PHARMA COGNIZANCE

AMRITA VISHWA VIDYAPEETHAM DEEMED TO BE UNIVERSITY | School of Pharmacy

JANUARY - JULY | VOL - 4 (ISSUE-1) | 2019

B Pharm Program of
Amrita School of Pharmacy
Accreditated by
National Board of Accreditation
(NBA)
from Academic Year 2017-18 to 2019-20

A GLIMPSE ON THE STATUS QUO OF PHARM. D PROGRAMMES

Pharm D or 'Doctor of Pharmacy" is a professional degree in pharmacy targeted towards patient care through medication management. Well trained clinical pharmacists are making significant contributions in the modern health care with excellent proficiency in medication handling and individualised patient care. This patient centric, six year Pharm. D programme has core components like clerkship and clinical posting in departments of general medicine, specialities like paediatrics, orthopedics, gynaecology, oncology, dermatology and exposures in additional areas like ICU's, dilution rooms etc. which can chisel and syncretize the students with real world hospital practices. This makes Pharm. D programme different from other pharmacy courses and thus graduates after completion of this programme would be the most suited professionals to the title of clinical pharmacist. This has relevance to the clinical scenario of India where there exists multiple challenges like increased patient load and disease burden, poly pharmacy, lack of authentic information about medicines provided to practitioners, availability of fixed dose combinations and self- medication practices. So, there is an increased demand of a trained person in order to manage medications properly, reduce the drug related problems and errors, and thus improve overall quality of care provided to patients. This programme would increase the outreach of pharmacy profession in health care management.

Although the global status of pharmacy profession is promising, in India, it may take another decade or half to reach that state in spite of their inevitable role in health care. This may be accounted to huge variation in the healthcare requirements across Indian states which vary greatly in their socio-economic-cultural-educational-health indices. People should be educated to utilize professional assistance from pharmacists while taking medicines. Pharmacists should assure competent professional service even during the dispensing of medications.

Apart from the career as a clinical pharmacist, Pharm. D graduates have abundant opportunities in academics, research and development, regulatory affairs, clinical data management, pharmacovigilance, medical writing as well as business, marketing and insurance sector. With Indian Pharmaceutical market accounting for approx. 3% of the global pharmaceutical industry in value terms and 20% in the volume terms and with a significant growth rate, there are infinite career opportunities for a pharmacy professional.

As National Accreditation Board for Hospitals & Healthcare Providers (NABH) mandates the inclusion of clinical pharmacist into medical team for the improvement in quality of patient care through proper managment of medications, opportunities has opened up to a larger extent. Moreover, appointing Clinical pharmacists in every hospital with a specific patient pharmacist ratio (200 patients: 1 pharmacist as minimum) can tremendously improve quality of care. Henceforth, inclusion of clinical pharmacist to assist the medical team in every hospital will surely provide students and stakeholders great confidence and desire to pursue the doctor of pharmacy programme.

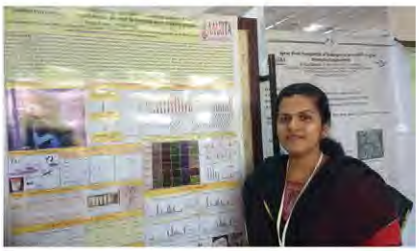
INVITED TALKS@ASP

SL NO	DATE	TOPIC	RESOURCE PERSON
1	12th March 2019	Smart Women for a Better World	Dr. Kochurani Joseph, Retd. Associate Prof. Bharata Mata College, Thrikkakara
2	11th February 2019	Opportunities for B.Pharm, M.Pharm and Pharm.D students in UK	Prof. Paul Elott, Assoc. Dean , School of Applied Sciences, University of Huddersfield, UK
3	30th & 31st January 2019	Bioethics module	Dr. Chandrashekar Janakiram, Prof. & HOD of Public Health Dentistry, Amrita School of Dentistry, Kochi
4	7th January 2019	Regulations for Biologicals	Dr. Bobby George, Vice President, Regulatory Affairs, Reliance Life Sciences, Mumbai

CONFERENCE ORGANIZED

A Hands-on workshop and conference on computational approaches in drug discovery and development for immune disorders was organised by Department of Pharmaceutical Chemistry, Amrita School of Pharmacy on 7th, 8th & 9th March 2019. It was inaugurated by Dr. N. Chandramohanakumar, Professor and Director, Center For Development of Marine Biotechnology, School of Marine Sciences, Cochin University of Science and Technology. The scientific sessions were handled by Dr. Debnath Pal, Professor, Dept. of Computational and databases, IISc Bangalore; Dr. P. K. Krishnan Namboori, Associate Professor, AMMAS Research Lab, Coimbatore; Dr. P Yogeswari, Professor, Dept. of Pharmacy, BITS Pilani , Hyderabad campus and Dr. Gopi Mohan C, Associate Professor, Centre for Nanosciences and Molecular Medicine, AIMS, Kochi. Hands on training on QSAR and Pharmacophore modeling was conducted by Dr. Sudipa Mondal, NIT, Nagpur

CONFERENCE PRESENTATION BY FACULTY



Dr. Leena K Pappachen, Assistant Professor, Department of Pharmaceutical Chemistry presented a poster entitled "Docking evaluation of Denovo designed inhibitors of plasmodium falciparum: Thioredoxin reductase" in the second International symposium on New trends in applied chemistry at Sacred Hearts College on 14th -15th January 2019

Dr. Lekshmi R Nath, Assistant Professor, Department of Pharmacognosy presented a poster entitled "Preclinical evaluation of the chemotherapeutic effect of kaempferide against cervical cancer" in the biotechnology category of 31st Kerala Science Congress at Fatima Mata National College, Kollam on 2-3rd February 2019.

Dr. Lekshmi R Nath, Assistant Professor, Department of Pharmacognosy presented a poster entitled "Elucidation of the cell death mechanism –A natural saponin" in 8th Annual meeting of Indian Academy of Biomedical Sciences and conference on deliberation on translation of basic scientific insights into affordable healthcare products at CSIR-NIIST, Thiruvananthapuram on 25-27th February 2019.

Ms. Sreeja C Nair, Assistant Professor, Department of Pharmaceutics presented a poster entitled " In vitro evaluation and invivo toxicity study of phenytoin sodium loaded Nano-Lipid Carrier (NLC) intended for intranasal delivery in treating acute epileptic seizure" in the Biennial conference 'Nano India 2019' at Mahatma Gandhi University, Kottayam on 26th & 27th April 2019.

CONFERENCE PRESENTATION BY STUDENTS

Contemporary advances in Pharmaceutical Sciences

M.Pharm Pharmaceutics students participated and presented posters in one day national seminar on contemporary advances in pharmaceutical sciences organised by Prime College of Pharmacy on 23rd February 2019. Ms. Juna Konikkara (2017 batch) bagged first prize for her poster entitled 'Advanced tourniquet'.

Clinical Pharmacy and Pharmaceutical Technology

Ms. Megha Hansan of M.Pharm Pharmaceutics secured first prize for her poster entitled 'Nanomedicine to deliver antiplatelet agent from advanced tourniquet to suppress Haematoma' in an Internationl Conference On Clinical Pharmacy and Pharmaceutical Technology organised by Jamia Salafiya Pharmacy College on 16th February 2019.

Deliberation on Translation of Basic Scientific Insights into Affordable Healthcare Products

M. Pharm Pharmacology students attended and presented posters in 8th Annual meeting of Indian Academy of Biomedical Sciences and Conference on "Deliberation on translation of basic scientific insights into affordable healthcare products" at CSIR-NIIST, Thiruvananthapuram on 25th -27th February 2019.

Drug Discovery India 2019 and New trends in Applied Chemistry

M. Pharm Pharmaceutical Chemistry students participated and presented posters in two conferences - International conference on drug discovery India 2019 conducted at Orchid Hotel Mumbai on 17th & 18th January 2019 and "New trends in Applied Chemistry" organised by Sacred Hearts College on 14th -15th January 2019

Inevitable Role of Clinical Pharmacists in Healthcare and CPCON 2019

M. Pharm Pharmacy Practice students participated and presented posters in two conferences - International seminar on "Inevitable role of clinical pharmacists in Healthcare" organised by St. Joseph's College of Pharmacy, Cherthala on 10th January 2019 and "4th International conference on clinical Pharmacy- CPCON 2019" organised by Manipal College of Pharmaceutical Sciences on 5th - 6th January 2019

PHARMA QUIZ 2019

A pharma quiz competition was held on 28th of March 2019 at Amrita School of Pharmacy. 5 teams each with 5 members participated in this event. The first prize winners received Rs. 1000/- worth gift voucher from Vinayaka Book House sponsored by Amrita School of Pharmacy and a "Textbook on Pharmacology" from Elsevier publication worth Rs 750/- for each member of the team. The second prize winners were gifted a "Book on Pharmacology for Pharmacy students" by Padmaja Udayakumar sponsored by CBS publishers.

The third prize winners got a gift voucher worth Rs 500/- sponsored by Vinayaka Book House, Kochi.

CAMPUS DRIVES @ ASP

- **IQVIA**
  An American multinational company serving the combined need of industries related to health information technology and clinical research conducted a campus interview at ASP on January 2019.

  Job profile - Clinical Process Coordinator

- **Navigant Consulting**
  A US based management consultancy firm with 5 locations in India headquartered at Chicago. Navigant visited the campus on May 2019.

  Job profile - Medical Research Specialist

- **Medvarsity online Ltd**
  Is India's first and largest online healthcare training company with 10 locations in India with headquarter at Hyderabad conducted a campus placement drive on May 2019.

  Job profile - Inside Sales Manager

- **Himalaya Drug Company**
  Is an Indian company established in 1930 and spread across locations in India, US, Middle East, Asia and Europe. Himalaya visited the campus on June 2019.

  Job profile - Product Specialist

- **Apollo Pharmacy Chennai**
  Visited ASP on June 2019.

  Job profile – Pharmacist

- **Centaur Pharmaceuticals**
  Is a well known pharmaceutical company involved in formulations, contract research, clinical research and R & D, visited our campus on June 2019.

  Job profile – Medical Representative

ACHIEVEMENTS IN CO-CURRICULAR ACTIVITIES

"SPEAK FOR INDIA - KERALA EDITION 2018" DEBATE COMPETITION

One of our students, Ms. Rakhi Krishna, 5th year Pharm. D was one among the 8 students selected from 32 students participated in the semifinal round held at SCMS College, Kalamassery on 25th January 2019 for the grand finale held at Kottayam on 7th February 2019 . She received a cash prize of Rs.25,000/-

The "Speak for India Kerala Edition 2018" debate was organised by Mathrubhumi along with Federal Bank. The event started with 50 block level competitions across Kerala with around 60,000 participants followed by district level competitions in 14 districts and the zonal level competitions in Kochi, Kozhikode & Kollam. The selected candidates from the zonal level competition have participated in the semi-final and only 8 candidates have made it to the grand finale.

INTER AMRITA ATHLETICS AND WEIGHT LIFTING CHAMPIONSHIP

B. Pharm, Pharm. D and M. Pharm students from ASP participated in Inter Amrita athletics and weight lifting championship at Amrita Coimbatore campus from 19th -21st March 2019 and bagged prizes in various events.

INTERPHARMA SPORTS MEET (PHARMA SPORTIVA) 2019

All Kerala Interpharma Sports Meet (Pharma Sportiva) – 2019 organised by Kerala State Self Financing Pharmacy College Management Association, hosted by Devaki Amma Memorial College of Pharmacy was held at University of Calicut from 10th-12th of January 2019. A total of 30 pharmacy colleges participated, out of which Amrita School of Pharmacy secured the sixth position. 28 students from Amrita had participated for the 3 days Pharma Sportiva competition and Dakshina C of (B Pharm 2018) -1st Year secured " The Individual Championship " for girls.

PHOTO GALLERY

SPORTS EVENTS

GLIMPSES FROM DRUG DISCOVERY CONFERENCE

MEDICAL CAMPS PARTICIPATED BY STUDENTS

SL No	VENUE	DATE	NO. OF STUDENT PARTICIPATED
1	Govt. D V HSS Alappuzha	12/01/2019	10
2	Amrita Vidyalayam, Thrissur	20/01/2019	6
3	Brahmasthana festival, Ernakulam	18/03/2019 and 19/03/2019	30
4	Dr. APJ Abdul Kalam Memorial LP School, Sooranad	6/04/2019	6
5	Govt Vocational Hr.sec school, Thalikulam, Kanjani Trissur Dt	27/04/2019	5
6	Kaimukkumana, Mattathoor Kunnu, Kodakara	28/04/2019	10
7	Holy Mary Central School, Peringala, Kayamkulam	22 /06/2019	10
8	Govt. Samithy Hr.sec school, Meladoor, Mala	22/07/2019	10

AMRITA VISHWA VIDYAPEETHAM | School of Pharmacy

for comments & suggestions :

Amrita School of Pharmacy

Amrita Vishwa Vidyapeetham, AIMS Ponekkara, Kochi - 682 041, Kerala, India
Phone : 0484-2857900 / 03 / 04, 0484-2802020 (Fax)
Email : pharmaprincipal@aims.amrita.edu, pharmacycollege@aims.amrita.edu
Website: https://www.amrita.edu/school/pharmacy

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Dr. Sabitha M, Principal

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PUBLISHED BY
Amrita School of Pharmacy
Amrita Vishwa Vidyapeetham,
Kochi- 682 041, Kerala, India