Miscellaneous.

### **II. Submission of documents by college/institution to AICTE on receipt of this letter/grant**

- The Acceptance letter with dates for Organizing **E-Conference** should reach this office within 15 days from the date of receipt of this Sanction Letter duly signed and sealed by Coordinator and Head of the institution along with permission/clearance of Govt. of India for organizing E-Conference.

### **III. Maintenance of accounts**

- The Institute shall strictly follow the provisions laid down in this Letter No. F. No. 67-67/RIFD/GOC/Policy-1/2018-19 dated: 16-06-2020 issued by this office. All correspondence related to the conference must contain this number along with year of sanction of the conference failing which correspondence will not be entertained.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grant.
- The Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

### **IV. Refund of grant to AICTE (by way of a demand draft in favour of Member Secretary, AICTE, New Delhi)**

- In case the event is cancelled or institute does not want to organize the E-Conference, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- The grant shall be refunded to AICTE if the Letter of Approval (LOA) or Extension of Approval is not issued by AICTE to the institute for the academic year 2019-20.
- The proposed/approved **E-Conference** shall be conducted within 6 months from the date of receipt of this letter. If **E-conference** is not conducted within stipulated time period, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE within one month, failing which penalty @ 18% will be levied.
- Interest accrued on the grant released, shall be refunded to AICTE.
- No payment is permissible against the conference **already conducted** before the receipt of grant. Institutions are liable to refund the grant if received after the conduct of conference and have no plan of conducting the **E-conference** ahead.
- As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

### **V. Submission of documents by college/institution to AICTE after conduct of conference**

The following documents must be submitted to AICTE within a period of one month, from the date of conduct of Conference:



Dated: 16<sup>th</sup> June, 2020

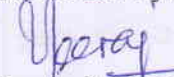
F. No.67-67/RIFD/GOC/POLICY-1/2018-19

- a. Feedback form in the prescribed proforma.
- b. Original Statement of actual Expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- c. Copy of the proceedings/Project completion report.
- d. Attested photocopies of supporting vouchers/bills of expenditure incurred for Organizing Conference.
- e. Soft copy of photographs of conference.
- f. One video of 1-minute duration mentioning: (i). Introduction of the Coordinator mentioning the name and state of institute. (ii). Conference details and achievements attained through Conference (iii). How the Conference was beneficial to students, faculty and institute? (iv). Thanking message for AICTE support.

#### VI. General instructions

- a. Any Change in the programme for holding Conference, change of Coordinator name, Venue and Date should be effected with prior approval of the Council, failing which the sanction for the grant already issued would be treated as automatically withdrawn.
- b. The assets acquired wholly or substantially of the All India Council for Technical Education's grants shall not be disposed or encumbered or utilized for the purposes other than those for which it was given without proper sanction of the Council and should, at any time the Institution ceased to function, such assets shall revert to the All India Council for Technical Education.
- c. The beneficiary institute will make best efforts to promote the scheme by mentioning the sponsorship/support from AICTE, carrying the Logo of AICTE in conference and other means.
- d. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.

Yours sincerely,

  
Neeraj Saxena  
Advisor (IDC)

Copy forwarded for information and necessary action to:

**1. Name and Address of the Coordinator**

Dr. Manju Ottukalathil,  
Nirmala College of Pharmacy,  
Muvattupuzha, Ernakulam-District,  
Kerala-686661

**2. Guard File**

