

## DEPARTMENT OF PHARMACOLOGY

### 1. Introduction

The department of Pharmacology was established in 1988 with all facilities as per MCI requirement under the able guidance of Dr. S. Nanjappa, a senior professor of Pharmacology retired from Karnataka Government service and with a young and dynamic HOD Dr. Babu S Nema. There was steady improvement in the quality of teaching and percentage of results under the erstwhile Bangalore University. In September 1994, a senior retired professor; Dr. Lily Kutty took over as HOD for a period of one year. The year 1995 saw a highly motivated, innovative and interested professor Dr. T.S. Hariharan taking over as HOD who dedicated himself in improving museum, fully revised practical record, planning the department of Pharmacology to be shifted to the new administrative block with the able guidance of Dr. S. Nanjappa.

New staffs joined the department, Dr. Sarala N (asst. professor) and Dr. T N. Kumar (professor) who strengthened the implementation of undergraduate syllabus. In Jan 2003, the department saw an important development in the starting of MD Pharmacology course with the approval of MCI for 2 seats per year. With the resignation of Dr. T. S. Hariharan in Feb 2003, Dr. N. Kumar took over as HOD and was actively involved in the development of the department. He resigned in May 2012. Dr. Sarala N was appointed as HOD from Aug 2012. Till now, 16 candidates have obtained their MD degree (recognized by MCI) and from 2010-11 batches MCI approved one additional MD seat, increasing the intake to three per year. At present, the department is active in the field of research and pharmacovigilance. A new Clinical Pharmacy Unit was inaugurated on 12-10-2011 by the Vice chancellor of SDUAHER Dr. S. Chandrashekar Shetty in RLJ hospital and Research Center and is functioning presently to provide up to date information on drugs, adverse drug reaction and drug interactions. To ensure that, faculty is dedicated and motivated by undergoing faculty development programme to improve their academic skills and personality. Four faculties have also undergone training in Medical education technology.

### HOD List

Sl. No	Name	From	To
1	Dr. Babu S Nema	1/1/1988	30/8/1994
2	Dr. Lily Kutty	1/9/1994	1/8/1995
3	Dr. Hariharan T.S	2/8/1995	28/2/2003
4	Dr. T N Kumar	1/3/2003	7/5/2012
5	Dr. Sarala N – I/c HOD	8/5/2012	31/7/2012
6	Dr. Sarala N	1/8/2012	till date

### 2. Programmes offered

- a. MBBS
- b. MD (Pharmacology)
- c. BSc (Nursing)
- d. BSc (OT)

### 3. Facilities

- a. Pharmacovigilance
- a. Clinical Pharmacy Unit (CPU) at R.L.Jalappa Hospital and Research Centre.

### 4. Faculty

Sl. No	Name	Qualification	Designation
1	Dr. Sarala N	MBBS, MD	Professor & HOD
2	Dr. Girish M Bengalorkar	MBBS, MD	Associate Professor
3	Dr. Bhuvana K	MBBS, MD	Associate Professor
4	Dr. Smitha Rai	MBBS, MD	Assistant Professor
5	Dr. Meenakshi Lella	MBBS, MD	Assistant Professor
6	Dr. Jayakumar JK	MBBS, MD	Assistant Professor
7	Dr. Balamurali K	MBBS	PG cum Tutor
8	Dr. Vidhyalakshmi CP	MBBS	PG cum Tutor
9	Dr. Harish S	MBBS	PG cum Tutor
10	Dr. Tejashree T	MBBS	PG cum Tutor
11	Dr. Dharmistha Patel	MBBS	PG cum Tutor
12	Dr. Nandish C	MBBS	PG cum Tutor
13	Dr. Revathi Ramesh	MBBS	PG cum Tutor
14	Dr. Dheepan Nayagam B	MBBS	PG cum Tutor
15	Dr. Chetan Kumar G	MBBS	PG cum Tutor

### 5. Publication: Total No: 33 (Past 5 years)

#### Details of publications include Name of Author, title of the article and journal details.

1. Fixed drug eruptions: A system review of published case reports in Indian scenario. Sarala N, Paknikar Simi, Trends in Medical World.2008;1(3):30-4
2. Ondansetron induced fatal ventricular Tachycardia. Chandrakala R, Vijayashankara CN, Kushal Kumar K, Sarala N, Indian Journal of Pharmacology. 2008;40(4):186-7
3. Adverse reactions to Antimicrobials in tertiary care hospital. Bhuvana K, Sarala N, Kumar TN Journal of Pharmcovigilance Drugs Safety. 2009; 6(1): 10-12.
4. Prophylactic use of antimicrobials in Hysterectomy. Heethal JP, Sarala N, Kumar TN, Hemalatha MS. Trends in medical world.2010;3(1):24-29
5. Pattern of antimicrobials used to treat infected diabetic foot in a tertiary care hospital in Kolar. Girish MB, Kumar TN, Srinivas R. International Journal of pharmaceutical and biomedical Research. 2010;1(2):48-52
6. Pattern of antimicrobials used in caesarean section in a tertiary care hospital in rural south India. Heethal J, Sarala N, Kumar TN, Hemalata M. International Journal of pharmaceutical and biomedical Research.2010;1(2):57-61

7. A study of the pattern of antibiotic use in major head and neck cancer surgeries .Sapna Patil, Azeem Mohiyuddin, Kumar TN. International Journal of Pharmaceutical and biomedical Research.2010;1(2):65-68
8. Tolperisone: Clinical Pharmacology. Girish MB, Bhuvana K, Sarala N, Kumar TN, J AnaesthClinPharmacol. 2010;26(3):363-64
9. Comparative study of nebivolol and (s) – atenolol on blood pressure and heart rate in hypertension. Sahana GN, Sarala N, Kumar TN, Lakshmaiah V. Indian Journal of Pharmacology. 2010; 42:401-05.
10. Topical Tacrolimus: Pharmacological aspects. Bhuvana K, Sarala N, Gurcharan Singh, Kumar TN. International Journal of Biological and Medical Research 2010; 1(4):337-40.
11. A novel atypical antidepressant drug: Agomelatine.Girish MB, Bhuvana K, Nagesh Raju G, Sarala N. International Journal of pharmaceutical and biomedical Research. 2010; 1(2):48-52.
12. A brief review of newly approved respiratory, cardiovascular and gastrointestinal drugs in India. Paknikar Simi, Sarala N, Girish MT. Pharmabuzz. 2010;5(11):32-37.
13. Fospropofol-clinical pharmacology. Girish MB, Bhuvana K, Sarala N, Kumar TN. Journal of anaesthesia and clinical pharmacology.2011;27(1):79-83
14. Evaluation of efficacy of duloxetine in stress urinary incontinence in women. Deepak P,Kumar TN, Sen TK. IJP. 2011;43:176-9
15. Duloxetine – Pharmacological aspects. Deepak P and Kumar TN. International Journal of Biological and Medical Research.2011;2(2):589-92
16. Diabetic foot infections- A review. Girish MB, Kumar TN. IntBiol med Res.2011; 2(1):453-60
17. Analysis of different types of poisoning in a tertiary care hospital in rural south India. Heethal Jaiprakash, Sarala N, Venkatarathanamma, Kumar TN, Food and Chemical Toxicity.2011;49:248–50
18. Culture and sensitivity pattern of micro-organism isolated from diabetic foot infections in a tertiary care hospital. Girish MB, KumarT.N. Int J Cur Biomed Phar Res.2011;1(2):34–40.
19. Ivabradine: a novel drug for angina pectoris. Bhuvana K , Girish M B, Sarala N, Int J Cur Bio Med Sci. 2011;1(2):69–71
20. Comparative study of the efficacy of valacyclovir and acyclovir in Herpes zoster. Nagesh Raju G, Mohammed Raza, Kumar T N, Gurcharan Singh. International Journal of Pharmaceutical and Biomedical Research. 2011;2(2):119-23
21. Nebivolol – Pharmacological aspects. Sahana G N, Sarala N, Kumar T N. International Journal of Biological and Medical Research. 2011;2(2):577-80.

22. Effect of 0.1% Tacrolimus ointment in localized vitiligo: an open uncontrolled trial. Bhuvana K, Sarala N, Gurcharan Singh. Indian journal of Dermatology. 2011;56(4):445-6.
23. Effect of Heparin and Low Molecular weight Heparin on serum potassium levels. Girish MB, Sarala N, Venkatarathanamma PN, Kumar TN. J Pharmacol Pharmacother. 2011;2(4):266-69.
24. Hydrogen sulphide: A new member of Gasotransmitters, an overview article. Girish MB, CD Dayananda. Int J Cur Sci Res. 2011;1(4):201-12.
25. Comparison of the use of single and combined antibiotics for head and neck onco-surgeries: A cost effective analysis. Sapna Patil, Kumar TN, Azeem Mohiyuddin. Journal of clinical and diagnostic research. 2011;5(4):769-71.
26. Response: Fospropofol: Pharmacokinetics. Girish MB, Bhuvana K, Sarala N, Kumar TN. J Anaesthesiol Clin Pharmacol. 2012;28(1):135-36
27. Regadenoson. Bengalorkar GM, Bhuvana K, Sarala N, Kumar TN. Journal of post graduate Medicine. 2012;58(2):140-46.
28. Flupirtine: clinical pharmacology. Harish S, Bhuvana K, M Bengalorkar, Kumar TN. Journal of Anaesthesiology clinical pharmacology. 2012;28(2):172-77.
29. A comparative study of ketorolac with lornoxicam as pre-emptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia. Ravi M, Girish MB. Journal of Clinical and Diagnostic Research. 2012(1);6(3):418-22
30. Technosphere insulin. Sarala N, Girish M B, Bhuvana K. Practical Diabetes International. 2012; 29:23-25.
31. Drug induced Hepatotoxicity in a Tertiary care hospital in rural south India. Heethal Jaiprakash, Sarala N, Jaiprakash M. North American Journal of Medical Sciences. 2012;4:90-3.
32. Prevalence of overweight and obesity among adolescent school going children (12-15 years) in urban area, South India. Prasanna K, Girish MB, Muninarayana, Deepthi, Ravishankar. International Journal of Current Research and Review (JCRR) 2012;4(20):99-105.
33. Simi S Panikar, Sarala Narayana, New antibacterials in therapy and clinical trials, North American Journal of Medical sciences; Nov 2012;(4):537-47.

**A Chapter in book - Published**

1. Resistant hypertension. Prabhakar K, Balmurali K. Text book of Family Medicine. Rhaj AS, Jayalal JA, Ravi Sankar TN editors. Indian Medical Association College of General Practitioners (IMA CGP), Chennai, 2011 pp 136-141.

## 6. Research Projects

Completed research Projects:

Total No: 38

Sl. No.	Name of the Investigators	Title of project
1.	Sarala N, Paknikar Simi	Fixed drug eruptions: A systemic review of published case reports in Indian Scenario Trends in Medical World. 2008;1(3):30-4 (Indian J)
2.	Chandrakala R, Vijayashankara CN KushalKumar K, Sarala N	Ondansetron induced fatal ventricular tachycardia Indian Journal of Pharmacology. 2008;40(4):186-7
3.	Bhuvana K, Sarala N Kumar TN	Adverse reactions to Antimicrobials in a tertiary care hospital. Journal of Pharmacovigilance and Drugs Safety 2009; 6(1): 10-12
4.	Girish MB, Bhuvana K Sarala N, Kumar TN	Tolperisone: Clinical Pharmacology. Journal of anaesthesia and clinical pharmacology. 2010;26(3):363-64
5.	Bhuvana K, Sarala N, GurcharanSingh, KumarTN	Topical Tacrolimus: Pharmacological aspects. International Journal of Biological and Medical Research 2010; 1(4):337-40
6.	Girish MB, Bhuvana K Nagesh Raju G, Sarala N	A novel atypical antidepressant drug: Agomelatine – A review. International Journal of pharmaceutical and biomedical Research. 2010;1(2):48-52
7.	Paknikar Simi, Sarala N Girish MT	A Brief Review of Newly Approved Respiratory, Cardiovascular and Gastrointestinal Drugs in India. Pharmabuzz.2010;5(11):32-37.
8.	Girish MB, Bhuvana K Sarala N, Kumar TN	Fospropofol: clinical pharmacology. Journal of anaesthesia and clinical pharmacology.2011;27(1):79-83
9.	Deepak P Kumar TN	Duloxetine – Pharmacological aspects. International Journal of Biological and Medical Research.2011;2(2):589-92
10.	Girish MB Kumar TN	Diabetic foot infections- A review. International Journal of Biological and Medical Research.2011; 2(1):453-60
11.	Heethal Jaiprakash Sarala N, Venkatarathanamma, Kumar TN	Analysis of different types of poisoning in a tertiary care hospital in rural south India. Food and Chemical Toxicology.2011;49:248–50
12.	Girish. MB KumarTN	Culture and sensitivity pattern of micro-organism isolated from diabetic foot infections in a tertiary care hospital. International Journal of Current Biomedical and Pharmaceutical Research.2011;1(2):34–40
13.	Bhuvana K Girish MB Sarala N	Ivabradine: a novel drug for angina pectoris. A review. International Journal of Current Biological and Medical Science.2011;1(2):69–71
14.	Sahana GN Sarala N, Kumar TN	Nebivolol – Pharmacological aspects. International Journal of Biological and Medical Research 2011; 2(2):577-80.
15.	Girish MB, Sarala N Venkatarathanamma Kumar TN	Effect of Heparin and Low Molecular weight Heparin on serum potassium and sodium levels. Journal of Pharmacology and Pharmacotherapeutics.2011; 2(4):266-69
16.	Dayananda CD, Girish MB	Hydrogen sulphide: A new member of Gasotransmitters an overview article. International Journal of Current Scientific Research.2011; 1(4):201–12.

17.	Sapna Patil, Kumar TN Azeem Mohiyuddin	Comparison of the use of single and combined antibiotics for head and neck onco-surgeries: A cost effective analysis. Journal of clinical and Diagnostic research.2011;5(4)769-71.
18.	Girish MB Bhuvana K Sarala N, Kumar TN	Response: Fospropofol: Pharmacokinetics. Journal of Anaesthesiology Clinical Pharmacology.2012;28(1):135-36
19.	Bengalorkar GM, Bhuvana K,	Regadenoson: Drug review. Journal of post graduate Medicine.2012;58(2):140-46.
20.	Sarala N, Kumar TN Harish S, Bhuvana K	Flupirtine: clinical pharmacology. Journal of Anaesthesiology Clinical pharmacology.2012;28(2):172-77.
21.	Bengalorkar MB, Kumar TN Girish Babu Girish MB Ravi M	A comparative study of Ketorolac with Lornoxicam as pre-emptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia. Journal of Clinical and Diagnostic Research.2012(1);6(3):418-22
22.	Sarala N, Girish MB	Technosphere insulin: a new inhaled insulin (New Technology) Practical Diabetes. 2012; 29:23-25.
23.	Bhuvana K Heethal Jaiprakash Sarala N	Drug induced Hepatototoxicity in a Tertiary care hospital in rural south India. North American Journal of Medical Sciences. 2012;4:90
24.	Jaiprakash M Sarala N Nagesh Raju G Kumar TN	Initiating case based learning (CBL) for large group in Pharmacology. South East Asian Journal of Medical Education (SEAJME)
25.	Bhuvana K Sarala N	A case report of phenytoin and carbamazepine cross reactivity. Indian Journal of Pharmacology
26.	Venkataramanamma Kumar TN Meenakshi Lella Indira K	An open labeled, randomized comparative study on the effect of atorvastatin alone and its combination with fenofibrate on lipid profile in type 2 diabetes mellitus patients with hyperlipidemia. Indian Journal of Pharmacology
27.	Prasanna K Girish MB	Prevalence of overweight and obesity among adolescent school going children (12-15years) in urban area, South India. International Journal Of Current Research And Review (JCRR).
	Muninarayana Deepthi Ravishankar	Newer antibacterials in therapy and clinical trials. North American Journal of Medical Sciences(NAJMS)
28.	Paknikar S Sarala N	A Rare neurological complication of acute organophosphate poisoning.
29.	Balamurali K Sarala N, Prabhakar K	Fixed drug Eruption to Levocetizine – A Case Report.
30.	Harish S Raj Kumar V, Sarala N	Pharmacoeconomics of drugs used in Schizophrenia
31.	Sneha Aditi, Sonam Sarita Dipti Anu, Jyoti, Sarala N	Prescribing pattern of antidiabetic drugs in tertiary care hospital
32.	Dipti Anu, Sneha Aditi Sonam Sarita, Jyoti, Sarala N	Study of prescribing pattern of drugs used in hypertension
33.	Sonam Sarita, Dipti Anu Jyoti, Sneha Aditi, Sarala N	Utilization of antimicrobial agents in medical intensive care unit of a teaching hospital
34.	Nandish C, Sarala N	Evaluation of Self-medication practices in medical and non-medical individuals.
35.	Tejashree T, Sarala N, Girish M B	

36.	Dharmistha Patel, Sarala N, Bhuvana K	Trends in use of Hair dye- A Cross sectional study.
37.	Vidhyalakshmi, Sarala N, Bhuvana K	Knowledge and practice of antipyretics among care givers of children.
38.	Sarala N	<b>SPECTRUM</b> - Situational analysis of the practice patterns in cardiovascular disease management in all Regions of India using mixed research methods. St.John's National Academy of Health Sciences. Division of Clinical Trials. St John's Research Institute

**Ongoing research Projects:**

**Total No: 2**

Sl. No	Name of the Investigators	Title of project
1	Sarala N, PN Venkatarathanamma, Girish MB, Bhuvana K	<b>INSPIRE (INDIAN STROKE REGISTRY)</b> -A large multicenter prospective study to determine etiologies, clinical practice patterns and outcomes of strokes in India. With Division of Clinical Research, St John's Research Institute, St John's Medical College, Bangalore. (NIH SPONSORED)
2	Girish MB, Sarala N, Mamtha Bhuvana K	Prescribing pattern of drugs by dentists: A cross sectional survey.

**Proposed research Projects:**

**Total No: 4**

1. Pattern of antimicrobial use in post-operative patients
2. Drug Utilization Study in Hemodialysis Unit in tertiary care centre in Kolar
3. Safety and efficacy of prophylactic anticoagulants in traumatic brain injury patients
4. Serum creatine phosphokinase as predictor of intermediate syndrome in organophosphorous poisoning

**7. Highlights**

**a. Under Graduate research projects**

1. Pharmacoeconomics of drugs used in Schizophrenia. Sneha Aditi, Sonam Sarita, Dipti Anu, Jyoti, Sarala N.
2. Prescribing pattern of antidiabetic drugs in tertiary care hospital. Dipti Anu, Sneha Aditi, Sonam Sarita, Jyoti, Sarala N.
3. Study of prescribing pattern of drugs used in hypertension. Sonam Sarita, Dipti Anu, Jyoti, Sneha Aditi, Sarala N.

**b. Collaborative projects:**

- **INSPIRE** (In Hospital Stroke Registry) - A large multicenter prospective study to determine etiologies, clinical practice patterns and outcomes of strokes in India. With Division of Clinical Research, St John's Research Institute, St John's Medical College, Bangalore. PN Venkatarathanamma, Sarala N, Girish MB, Bhuvana K. (NIH SPONSORED)
- **SPECTRUM** – Situational analysis of the practice patterns in cardiovascular disease management in all Regions of India using mixed research methods. Division of Clinical Trials. St John's Research Institute. Sarala N.

c. **CPU** – Clinical Pharmacy Unit at R.L.Jalappa Hospital and Research Centre.

**8. Conferences attended**

Sl. No	Name of the conference	Place of the conference	Name of the faculty Attended	Date of the conference
1	Annual Conference of Southern Regional Indian Pharmacological Society	Coimbatore	Dr. Bhuvana K	12 <sup>th</sup> to 14 <sup>th</sup> November 2009
2	International Conference in Medical Education	Abu Dhabi- UAE	Dr. Sarala N	4 <sup>th</sup> to 7 <sup>th</sup> December 2010
3	22 <sup>nd</sup> annual conference of the Physiological Society of India and 2 <sup>nd</sup> Biennial conference of South Asian Association of Physiologists	St John's Medical College, Bangalore	Dr. Bhuvana K	15 <sup>th</sup> to 17 <sup>th</sup> December 2010
4	43 <sup>rd</sup> Annual Conference of Indian Pharmacological Society 2010 (IPSCON 2010)	National Institute of Nutrition, Hyderabad	Dr. Girish MI, Dr. Soumya M, Dr. Balamurali K, Dr. Harish S	13 <sup>th</sup> to 16 <sup>th</sup> December 2010
5	National Conference on Health Professions Education	CMC, Vellore	Dr. Sarala N	16 <sup>th</sup> to 17 <sup>th</sup> September 2011
6	44 <sup>th</sup> Annual Conference of Indian Pharmacological Society 2011 (IPSCON 2011)	Kasturba Medical College, Manipal	Dr. Harish S Dr. Balamurali K Dr. Vidhyalakshmi CP	19 <sup>th</sup> to 21 <sup>st</sup> December 2011
7	AXON 2012	PSGIMSR, Coimbatore	Sonam Sarita Dipti Anu Jyoti, Sneha Aditi	9 <sup>th</sup> to 10 <sup>th</sup> June 2012
8	Annual conference of southern regional Indian pharmacological society SRIPS 2010	Chettinad hospital & Research institute, Chennai	Dr. Smitha Rai	8 <sup>th</sup> to 9 <sup>th</sup> September 2012



9	7 <sup>th</sup> Asian conference on Pharmacoepidemiology	Bangalore	Dr. Balamurali K Dr. Harish S Sneha Aditi Dipti Anu, Jyoti, Sonam Sarita	26 <sup>th</sup> to 28 <sup>th</sup> October 2012
10	46 <sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference at Navigating Pharmacology towards safe and effective therapy	Nagpur	Dr. Vidhyalakshmi Dr. Tejashree.T Dr. Dharmistha patel Dr. Nandish C	5 <sup>th</sup> to 7 <sup>th</sup> January 2013

### Conference- Papers presented

1. Dr. Bhuvana.K, attended Annual Conference of Southern Regional Indian Pharmacological Society, and presented a paper “Effect of topical tacrolimus in localized vitiligo” in Coimbatore, 12 – 14 November 2009.
2. Dr Sarala N attended and presented oral paper on “Programme evaluation of faculty development programs conducted at Sri Devaraj Urs Medical College at the International Conference in Medical Education held at Abu Dhabi-UAE from December 4<sup>th</sup> -7<sup>th</sup> 2010.
3. Dr. Bhuvana K attended and presented paper “A case report of phenytoin and carbamazepine cross reactivity” at the 22<sup>nd</sup> annual conference of the Physiological Society of India and 2<sup>nd</sup> Biennial conference of South Asian Association of Physiologists held from 15<sup>th</sup> to 17 December 2010 at St John’s Medical College, Bangalore
4. Dr. Sarala N attended and presented a paper on “Initiating case based learning (CBL) for large group in pharmacology” at National Conference on Health Professions Education, CMC, Vellore on 16-9-2011 and 17-9-2011.
5. Dr. Balamurali K attended and presented “Adverse drug reactions encountered during antiretroviral therapy” at XLIV Annual Conference of Indian Pharmacological Society 2011 held at Kasturba Medical College, Manipal from 19-12-2011 to 21-12-2011.
6. Dr. Harish S attended and presented “Fixed drug eruptions – a study in tertiary care hospital” at XLIV Annual Conference of Indian Pharmacological Society 2011 held at Kasturba Medical College, Manipal from 19-12-2011 to 21-12-2011.

7. Dr. Vidyalakshmi CP attended and presented “Clinical efficacy of topical terbinafine versus topical luliconazole in treatment of tinea corporis/tinea cruris patients” at XLIV Annual Conference of Indian Pharmacological Society 2011 held at Kasturba Medical College, Manipal from 19-12-2011 to 21-12-2011.
8. Dr. Smitha Rai attended and presented “A Comparative study of efficacy and tolerability of Clindamycin and Azithromycin gel in acne vulgaris” at Annual conference of Southern Regional Indian Pharmacological Society (srips – 2012) held at Chettinad Health City from 7-9-12 to 9-9-12.
9. Dr. Balamurali K attended and presented “A Rare neurological complication of acute organophosphate poisoning” at 7<sup>th</sup> ASIAN Conference of Pharmacoepidemiology held from 26-10-12 to 28-10-12.
10. Dr. Harish S attended and presented “Fixed drug Eruption to Levocetirizine – A Case Report” at 7<sup>th</sup> ASIAN Conference of Pharmacoepidemiology held from 26-10-12 to 28-10-12.
11. Dr. Tejashree T attended and presented “Evaluation of self-medication practices among medical and non medical individuals” at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference at Navigating Pharmacology towards safe and effective therapy held from 5<sup>th</sup> to 7<sup>th</sup> January 2013 at Kishori thai Bhoyar College of Pharmacy, Kamptee, Nagapur,
12. Dr. Dharmistha P attended and presented “Trends in use of hair dye – a cross sectional study” at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference at Navigating Pharmacology towards safe and effective therapy held from 5<sup>th</sup> to 7<sup>th</sup> January 2013 at Kishori thai Bhoyar College of Pharmacy, Kamptee, Nagapur.
13. Dr. Nandish C attended and presented “Utilization of antimicrobial agents in medical intensive care unit of a teaching hospital” at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference at Navigating Pharmacology towards safe and effective therapy held from 5<sup>th</sup> to 7<sup>th</sup> January 2013 at Kishori thai Bhoyar College of Pharmacy, Kamptee, Nagapur.
14. Dr. Vidhyalakshmi CP attended and presented “:Knowledge and practices of antipyretics among care givers of children” at 46<sup>th</sup> Annual Conference of Indian Pharmacological Society and International Conference at Navigating Pharmacology towards safe and effective therapy held from 5<sup>th</sup> to 7<sup>th</sup> January 2013 at Kishori thai Bhoyar College of Pharmacy, Kamptee, Nagapur.

## 9. Dissertations

### Completed Post Graduates Dissertation 20

Sl.No.	POST-GRADUATE DISSERTATION	NAME OF THE STUDENT	NAME OF THE GUIDE
1	A study of the pattern of antibiotic use in major head and neck cancer surgeries	Dr. Sapna Patil 2002-03	Dr. T.N. Kumar
2	Pattern of use of antibiotic prophylaxis in hysterectomy and caesarean section	Dr. Heethal Shankar 2002-03	Dr. Sarala N
3	Pattern of antimicrobials used in treatment of infected diabetic foot	Dr. Girish M Bengalorkar 2003-04	Dr. T.N. Kumar
4	Butorphanol pre-emptive analgesia in comparison with ketorolac - a prospective, single dose assessor blind study in patients undergoing elective general surgery	Dr. Jayakumar G 2003-04	Dr. Padma L
5	Comparative study of Nebivolol and (s) – atenolol on blood pressure and heart rate in hypertension	Dr. Sahana G.N 2003-04	Dr. Sarala N
6	Evaluation of efficacy of duloxetine in stress urinary incontinence	Dr. Deepak P 2004-05	Dr. T.N. Kumar
7	Evaluation of efficacy and safety profile of alfuzosin and tamsulosin in BPH	Dr. Praveen R 2005-06	Dr. T.N. Kumar
8	Effect of topical tacrolimus in localized vitiligo	Dr. Bhuvana K 2005-06	Dr. Sarala N
9	A comparative study of efficacy and safety of ondansetron versus palonosetron in postoperative nausea and vomiting in patients undergoing surgery under general anaesthesia	Dr. Suresh G. R 2004-05	Dr. Sarala N
10	Comparative study of safety and efficacy of ritodrine and nifedipine in the management of preterm labour	Dr. Priyadarshini Bai. G 2006-07	Dr. T. N .Kumar
11	Comparative study of safety and efficacy of valacyclovir in herpes zoster	Dr. Raza M 2006-07	Dr. G. Nagesh Raju
12	Comparative evaluation of efficacy and tolerability of azithromycin and clindamycin gel in acne vulgaris	Dr. Smitha Rai 2007-08	Dr. T N Kumar

13	Comparative study of efficacy and safety of iron polymaltose complex versus sodium ferredetate in iron deficiency anaemia	Dr. Ashok Krishna V S 2007-08	Dr. Sarala
14	Evaluation of safety and efficacy of solifenacin compared to tolterodine in overactive bladder syndrome	Dr. Kavitha S 2008-09	Dr. G. Nagesh Raju
15	A Study of efficacy and safety of oral aminophylline compared to doxofylline in chronic bronchial asthma	Dr. .Hema A.M 2008-09	Dr. T N Kumar
16	Comparative study of topical Loteprednol etabonate 0.5% and Flurbiprofen sodium 0.03% in post-operative cataract surgery	Dr. Girish MT 2009-2010	Dr. Sarala N
17	A comparative study of safety and efficacy of lornoxicam and acetaminophen in osteoarthritis of the knee	Dr. Soumya M 2009-2010	Dr. T N Kumar
18	Study of auditory functions and quality of life in patients receiving cisplatin therapy in head and neck cancer	Dr. Balamurali K 2010- 2011	Dr. Sarala N
19	Clinical efficacy of topical terbinafine versus topical luliconazole in treatment of tinea corporis / tinea cruris patients	Dr. Vidhyalakshmi 2010- 2011	Dr. Girish M.B
20	Comparative study of efficacy of topical calcipotriol and betamethasone alone in plaque psoriasis	Dr. Harish 2010- 2011	Dr. Sarala N

#### Ongoing dissertations 6

Sl. No	Topic	Name of the student	Name of the guide
1	Comparative study of topical olopatadine Hcl0.1% with ketotifen fumarate 0.025% in treatment of allergic conjunctivitis	Dr. Dharmistha Patel	Dr. Girish M.B
2	Comparison of efficacy and safety of intramuscular piroxicam and tramadol for pain relief in patients undergoing caesarean delivery	Dr. Tejashree T	Dr. Girish M.B
3	Comparative study of efficacy and safety of intranasal azelastine hydrochloride and	Dr. Nandish C	Dr. Sarala N

	fluticasone furoate in treatment of allergic rhinitis		
4	Comparison of efficacy and safety of olmesartan and hydrochlorothiazide with telmisartan and hydrochlorothiazide in mild to moderate hypertension	Dr. Revathi Ramesh	Dr. Sarala N
5	Comparative study of lornoxicam and paracetamol for post-operative analgesia in patients undergoing elective abdominal laparotomy following general anaesthesia	Dr. Dheepan Nayagam B	Dr. Girish M.B
6	Effect of metformin on weight gain induced by olanzapine	Dr. Chetan Kumar G	Dr. Sarala N