

General Information about the department

(Summary about the milestones of the Department, academic facilities, research facilities, staff, no. of Post graduate students, Fellowship students, various courses including Allied health sciences & Paramedical courses and services provided by the department)

Department of Pharmacology was started in 1956.

The teaching faculty includes 5 professors, 4 Assistant Professors and 6 tutors.

The department is involved in teaching various courses –

Medical-MBBS (250 students annually), MD (9 post graduates annually)

Dental-BDS,

Nursing –BSc, Post –basic BSc

Allied Health Sciences: BSc Operation theatre technology, BSc Respiratory care technology, Ophthalmic technology, Perfusion technology, BSc Dialysis technology, BSc Cardiac care technology, BSc Anaesthesia Technology, Diploma in OT technology, Dialysis technology, Dental Hygiene, Dental Mechanic etc.

Adverse Drug Reaction Monitoring Centre, under the Pharmacovigilance programme of India was established in 2011. Department of Pharmacology also renders Drug information services to the health care professionals.

Teaching faculty

(Unit wise data)

Sl.No	Name	Qualification	Designation
1	Dr. Geetha A	MBBS, MD (Pharmacology)	Professor and HOD
2	Dr. S. Narayana Reddy	MBBS, MD (Pharmacology)	Professor
3	Dr. Mamatha KR	MBBS, MD (Pharmacology)	Professor
4	Dr. Kavitha Rajarathna	MBBS, MD (Pharmacology)	Professor
5	Dr. Sushma M	MBBS, MD (Pharmacology)	Assistant Professor
6	Dr.PraveenPanchaksharimath	MBBS, MD (Pharmacology)	Assistant Professor
7	Dr. Laxminarayana Kamath	MBBS, MD (Pharmacology)	Assistant Professor
8	Dr. Vijayalakshmi	MBBS, MD (Pharmacology)	Assistant Professor

Non-teaching faculty

Sl.No	Name	Designation
1	Narayana Gowda R C	Senior medical laboratory technologist
2	Latha D	Senior medical laboratory technologist
3	Fasee Ur Rehman	Pharma Chemist
5	Lakshmi	Group D worker (contract Basis)
6	Ratna	Group D worker (contract basis)
7	Lakshmi Devi	Group D worker(contract basis)
8	Venkatamma	Group D worker (animal house)

Services given by the department (Include specialty clinics, outreach programmes, Community programmes, any other services etc.)

Sl. No.	Programmes/Services	Concerned staff	Time/Period
1	Pharmacovigilance programme	Faculty of Pharmacology	-
2	Drug information service to health care professionals	Faculty of Pharmacology	-

Academic Activities

Teaching programme

For the month of(average for 1 month)		
SI No	UG (numbers/--month)	PG (numbers/--month)
Theory classes	48	4
Practical classes	30	16
Seminars	1	4
Journal club	-	4
Guest lectures	-	Once in 3 months
Case presentations	1	2
Any others, specify.	-	<ul style="list-style-type: none"> PG group Discussion- 4 New drug/new ADR discussion- 4

		<ul style="list-style-type: none"> • Screening methods discussion- 4 • Basic statistics exercises- 2 • Practicals- 8
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Research Activities

Research Projects—2019, 2020 (ongoing) (Exclude Dissertation)

Sl no	Title of the project	Name of the PI	Name of the guide
1	1) Pattern of Electrolyte imbalance in patients receiving platinum-based chemotherapy: An observational study 2) Hematological Adverse Drug Reaction Pattern in Patients Receiving Platinum Based Chemotherapy in A Tertiary Care Hospital: An Observational Study	Dr. Rakesh	Dr Geetha A
2	1) A comparative study of Efficacy and Safety of Alcaftadine 0.25% versus Olopatadine Hydrochloride 0.2% in Allergic Conjunctivitis at a Tertiary Care Hospital 2) A comparative study of Efficacy and Safety of Fixed dose combination of Azilsartan With Chlorthalidone versus Azilsartan with Hydrochlorothiazide in Hypertensive patients. 3) A study to evaluate Heart Rate Variability before and after Metformin therapy in Newly detected Type 2 Diabetic patients at a Tertiary Care Hospital	Dr. Akila K	Dr. C R Jayanthi
3	1) An Observational study to assess the knowledge, attitude and practice of pharmacovigilance among health care professionals in a Tertiary care hospital 2) An Observational study to evaluate the pattern, causality, predictability, severity and preventability of adverse drug reactions in high risk pregnancy ward at a Tertiary care hospital	Dr. Tejaswini	Dr. Narayana Reddy S
4	1) Cost variation analysis of anti-psychotics drugs available in India: An Economic perspective 2) Haemovigilance study of transfusion related adverse events at a Tertiary care hospital	Dr. Meghana D	Dr. Laxminarayana Kamath
5	1) Prescription pattern in Allergic rhinitis in department of ENT at a tertiary care centre 2) Preventability, predictability, severity of ADRs in department of ENT at a tertiary care centre	Dr. Suhas K	Dr Mamatha K R

6	<ol style="list-style-type: none"> 1) Prescription pattern of drugs used in alcohol dependence in a tertiary care hospital - A cross sectional study 2) Prescription pattern of antibiotics in pregnancy in a tertiary care hospital 3) Pattern, Causality, Predictability, Severity and Preventability of Adverse Drug Reactions Among In-Patients in Department Of Surgery in a Tertiary Care Hospital – An Observational Study 	Dr. Kavya B S	Dr. C. R. Jayanthi Dr. Kavitha R
7	<ol style="list-style-type: none"> 1) To compare efficacy and safety of Faropenem versus Amoxicillin-Clavulanate in the management of diabetic foot ulcers. 2) Practice of Intravenous to Oral Conversion of Antimicrobial Agents at a Tertiary Care Hospital. 	Dr. Nandini	Dr. C. R. Jayanthi Dr. Sushma M
8	<ol style="list-style-type: none"> 1) Evaluation of pattern, predictability, severity and presentability of adverse drugs reactions in psychiatric department at a tertiary care center 2) Critical appraisal of drug promotional literature as per WHO ethical criteria 	Dr. Venkat Raghav	Dr. Praveen P/ Dr. Kavitha R
9	<ol style="list-style-type: none"> 1) A Prospective, Open label, Randomized-controlled study to evaluate the Efficacy and Safety of MyVir tablets in quarantine patients of COVID-19. 2) A Comparative Study of Efficacy and Safety of Topical Curcumin Versus Povidone Iodine in Radiotherapy Induced Oral Mucositis Patients with Head and Neck Cancer at a Tertiary Care Hospital 3) Self-Reported Hypoglycemia and Fear of Hypoglycemia in Patients with Type 2 Diabetes 	Dr. Shruti A	Dr. C. R. Jayanthi/ Dr. Vijayalakshmi
10	<ol style="list-style-type: none"> 1) Evaluation of medical device associated adverse events at a tertiary care hospital- An observational study 2) A study to evaluate safety and efficacy of nasal Methylcobalamin spray versus oral Methylcobalamin in vitamin B12 deficient type 2 diabetes mellitus patients on metformin: A randomized controlled trial 3) To evaluate heart rate variability in hypertensive patients on various antihypertensive agents: An observational study. 	Dr. Syed Salman Farookh	Dr. C R Jayanthi

	4) Impact of pharmaceutical products brand in the perspective of doctors: A questionnaire based cross sectional study.		
11	A Questionnaire based study on the Knowledge, attitudes and practices of chronotherapy/Chronopharmacology among postgraduates in a tertiary care hospital	Dr. Grace	Dr. Geetha A
12	1) Efficacy and Safety Of ‘AyurRaksha Kit’ In Mild Covid-19 Patients at a Tertiary Care Hospital: An Open-Label, Randomized Control Study 2) Impact of Anti-Hypertensive Treatment in Covid-19 Patients at a Tertiary Care Hospital 3) A Clinical Study to evaluate the role of Herbal Immunomodulator (VIRANORM) as an add on treatment in Asymptomatic and mildly symptomatic COVID -19 confirmed cases	Dr. Bhavya Darshini M	Dr. C. R. Jayanthi
13	Complementary and Alternative Medicine – Knowledge, Perception and Practice among medical students – A Descriptive Study	Dr. Nida K	Dr. Vijayalakshmi

Publications of the faculty and students 2019, 2020

PUBLICATIONS

Sl no	Publication Title	Publication Year
1	Devarashetty V, Praveen AN, Manjunath R. Potential drug-drug interactions among ischemic heart disease patients at a tertiary care hospital. Natl J Physiol Pharm Pharmacol 2020;10(07):557-562.	2020
2	Meghana D, Kamath L, Revathi TN. Evaluation of efficacy and safety of topical 1% terbinafine versus topical 2% sertaconazole in patients with tinea cruris – A randomized controlled trial. Natl J Physiol Pharm Pharmacol 2021;11 (Online First)	2020
3	Venkataraman A P, Laxminarayana Kamath, Samhita Shankar. Knowledge, Attitude and Practice of Insulin Use of Diabetic Patients in India. Pharmacology and Clinical Pharmacy Research. Volume 5 No. 1 April 2020: 23-32.	2020
4	Kiran Warriar, C. R. Jayanthi. Completeness of reporting and outcome switching in trials published in Indian journals from 2017 to 2019: A cross-sectional study. Journal- Perspectives in clinical pharmacology	Date of Acceptance 8th April 2020
5	Nandini HC, AkshayGali, Sushma Muraraiah. Assessment of Factors Influencing Adherence to Antidiabetic Drugs Among Patients with Type 2 Diabetes Mellitus at a Tertiary Care Hospital in India. Pharmacology and Clinical Pharmacy Research. Volume 5	2020

	No. 1 April 2020: 7-13.	
6	Vinayak A, Rajarathna K, Raghavendra BS. Effect of clonidine as an add-on fentanyl premedication on post-operative pain in patients undergoing spine surgeries: A randomized study. <i>Natl J Physiol Pharm Pharmacol</i> 2020;10(02):144-148.	2020
7	Deepak KR, Geetha A. Cost variation analysis of various brands of anticoagulants, fibrinolytics, and antiplatelet drugs currently available in Indian pharmaceutical market. <i>Natl J Physiol Pharm Pharmacol</i> 2019;9(5):368-372.	2019
8	Priyanka AT, Mamatha KR, Puttamadaiah GM. A comparative study to assess the efficacy and safety of bepotastine and cetirizine in allergic rhinitis. <i>Int J Basic Clin Pharmacol</i> 2019;8:2304-8.	2019
9	Jayanthi CR, Darshini MB. A study to analyze the pattern, causality, severity, predictability, and preventability of adverse drug reactions among patients attending the department of obstetrics and gynecology at a tertiary care hospital. <i>Natl J Physiol Pharm Pharmacol</i> 2019;9(2):172-177.	2019
10	P, Yashaswini, Geetha A, and Prashanth B V. Analysis of pricing of oral antiviral drug formulations available in Indian market. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> . 2019; 9 (5): 401-404	2019
11	Saba NUZ, Muraraiah S, Chandrashekar H. Medication adherence in schizophrenia: Understanding patient's views. <i>Natl J Physiol Pharm Pharmacol</i> 2019;9(5):373-378.	2019
12	Lalitha A, Mamatha KR, Puttamadaiah GM. Azelastine hydrochloride nasal spray and its combination with fluticasone propionate in the management of allergic rhinitis-A comparative study. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> . 2019;9(5):356-60.	2019
13	Chandrappa S, Divya R, Rajarathna K. Assessing prescriptions for potentially inappropriate medications using Beer's criteria in elderly in-patients at a tertiary care hospital. <i>Natl J Physiol Pharm Pharmacol</i> 2019;9(2):145-149.	2019

Conference presentations of 2019, 2020

Sl. No	TITLE OF THE PRESENTATION	NAME OF THE PG	DETAILS OF CONFERENCE
1	PAPER: Cost variation analysis of drugs used in treatment of alcohol dependence in a TCH- an observational study.	Dr. Akila	National Conference on alcohol in health, research and disease at Chettinad Medical College and Hospitals, Chennai. 27 th June 2019
2	POSTER: Evaluation of	Dr. Akila	Conference on

	pattern and severity of adverse drug reaction of Dapaliflozin in T2 DM- a cross sectional study.		Pharmacovigilance at Vydehi Medical College and hospitals, Bengaluru. 19 th July 2019
3	PAPER:Cost variation analysis of anti-psychotic drugs available in India.	Dr. Meghana	International World Congress, IISc, Bengaluru. 28 th &29 th August 2019
4	POSTER:An Economic perspectiveHaemovigilance study of transfusion relatedadverse events at TCH.	Dr. Meghana	Vydehi State Conference, Bengaluru. 19 th JULY 2019
5	Paper: Prescription pattern in allergic rhinitis.	Dr. Suhas	ALLERCON national conference. Allergy and asthma research center, Kolkata. 30 th August 2020
6	Poster: Preventability, predictability, severity of ADRs in a ENT tertiary care centre.	Dr. Suhas	Vydehi State Conference, Bengaluru. 19 th JULY 2019
7	PAPER:Pattern of electrolyte imbalance in patients receiving platinum based chemotherapy- an observational study.	Dr. Rakesh R.T	World Congress on Pharmacology-2019 “Drug Discovery and Development.” Bengaluru 28 th &29 th August 2019
8	Poster: Hematological Adverse drug reaction pattern in patients receiving platinum based chemotherapy in a tertiary care hospital: An observational study * 1st PRIZE	Dr. Rakesh R.T	C.M.E : Pharmacovigilance Clinical Implications at Vydehi Institute of medical sciences, Bengaluru. 19 th July 2019
9	PAPER:An observational study to assess the knowledge, attitude and practice of pharmacovigilance among health care professionals in a TCH.	Dr. Tejaswini	World Congress on Pharmacology-2019 “Drug Discovery and Development.” Bengaluru 28 th &29 th August 2019
10	POSTER:An observational study to evaluate the pattern, causality, predictability,severity and preventability of adverse drug reactions in high risk pregnancy ward at a TCH.	Dr. Tejaswini	Vydehi Medical College 19 th July 2019
11	PAPER: Evaluation of drug	Dr. Venkat Raghav MV	World Congress on

	promotional literature.		Pharmacology-2019 “Drug Discovery and Development.” Bengaluru August 29 th 2019
12	POSTER: Evaluation of pattern, causality, severity, predictability and presentability of ADRs reported in department of psychiatry at a TCH.	Dr. Venkat Raghav MV	Vydehi Medical College 19 th July 2019
13	POSTER: Adverse drug reactions to corticosteroid therapy in paediatric idiopathic nephrotic syndrome 2nd prize	Dr. Nandini HC	C.M.E: Pharmacovigilance: clinical implications at Vydehi Institute of medical sciences, Bengaluru. 19 th July 2019
14	PAPER: Response pattern to corticosteroid therapy in pediatric idiopathic nephrotic syndrome	Dr. Nandini HC	SRM Medical college 8 th and 9 th Feb 2019
15	PAPER:A questionnaire based study on the knowledge, attitude and practices of chronotherapy/ Chronopharmacology among post graduate students in a TCH.	Dr. Medige Shekinah Grace	APPSCON 4 th December 2020
16	PAPER:Effect of Remdesivir on serum potassium in moderate to severe COVID-19 patients – an observational study.	Dr. Rohith	APPSCON 4 th & 5 th December 2020.
17	PAPER:A cross sectional study onpharmacotherapy and clinical outcomes of diabetes mellitus in pregnancy at a TCH.	Dr. Poovizhi	APPSCON 4 th &5 th December ‘20.
18	PAPER:Effect of Remdesivir on liver and kidney function in moderate to severe COVID-19 patients- an observational study.	Dr. Supriya	APPSCON 4 th & 5 th December 2020.
19	PAPER:Evaluation of	Dr. Syed Salman	APPSCON

	medical device associated adverse effects at a TCH- an observational study.		4 th &5 th December '20.
20	POSTER:Impact of pharmaceutical products brand in the perspective of a doctors- a cross sectional study.	Dr. Syed Salman	APPSCON 4 th &5 th December '20.
21	POSTER: Complementary and alternative medicine- knowledge, perception and practice among medical students. A descriptive study.	Dr. Nida K	APPSCON 4 th &5 th December '20.
22	POSTER:Cost variation analysis of various SSRIs available in Indian market.	Dr. Raghav M V	APPSCON 4 th &5 th December '20.
23	PAPER: A study on occurrence of hand dermatitis in health care workers due to enhanced hand hygiene.	Dr. Abhishree B S	APPSCON 4 th &5 th December '20.
24	PAPER:Pattern of conversation from intravenous to oral antimicrobials in community acquired pneumonia and its cost benefit.	Dr. Anushree D	APPSCON 4 th &5 th December '20.
25	POSTER: An observational study to evaluate COVID-19 pre-exposure prophylaxis among healthcare workers in TCH	Dr. Anusha R	APPSCON 4 th &5 th December '20.

CME / Workshops conducted by the department in 2019, 2020

Sl.no	Title	Date	Level (regional/national/ international)	Credit points
1.	Doping control officer (DCO) training under the aegis of NADA (National anti-doping agency)	5 th and 6 th July 2019	Regional	-

Conferences conducted by the department in 2019, 2020

Sl.no	Title	Date	Level (regional/national/ international)	Credit points
1.	11 th annual women's conference in	8.3. 2019	Regional	2

	association with WINCARS and IMA Bangalore branch			
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Notice board

(Awards, achievements of students and faculty, new services)

UNIVERSITY TOPPERS

SI No	PG Students	RGUHS Exams	Rank
1	Dr. Ankita Bedwal	June 2018	Second
2	Dr. Afreen Fathima	June 2018	Third
3	Dr. Praveen A N	June 2019	First
4	Dr. Bhavya Darshini M	June 2019	Second

ACHIEVEMENTS:

1. Dr. Nandini H C (Postgraduates of Pharmacology), 1st place in group academic excellence at 10th International course in Health Research Methodology and evidence Based Medicine at St. Johns medical college in collaboration with Mc Master University, Canada, Dec 2018
2. Dr. Supriya and Dr. Grace (Postgraduates of Pharmacology) 1st place in group research presentation at 12th International course in Health Research Methodology and evidence Based Medicine at St. Johns medical college in collaboration with Mc Master University, Canada, Dec 2020
3. Dr. Rakesh R.T, 1st prize for poster presentation titled: Hematological Adverse drug reaction pattern in patients receiving platinum based chemotherapy in a tertiary care hospital: An observational study in C.M.E : Pharmacovigilance Clinical Implications at Vydehi Institute of medical sciences, Bengaluru. 19th July 2019
4. Dr. Nandini H C, 2nd prize for poster presentation titled: Adverse drug reactions to corticosteroid therapy in paediatric idiopathic nephrotic syndrome, in C.M.E : Pharmacovigilance Clinical Implications at Vydehi Institute of medical sciences, Bengaluru. 19th July 2019

