



NEWS LETTER Pharmaessence



His Excellency
**Rt. Rev. Dr. George
Madathikandathil**
Patron



**Rev. Dr. Msgr. Pius
Malekandathil**
Manager



ADMINISTRATOR'S MESSAGE Rev. Fr. Jose Pulloppillil

Nirmala College of Pharmacy is a golden mark in the field of Professional Education, exemplifying the pedagogical commitment and experience of the Catholic Diocese of Kothamangalam. The college aims at the development of students with academic excellence coupled with integrity of character. The college provides excellent infra structural facilities with all modern provisions, dedicated and experienced faculties with a vision to develop the institution into a proficient Academic-Research Centre. The efforts taken by the college towards the achievement is not only in academic performance and extracurricular activities, but also in inculcating the moral values in the minds of students which are really commendable. The academic year 2021-2022 proved to be full of remarkable achievements and success for our students in a whole range of student development activities and academic work.

It is a matter of great pride and joy that Nirmala College of Pharmacy is bringing out the Newsletter 'Pharmaessence' to bring out institutional activities and scientific knowledge of the faculty and students. I congratulate all those who are involved in this venture. I take this opportunity to congratulate the Principal, Faculty and Students for their efforts in making this academic year a blissful one.



PRINCIPAL'S MESSAGE Prof. Dr. Badmanaban R

We have come a long way since 2004. It is gratifying to record the achievements, Nirmala College of Pharmacy has achieved in every step of its way. Today, the challenges are formidable and the constraints unceasing, yet, I am confident that we will meet the challenges in the coming years and lead from the front in realizing the unlimited possibilities of the future and fulfill its responsibilities in pharmaceutical education, research and outreach.

We have excellent faculty members and quality students from all parts of India. Our faculty colleagues recognize our core vision of empowering our future generation and practice the art of teaching with a student-centered and transformational approach. The excellent infrastructure at our College, both educational and extra-curricular, extensively demonstrates the significance of ambiance in promoting focused learning for our students.

Students must be taught how to think, not what to think and to facilitate this, our college Newsletter will construct its every issue, and a milestone that marks our growth, unfolds our imaginations and formulate our aspiration. I am sure that it will provide a platform for both, Teachers and Students to ventilate their novel ideas to make this issue interesting and thought-provoking. I challenge you to dream, work smart and struggle for excellence and solicit you to enjoy the journey around.

A mass Covid vaccination drive was conducted for students and staff of Nirmala College of Pharmacy, Muvattupuzha on 26th July, 2021. Administrator Rev. Fr. Jos Mathai Mailadiath inaugurated the vaccine

drive and Principal Dr. Badmanaban R. welcomed the team. The vaccination team involved a total of 8 members which included a Doctor, 5 Nurses, and 2 Supporting staff of Holy Family Hospital, Muthalakodam, Thodupuzha.

A total of 232 COVISHIELD vaccine doses were administered to students. The members of Covid Jagratha Committee and NSS unit of the institution coordinated for the smooth functioning of the drive.

JULY 26 COVID VACCINATION DRIVE



AUGUST 25-27 & 31 FDP

A four day online in-house Faculty Development Program on "Innovative idea, strategies for writing successful grant proposal and importance of IPR" was organised by Research and Development Cell in association with Institution Innovation Council of Nirmala College of Pharmacy, Muvattupuzha on 24th,25th ,26th and 31st August 2021.

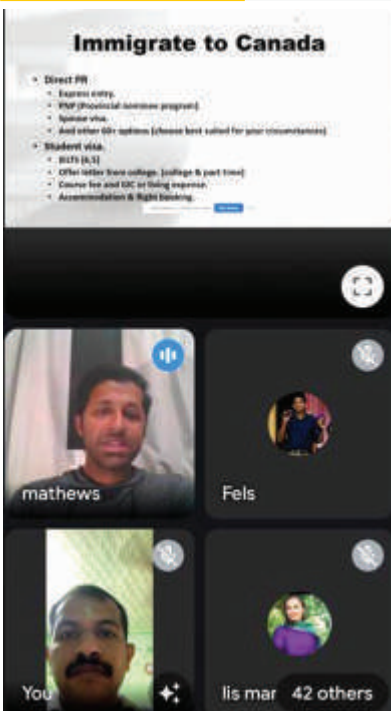
The session included various activities to promote the importance of Patent filing and stages of filing patent application. Eminent personalities of pharma field from all over India handled the webinar series . The resource personalities were Dr. Bikash Medhi, PGIMER, Chandigarh, India, Mr.Sachin Gangadhar Lokapure, Assistant Professor ,Department of Pharmaceutical Chemistry, Appasaheb Birnale College of Pharmacy, Maharashtra, India., Dr. Vandana B Patravale,Professor of



MrSachin G. Lokapure delivering talk on "Introduction on Patent system and Grant procedure in India"

Pharmaceutics ,Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology (ICT),Mumbai, Maharashtra, Dr. Yogesh A. Kulkarni, Associate Professor & Associate Dean, Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, SVKM's NMIMS, Mumbai.

AUGUST 30 Webinar on Future of Pharmacist in Canada



A webinar was organized by Placement Cell for students of VIth, Vth and IVth PharmD along with seventh and fifth semester B.Pharm on 30-08-2021 at 11 am. The topic was "Future of Pharmacist in Canada" and the resource person was our Alumnus Mr. Mathews George from 2012-2016 batch B. Pharm. The speaker is an Alumni of Sheridan College of Pharmacy where he took his PG Diploma in Pharmacy Technician program. The program immensely benefited the students who were planning their higher education in

September 10 GUEST LECTURE



Department of pharmaceuticals organized a guest lecture on the topic "An overview of careers in Pharmaceutical Regulatory Affairs" by Mr Gistin George, Pfizer legacy brand support - Global regulatory affairs, Chennai. The session put forward the role of pharmacists in the regulatory affairs department of pharmaceutical industry, different departments under the RA, need of regulatory affairs world wide, necessities of common technical documents and also outlined how the local and International companies leverages from the regulatory department.

Department of Pharmacy Practice
Cordially invites you all
to
The International Webinar
on
"A pathbreaking perspective in Pharmacy Practice - An international viewpoint"
Targeted Audience: Staff & students of B. Pharm,
M. Pharm (Pharmacy Practice) & Pharm D.

SAVE THE DATE: 15 SEPTEMBER 2021
(9:30 AM TO 1:00 PM)

Organised by:
Nirmala college of Pharmacy, Muvattupuzha, India.
In affiliation with
Faculty of Pharmacy, AIMST University, Malaysia.

Topic	Time
Bias and Confounding in Clinical research Dr. Sam Aaseer Thamby	09:30 - 10:45 AM
Need For Nutrition Education and Training in Pharmacy Ms. Sireesha Paruchuri	10:45 - 11:45 PM
Geriatric Care - A Socio Economic Perspective Mr. Ganesh Pandian Balasubramanian	12:30 - 02:45 PM

To register: <https://www.zoom.us/j/91710164223333070>

Registration Fee is Rs. 200 (Students) & Rs. 300 (Prof's). Amount Payable to: The Administrator, Nirmala college of Pharmacy
Bank: Catholic Syrian Bank (A/C No: 8123003007119500) Branch: Karkkumangalam
A college fee per in bank and email the details to college@nirmalacollege.edu
The fund will be donated for a charitable cause.

Organizing committee:
Dr. Jeeva Mathan, (Coordinator), (Administrative), (Dr. Anandaraman B (Principal),
Dr. Vinay George (R.D), Dr. Saranya Geeta Devi, Dr. Rishi Jayaraj, Mathan,
Dr. Jeeva Mathan, P. Dr. Deepa Aruna Jothi, Dr. Mani Joseph, Dr. Arin
Rathin Rajagopal.

September 15 WEBINAR

Department of Pharmacy Practice in affiliation with faculty of Pharmacy, AIMST University, Malaysia organized an International Webinar on "A Pathbreaking Perspective in Pharmacy Practice – an International View Point "on 15th September 2021. The participants were staff & students of B.Pharm, M. Pharm (Pharmacy Practice) & Pharm D from various colleges. The speakers were Dr. Sam Aaseer Thamby who gave insights on bias and confounding in clinical research, Ms. Sireesha Paruchuri , who handled a session on need for nutrition education and training in pharmacy and Mr.Ganesh Pandian Balasubramanian who took a class on geriatric care – a socio economic perspective.

September 18

WEBINAR



An interactive session was organized by Department of Pharmaceutics in online platform – google meet on 18th September 2021 in its endeavour to empower students with strong career knowledge .The resource person was Mr. Hareesh Bollu, Formulation Specialist-FRD,Dr. Reddy's Laboratories, Hyderabad. The session was attended by 12 participants including M. Pharm students and faculties of the department. Mr.Hareesh Bollu, speaker of the session opened lecture on topic “Career opportunities in Formulation R&D”. He projected clear understanding of the procedures undertaken by formulation

department. Also the session unfolded a roadmap on formulation of Oral Solid dosage forms, from the pioneer step of assigning a project to the final commercialization of product. He particularly emphasized on the roles of formulation specialist and the best skills that help freshers to get fit into this job.

September 30

WEBINAR

Department of Pharmaceutical Chemistry organized a webinar in Google Meet on the topic "Role of Molecular Docking and ADME in Drug Discovery using SeeSAR and StarDROP" on 30th November 2021.The resource person was Devika Benoy, Technical consultant, Zastr Innovation, Bengaluru.The aim of the webinar was to give the participants an insight into the concept of Role of Molecular Docking and ADME in Drug Discovery.

December 3

SEMINAR



Department of Pharmaceutical Chemistry organized a seminar on the Topic : Natural Products as Potential Anticancer Lead Molecules: From Idea to Market on 3rd December 2021.

The resource person was Dr. Ruby John Anto, Scientist, Rajiv Gandhi Center for Biotechnology, Trivandrum.

The aim of the seminar was to give the participants an insight into the concept of cancer drug development from natural products. The program was organized by Department of Pharmaceutical Chemistry, Nirmala College of Pharmacy, Muvattupuzha.

December 13

WORKSHOP ON INTERVIEW ORIENTED SOFT SKILL TRAINING

Transorze solutions, Cochin conducted a One Day Workshop on “Interview Oriented Soft Skill Training” on 13/12/ 2021. Eighth Semester B.Pharm and Fifth PharmD students participated in the same.The program started with a welcome speech by Dr. Prasanth B, Head, Training and Placement Cell, followed by inaugural address by Dr. Badmanaban R, Principal. Ms. Neenu Prasad,(M.Sc Nursing) Training Manager discussed the need for professional etiquette while attending interview. She stressed the importance of professional



attire and dress code during interviews. Ms. Neenu explained regarding different types of interviews. She elaborated on the types of questions which can be expected during an interview.

She also conducted mock interview for five students who volunteered from the group and made suitable suggestions after each interview. Ms. Abhirami S Prakash, Senior Business Development Officer, give a detailed talk on scope of Medical scribing as a promising profession for graduates in health sector and their future prospects. Dr. Fels Saju, Coordinator, Career and Guidance Cell proposed the Vote of thanks.

February 21 Workshop on Confidence Building and Success Strategies

A Workshop on “Confidence Building and Success Strategies” was organised by Training and Placement cell, IEDC and IIC on 21/02/2022 for Ist and IInd Semester B.Pharm as well as Ist and IInd PharmD students. The Resource Person was Dr. Ruble Raj, Former Principal, Marian College, Kuttikkanam. Dr Ruble Raj started the session by interacting with students regarding the concept of success. He highlighted the different parameters which are important for Confidence Building which should be practiced by the students at college level. He elaborated in detail the concept of prioritization in day- to-day activities and how it can bring about a change in students life. Dr Ruble concluded the session with the feedback from student regarding the change they are going to make after attending the session.



Dr. Ruble Raj
Former Principal, Marian College, Kuttikkanam &
Manager- Academics & Administration
Good Shepherd Public School & Junior College,
Thiruvalla

Date : 21/02/2022
Time: 9.30 am - 12.30 pm

Organised by
Training & Placement Cell, IEDC & IIC

Organising Committee
President: Rev. Fr. Jos Mathai Mailadiath
Secretary: Prof. Dr. Badmanaban R.
Member: Dr. Deepa Jose
Member: Mrs. Lins Mary Joy
Member: Mrs. Nancy Jose
Member: Dr. Dona Maria Jetto

Participants
I & II Sem B.Pharm
I & II Pharm D

February 22 MEDICAL CAMP

The student and staff welfare committee of Nirmala college of pharmacy, Muvattupuzha, organized an awareness programme on Post Covid Care and Health Check-up for Covid affected individuals by Govt. Homeo Hospital, Muvattupuzha on 22/2/22 . The medical support was availed by 70 students and 19 staff members of the college. The medical care was provided to all the students in the college and their medical records were updated.

February 28 Nirmala Pharma Exhibition 2022



AWARENESS PROGRAMME ON POST COVID CARE AND HEALTH CHECKUP



Dr.Chithra BHMS MD.
Resident Medical Officer

Dr.Rizwana BHMS
Medical Officer.

Organized By
Student and Staff Welfare Committee
Nirmala college of Pharmacy
Muvattupuzha

Organizing Committee

Chief Patron :Rev.Fr.Jos Mathai Mailadiath
Convenor :Dr.Badmanaban.R
Co-Convenor :Dr.Deepa Jose
Coordinators :Mrs.Lins Mary Joy
Mrs.Nancy Jose
Dr.Dona Maria Jetto

Nirmala College of Pharmacy has organized Nirmala Pharma Exhibition 2022 on 28th February 2022 for the school students to make them aware about the National Science day and also provided awareness about the pharma filed and its innovations. National Science Day's primary objective is to ignite an interest in science, inspire people, especially students, to perform new experiments, and make them aware of the latest developments in science and technology. Several scientific activities and programs were organised on this day.530 students from various schools participated in the event.

March 5

NILA Module 13

Nirmala Ignites Learning Aspiration

National webinar on

“DATA INTEGRITY- A NEW CHALLENGE”

Organized by Department of Pharmaceutical Chemistry

Resource Person:



Dr. Muddukrishna B.S, M.Pharm, Ph.D

Associate Professor

Dept. of Pharmaceutical Quality Assurance

Manipal College of Pharmaceutical Science,

Manipal

Date: 05/03/2022

Time: 11:00am to 12:30pm

Administrator: Fr. Jos Mathai Mooladiath

Convenor : Dr.Badmanabhan R, Principal NCP

Joint Convenor: Dr.Deepa Jose, Vice Principal

NILA Module 13 was conducted as a National webinar on “DATA INTEGRITY- A NEW CHALLENGE” on 05th March 2022. Dr. Muddukrishna B.S, M.Pharm, Ph.D. Associate Professor, Dept. of Pharmaceutical Quality Assurance, Manipal College of Pharmaceutical Science, Manipal delivered the talk.

The aim of the webinar was to give the participants an insight into the concept of importance of data Integrity. The program was organized by Department of Pharmaceutical Chemistry, Nirmala College of Pharmacy, Muvattupuzha.

Workshop on Self Defense for Women and Children



The Student Support Guidance Program (SSGP) of Nirmala College of Pharmacy organized a half day workshop on the topic 'Self Defense for Women and Children' on 11th May 2022 for first year B.Pharm and Pharm D students. Senior Civil police officers Mrs. Sindhu M.K, Mrs.Biji K.N. and Ms.Ambili M.M, Ernakulam District handled the sessions. They trained students on various techniques to be used in situations of sudden physical attack, chain robbery, rape etc. The training also included warm up exercises.

March 8

INTERNATIONAL WOMEN'S DAY



Women Cell of NCP has organized International Women's Day celebration on 8th March 2022. The main spotlight of this program was the Mehendi competition and Hair style competition, 11 groups each with two students participated. The winners were awarded with cash prizes. An awareness class on Polycystic Ovarian Disease was also given for students.

May 31

World No Tobacco Day Awareness Programme

As part of world no tobacco day SSGP and extra curricular unit of Nirmala College of Pharmacy organized an awareness class. Sub Inspector C.P . Basheer was the chief guest. He delivered a contentful message regarding the harmful impact of drugs on our body and health. He included detailing of cases that he has witnessed in his career life. The importance of having moral values in life was also highlighted. Participants took a pledge that they will never use tobacco or tobacco products in their life time.



Resource person : C.P. Basheer, S I of Police

Muvattupuzha



CO CURRICULAR COMMITTEE
IN ASSOCIATION WITH SSCP

10.30am

May 31

Workshop on “Intellectual property rights (IPRs) and IP management for start-up”



Department of Pharmaceutics, in association with IIC and IEDC organised the workshop on “Intellectual Property rights and IP management for start –up” on 31/05/2022. Resource Person was Mr. KRISHNA PRASAD, Project Scientist ,Intellectual property rights Information Centre-Kerala (IPRICK). The session provided brief description about patents, what to be patented and what not. A detailed explanation about how to do prior art search, in various patent offices has been provided, IPC, procedure for patent filing, filing charges etc were also discussed. A hands on training with the support of published patent article was provided.

GRADUATION

June 9



The graduation ceremony of (2016-2020) batch B.Pharm students, (2014-2020) & (2015-2021) batch Pharm D students, (2018-20) and (2019-2021) M.Pharm batch student was conducted ceremoniously on 27th November 2021. Principal Dr.Badmanaban R welcomed the gathering. His excellency Mar. George Madathikandathil, Bishop, Kothamangalam diocese inaugurated the function. Prof. Dr.P Jayasekhar, Former Dean, College of Pharmacy, National University of Science and Technology, Muscat & President, Indian Pharmaceutical Association, Kerala State Branch gave the Graduation Day speech and addressed the students. Msgr. Dr. Pious malekandathil gave the inaugural address. Administrator Rev. Fr.Jose Pulloppillil gave the presidential address. Rev. Fr. Jos Mathai Mailadiath felicitated the occasion. Graduation certificates, gold medal, proficiency certificates and cash prizes were distributed along with mementos.

ROLE OF HISTONE DEMETHYLASES AND HISTONE METHYLTRANSFERASES IN TRIPLE-NEGATIVE BREAST CANCER: EPIGENETIC MNEMONICS



Janice Jacson Mandumpala
Pharm D student



Antriya Annie Tom
Associate Professor,
Department of
Pharmacy Practice

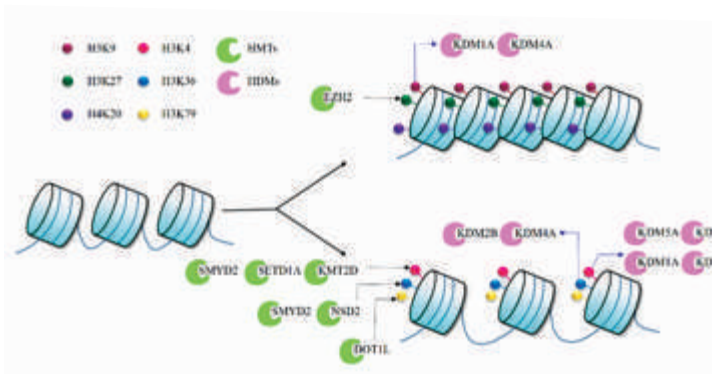
Triple-negative breast cancer (TNBC) is a tumour characterized by lack of expression of estrogen receptors (ER), progesterone receptors (PR), and lack of overexpression of human epidermal growth factor receptors-2 (HER-2). TNBC is highly invasive and has a high early recurrence rate, hence new therapeutic developments are

needed. Based on the molecular heterogeneity, TNBC is classified into 6 subtypes namely – basal-like 1 (BL-1), basal-like 2 (BL-2), mesenchymal (M), mesenchymal stem-like (MSL), immunomodulatory (IM) and luminal androgen receptor (LAR) subtype. Limited success in tailoring the treatment for TNBC has been attributed in part to the high heterogeneity within its molecular subtypes. To optimise treatment benefits in TNBC, various therapies have been explored in clinical studies including immuno- and targeted therapies.

Recent insights into the complexity of TNBC have been explained by epigenetic regulation and its ability to modulate certain oncogenes and tumour suppressor genes. This has opened an emerging area in anti-cancer therapy using epigenetic modulating drugs, highlighting the epigenetic reprogramming during tumorigenesis and tumour development. Histone methylation and demethylation are such dynamic epigenetic mechanisms mediated by histone methyltransferases (HMTs) and histone demethylases (HDMs), respectively. The interplay between HMTs and HDMs in histone methylation extrapolates their viability as druggable epigenetic targets in TNBC

Fig. 1. Cross talk between histone lysine methyltransferases and demethylases in TNBC. Schematic of all the histone methyltransferases and lysine demethylases and histone affecting activation and repression of genes in relation to TNBC development. The black arrows pointing towards histones indicate specific methylation marks written by methyltransferases. The black arrows pointing away from histones indicate demethylation at the specific sites carried out by histone demethylases. H3K27 mark is associated with heterochromatin and is written by EZH2. H3K4, H3K36 and H3K79 methylation is associated with euchromatin and H3K4 methylation is written by SMYD2, SETD1A and KMT2D. H3K4 active marks are erased by KDM5A, KDM5B, KDM1A and KDM2B. H3K9 is also associated with chromatin compaction and is reversed by KDM1A and KDM4A.

Recent evidences have shed light on the epigenetic regulation underlying TNBC. This review is a representative of how epigenetic regulators like HMTs and HDMs can be a crucial platform for the future of TNBC treatment but the picture is still incomplete. HMTs and HDMs play diverse roles in TNBC development and they have accounted for lower survival in TNBC patients. All the site-specific histone and non-histone modifications are interconnected and the regulation of genes is always mediated by more than one epigenetic mechanism. KDM1A, KDM2B, KDM4A and KDM5A augments cell proliferation, promotes stemness and have an overall pro-tumorigenic action whereas, KDM5B has a tumour suppressive role constraining tumour growth and invasion. SMYD2 and PRMT1 methylate non-histone substrates (STAT3, p65 subunit of NFκB and C/EBPα) and engage in tumour development, giving an insight into the potential of non-histone methylation mediated by HMTs in TNBC. SETD1A, DOT1L, EZH2 and NSD2 methylate histones at their site specific locations and govern various processes in tumour growth and metastasis. Both histone and non-histone methylation mediated by PRMT5 unravels the oncogenic potential of PRMT5 in TNBC. Mutated KMT2D is another oncogenic mediator regulating cancer dissemination and tumour metastasis in TNBC. This can improve our understanding about the intricacies of this disease and can help develop epi-drugs targeting HMTs and HDMs that have emerging participation in TNBC



pathophysiology. Even if the role of HMTs and HDMs in TNBC is yet to be fully elucidated, therapies based on their hallmarks in preclinical studies depict promising results. Translation of results from preclinical studies to clinical trials has already set in as the quest for novel chemotherapeutic strategies continues. Numerous clinical trials have explored the usefulness of histone deacetylase inhibitors in combination with chemotherapy for the treatment of various breast cancers, suggesting that further studies might be needed to prove the inevitable role played by HMTs and HDMs in TNBC oncogenesis. Epidrugs might provide cutting-edge solutions for treating TNBC in the future and thorough investigations in this area can improve our understanding of the disease.

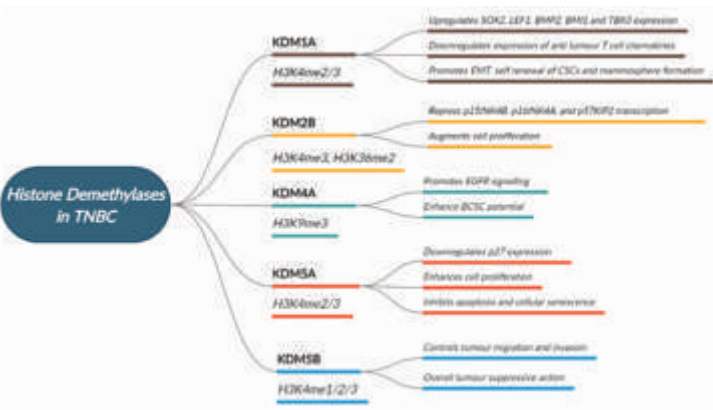


Fig. 2. Histone demethylases in TNBC. KDM1A, KDM2B, KDM4A and KDM5A have an overall pro-tumorigenic action and KDM5B has a tumour suppressive action in TNBC.



Fig. 3. Histone methyltransferases in TNBC. All the HMTs methylate specific sites on histone proteins except SMYD2, PRMT1 and PRMT5 engaging in non-histone substrate methylation in TNBC. Mutated KMT2D has an indirect action in TNBC development with the aberrant activation of RAC3 gene involved in TNBC.

Pharm D and its future prospects in CRO's & other health Industries



Prof. Dr. Badmanaban R
Principal

Pharm. D is a 6 year course introduced by Pharmacy Council of India (PCI) in the year 2008. It provides rigorous training in the field of pharmacy practice and clinical pharmacy. The activities taken up by Pharm. D in a hospital include medication history interview, participation in ward rounds, provision of drug/poison information, prevention, assessment and management of drug interactions, adverse drug reaction management and medication order review. During the course and after the completion of Pharm. D, graduates may provide these clinical pharmacy services in the hospital. Being a new profession, it will take time to establish the need for clinical pharmacy services in the Indian healthcare environment.

As Pharm. D interns and graduates, students and fresher's can also explore and discover their roles in clinical research organizations. The following areas can be traversed – clinical operations, clinical data management, pharmacovigilance, medical writing, pharmacoeconomics, regulatory affairs and quality assurance. With pharmaceutical giants paving their ways for clinical trials, it will provide a suitable platform for clinical endeavors worth hundreds of millions. Pharm. D graduates can associate with these companies and make their contribution in clinical studies and clinical trials. Pharm. D graduates could be given an opportunity to place themselves in industries to recognize their role. Similarly, internships for 6th year Pharm. D students could also be extended to training in clinical

research organizations so that they are fine tuned to cater the needs of pharmaceutical industries. Providing clinical research-oriented training to 6th year students will give a professional edge and a trigger to prove their individual abilities.

Pharm. D students are given a window of opportunity during their course to learn about their roles in a hospital setting. They are trained to deliver patient centered clinical pharmacy services. These alone will restrict their future within the hospital setting, where the wheels of progress are traveling at a slow pace. They have to explore every avenue to understand their role within the health sector and turn over a new leaf within the pages of pharmaceutical history in India. To achieve a milestone of improvement, one can think of bringing about changes in the final year of the course, with the introduction of a minimum 6 month training in pharmacovigilance, medical writing and information technology which would provide more scope in pharmaceutical industries. As per the current recommendations of PCI, during the 6th year, students are meant to complete their internship in a hospital setting only. A road less traveled can boost the employment of Pharm. D graduates which can expand their responsibilities. Incorporation of these changes could be brought forward to the attention of concerned authorities that can in turn give an insight about the lack of growth potential in distinct fields for Pharm. D.

It's a new course and a subtle experimentation with it at the right time can lead to multiple benefits to the healthcare sector.

ACHIEVEMENTS

YIP
YOUNG INNOVATORS PROGRAM

NBA
NATIONAL BOARD
OF ACCREDITATION

IAO

AAB
ASSOCIATION
OF AMERICAN
BIOLOGICAL PHARMACEUTICAL
SOCIETIES

Congratulations
State Level Winners of
Young Innovators Program
Organised by

K-DISC
Kerala Development and Innovation
Strategic Council

Dr. Manju Maria Mathews

Ms. Sreevidya Venugopal



Prof. Dr. Deepa Jose
Vice Principal & HOD,
Dept. of Pharmaceutical Chemistry

*Outstanding oration award 2021
for delivering oration during
International Convention
conducted by Vels University,
Chennai.*

PHD AWARDEE



Dr. Dhanish Joseph
Assistant Professor,
Dept. of Pharmaceutics
has been awarded PhD
on the topic
"Bioavailability enhancement of
Atorvastatin calcium using an
Enzyme Inhibitor and formulation
of it into a bilayer tablet"
from VIT, Vellore

CONGRATULATIONS
Secured Second prize in oral presentation contest
Appolo Adulux Hospital Medsafecon 22
National Conference On Medication Safety

ELDHOSE ELIAS GEORGE
6TH PHARM D

CONGRATULATIONS
Secured all India Rank 845
in GPAT exam 2022

AISWARYA SURESH
8 SEM B.PHARM

Secured first prize in University e- poster
competition on the topic Know Alzheimer's
Know dementia

Congratulations

CHRISTY SOJAN
4TH YEAR PHARM.D

RESOURCE PERSONALITIES



Prof. Dr. Badmanaban R

Principal & HOD, Department of Pharmacognosy

- 1) Topic - "Protection of the world from culprit of ridiculous offensive Nonsense air: CORONA"
Organised By - Techno India university West Bengal, India
- 2) Topic- Application of HPTLC - marker based Standardization for Polyherbal formulations
Organised By- Anchrom Enterprises Pvt. Ltd. Mumbai
- 3) Topic-HPTLC session on applications in Pharmaceuticals and herbal drugs
Organised By- Lovely Professional University, Punjab
- 4) Topic-Marker based standardization for polyherbal formulation by HPTLC
Organised By-Poona College of Pharmacy, Pune



Dr. Prasanth B.

Associate Professor, Department of Pharmacognosy

Topic- Impact of blended learning in pharmaceutical education – a pedagogic perspective
Organised By-National College of Pharmacy, Calicut



Dr. Preeja G Pillai

HOD, Dept. of Pharmacology

Topic- "Drug Discovery And Development: An Overview"
Organised By - AL-AZHAR College Of Pharmacy, Thodupuzha

Campus Placements : Rajagiri Hospital Aluva



Alisha K.J



Anakha Tomson



Divya Merin Emerson



Sherry Sebastian



Abitha N Jabbar



Aimy Kuriakose



Teenu Manuel



Khansa Beegam M.A



Farsana T.M



Devika Firose



Rosna Babu



Jomy John

Campus Placements : St. John's Hospital Bangaluru as a Pharmacist



Teenu Manuel



Jomy John



Mariya Joy

Campus Placements : Rajagiri Hospital Aluva



Celu mariya Francis



Annamol Joshy



Chippy Jose



Nimisha Joseph



Jiss Jaison
Trainee, Business Manager
Medstry Healthcare



Ajay Emmanuel Thomas
Thomas Territory Sales Officer
Nobelis Division Mankind Pharma



Riya George
Pharmacist
St George Hospital Vazhakulam



Mahin T.M
Acquity Solutions

Campus Placements :

Minor Research Grants

1. Dr. Fels Saju and Ms Annit Joji George, Department of Pharmaceutics received a minor grant for the research "Development of bromelain loaded nanocarriers by nanoprecipitation method to intensify epr effect in anticancer therapy" funded by Kerala State Council for Science Technology and Environment.
2. Mr Dhanish Joseph, Ms Sreelakshmi M S, Department of Pharmaceutics received a minor grant for the research Development of clarithromycin chocolate preparation to enhance the paediatric compliance funded by Kerala State Council for Science Technology and Environment.
3. Mr EbyGeorge, Ms Sumayya Navas, Department of Pharmaceutics received a minor grant for the research "Design, characterisation and optimisation of timer X coated floating drug delivery system containing new generation H2 blocker" funded by Kerala State Council for Science Technology and Environment.
4. Dr Bharat Mishra, Ms Anitta Thomas, Ms Annamol Joshy, Ms. Elza Baby, and Mr Sijin Biju Department of Pharmacology received a minor grant for the research Investigation on psychoprotective potential of liposomal n-acetyl cysteine" funded by Kerala State Council for Science Technology and Environment.
5. Dr Prasanth Francis, Mr Ajay Emmanuel Thomas, Mr Jeeson Baby and Ms Arya Sasankan Department of Pharmaceutical Chemistry received a minor grant for the research In silico design, synthesis and biological screening of β -carboline derivatives as selective Topoisomerase II α inhibitors over Topoisomerase II β funded by Kerala State Council for Science Technology and Environment.
6. Dr Deepa Jose, Ms Aswathy Surendran and Ms Devika Firose Department of Pharmaceutical Chemistry received a minor grant for the research In silico and biological screening of active compounds of Plectranthusamboinicus against COX-2 and alpha- amylase funded by Kerala State Council for Science Technology and Environment.

DAY Celebrations

World Environment Day



WORLD EARTH DAY



ARTS DAY



SPORTS DAY



ALUMNI



Dr. Merrin Joseph
Assistant Professor
Department of
Pharmacy Practice



Dr. Dona Maria Jetto
Assistant Professor
Department of
Pharmacy Practice



Ms. Rani Baby
6th semester B.Pharm



Ms. Christy Sojan
4th year Pharm D

Editor's
Desk...



COURSES OFFERED

B.Pharm (Batchelor of Pharmacy -4 yrs)

Pharm D (Doctor of Pharmacy - 6 yrs)

M.Pharm in Pharmaceutics(2 yrs)

M.Pharm in Pharmacology (2yrs)

M.Pharm in Pharmacy Practice(2 yrs)



Nirmala College of
Pharmacy,
Muvattupuzha