



**AMRITA**  
VISHWA VIDYAPEETHAM  
DEEMED TO BE UNIVERSITY

School of  
Pharmacy





“ The beauty and charm of selfless service should not die away from the face of this earth. The world should know that a life of dedication is possible; that a life inspired by love and service to humanity is possible. ”

- AMMA

Satguru Mata Amritanandamayi Devi  
Chancellor, Amrita Vishwa Vidyapeetham

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## RANKED 8

in University category as per  
NIRF India Rankings 2019



## Swachh Campus Ranking 2018

## Ranked 1st

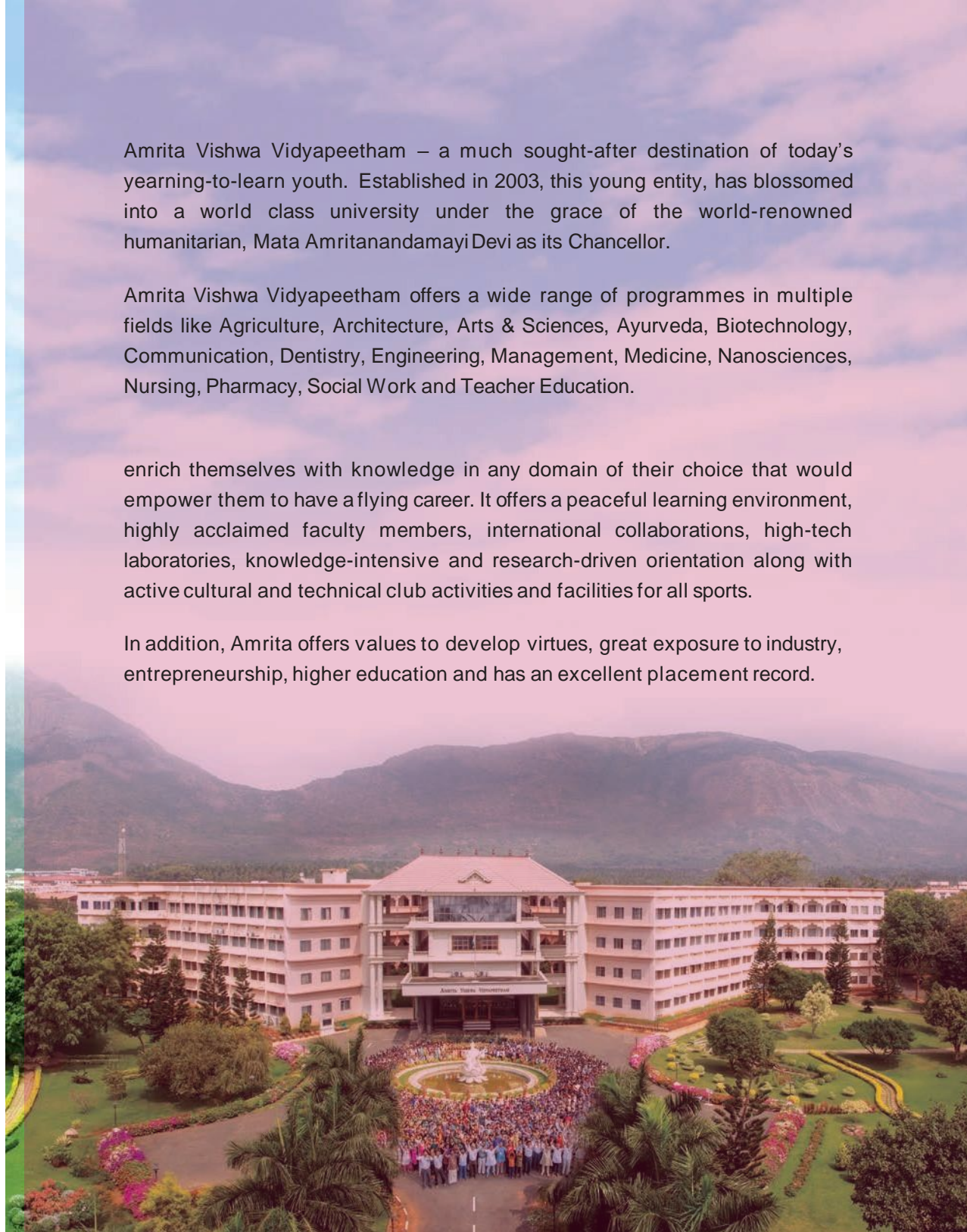
among the cleanest Higher  
Education Institutions in  
the country as per Swachh  
Campus Ranking 2018 in  
the category of Technical  
Institutions

Amrita Vishwa Vidyapeetham – a much sought-after destination of today's yearning-to-learn youth. Established in 2003, this young entity, has blossomed into a world class university under the grace of the world-renowned humanitarian, Mata Amritanandamayi Devi as its Chancellor.

Amrita Vishwa Vidyapeetham offers a wide range of programmes in multiple fields like Agriculture, Architecture, Arts & Sciences, Ayurveda, Biotechnology, Communication, Dentistry, Engineering, Management, Medicine, Nanosciences, Nursing, Pharmacy, Social Work and Teacher Education.

enrich themselves with knowledge in any domain of their choice that would empower them to have a flying career. It offers a peaceful learning environment, highly acclaimed faculty members, international collaborations, high-tech laboratories, knowledge-intensive and research-driven orientation along with active cultural and technical club activities and facilities for all sports.

In addition, Amrita offers values to develop virtues, great exposure to industry, entrepreneurship, higher education and has an excellent placement record.





# ABOUT

Amrita School of Pharmacy is a constituent school of Amrita Vishwa Vidyapeetham and conducts high quality educational programmes and research in pharmaceutical sciences. Located in the vibrant city of Kochi, its programmes are among the most sought after in the profession of Pharmacy for the knowledge and skills imparted.

Grouped under the Amrita Health Science Campus in Kochi, it started offering the U.G. programme in the year 2005. It is committed to excellence in healthcare in line with the overall objective of health science campus.

Pharmacy demands strict adherence to ethical principles and Amrita School of Pharmacy gives utmost importance to these aspects in its research and educational programmes. Amrita School of Pharmacy is recognized by Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE). The school and the university are accredited by the National Assessment and Accreditation Council (NAAC) with 'A' Grade and our B.Pharm. programme is accredited by National Board of Accreditation (NBA).

**RANKED 15**  
in Pharmacy category as per  
NIRF India Rankings 2019





## VISION

To develop as a centre of excellence in Pharmacy education and research and become one among the distinguished pharma institutions in the country. It envisions to establish effective collaborations with pharma industries and international pharmacy institutions for mutual benefits.



## MISSION

To provide high quality value-based education with high emphasis on research and mould competent and socially committed pharmacy professionals capable of practicing and managing the future of pharmacy profession in the country and abroad.



# PROGRAMME OUTCOMES



1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

## ACADEMICS AND RESEARCH





# UNDERGRADUATE

## B. Pharm.

Bachelor of Pharmacy (B. Pharm.) is an undergraduate academic degree to learn and acquire adequate knowledge, necessary skills to practice the profession of pharmacy. The programme is a versatile interdisciplinary programme preparing graduates with a sound knowledge and understanding of the science, technology and practice of pharmacy. The core subjects include Pharmaceutical Chemistry and Pharmaceutical Analysis (Chemistry of Drugs), Pharmaceutics, Pharmacology, Pharmacognosy and Pharmacy Practice.







## PROGRAMME EDUCATIONAL OBJECTIVES

- ❖ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❖ To develop technically sound pharmacy professionals with a competent approach to cater the needs of the society and Pharmaceutical industries.
- ❖ To inculcate in students confidence, planning abilities, leadership qualities, teamwork, and communication skills to emerge as compassionate pharmacy professionals.
- ❖ To emphasize social responsibility, integrity and ethical aspects to serve the society at large and health care system in particular.
- ❖ To inspire the graduates for higher education, research or entrepreneurship and lifelong learning in the context of technological advancement.





## KNOWLEDGE

- Organic, Inorganic, Heterocyclic, Stereo and Medicinal Chemistry
- Isolation, Identification and Analysis of Phytoconstituents Including Chromatographic Techniques
- Basic Concept of Social Life, Psychology, Environmental Sciences and Cultural Education
- Microbiology, Biochemistry and Biotechnology
- Preparation and Evaluation of Pharmaceutical Dosage Forms
- Various Unit Operations Used in Pharmaceutical Industries
- Fundamentals and Applications of Pharmacokinetics and Pharmacodynamics in Pharmaceutical Development
- Formulation and Evaluation Aspects of Cosmetics
- Referencing Regulatory Documents and SOP Preparation
- Quality Control & Quality Assurance
- Pharmacognosy and Industrial Phytochemistry
- Human Anatomy, Physiology with Pathophysiology Underlying Various Diseases and Its Pharmacotherapy
- General, Systemic, Endocrine Pharmacology with Toxicological Aspects of Xenobiotics and Its Management
- Pharmacotherapeutics and Pharmacy Practice
- Pharmaceutical Jurisprudence
- Biostatistics and Computer Application

## SKILLS

- Computer Aided Drug Design and Qsar
- Conventional and Microwave Drug Synthesis
- UV & IR Spectrophotometer, Column, Thin Layer and High Pressure Liquid Chromatography
- Aseptic Handling Techniques
- Handling of Basic Pharmaceutical Equipment and Designing of Various Dosage Forms
- Handling and Processing of Biological Samples and Estimation of Common Biochemical, Haematological and Physiological Parameters
- Skill in Conducting *In Vitro* and *In Vivo* Pharmacological Experiments along with Virtual Animal Experiments using Computerized Softwares
- Identification and Reporting of Drug Related Problems and Patient Counselling
- Qualitative and Quantitative Assay of Drugs, Toxins and Excipients
- Documentation and Soft Skills

# POSTGRADUATE

The School of Pharmacy offers academic programmes at Postgraduate (P.G.) level in **M. Pharm. , Pharm. D.& Pharm. D.(PB)**

## M. Pharm.

M. Pharm. is offered in 4 specializations. It is 2 years (4 semesters) Masters Programme after B.Pharm.





# M. Pharm. - Pharmaceutical Chemistry

## PROGRAMME EDUCATIONAL OBJECTIVES

- ❑ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❑ To integrate theoretical knowledge and practical skills of synthetic and analytical chemistry to meet the challenges in drug discovery.
- ❑ To develop skills in Computer Aided Drug Design to facilitate outcome oriented re- search in drug discovery .
- ❑ To provide interdisciplinary research and educational opportunities to solve problems that will improve the quality of life for those suffering from health-related diseases and disorders.
- ❑ To inspire the graduates for higher education, research or entrepreneurship and lifelong learning in the context of technological advancement.

## KNOWLEDGE

- Retrosynthesis, Heterocyclic Chemistry, Protection and Deprotection Techniques
- Prodrug Design, Stereochemistry and Drug Action
- Drug Discovery and Recombinant DNA Technology
- Advanced Spectral Analysis Involving NMR, Mass Spectrometry, IR of Various Drugs
- Green Chemistry , Asymmetric Synthesis, Peptide Chemistry
- Computer Aided Drug Design, Molecular Modeling, Docking
- Strategies of Scale Up and Various Unit Operations in Process Chemistry
- Importance of Natural Compounds for New Drug Discovery

## SKILLS

- Computer Aided Drug Designing through Biovia Discovery Studio and QSAR.
- Drug Synthesis (Conventional and Microwave)
- Drug Analysis by HPLC, UV & Fluorimetry
- Spectral Interpretation by IR, NMR, MS
- *In-Vitro* and *In-Vivo* Studies
- Scientific Writing



# M. Pharm. - Pharmacology



## PROGRAMME EDUCATIONAL OBJECTIVES

- ❑ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❑ To prepare students for careers of constructive service to society in academia, government, industry and health related fields.
- ❑ To orient students to conduct translational research, from conceptual design through *in vivo* testing with an eye towards clinical implementation.
- ❑ To provide interdisciplinary research and educational opportunities to solve problems that will improve the quality of life for those suffering from health related diseases and disorders.
- ❑ To inspire the graduates for higher education, research or entrepreneurship and lifelong learning in the context of technological advancement.



## KNOWLEDGE

Systemic, Cellular and Molecular Pharmacology  
Pharmacological and Toxicological Screening Methods  
Various Regulatory Requirements such as CPCSEA, OECD and Bio Safety Aspects  
Analytical Techniques such as UV, FTIR, HPLC etc.  
Drug Discovery Process with Preclinical and Clinical Research

## SKILLS

Basic Animal Handling and Preparation of B-Form for Animal Studies  
Operating Instruments for Pharmacological Experiments such as UV, HPLC Bio Chemical Analyser, Fluorimeter and Computerised Programmes such as CADD, QSAR, Statistical Softwares etc.  
Preparation of SOPs for Various Pharmacological Instruments  
Biochemical, Haematological Analysis, Cell Line Studies and Therapeutic Drug Monitoring



# M. Pharm. - Pharmaceuticals

## PROGRAMME EDUCATIONAL OBJECTIVES

- ❑ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❑ To mould professionals with technical skills and inculcate high level of understanding in the area of manufacturing of drugs and pharmaceuticals.
- ❑ To master the students to use modern tools, equipments and software necessary to design and develop advanced pharmaceutical formulations.
- ❑ To provide interdisciplinary research and educational opportunities to solve problems that will improve the quality of life for those suffering from health-related diseases and disorders.
- ❑ To inspire the graduates for higher education, research or entrepreneurship and lifelong learning in the context of technological advancement.

## KNOWLEDGE

- Design and Development of Advanced Novel Drug Delivery Systems
- Various Regulatory Filing in Different Countries, Submitting Regulatory Documents and Post Approval Requirements
- Develop Cosmetics and Cosmeceuticals with Desired Safety, Stability and Efficacy
- Pharmaceutical Product Development and Translation from Laboratory to Market
- Dose Calculations, Dose Adjustments and To Apply Biopharmaceutics Theories in Practical Problem Solving
- Computer Applications in Pharmaceutical Research and Development Process

## SKILLS

- Identification of Drug Molecule for Drug Delivery Purpose
- Design and Optimization of Novel Drug Delivery Systems
- Handling of Basic Pharmaceutical Equipments
- Drug Analysis and Interpretation by HPLC, UV, FTIR
- Soft Skills and Documentation
- Software Assisted Formulation Optimization like CADD
- Kinetic Modelling Software (Winonline)
- Preparation and Dispensing of Extemporaneous Formulations
- Animal Handling Techniques
- Preclinical Studies using Small Animals like Rat, Mice and Rabbits

# M. Pharm. - Pharmacy Practice

## Programme Educational Objectives

- ❑ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❑ To enable the graduates in practicing patient centered care and involve in the development of practice guidelines and evidence-based practices.
- ❑ To develop responsible clinical pharmacy professionals to practice in collaboration with other healthcare practitioners for the purpose of improving patient care.
- ❑ To develop skills in identifying rational, reasonable and practical solutions to drug related problems for the wellbeing of the patients.
- ❑ To inspire the graduates for higher education, research or entrepreneurship and lifelong learning in the context of technological advancement.



## KNOWLEDGE

- Pharmacotherapeutics and Pharmacy Practice
- Clinical Pharmacokinetics & Therapeutic Drug Monitoring
- Clinical Research and Pharmacovigilance
- Quality use of Medicines and Pharmacoeconomics
- Medical Biostatistics and Softwares

## SKILLS

- Identification, Reporting and Management of Drug Related Problems or Pharmaceutical Care
- Medication Reconciliation, Management and Patient Counselling
- Individualised Dose Adjustments
- Perform Key Pharmacoeconomic
- Analysis Handling of Information
- Queries Research Areas- Clinical Trials
- Manage Trial Coordination Process



# POSTGRADUATE

## Pharm. D.

Doctor of Pharmacy is a hospital oriented globally accepted pharmacy programme. This is a six-year programme after completion of the plus two with science stream. The programme is designed to make the students competent as per the global demand in management of patient medication therapy and improve patient outcomes. The students undergo one year internship/residency during the final year (6th year) in the various major departments of the specialty teaching hospital in the campus.

## Pharm. D.(PB)

This is a three year programme after B. Pharm. graduation. This programme also has 2 phases like Pharm. D. (Regular) wherein the students have theory and practical classes in the first two years and undergo internship in the various departments in the hospital during III Year (Phase 2)





## PROGRAMME EDUCATIONAL OBJECTIVES

- ❖ To develop competent pharmacy graduates by structured teaching learning process through dedicated and devoted faculty.
- ❖ To develop in-depth knowledge of medications that is integrated with a foundational understanding of the biomedical, pharmaceutical, socio-behavioral and clinical sciences.
- ❖ To develop responsible clinical pharmacy professionals to practice in collaboration with other health care practitioners for the purpose of improving patient care.
- ❖ To promote professionalism, team spirit, social and ethical commitment to boost leadership role assisting improvement in healthcare sector.
- ❖ To emphasize social responsibility in delegating safe, accurate, rational and cost-effective use of medications.
- ❖ To develop skills in identifying rational, reasonable and practical solutions to drug related problems for the wellbeing of the patients.
- ❖ To inspire the graduates for higher education, research or entrepreneurship and life-long learning in the context of technological advancement.





## KNOWLEDGE

- Organic, Inorganic, Heterocyclic, Stereo and Medicinal Chemistry
- Isolation, Identification and Analysis of Phytoconstituents Including Chromatographic Techniques
- Basic Concept of Social Life, Psychology, Environmental Sciences and Cultural Education
- Microbiology, Biochemistry and Biotechnology
- Preparation and Evaluation of Pharmaceutical Dosage Forms
- Various Unit Operations used in Pharmaceutical Industries
- Fundamentals and Applications of Pharmacokinetics and Pharmacodynamics in Pharmaceutical Development
- Formulation and Evaluation Aspects in Cosmetic Technology
- Referencing Regulatory Documents and SOP Preparation
- Quality Control & Quality Assurance
- Pharmaceutical Jurisprudence
- Pharmacognosy and Industrial Phytochemistry
- Human Anatomy, Physiology with Pathophysiology Underlying Various Diseases and Its Pharmacotherapy
- General, Systemic, Endocrine Pharmacology with Toxicological Aspects of Xenobiotics and Its Management.
- Therapeutic Drug Monitoring and Drug Assays
- Pharmacotherapeutics And Pharmacy Practice
- Pharmacoeconomics and Clinical Research
- Use Scientific/Clinical Evidence as the basis for Therapeutic Decision-Making

## SKILLS

- Conventional and Microwave Drug Synthesis
- UV & IR Spectrophotometer, Column, Thin Layer and High Pressure Liquid Chromatography
- Aseptic Handling Techniques
- Handling of Basic Pharmaceutical Equipment and Designing of Various Dosage Forms
- Dose Calculations & Dose Adjustments
- Skill in Handling and Processing of Biological Samples and Estimation of Common Biochemical, Haematological and Physiological Parameters
- Skill in Conducting *In Vitro* and *In Vivo* Pharmacological Experiments along with Virtual Animal Experiments using Computerized Softwares
- Skill in Attending Queries Regarding Pharmacological and Toxicological Aspects of Drugs Through Drug Information Centre
- Identification, Reporting and Management of Drug Related Problems or Pharmaceutical Care
- Medication Reconciliation, Management and Patient Counselling
- Handling of Information Queries
- Conducting Clinical Research with an In-Depth Knowledge of ICH-GCP Guidelines
- Ability to Efficiently Handle Computer Software's like Microsoft and Drug Prescription Software
- Conducting Public Education Programmes (Medical Camps, Street Play etc.)
- Excellent Interpersonal Communication Skills
- Research Activities: Conduct and Publication of Research Works



## AREAS

- In Silico Drug Design
- Conventional and Microwave Drug Synthesis
- Analytical Method Development
- Nanotechnology Based Novel Drug Delivery Systems
- Enhancement Of Solubility and Bioavailability of Poorly Soluble Drugs
- Pharmacological and Toxicological Studies in CNS, CVS and GIT Diseases
- Strategies to Improve Skin Penetrability and Retention of Xenobiotics
- Preclinical and Herbal Research
- Pharmacoeconomic Evaluation and Therapeutic Outcome Research
- Optimization of Medications in Healthcare System and Therapy Management
- Pharmacist Led Disease Management

## WORK

- Design and Synthesis of Chemical Derivatives for Treatment of Various Disorders
- Computational Approaches in Design of Novel Targets for EGFR Inhibition
- In Vitro Screening of Various Phytoconstituents for Antitumour Activity
- Analytical Method Development and Validation for Various Pharmaceutical Dosage Forms
- Stress Degradation Studies of Drug Substance and Drug Products
- Drug Design and Repurposing Studies using Biovia Discovery Studio
- Development of Nanomicellar Occusert Platform for Sustained Delivery of Drug to the Posterior Segment of Eye
- Delivery of Macromolecules Through Invasive or Non Invasive Route using Advanced Drug Delivery Systems to Treat Ulcer/Wounds/Cancer/
- Diabetes/Hair Diseases, Bone Disease, Epilepsy and Periodontitis
- Evaluations for the Suitability of Natural Agents for the Treatment of Neurodegenerative Disorders Like Alzheimer's, CVS Disorder Like HT and GIT Disorder Like Peptic Ulcer
- Nanotechnology Approaches for Enhanced CNS Delivery in Treating Alzheimer's Disease
- Effectiveness of Zolpidem and Sleep Hygiene Counselling in the Treatment of Insomnia in Solid Tumour Patients
- Evaluation of Cost Effectiveness of Newer and Conventional Oral Anticoagulants in Atrial Fibrillation Patients
- Effect of Lorazepam in Reducing Psychological Distress in Chemotherapy Patients



**FACULTY** ➤

# FACULTY



**Dr. Sabitha M.**  
**Principal,**  
**School of Pharmacy, Kochi**  
M.Pharm., Ph.D.

Research Interest: Nanolipid Carrier Based Brain Drug Delivery, Novel Approaches for Effective Topical Delivery, Development of Wound Dressings, Novel Formulation Approaches to Reinvent Drugs of Potential Therapeutic Benefit



**Emmanuel James**  
**Professor, Pharmacy Practice, School of**  
**Pharmacy, Kochi**  
M.Pharm.

Research Interest: Anticoagulation Management, Medication Therapy Management, Rational Drug Use, Clinical Pharmacokinetics



**Dr. Aneesh T.P.**  
**Associate Professor, Pharmaceutical Chemistry &**  
**Analysis, School of Pharmacy, Kochi**  
MPharm, Ph.D.

Analytical & Bioanalytical Studies, Computational Drug Design



**Dr. M. S. Sudheesh**  
**Associate Professor, Pharmaceutics,**  
**School of Pharmacy, Kochi**  
MPharm, Ph.D.

Research Interest: Study of Bio-Nano Interactions, Development of Vaccine Adjuvants, Supersaturation and Precipitation of BCS Class II Drugs, Effect of Shodhana (Detoxification) on Biocompatibility of Bhasmas (Ayurvedic Metal Based Powder Formulations)





**Dr. Subin Mary Zachariah**  
Associate Professor,  
Pharmaceutical Chemistry &  
Analysis, School of Pharmacy,  
Kochi

M.Pharm., Ph.D.

Research Interest: Synthetic Chemistry &  
Drug Design



**Dr. Umadevi P.**  
Associate Professor,  
Pharmacology, School of  
Pharmacy, Kochi

M.Pharm., Ph.D.

Research Interest: Neuropharmacology &  
Clinical Research



**Dr. Vidya Viswanad**  
Associate Professor,  
Pharmaceutics, School of  
Pharmacy, Kochi M.Pharm.,  
Ph.D.

Research Interest: Design and  
Development of Novel Drug  
Formulation



**Dr. Jaya Thomas**  
Asst. Professor, Pharmacology,  
School of Pharmacy, Kochi  
M.Pharm., Ph.D.

Research Interest: Neuropharmacology,  
Molecular and Immunopharmacology,  
Women health



**Dr. Kaladhar  
Kamalasanan**  
Asst. Professor, Pharmaceutics,  
School of Pharmacy, Kochi  
M.Pharm., Ph.D.

Research Interest: Biomaterials, Drug  
Delivery, Immunotherapeutics,  
Diabetes, Wound Healing



**Dr. Leena K. Pappachen**  
Asst. Professor, Pharmaceutical  
Chemistry & Analysis, School of  
Pharmacy, Kochi  
M.Pharm., Ph.D.

Research Interest: Phytochemical &  
Pharmacological Evaluation of  
Medicinal Plants, Synthetic Chemistry

# FACULTY



## **Dr. Lekshmi R. Nath**

**Asst. Professor, Pharmacognosy,  
School of Pharmacy, Kochi**  
M.Pharm., Ph.D.

**Research Interest: Bio prospecting of  
Anticancer Compounds, Chemotherapy,  
Chemoprevention, Cell Death Mechanism,  
Hepatocellular Carcinoma**



## **Dr. Rajitha Panonnummal**

**Asst. Professor Pharmacology,  
School of Pharmacy, Kochi**  
M.Pharm., Ph.D.

**Research Interest: Development of Nano  
Carriers in the Field of Inflammatory and  
Immune Disorders, Transdermal Drug  
Delivery Approaches**



## **Dr Bijo Mathew**

**Associate Professor Pharmaceutical  
Chemistry & Analysis**  
**School of Pharmacy, Kochi**  
M.Pharm.Ph.D

**Research Interest: design of enzyme  
inhibitors, and especially monoamine  
oxidase and acetylcholinesterase inhibitors**



## **Dr. S. Sathianarayanan**

**Asst. Professor, Pharmaceutical  
Chemistry & Analysis, School of  
Pharmacy, Kochi**  
M.Pharm., Ph.D.

**Research Interest: Phytochemical &  
Pharmacological Investigation of Natural  
Sources, structural elucidation of organic  
compounds**



## **Dr. Athira K.V.**

**Asst. Professor Pharmacology,  
School of Pharmacy, Kochi**  
M.Pharm., Ph.D.

**Research Interest: Neurobiology  
and Behaviour, Epigenetics,  
Chemotherapeutics**



## **Meenu Vijayan**

**Asst. Professor, Pharmacy Practice,  
School of Pharmacy, Kochi** M.Pharm.

**Research Interest: Providing Pharmaceutical  
Care Services in Oncology Patients, Geriatric  
Patients and Paediatric  
Patients. Pharmacoeconomics &  
Pharmacoepidemiological Studies**

# FACULTY

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**Roshni P.R.**

**Asst. Professor, Pharmacy Practice, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Pharmacovigilance, Cardiovascular disease & diabetes**



**Remya Reghu**

**Asst. Professor, Pharmacy Practice, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Pharmacovigilance, Clinical Research**



**S. K. Kanthlal**

**Asst. Professor, Pharmacology, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Cardiovascular Disorders, Preclinical Screening and Molecular Pharmacology**



**Anila K.N.**

**Asst. Professor, Pharmacy Practice, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Pharmacoepidemiology and Pharmacoeconomics in Neurology, Cardiology, Lifestyle Disorders, Rare Diseases**



**Swati Gupta**

**Asst. Professor, Pharmaceutics, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Novel drug delivery system**



**Sreeja C. Nair**

**Asst. Professor, Pharmaceutics, School of Pharmacy, Kochi**

**M.Pharm.**

**Research Interest: Formulation Development and Drug Design**



# FACULTY



## **Prashant S.**

**Lecturer, Pharmaceutical  
Chemistry & Analysis, School of  
Pharmacy, Kochi**

M.Pharm.

**Research Interest: Engineering of  
Multifunctional Nanomaterials for Drug  
Delivery, Autoimmunity**



## **Dr Krishna Das M S**

**Assistnat Professor, Pharmacology,  
School of Pharmacy, Kochi**

M.Pharm, Ph.D

**Research Interest: Autoimmunity Neuro  
degeneration and molecular biology**



## **Sreesha N. Nair**

**Lecturer, Pharmacognosy,  
School of Pharmacy, Kochi**

M.Pharm.

**Research Interest: Phytochemistry**



## **Dr Saiprabha V N**

**Assistant Professor,  
Pharmaceutical  
Chemistry & Analysis,  
School of Pharmacy,  
Kochi**

M.Pharm, Ph.D

**Research Interest: Drug  
Design and Discovery**



## **Ms. Aadharsa Sugunan**

**Lecturer, Pharmacy Practice,  
School of Pharmacy, Kochi**

Pharm.D

**Research Interest: Patient counselling,  
Pharmacovigilance and Clinical practice.**

**FACILITY ➤**



# FACILITY

## Amita Centre for Nanoscience and Molecular Medicine

Cutting edge translational research and technology development on Nanopharmaceuticals in collaboration with ACNMM (Amita Centre for Nanoscience and Molecular Medicine )



## Pilot Plant

**Infrastructure:** Development of oral solid dosage form such as tablets, capsules and extended release pellets, Phase contrast microscope

**Expertise:** For formulating solid liquid and semi-solid dosage forms

# FACILITY



## Instrumentation Lab

**Infrastructure:** Fourier transform infrared (FT/IR spectrophotometer), High performance liquid chromatography (HPLC), UV-visible spectrophotometer, spectrofluorimeter, ELISA reader, flame photometer, biovia discovery studio software for insilico drug design studies

**Expertise:** Analytical method development and validation, therapeutic drug monitoring, bioavailability profiling, drug release studies, drug polymer interactions



## Cell Culture Lab

**Infrastructure:** Laminar flow cabinet (tissue culture hood) for cell culture, hot air oven, autoclave phase contrast microscope, fluorescent microscope, CO2 Incubators

**Expertise:** Establishment & maintenance of cell lines (Cancerous & normal cell lines), invitro cytotoxicity assay for screening of anticancer compounds (natural & synthetic) Apoptosis assays

## PG Research labs

Our School houses advanced research labs for pharmaceuticals, Pharmaceutical Chemistry & Pharmacology.



## PLACEMENT

## OUR RECRUITERS

NAVIGANT

IQVIA™

indegene™

Mylan

Centaur

Himalaya®

SUN  
PHARMA

DRCATALYST

novo nordisk

## INDUSTRIES HIRING OUR STUDENTS

Hospitals | Pharmaceutical Industries | Biopharmaceutical Industries  
Biotechnology Industry | Medical Research | Pharmacovigilance | IT





## FEW RECENT INVITED TALKS BY EMINENT EXPERTS

- Dr. Bobby George, VP - Relience Life Sciences
- Mr. S S Easwaran, Dean - Biocon Academy
- Mr. Padmadas, Director - Megasys Biotec
- Mr. Varghese M Peter, Production Manager  
Branded Generics, Neo Biocon, Dubai
- Dr. Shinu Chacko, Research Manager  
Sun Pharmaceutical Industries Ltd
- Mr. Janardhanan Narayanaswamy,  
VP HR Oaknet Healthcare



**Amrita School of Pharmacy,  
Amrita Vishwa Vidyapeetham,  
AIMS Health Sciences Campus,  
AIMS Ponekkara P. O., Kochi, Kerala 682 041, India**