



NIRMALA COLLEGE OF PHARMACY
MUVATTUPUZHA, KERALA-6366661



LIST OF B PHARM PROJECTS

Academic Year 2020-2021

Project No	Title	Guided by	Student Investigators
1	Design and characterization of topical emulgel containing neem oil for it's antidandruff properties	Mr Eby George	Abitha N Jabbar Khansa Beegam Nimisha Joseph
2	Development of herbal facial mask using natural mucilages	Dr. Fels Saju	Annamol Nelson asly Peter
3	Development and Evaluation of Herbal Antidandruff Formulation	MS.FLOWRLET MATHEW	ADHITHYA KV FARSANA TM
4	Formulation and Evaluation of Embelin inclusion complex based cream	Mrs. Elizabeth N. Xavier	Deepa susan Varghese , Aimy Kuriakose
5	Development of a Polyherbal Mouth Protect Spray	<i>Mr. Dhanish Joseph</i>	Teenu Manuel , Shakeela K s
6	Formulation and evaluation of herbal toothpaste containing <i>Eupatorium tripilineres</i> leaf extract	Ms Vidya Peter	Rosna Babu, Sherry Sebastian
7	Formulation and evaluation of cream containing essential oil for the management of Acne	Ms Sonia Ninan	Anakha Tomson Sneha Ann Sanju
8	Formulation and Evaluation of Herbal Aftershave Gel	Dr.Manju Maria Mathews	RIYA GEORGE CELU MARIYA FRANCIS
9	Investigation On Psychoprotective Potential Of Liposomal N-Acetyl Cysteine	Mrs Nancy Jose	Anitta Thomas, Annamol Joshy, Elza Baby, Sijin Biju

10	Evaluation Of Argentum Metallicum Tincture On Anxiolytic Activity In Mice	Ms Anu Sebastian	CEENU JOSE CHIPPY JOSE JUVANITA SABU
11	Insilico And Invivo Evaluation Of Nepeta Cataria Tincture On Antimigraine Activity	Dr Preeja G Pillai	Aiswarya VS Alby Manoj Divya Merin Emerson Nithin Thomas
12	Formulation And Evaluation Of Polyherbal Medicated Oil For Wound Healing Activity	Ms Anusha Shaji	Amal Thomas, Anubha Jose, Jiss Jaison
13	Assessment of ADR and side effects of COVID-19 vaccine via self evaluation	Dr Shaji George	Nilufa Sainudheen, Alisha K J, Alona Baby , Fathima K N
14	A Prospective Survey to Ascertain the Symptoms, Health Issues and Subsequent OTC Medication usage during Menstruation among College Students	Mr Jobin Kunjumon	Anagha Melbin, Mary Paul Dominic, Reshma Dominic
15	Assessment of patient knowledge ,practice and adverse events of insulin administration and storage techniques in patients with diabetes	Dr. Dona Maria Jetto	Nimitha Antony, Pavithra Ashok, Muhammad Abdul Khadir P s
16	Cosmetics Related Adverse Events And Need for Cosmetovigilance	Dr Shaji George	Karishma shaji, Mahin T M, Nandan a P B
17	An insight into the birth defects due to parental pesticide exposure from various sources	Ms Antriya annie Tom	Fasna Naseer, Mintu Mathew, Shibi T D
18	Assessing the effectiveness and risk for resistance with antibiotic use during the pandemic: A cross-sectional study on South Indian Population	Mrs Meby Susan Mathew	Arya Baby , Minju Chackochan, Ruksana
19	In Silico Design And Screening Of B-Carboline Derivatives As Topoisomerase Iia Inhibitors	Dr Prasanth Francis	Ajay Emmanuel Thomas, Jeelson Baby, Arya Sasankan
20	In-Silico Design And Molecular Docking studies of Benzimidazole and pyrazole hybrid derivatives as	Mr Manu Jose	FREDDY ROBBIN & JOMY JOHN

	Topoisomerase II Inhibitors In Cancer		
21	In Silico Design And Screening Of Carbazole Derivatives As Topoisomerase II Inhibitors	Mrs Elseena Jose	Mariya Joy and Shilpa Joseph
22	Insilico Design And Evaluation Of Indazole Derivatives As Gsk-3b Inhibitors	Ms. Anu Jayamol Mathew	Aiswarya Suresh, Anu Yusuf
23	Design and <i>Insilico</i> evaluation of inhibitors targeting pilotin <i>InvH</i> protein of Type III secretion of <i>Salmonella enterica</i>	Dr Prasanth Francis	Varsha Vinod, Jeswin Sunny
24	<i>In silico</i> screening of bioactive compounds of <i>Plectranthus amboinicus</i> against COX-2 and Alpha- amylase	Dr Deepa Jose	Aswathy Surendran, Devika Firose

Academic Year 2019-2020

Project No	Title	Guided by	Student Investigators
1.	Synthesis and biological evaluation of thiazolidinone derivatives	Ms. Jisha Thomas	Afna Azeez Netha George Rinu B Mathew Alan Peter Davis
2.	Evaluation of anti-inflammatory activity of Valsanabhi purified by different methods.	DR. Deepa Jose	Sahila T.S. Teresa Cyriac Rajarajeswari A
3.	Assessment of public opinion on various methods adopted for safe disposal of unwanted medication in Muvattupuzha.	DR. Shaji George	Ashline Jose Anto Denny Joy Muhammed Siddique

4.	Synthesis and evaluation of coumarin derivatives with anticoagulant And antibiotic property	DR. Prashanth Francis	Seethalakshmi M.V. Bella Baby Anjaly T Babu Amal Johnson
5.	Formulation and evaluation of mucoadhesive matrix tablets containing esomeprazole magnesium trihydrate prepared by TIMERx technology	Mr. Eby George	Suvarna Varghese Linta Benny Fathima Meethian Anjali K Biju
6.	Formulation and evaluation of amoxicillin chocolates for improved patient compliance in paediatrics.	DR. Fels Saju	Anjana Gopi Dionne Maria Fasna Muhammad Aleena Mariya Jolly
7.	Development of a herbal sunscreen formulation and its evaluation	DR. Prasanth B	Amrutha Soman Parvathy S Narayanan Jobin Johnson Amala P John
8.	Phytochemical and antifungal evaluation of zingiber wightianum thwaites	Ms. Sini Baby	Agnes Mathew Biniya John Dimal Jose Antony Varghese
9.	Screening of antimicrobial and antiasthmatic activity of acacia cassia	Ms. Lins Mary Joy	Jesna P.A. Ansu P Scaria Jaison Baby Dona Elizabeth Reji

Academic Year 2018-19

Project No	Title	Guided by	Student Investigators
1.	Development of Repaglinide transfersome loaded chitosan films for enhanced transdermal	Mr. Fels Saju	Abeesha Ali, Ameena K.M., Hensa Margret C.S.
2.	Multicomponent B-cyclodextrin systems of glimepiride	Mrs. Elizabeth N. Xavier	Femi Benny, Sandra Santhosh, Sherine S. Marachery

3.	Formulation and evaluation of gastroretentive floating drug delivery tablets containing proton pump inhibitors by Timerx	Mr. Eby George	Anna Benny, Nikita Johnson, Ponnu Rose Geordy
4.	Evaluation of invitro antidiabetic and anthelmintic activity of leaf extract of <i>Cucurbita maxima Duch</i>	Ms. Jisha Thomas	Anju George, Sherin Sebastian
5.	In-vitro anti-inflammatory and antidiabetic activity of	Ms. Aleesha R.	Alen Reji, Mariya Mariyil, Nimisha George
6.	A prospective study on potential drugdrug interactions in a secondary care hospital	Dr. Dona Maria Jetto	Alphine Roy, An Maria Jose, Harsha Rajesh, Johns Zacharia
7.	Synthesis and evaluation of antibacterial activity on Coumarin derivatives	Dr. Shyam Kumar B.	Aparna S., Helen Thomas Prasad, Kochurani Sebastian
8.	Comparative studies on total polyphenols, flavonoids, and antioxidant potential of processed and packaged green tea products available in Kerala	Dr. Badmanaban R.	Ambili Isac, Risna Ali, Manjima Mathew, Sheethal Elizabeth Regi
9.	Phytochemical screening and comparison of anti-microbial and antioxidant study of leaf extracts of <i>Curcuma caesia ROXB.</i> (Himalayan variety) and <i>Curcuma</i>	Mrs. Elseena Jose	Anju George, Antony Mathew, Neethu T.R.
10.	Phytochemical analysis and in-vitro anti- diabetic and anti-inflammatory study of root extract of <i>Apama siliquosa LAMK</i>	Mr. Manu Jose	Dona Mathew, Naurin Muhammed, Stephin Baby
11.	Phytochemical screening and comparison of invitro antidiabetic activity studies of aqueous leaf extract of <i>Psidium guajava linn</i> and <i>Moringa oleifera lam</i>	Mrs. Anu Jayamol Mathew	Ashly Reji, Nithya Johns, Shijina Shamsudeen
12.	A preclinical investigation of <i>Celastrus paniculatus</i> and SSRI by using simultaneously in psychological disorders	Dr. Bharat Mishra	Elizabeth John, Riya Mariya Sunny, Shehnas A.N.
13.	A study on effect of antibiotic on methanolic and ethyl acetate extracts of <i>Aerva lanata linn</i> against multi-drug resistant microorganisms	Mrs. Sini Baby	Christy Xavier, Merin Joe Maliakel, Susanthika K.
14.	Comparative evaluation of antidiabetic activity of unripe fruit pods and seeds of <i>Artocarpus heterophyllus lam</i>	Sr. Sunu Kuriakose	Anija Alias, Athira Sajeev, Minu Jacob

15.	Evaluation of antimicrobial activity of a herbal mixture	Ms. Deepa Jose	Aneesa Ayoob, Gifty Lawrance, Linta Jose
16.	Comparative study on antimicrobial activity of young and older leaves of <i>Calycopteris floribunda</i>	Mrs. Lins Mary Joy	Anannya Mathew, Jais Merlin, Nicy George, Nimna Ramesan
17.	Preparation and evaluation of antimicrobial property of polyherbal formulation	Mr. Prasanth B.	Amalu Johnson, Annamol Prasad, Megha Jose, Rukzana Sidhik
18.	Epidemiological study on impact of parenting and social disparities on the mental health of pre-adults and adult students in the urban and rural areas of Ernakulam District,	Dr. Bharat Mishra	Ananna Johnson, Delphina V. Joseph, Kamal Saju, Laya Jose

Academic Year 2017-18

Project No	Title	Guide d by	Student Investigators
1.	To investigate various pharmacological activities of isolated chicken fat by invitro screening methods and to determine fatty acid profile byGC MS analysis	Dr. Bharat Mishra	Anitta Joseph, Anju K Paul, Gayathri Devi, Della Varghese
2.	Pharmacological and phytochemical screening of coconut husk and shell	Ms.Preethimol Francis	Alex Jose, Fathima K Ashraf, Aleenamol George, Jebini
3.	Phytochemical analysis and in vitro anti inflammatory and anti bacterial study of a marine algae ulva lactuca	Mr.Naveen K R	Jashna K, Jeeva Benny, Ginu George, Suraj K V
4.	Evaluation of practicing pharmacy to that of theoretical ideal pharmacy	Mr.Shaji George	Angel P Jose, Sneha Saji, Merin Jose, Sandra Joy
5.	assessment of prevalence and risk factors associated with meabolic syndrome among healthcare professionals	Dr Suja Abraham	Anitta Anderson, Manessha Peter, Donamol George, Josephine Augustine
6.	Evaluation of therapeutic adherence and its impact on quality of life of diabetic patients	Mr. Jayakumar K S	Mahin Aliyar, Gifty Benny, Josnamol
7.	Formulation and Evaluation of ultra deformable vesicle of Flurbiprofen for enhancing permeation	Fels saju	Athulya Venugopal, Neena Paul, Shamasree
8.	Formulation and evaluation of in situ ophthalmic drug delivery system containing atropine sulphate	Eby George	Ashna Martin, Chinju M Sivaraman, Elizabeth Slesha, Ancy Thomas
9.	Antifungal activity of synthesised coumarins	Dr. Shyam Kumar B	Jayalakshmi, Rosemol, Haseena C M, Dona Thomas
10.	Comparative evaluation of antioxidant activity of syzygium cumini and Psidium guajava	Ms. Deepa Jose	Ashna PM, Neema hairuban, Sowmini, Mary simi
11.	Phytochemical screening and comparison of antimicrobial activity of various extracts of tamarindus indica	Ms. Sini Baby	Sajeenamol, Aleena paul, Lena Jose
12.	Phytochemical analysis and invitro antidiabetic studies of aqueous leaf extracts of Lagerstroemia speciosa and Aegle marmelos	Mr. Manu Jose	Sweethy Kuriakose, Anadhu K, Sneha tom, Ann mariya lonappan

13.	phytochemical screening and comparison of antioxidant potential of various solvent extracts of the plant <i>Tagetes erecta</i>	Ms. Anu Jayamol Mathew	Carol Wilson, Anu priya, Mariya bambina chippy
14.	Comparative study on total phenolic and antioxidant content of marketed Indian green tea to ascertain its quality	Dr. Badmanabhan R	Ross T aknnat, Joicy Jose, Jilu George, Ann mariya babu
15.	Antioxidant activity of <i>Calycopteris floribunda</i> leaves	Lins Mary Joy	Vysakh Govindraj, Allesha salby, Delna George
16.	Estimation of hydroxyl-citric acid from a marketed product of <i>Garcinia cambogia</i> by spectrophotometric method.	Mr. Prasanth B	Suryamol PJ, Tintu joy, Arun francis

Academic Year 2016-2017

1.	Extraction of bioactive compounds from plant materials by enzymatic digestion	Dr. Minu B. Pattasseril	Aiwa Avarachan, Naveen V., Shabana K Moidu
2.	Biofilm Formation : A silent Threat to Human Life	Mr. Fels Saju	Albin Jose, Junia George, Nima George
3.	Project on General Perception of Antibiotics in public	Mr. Shaji George	Albiya Serby, Amitha K.B.,
4.	Role of Pharmacist in Pharmacovigilance Programme : An update	Dr. Suja Abraham	Aleena Alex, Heera George
5.	A review on Batten Disease	Mrs. Preethimol Francis	Aleena Joy, Alphonsa Anna Raju, Sebin P.
6.	Study of Drug Safety Alerts And its Application in Community Pharmacies Located in and around Muvattupuzha	Ms. Meby Susan Mathew	Amalu Kuriakose, Neema Jose, Sulfath T.S.
7.	Recent Highlights in the Biomedical Applications of Graphene – A review	Ms. Rakhimol K.S.	Aneesa M.H., Kesiya K. Thomas, Twinkle
8.	A Review on Pharmacological Activities of selected plants from Musaceae Family	Mr. Naveen K.R.	Anju Ambujakshan, Melgi K. George, Julin Maria Jose
9.	Edible Vaccines : A natural Way for Immunization	Ms. Deepa Jose	Anna Francis, Aswathy A., Aswin Pradeep

12.	A Review On the Responsible use of Antimicrobials for Veterinary Purpose	Ms. Antriya Annie Tom	Archana Jose, Jeethu Joy, Methun George
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10.	A review on Biosimilars	Mr. Manu Jose	Ann Maria Alex, Jesbin K.J., Josni Jose
11.	Review on Insects Having Medicinal Uses	Prof. Dr. Badmanaban	Anu Joy, Danneya Joy, IllaniyaJohny
13.	A review on Pharmacosomes : The lipid Based New Drug Delivery System	Mr. Eby George	AparnaCheriyam, Austin Johns,
14.	A Review on methods for Neutralization of Snake venom using Herbal drugs	Ms. Lins Mary Joy	Chanchal Vincent, ChinnuCharls, SaifinaShaji
15.	Evaluation of Quality of Pharmaceutical services of Rural and urban areas of Muvattupuzha	Mr. Jayakumar K.S.	Cuckoo Baby, Jibin Jose, Joicy John
16.	Study of Novel Application of Curcumin	Mrs. Elizabeth N. Xavier	Daniel Joseph, Haritha P.H.,
17.	Scientifically Proven Herbal Anticancer Drugs in Kerala – A Review	Mrs. Honey Jose	Geethanjali K.S., Maria Babu, Merin Maria George
18.	Review on Antibiotics Produced from Marine Bacteria	Ms. Anu Jayamol Mathew	GreeshmaKuriachan, Shalu James,
19.	A Review On Arogyapacha, An Endangered Plant Endemic to Western Ghats	Mr. Prasanth B.	JinuAvarachan, Sachu Thomas, Sandra Varghese