

Department of Pathology

Introduction

The Department of pathology began with a skeletal staff, and established the museum, set up the laboratory, morbid anatomy room and procured various equipments and chemicals for undergraduate practical teaching. Various laboratory sections viz., Histopathology, Haematology, Clinical pathology and cytology was started. There was initial instability in the staff strength which improved over 10 year period.

Medical laboratory technology diploma course was started and the students were absorbed as staff.

Post graduate course in MD pathology was started in 2003 with 2 admissions per year. So far, 8 batches have completed the course with 100% pass percentage.

The department has procured equipments for PG diagnostic services like Histokinete (automatic), Binocular research microscopes, Trinocular microscopes with CCTV attachment, Haematology autoanalysers etc., I.HC (Immunohistochemistry) laboratory is being set up and we are doing – 19+5 of Antibodies on Histopathology section for diagnostic and research purpose.

The faculties are actively involved in UG Teaching, PG teaching, diagnostic services. Posters and scientific papers are being presented in various state, national and international Journals and conferences. The department has well stocked museum arranged systematically with corresponding legends.

Postgraduate study specimens, constructed autopsy specimen assembly is also ready for PG examinations. The department is co-ordinating with biochemistry department and Microbiology departments to establish and cater the laboratory services under one roof. In this regard a fully air conditioned central laboratory is started at RLJ.Hospital.

DEPARTMENT OF PATHOLOGY - HOD LIST

SL. NO	NAME	DESIGNATION	FROM	TO
01	Dr.B.Mohapathra	Professor & HOD	Mar -1988	July-1989
02	Dr.S.H.Srikantia	Prof & HOD	01.12.1991	30.04.1999
03	Dr.M.L.Harendra Kumar	Prof & HOD	01.04.2005	Till date

Programme Offered

ACADEMIC

UG Courses

MBBS
BSc Nursing
BSc OT technology

PG Courses

MD Pathology
Ph.D
PG Diploma in Genome Technology
MSc Nursing

Programme Offered

ACADEMIC

UG Courses

MBBS
BSc Nursing
BSc OT technology

PG Courses

MD Pathology

Ph.D

PG Diploma in Genome Technology

MSc Nursing

LABORATORY SERVICES

Histopathology
Hematology
Cytology
IHC
Clinical Pathology
Blood Bank

Histopathology:-

All biopsies.
Surgical pathology.
Special stains, like – PAS, Reticulin, Mucin stain, Etc.,
Immuno-Histo-Chemistry.
Frozen section
Museum: More than 600 mounted specimens with laminated details of the specimen having gross and Microscopy colour pictures.

Cytology

Pap smears
Fluid cytology
FNAC
Guided FNAC

IHC

Immunohistochemistry is done for classification of undifferentiated and poorly differentiated tumours IHC is also done for ER & PR for hormonal therapy in carcinoma of breast, many research projects are on going using IHC technique.

**LIST OF PRIMARY ANTIBODIES **

Sl.No	Diagnostic Purpose	Sl.No	Research Purpose
1	Estrogen Receptor	1	Cyclin D1
2	Progesterone Receptor	2	E- Cadherin
3	CD 45 (LCA)	3	Retinoblastoma (Rb)
4	CD-3	4	P ¹⁶
5	CD-20	5	P ¹⁴
6	CK Pan (Ae1/Ae3)		
7	CK HMW (34be12)		
8	S 100 Protein		
9	Vimentin (V9)		

10	Desmin (D 33)
11	Myf-4
12	Ki 67
13	P 53 (Do -7)
14	CD 34 (Qbend 10)
15	Factor- VIII
16	CD 31
17	Chromogranin
18	SMA
19	CD117

Clinical Pathology in central laboratory at R.L.J.H - 24 hrs.

All routine Haematological investigation by 5 part & 3 part auto Analyzer & Automated ESR machine.

Urine examination,

Semen Analysis.

CSF and fluid examination.

Coagulation studies – by 4 channel coagulometer

Blood Bank:-

24hrs blood bank with Component Therapy

Whole blood.

Fresh frozen plasma.

Red cell pack.

Platelet – concentrate

Proposed for aphaeresis

Teaching Aids

Computer with digital camera for microphotography

CCTV with Trinocular microscopes

OHPs-2

35mm slide projector

LCD Projector

Dept Library – List

IV. All Publications from Jan 2007 to September 2012

Total No.73

2007 (Total-6)

1. Plasma cell leukemia presenting as acute renal failure- A case report.
Indian Journal of Pathology and Microbiology 2007, Vol 50, No.1,86-88.
Authors:- Kalyani.R, Harendra Kumar.M.L,
2. Postoperative infection of laproscopic surgery wound due mycobacterium chelonae.

Indian Journal of Medical Microbiology 2007, 25 (2) 163-165.

Authors:- Rajani.M, Prasad.S.R, Reddy.R.R, Ramachandra V.Bhat, Vimala.K.R

3. Bio- Terrorism : The New Challenge.
Indian Medical Gazette – Jan 2007, 27-30.
Authors:- Subhashish Das, Basavaraj.P.Bomanahalli
4. A varied presentation of Hydatid cyst – A report of 4 cases with review of literature.
Indian journal of pathology and Microbiology, 2007, Vol:50(3):550-552.
Authors:- Subhashish Das, Kalyani.R, Udaya Kumar.M, M.L.Harendra Kumar
5. Dermatopathic lymphadenitis – 2 case reports.
IMG – 2007:5:212-214.
Authors:- Subhashish Das, Ramachandra.V.Bhat, Udaya Kumar.M
6. Factors influencing semen analysis – A 2 year prospective study.
Indian journal of Pathology and Microbiology 2007; 50(4): 890-895
Authors – Kalyani.R, Basavaraj.P.Bommanahalli, M.L.Harendra Kumar

2008 (Total-10)

1. Sclerosing Mucoepidermoid carcinoma with Eosinophilia of the thyroid – A case report.
Indian Journal of Pathology and Microbiology 2008; 51(1):34-36.
Authors: Subhashish Das, Kalyani.R
2. Ovarian Pregnancy – A case Report.
Indian Journal of Pathology and Microbiology 2008;41(1):37-38.
Authors - Subhashish Das, Kalyani.R, Lakshmi.V, M.L.Harendra Kumar
3. Hemophagocytic Syndorome.
Indian Journal of Pathology and Microbiology 2008;51(1):125-126
Authors- Subhashish Das, Kalyani.R
4. Ectopic sebaceous Gland in the Esophagus : A Case Report and Review of Literature
The Saudi Journal of Gastroentology. 2008:14 (2):83-94.
Authors-Ramachandra.V.Bhat, R.Rupnarayan, Lakshman Kumar.Y.C
5. Correlation of endoscopic brush cytology with biopsy in diagnosis of upper gastrointestinal neoplasms.
Indian Journal of Pathology and Microbiology 2008;51(4):489-492.
Authors:- Vidyavathi.K, M.L.Harendra Kumar. Lakshmana Kumar.Y.C
6. Placental Site Trophoblastic Tumor – A Case Report
Indian Medical Gazette, September 2008, VOL.CXLII.NO.367-9.

Authors – Subhashish Das, K.Ramkumar, R.Rupnarayan

7. Eosinophils and Oral Cancers – A study of 100 Cases
Indian Medical Gazette, September 2008, VOL.CXLII.NO.9. 348-53.
Authors – Subhashish Das, Kalyani.R, M.L.Harendra Kumar

8. Vulval Schwannoma: A Cytological diagnosis
Journal of Cytology – July 2008 / Volume 25 (Issue 3)
Authors – Subhashish Das, Kalyani.R, Harendra Kumar.M.L

9. Anticoagulant induced artifacts in peripheral blood smears
Indian Journal Hematology, Blood Transfus (June 2008) 24(2):43-4
Authors – Aparna Narasimha, Harendra Kumar.M.L, CSBR.Prasad

10. Cytodiagnosis of tumoral calcinosis.
Journal of cytology-Oct-2008,Vol.25,160-161.
Authors:Subhashish Das, Kalyani.R, Harendra Kumar.M.L

2009 (Total-11)

1. Malignant Peripheral Nerve Sheath Tumour with divergent differentiation – A case report.
Indian Journal of Pathology and Microbiology.2009 Jan-March; 52(1): 74-76.
Authors:- Suresh.T.N, Harendra Kumar.M.L, CSBR.Prasad, Kalyani.R, Borappa.K.
2. Medullary Thyroid Carcinoma with Melanin Production – A Case Report.
Indian Medical Gazette.2009 March:116-118.
Authors:-Subhashish Das, Kalyani.R, M.L.Harendra Kumar
3. Unique Case of Corrosive Acid Poisoning – A case report.
Journal of Karnataka Medico – Legal Society. 2009;18: 24-26
Authors:- D.B.Kulkarni, Shivashankar, Udaya Kumar.M
4. Significance of AgNOR Evaluation in Oral Carcinoma – A Morphometric Study
Indian Medical Gazette.2009 June:221-225
Authors:- Subhashis Das, Kalyani.R, M.L.Harendra Kumar.
5. Adenomatoid tumor: Cytological diagnosis of two cases – A Case report.
Indian Journal of Cytology 2009;26:30-2.
Authors:- Kalyani.R, Subhashish Das.
6. Meckel Gruber Syndrome – A Case report.
Indian Medical Gazette, Aug 2009;Vol:CXLIII, No:8.330-2.
Authors:- Kalyani.R, Mandeep Singh Bindra, Subhashish Das, Hemalatha Mahansetty

7. Primary Actinomycosis of Breast – A Case Report.
Indian Medical Gazette-Dec 2009;477-479.
Authors:-Vidyavathi.K, Kalyani.R, Harendra Kumar.M
8. Pediatric Renal Autopsies – A Report of 3 Cases.
Indian Medical Gazette,Jan 2009;33-35.
Authors:Subhashish Das, Kalyani.R, M.L.Harendra Kumar
9. Glomus tumor mimicking eccrine spiradenoma on fine needle aspiration.
Journal of cytology-Jan-2009,Vol.26,47-49.
Authors:Vidyavathi.K, Udaya Kumar.M, CSBR.Prasad, M.L.Harendra Kumar
10. Malignant hypertension, dissection of aorta, cardiac tamponade and monoparesis – unusual presentation of Takayasu’s arteritis: Clinicopathological correlation.
International Jr of Cardiology 133(2009) e114-e117.
Authors: Nagaraja Moorthy, BN Raghavendra Prasad, YC Lakshman Kumar, ML Harendra Kumar, KM Prathima
11. Unique case of corrosive acid poisoning – A case report
J.Kar.Med.leg-Soc-Jan 2009 Vol 18(1)
Dr.D.B.Kulkarni, Dr.Shivashankarr, Dr.Udaya Kumar

2010 (Total – 9)

1. Cancer Profile in the Department of Pathology of Sri Devaraj urs Medical College, Kolar:- A ten years study. Indian Journal of Cancer 2010;47:160-5.
Authors:Kalyani.R, S.Das, Mandeep S.Bindra, Harendra Kumar.M.L
2. Intravenous Leiomyomatosis : A Silent Killer
Journal of South Asian Federation of Obstetrics and Gynecology. 2010;2:153-154.
Authors:Hemalatha.A, Udaya Kumar.M, Suresh.T.N, Narayan Swamy.M
3. Plasmacytoma of tonsil diagnosed by fine-needle aspiration cytology
Journal of Cytology, 2010;27:102-103.
Authors:Ramachandra V Bhat, Prathima.K.M, Harendra Kumar.M.L, Narayana.G.K
4. A cell pattern approach to interpretation of fine needle aspiration cytology of thyroid lesions: cyto-histomorphological study.
Journal of Cytology,October 2010;27:127-132.
Authors: Basavaraj.P.Bommanalli, Ramachandra.V.Bhat, Rupnarayan.R
5. Retroperitoneal cystic schwannoma: A case report with review of literature.
Journal of cytology, 2010;27: 136-9.
Authors: Aparna Narasimha, Kalyani.R, M.L.Harendra Kumar, M.Madan
6. Chorangioma (placental haemangioma) : A case report with review of literature.

Indian medical gazette Dec 2010, .491-3.
Authors: Aparna Narasimha, Shankar.A.

7. Congenital leukemia in a newborn with down syndrome-Acase report with review of literature. National journal of basic medical sciences, 2010;1:96-8.
Authors: Beeere Gowda, Suresh.T.N, Kiran, Hemalatha.A
8. Spectrum of childhood malignancies in Kolar District – A Ten year study. Indian medical gazette, Dec 2010, 457-62.
Authors: Subhashish Das, Kalyani.R, M.L.Harendra Kumar
9. Histomorphological study of degenerative changes in leiomyoma of myometrium. National journal of basic medical sciences 2010;1:70-75.
Authors: Dr.Manjula.K, Dr.Kadam Satyanarayana Rao, Dr. Chandrasekhar HR.

2011 (Total - 25)

1. Spectrum of changes in placenta in toxemia of pregnancy. Indian journal of pathology and microbiology, 2011;54:15-20.(Jan-March)
Aparna Narasimha, D.S.Vasudeva
2. Significance of haematological scoring system in early diagnosis of neonatal sepsis.Indian J Hematol & Blood Tranfusion 2011;27(1):14-17.(Jan –Mar)
Aparna Narasimha, M.L.Harendra Kumar
3. Exflagellate microgametes of – A rare feature of malaria. Indian J Hematol & Blood Tranfusion 2011;27(2):104-106.(Apr-Jun)
CSBR.Prasad, Aparna Narasimha, M.L.Harendra Kumar
4. Negative staining of Mycobacteria – A clue to the diagnosis in cytological aspirates :Two case reports. Annals of Tropical Medicine and Public health 2011;4:110-12.(Jul-Dec)
Dr.CSBR.Prasad, Dr.Aparna Narasimha, Dr.M.L.Harendra Kumar
5. Significance of Apoptosis in Endometrial hyperplasia and carcinoma.J Clin Biomed Sci 2011;1(1):8-12.(Jan –Mar)
Vidyavathi.K, Harendra Kumar.M.L, Narayanaswamy.M.
6. Significance of Apoptotic leucocytes in peripheral blood smears: A case control study.J Clin Biomed Sci 2011;1(2):55-63.(Apr-Jun)
Aparna Narasimha Harendra Kumar.M.L, CSBR.Prasad, Rupnarayan.R.
7. Pulse granulomas in the parotid gland – A case report with review of literature. J Clin Biomed Sci 2011;1(1):25-9. (jan –mar)
M.L.Harendra Kumar, Aparna Narasimha, C.S.Babu Rajendra Prasad, Ravi Deo.
8. Pre-operative embolisation of Juvenile Nasopharyngeal Angiofibroma. J Clin Biomed Sci

2011;1(1):30-2.(jan –mar)

Umesh K, Raghu R Patil, Thomas Prasannaraj MS, Suresh TN.

9. Right coronary artery originating from left circumfle artery: An unusual coronary anomaly at autopsy. J Clin Biomed Sci 2011;1(2):77-80.(apr-jun)
Kalyani.R, Thej.M.J, Prabhakar.K, Kiran.J.
- 10.Anand.R. Bombay blood: A rare entity.J Clin Biomed Sci 2011;1(3):123-6.(jul-sept)
Subhashish Das, Harendra Kumar.M.L.,
- 11 Hodgkin's disease masquerading as granulomatous lymphadenitis on FNAC J Clin Biomed Sci 2011;1(3):127-30. (July-Sept)
Suresh.T.N, Hemalatha.A, Harednra Kumar.M.L.
12. Primary Giant Splenic Hydatidosis.Indian Medical Gazette – July 2011,286-8.
Prathima.S, Kalyani.R, Udaya Kumar.M,A.Bhaskaran.
13. Malignant carcinoid tumor presenting with chylous ascites and left supraclavicular lymphadenopathy National Jr of Basic Med Sciences 2011;1:239-41. (Oct-dec) \
Ramkumar Kurpad R, Shuba S, Ramachandra V Bhat, Udayakumar M.
14. Variants of Leiomyoma: Histomorphological study of Tumors of Myometrium Journal of south asian federation of Obstetrics and Gynoaecology, May-Aug 2011;3(2):89-92.
Manjula.K, Kadam Satyanarayana Rao, Chandrasekhar HR
15. Cytomorphological study of Lateral Neck swellings Journal of clinical and diagnostic research, Oct 2011;5(5):1016-1019
Manjula.K, CSBR.Prasad, Gayathri.B.N, Harendra Kumar.M.L.
16. Primary tuberculous parotitis.Jr of cytology july 2011;28:144-5.
Gayathri BN, Kalyani R, Manjula K.
17. An unusual histomorphological presentation of Fibroadenoma. Indian Jr of cancer July-sept 2011;48:376-77.
Gayathri BN, Kalyani R, ML Harendra Kumar, Bhaskaran A.
18. Squamous cell carcinoma arising in mature cystic teratoma of the ovary:A case report with review of literature.JAFOG Sep-dec 2011;3(3):135-7.
Gayathri BN, Kalyani.R, Vidyavathi K
- 19.Aparna Narasimha, Vasavi B, Harendra Kumar ML, Sapna M.
An audit of pap smear cytology. JAFOG Sep-dec 2011;3(3):121-4.
20. Dr.Gayathri.B.N, Dr.Kadam Satyanarayan Rao, Dr.K.R.Chatura
Reappraisal of Endometrial Stromal Sarcoma: Report of Four cases with review of Literature
Journal of South Asian Federation of Obstertics and Gynaecology, May-August 2011;3(2):57-59
21. Gayathri.B.N, Dr.Kandam Satyanarayan Rao

22. Dr. Gayathri.B.N, Dr.Kalyani.R, Dr.Harendra Kumar.M.L, Dr.Krishna Prasad
Fine Needle aspiration cytology of Hashimoto's thyroiditis – A diagnostic pitfall with review of literature. Journal of cytology / October 2011 / Volume 28 / Issue-4.
- 23 Hemalatha.A, Udaya Kumar.M, Harendra Kumar.M.L
Fine Needle Aspiration Cytology of Lymph Nodes : A Mirror in the diagnosis of Spectrum of Lymphnode Lesions. J Clin Biomed Sci 2011;1(4)
24. Umesh K, Raghu R Patil, Tomas MS,,Suresh TN.
Preoperative embolization of juvenile nasopharyngeal Angiofibroma. J Clin Biomed Sci 2011;1(1):30-32
25. Dr.Beere gowda., Dr.Suresh T N. , Dr.kiran, Dr.Hemalatha.
Congenital leukemia in a newborn with Down syndrome . Nation journal of Basic Medical Sciences 2011;1(2)

2012 (Total -12)

1. Is being Tall Cardioprotective ? Correlation Between Height and Atherosclerosis. An Autopsy study. J Clin Biomed Sci 2012;2 (1):31-29.
Authors: Thej.M.J, Kalyani.R, Kiran.J
2. Kalyani.R, Thej.M.J, Ak.Thomas, A Raveesha
Chronic Cold Agglutinin disease: A case report with review of Literature.Journal of clinical and diagnostic research.2012 May (suppl-1), Vol-6(3):480-482.
3. Thomas Alex Kodiatt, Udaya Kumar Manikyam, Suraksha Bellur Rao, Thej Mothakapalli Jagadish, Maadhavi Reddy, Harendra Kumar.M.L, Venkataswamy Lakshmaiah
Mean Platelet Volume in type 2 diabetes mellitus. Journal Laboratory physicians/Jan-Jun 2012/Vol4/issue-1:5-9.
4. Vidyavathi.K, CSBR.Prasad, Harendra Kumar.M.L, RP Deo.
Pseudovascular adenoid squamous cell carcinoma of oral cavity: A mimicker of angiosarcoma. Journal of oral and maxillofacial pathology:Vol.16 issue 2 may-Aug 2012:288-290.
5. Vidyavathi.K, Udaya Kumar.M, Suresh.T.N Sreeramulu.P.N
Granulomatous Mastitis: A Cytological dilemma. J Cytol Histol 2012:3:2
6. Dr.Udaya Kumar, Dr.Hemalatha.A Hepatoid carcinoma of ovary admixed with mucinous cystadenoma of ovary Accepted in Journal of Indian medical association (JIMA)
7. Dr.Hemalatha.A, Dr.Kalyani.R, Dr.Shruthi.P.S, Dr.Udaya Kumar.M

Cytomorphological pitfalls in diagnosis of histological variant of breast carcinoma on FNAC
Accepted in Journal of cancer research and therapeutics.

8. Dr.Hemalatha.A, Dr.T.N.suresh, Dr.Harendra Kumar.M.L Vimentin expression in breast carcinoma Accepted in Indian Journal of cancer.
9. Dr.Vinaya Babu, Dr.Prathima.S - Sinonasal mucormycosis Published in International journal of clinical Rhinology:An International Journal, January – April 2012:2;5(1):25-27
10. Dr.Sreeramulu.P.N, Dr.Venkatachalapathy.T.S, Dr.Prathima.S, Dr.Kishore Kumar - A prospective study of clinical, Sonological and pathological evaluation of thyroid nodule. J Biosci Tech, Vol3 (1), 2012, 474-478
11. Morphometric analysis of tricuspid valve: An Indian Perspective.
Journal of Natural Science, Biology and Medicine/Ji;u 2012/Vol-3/Issue 2, 147-151
Dr.Kalyani.R Dr.Thej, Dr.Prabhakar.K, Dr.Venkatesh.T.K, Dr.A.K.Thomas, Kiran.J
12. Dr.Mothakapalli Jagadish Thej, Dr.Raju, Kalyani.R, Jayaramaiah Kiran
Atherosclerosis in coronary artery and aorta in a semi-urban population by applying modified American Heart Association classification of atherosclerosis : An autopsy study.
Journal of Cardiovascular Disease Research Vol.3/No.4

I. Completed research Projects:

Total

No: 58

Sl. No	Name of the Investigators	Title of project	Published / Sent for Publication
1	Significance of Apoptotic Leucocytes in Peripheral Blood smear – Case control study	Dr.M.L.Harendra Kumar Dr.Aparna Narashimha Dr.R.Rupnarayan Dr.CSBR.Prasad	Published J Clin Biomed Sci 2011;1(2):55-63.(Apr-Ju)
2	Ag NOR Evaluation in oral lesions	Dr.Shubashis Das Dr.Kalyani.R Dr.M.L.Harendra Kumar	Indian Medical Gazette.2009 June:221-225
3	Significance of Hematological scoring system in early diagnosis of neonatal sepsis.	Dr.Aparna Narasimha, Dr.M.L.Harendra Kumar Dr.CSBR.Prasad	Indian J Hematol & Blood Transfusion 2011;27(2):104-106.(Apr-Jun)
4	Spectrum of gastrointestinal malignancies at Sri Devaraj Urs Medical College, Kolar – at 10 years retrospective study	Dr.Kalyani.R Dr.S.Das Dr.M.L.Harendra Kumar	Journal of Indian medical association 2010;108(10):659-660
5	Apoptosis in Peripheral blood neutrophils in patients with active tuberculosis – A case control study	Dr.Aparna Narasimha Dr.M.L.Harendra Kumar Dr.CSBR.Prasad	Presented in KCIAPM 2009, to be sent for publication
6	Seroprevalance of HIV infected blood donors	Dr.S.Das	Sent for publication

	at Kolar – 10 years study	Dr.Govindha Raj.R Dr.M.L.Harendra Kumar	
7	Cancer profile in young and adolescence	Dr.Kalyani.R Dr.S.Das Dr.M.L.Harendra Kumar	Asian pacific journal of cancer prevention 2010;11:655-659
8	Role of mucin histochemistry in upper Gastro intestinal lesions	Dr.prathima.S Dr.Ramkumar.R Dr.Harendra Kumar.M.L Dr.Lakshman Kumar	Presented in KCIAPM Sent for publication
9	Prevalence of HIV and HBsAg coinfection amongst blood donors of Kolar	Dr.S.Das Dr.M.L.Harenera Kumar Dr.V.Lakshmaiah	Sent for publication
10	Study to detect plasma cells in endometrium by syndecan – I immunohistochemistry in chronic endometritis	Dr.Vidyavathi.K Dr.M.L.Harendra Kumar Dr.Sunitha.	Accepted in journal of Laboratory physicians
11	Significance of assessment of mast cell density and micro vessels density by combined immunohistochemical and histochemical methods in cutaneous malignancies	Dr.Aparna Narasimha Dr.CSBR.Prasad Dr.M.L.Harendra Kumar	Presented at internal dermatopathology symposium 2010.
12	An audit of pap smear cytology	Dr.Aparna Narasimha Dr.M.L.Harendra Kumar Dr.Vasavi.B. Dr.Sapna.	JAFOG Sep-Dec 2011;3(3):121-124.
13	Apoptosis in proliferative , hyperplastic and malignant endometrium – A light microscopic study	Dr.Vidyavathi.k Dr.M.L.Harendra Kumar Dr.Narayanaswamy	J Clin Biomed Sci 2011;1(1):8-12.(Jan –Mar)
14	Detection of acid fast bacilli in effusions by clot processing technique	Dr.CSBR.Prasad Dr.Thej.M.J Dr.M.L.Harendra Kumar	Presented in APCON 2010
15	Study of sentinel lymphnode in oral Squamous cell carcinoma	Dr.T.N.Suresh Dr.M.L.Harendra Kumar Dr.Thomas.A.K Dr.Azeem	Presented in 59 th Annual conference of IAPM Hyderabad Dec 2010
16	Cytomorphological study of Lateral Neck swellings Journal of clinical and diagnostic research	Dr.Manjula.K Dr.CSBR.Prasad Dr.Gayathri.B.N Dr.Harendra Kumar.M.L	Journal of clinical and diagnostic research, Oct 2011;5(5):1010-1019
17	Morphometric analysis of tricuspid valve – An autopsy study	Dr.Kalyani R Dr. Thej MJ Dr. Prabhakar K Dr. Venkatesh	Accepted for publication Journal of natural and medical science

		Dr. Thomas A Kodiatte Dr. Kiran J	
18	Estimation of micronuclei in pap smears	Dr. Gayathri BN Dr.Kalyani R Dr. Hemalatha A Dr. Vasavi B	Accepted Journal of cytology
19	Mean platelet volume in type 2 DM	Dr.Thomas Alex Kodiatte Dr.Udaya Kumar.M Dr.Suraksha Rao Dr.Thej.M.J Dr.Madavi Reddy Dr.Harendra Kumar.M.L	Journal Laboratory physicians/Jan-Jun 2012/Vol4/issue-1:5-9.
20	Anemia in diabetes mellitus – Correlation with microalbuminuria	Dr.Suraksha Rao.B Dr.Udaya Kumar.M Dr.Madhavi Reddy Dr.Thej.m.J Dr.Thomas Alex Kodiatte	Presented in KCIAPM -2011 Kolar Karnataka
21	Relationship between insulin resistance and hematological parameters in a semiurban population	Dr.Suraksha Rao Dr.Udaya Kumar.M Dr.Madhavi Reddy Dr.Thomas Alex kodiatte Dr.Rupnarayahn Dr.Lakshmaiah.V	Presented in APCON- 2011 Patiala, Panjab
22	Cytomorphological study of fluid aspiration. Comparison between conventional smears and cell blocks.	Dr. Vasavi.B Dr.udaya Kumar.M Dr.CSBR.Prasad Dr.Harendra Kumar.M.L	Presented in CYTOCON – 2011 at Dharwad.
23	Correlation of white blood cell count with laboratory parameters in type 2 diabetes mellitus.	Dr.Udaya Kumar.M Dr.Thomas Alex Kodiatte Dr.Suraksha Rao Dr.Thj.M.J Dr.Madhavi Reddy Dr.Lakshmaiah	Presented in APCON- 2011 Patiala, Panjab.
24	Significance of nuclear morphometry and angiogenesis in evaluation of prostate cancer.	Dr.Aparna Narasimha Dr.Harendra Kumar.M.L Dr.HemalathaA	Presented in KCIAPM
25	Association of eosinophilia with cardiovascular risk factors in patients with type 2 diabetes.	Dr. Vasavi. Dr.Aparna Narasimha Dr.Madavi Reddy Dr.Harendra Kumar.m.L. Dr.Udaya Kumar.M Dr.Lakshmaiah	Presented at EHA 16 International Conference at Bangalore.
26	Study of atherosclerosis in rural india using modified American heart association classification with specific reference to young adults.	Dr.Thej.M.J Dr.Kalyani.R. Dr.Kiran.J	Sent for publication
27	Atherosclerosis and height : A correlative study	Dr.Thej.M.J Dr.Kalyani.R Dr.Kiran.J	J Clin Biomed Sci 2012;2 (1):31-39.
28	Role of mast cell in abortions	Dr.Gomathi	Presented at Goa International

		Dr.Aparna Narasimha Dr.Harendra Kumar.M.L	CME
29	Significance of nuclear morphometry in benign and malignant breast aspirates	Dr.Aparna Narasimha Dr.Vasavi Dr.Harendra Kumar	Sent for publication IJABMR
30	Occurrence of micronuclei in breast Aspirates	Dr.Hemalatha.A Dr.T.N.Suresh Dr.Harednra Kumar.M.L	Accepted in Journal of clinic research & Therapeutics
31	Tubercular lymphadenitis – correlation between bacillary load and patterns	Dr.Hemalatha.A Dr.Shruthi Dr.Udaya Kumar.m Dr.Baskaran	Sent for publication
32	Distribution of ABO blood groups in cancer patient at tertiary care hospital in kolar	Dr.Thej.J Dr.Lokesh Dr.Alilesh Dr.T.N.Suresh Dr.Harendra Kumar	Presented in 39 th KCIAPM Conference at BMC Bangalore
33	Clinicopathological profile of head and neck malignancy at tertiary health centre in Kolar	Dr.Rizwan Dr.T.N.Suresh Dr.Harendra Kumar.M.L Dr.Azeem	Presented in 39 th KCIAPM Conference at BMC Bangalore
34	Histomorphological study of gastro intestinal neoplasm at tertiary health centre in kolar	Ms.Madhumitha Ms.Ashily Koshy Dr.T.N.Suresh Dr.Prathima.S Dr.Harednra Kumar	Presented at 5 th Medicon conference Sevagram Maharashtra July2012
35	spectrum of infections in cervico-vaginal pap smears – A teaching hospital experience	Mr.Nirup Ms.Chandana Ms.Nishanth Dr.Aparna Narasimha Dr.Harendra Kumar.M.L	Presented in AXON – 2012 UG Conference
36	A prospective study of clinical, Sonological and pathological evaluation of thyroid nodule	Dr.Sreeramulu P.N Dr.Venkatachalapathy.T. S Dr.Prathima.S Dr.Kishore kumar	J Biosci Tech, Vol3 (1), 2012, 474-478
37	FNAC in pediatric lesions with special reference to pediatric tumors	Dr.Prathima.S Dr.Suresh.T.N Dr./Harendra Kumar.M.L Dr.Krishnappa.J	Presented in 39 th KCIAPM Conference at BMC Bangalore
38	Hepatoid carcinoma of ovary admixed with mucinous cystadenoma of ovary	Dr.Udaya Kumar. Dr.Hemalatha.S	Accepted in Journal of Indian medical association (JIMA)
39	Cytomorphological pitfalls in diagnosis of histological variant of breast carcinoma on FNAC	Dr.Hemalatha.A, Dr.Kalyani.R Dr.Shruthi.P.S Dr.Udaya Kumar.M	Accepted in Journal of cancer research and therapeutics
40	Vimentin expression in breast carcinoma	Dr.Hemalatha.A Dr.T.N.Suresh Dr.Harendra Kumar.M.L	Accepted in Indian Journal of cancer
41	Significance of urine sediment examination	Mr.Pranay Kumar.R.P	Sent for publication

	in the days 10 parameter urine strips in an out-patient setting	Dr.CSBR.Prasad	
42	Spectrum of infections in cervico-vaginal pap smears – A teaching hospital experience	Mr.Nirup Ms.Chandana Mr.Nishanth Dr.Aparna Narasimha Dr.Harendra Kumar.M.L	Sent for publication
43	Significance of blood groups and social factors in carcinoma cervix	Mr.Lee Dr.Kalyani.R Dr.Harendra Kumar.M.L Dr.Narayanaswamy.M	Sent for publication
44	Correlation of biopsy and brush cytology on diagnosis of upper GIT neoplasms	Dr.Vidyavathi.K Dr.M.L.Harendra Kumar	Published
45	Pattern of Thyroid lesions: A Histopathological study	Dr.Ramesh.V.L Dr.R.Rupnarayan	Completed
46	Histological study of colonoscopic biopsy in chronic diarrhea patients	Dr.Aparajita.Mishra Dr.Udaya Kumar.M	Completed
47	Correlation of influencing factors on semen analysis in and around kolar district.	Dr.Basavaraj.P.B Dr.Kalyani.R	Published
48	Placental pathology in low birth weight babies.	Dr.Chaitra.R.Jadhav Dr.M.L.Harendra Kumar	Completed
49	Hematological profile in malaria.	Dr.Vikas Tandon Dr.Ramachandra.B.Bhat	Completed
50	Evaluation of histomorphological patterns of ovarian tumor.	Dr.Mohsin Dr.R.Rupnarayan	Completed
51	Study of FNAC in lymphadenopathies.	Dr.Hemalatha.A Dr.Udaya Kumar.M	Sent for publication
52	Mucin staining in upper GI Endoscopic biopsies	Dr.Prathima.S Dr.Ramkumar.K.R	Sent for publication
53	Histopathologic study of endometrium in uterine leiomyoma	Dr.Chethana Mannem	Completed
54	Congenital malformations in perinatal autopsy : A Prospective study	Dr.Mandeep Singh Bindra	Accepted for Publication
55	Utility of toluidine blue staining and brush biopsy in precancerous and cancerous oral lesions	Dr.Sapna.M	Completed
56	Cytomorphological study of breast lesions with histopathological correlation	Dr.Supriya R.Kokanay	Completed
57	Spectrum of lesions in Lung autopsies	Dr.Thomas Alex Kodiatte	Completed
58	Prevalence of Atherosclerosis in Coronary and Aortic blood vessels	Thej Mothakapalli Jagadish	Completed

II. Ongoing research Projects:

Total No:25

Sl.No	Name of the Investigators	Title of project
1	Dr.CSBR.Prasad Dr.M.L.Harendr Kumar	Mast cells in various Gastrointestinal disorders
2	Dr.Kalyani.R Dr.M.L.Harendra Kumar Dr.Krishnamurthy. Dr.Shashidhar.K.N	“An Autopsy study of serum homocysteine and serum cholesterol in coronary and aortic atherosclerosis”
3	Dr. Kalyani R Dr. M.L. Harendra Kumar	The role of cytochemistry and Immunohistochemistry in detecting dysplastic cells in routine pap smears and correlation with HPV DNA of cervical biopsy
4	Dr. T.N Suresh Dr.Hemalatha A Dr. M.L Harendra Kumar	Evaluation of histomorphological and immunohistochemical markers as biomarker/predictor of cervical lymph node metastasis in Squamous cell carcinoma of the oral cavity – A retrospective study
5	Dr. Kalyani R Dr. Hemalatha A Dr. D.S Krishnamurthy Dr. Narayanaswamy M Dr. Krishnappa J	Congenital malformations in perinatal autopsy correlating with cytogenetic studies
6	Dr. Gayathri B N Dr.Harendra Kumar.M.L. Dr.Gomathi. Dr.Jeevan shetty Dr.reetesh	Association of ABO blood groups with malaria
7	Dr.Shruthi.PS Dr.Kalyani.R Dr.Narayan swamy.M Dr.Sumathi.M.E	Dyshipidepenia in carcinoma cervix is it significant ?
8	Dr Manjula K Dr CSBR Prasad Dr.Harendra Kumar.M.L	Morphological changes of hematopoietic cells in HIV infection
9	Dr.Subhashis Das Dr.Harendra Kumar.M.L	Pre –donation deferral amongst the voluntary blood donors

10	Dr.Prateek N.Swamy Dr..Aparna Narasimha	Significance of mast cell density and nuclear morphometric analysis in gastric carcinoma
11	Mr.Nishanth Mr.Nirup.N.C Ms.Chandana Dr.Aparna Narasimha Dr.Harendra Kumar.M.L	Clinicopathological study of breast carcinoma in rural population
12	Dr.Lokesh haswani Dr.Udaya Kumar.M Dr.Thej.M.J Dr.Thomas.A.K Dr.M.L.Harendra Kumar	Comparison of ESR valve using EDTA diluted blood sample vacutainer and citrate blood vacutainer using automated ESR machine.
13	Dr.Gayathri.B.N 14Dr.Kalyani.R Dr15.Umesh Balu Dr.Harendra Kumar	Spectrum of liver changes - at autopsy
14	Dr.Deepthi. Dr.Aparna Narasimha Dr.Harendra Kumar.M.L Dr.Anand kumar.D.R	Significance of erythrocyte aggregation test in acute MI.
15	Dr.Divya rani Dr.Aparna Narasimha Dr.Harendra Kumar.M.L Dr.Sheela.S.R	Significance of cytomorphometry in evaluating pre-malignant from malignant lesions in cervical smears.
16	Dr. Aparna Narasimha Dr. R. Rupnarayan	Significance of application of Immunohistochemical markers and morphometry in categorization of a solitary thyroid nodule
17	Dr.Vidyavathi. Dr.Deepthi.A Dr.Harendra Kumar.M.L. Dr.Krishnappa Dr.Narayanaswamy	Effects of gestational age, prematurity and birth asphyxia on platelet indices of neonates
18	Dr.Shruthi.P.S Dr.Kalyani.R	Study and analysis of p53 Ki67 & PRb expression in premalignant and malignant cervical lesions
19	Dr.Vasavi.B Dr.Udaya Kumar.M	Cytomorphological study of fluid aspirates in comparison between conventional smears and cell block

20	Dr.Suraksha Rao Dr.R.Rupnarayan	Significance of platelet indices in ischemic heart disease.
21	Dr.Gomathi.N Dr.M.L.Harendra Kumar Dr.S.M.Azeem Mohiyuddin Dr.T.N.Suresh	Study and analysis of apoptotic index and proliferative markers in premalignant lesions and squamous cell carcinoma of oral cavity
22	Dr.Rizwan Javed Dr.T.N.Suresh	Morphological spectrum of prostatic lesions.
23	Dr.Deepthi.A Dr.CSBR.Prasad	Study of Dimorphic anemia under basic etiology
24	Dr.Lokesh Haswani Dr.M.L.Harendra Kumar	Comparison of atherosclerosis carotid with aorta ,renal and coronary arteries in rural population of India
25	Dr.Divya Rani.M.N Dr.Udaya Kumar.M	Significance of mast cell density and micro vessel density in breast carcinomas

III. Proposed research Projects:

Total No:4

Sl.No	Name of the Investigators	Title of project
1	Dr Manjula K Dr CSBR Prasad Dr.Harendra Kumar.M.L	Evaluation of cytological features against immunological markers (MOC 31 and D2 40) to differentiate malignant and non malignant effusions – a double blinded study
2	Dr.Gayathri.B.N Dr.Udaya Kumar. Dr.Narayan Swamy	Assessment of first – line coagulation parameters in pregnancy induced hypertension
3	Dr.Udaya Kumar. Dr.Gayathri.B.N Dr.Beere Gowda	Assessment of first – line coagulation parameters in neonates born to pregnancy induced hypertensive mothers
4	Dr.Vidyavathi.K Dr.Rajani Dr.Deepthi Dr.Harendra Kumar.M.L	Utility of autofluorescence in diagnosing tubercular lymphadenitis

Highlights

CME CONDUCTED

Sl.No	Date	Title
1	27.11.2005	CME on “HEMOPHILIA”
2	26.07.2006	CME on Clinical Utilities of Blood and Blood Components
3	21.05. 2008	CME on “Stem cell & Regenerative Medicine”
4	05.06 2009	CME on “Spectrum of Lymph Node Lesions”-
5	28.08.2009	CME on “Modern Transfusion Practices”
6	30.07.2010	CME on “Liver Pathology & Role of PCR in Sarcomas”

Conference conducted:

38th Karnataka Chapter of Indian Association of Pathologists and microbiologists – KCIAPM 2011 conference

Our department successfully conducted one day CME on “Urogenital Pathology” followed by 38th Annual state conference of the Karnataka Chapter Indian association of Pathologist and Microbiologists between 9th -11th September 2011 at Sri Devaraj Urs Medical College.

The 38th Karnataka Chapter of Indian Association of Pathologists and microbiologists – KCIAPM 2011 conference programme began at 10am with inauguration by the dignitaries Chief guest Dr.Sriprakash, Vice Chancellor of RGUHS, Dr.Kulkarni President KCIAPM, Dr.Chandrashekar Shetty, Vice Chancellor, SDUAHER, Dr. K.M.Srinivas Gowda, former registrar, RGUHS, Dr.A.V.M Kutty, registrar, SDUAHER, Dr.Chandrappa, Co ordinating officer SDUAHER, Dr.Lakshmaiah.V, Medical Superintendent, RLJH, Dr.S.R .Prasad, Vice principal ,SDUMC. We started our sessions invoking the blessing of the almighty and lighting the lamp for knowledge and prosperity by the dignitaries. Our HOD Dr.Harendra Kumar welcomed the gathering. Dr.Nanda kishore, Secretary KCIAPM addressed the gathering on behalf of KCIAPM. Dr.Sriprakash Vice Chancellor of RGUHS, gave the inaugural address. Dr.Chandrashekar Shetty, Vice Chancellor, SDUAHER released the souvenir of the conference. Dr. K.M .Srinivas Gowda, former registrar, RGUHS released the brainwave – Current concepts in pathology. Dr.Kulkarni and Dr.K.M Srinivas Gowda addressed the gathering. Dr.Udayakumar.M, Organising Secretary proposed the vote of thanks.

Eminent national speakers were invited to deliberate the lectures.

Dr, Ramani Manoj, Associate Professor, from CMC Vellore spoke on “An overview of ovarian sex cord tumors”. This session was chaired by Dr. H.A Parshwanath and Dr. Prathima S. She discussed on newer classification of ovarian sex cord tumours and also regarding gross and microscopic findings.

She also added note on clinical features, management and discussed six interesting cases, which was appreciated by postgraduates and consultants. There were a few questionnaires at the end of session which was discussed and clarified.

The second lecture for the day was by **Dr. Sangeetha B Desai, Professor from TMH, Mumbai**. The session was chaired by Dr. Bharath C and Dr. Masthiholimath R.D. She spoke on “Pathology of bladder lesions” which was interesting and most appreciated. She dealt with recent classification of bladder lesions, processing/gross features of bladder lesions, microscopic features of each lesion and added a note on immunohistochemistry and management of these lesions. She discussed 10 interesting cases which comprised of renal tumors, non-neoplastic lesions of kidney, bladder lesions - neoplastic and non-neoplastic lesions. She had good interaction with the postgraduates and clarified their queries.

The third lecture for the day was by **Dr. S Rajendiran, Professor SRMC, Chennai** on “**Spectrum of prostate lesions**”. This session was chaired by Dr. Nanda Kishore Alva and Dr. C.J Prakash. He was an eminent speaker and was most appreciated by audience. He presented with good humor in between his talk which kept audience lively. He discussed about handling and processing of TURP chips, non-neoplastic lesions of prostate with its mimickers and their differential diagnosis correlating with immunohistochemistry and PSA values for all his cases, classification and grading of prostate cancer. He also spoke on Molecular alterations in prostate cancer and effects of treatment (hormone therapy, radiation therapy, chemotherapy) on the prostatic tissue and tumor.

The last session of the day was by **Dr. Sambashiviah** which was on **Oncologists perspective of tumor diagnosis**. The session was chaired by Dr.Kalyani.R and Dr.Chandesh Kumar. He started with incidence of various cancers especially in Tamil nadu and compared it with the incidence in various countries world wide. Following this he spoke regarding the role of pathologists report (field of oncology), its usefulness to oncologists in giving the patients a tailored treatment. He went to the depth of the tumorigenesis to the molecular level and told its clinical implication in targeted therapy by depicting various examples.

The conference was attended by 347 delegates including 152 consultants and 194 post-graduates. The conference was represented by about 38 medical colleges from all over Karnataka and 5 medical colleges from other states.

There were 130 poster presentations with 69 oral presentations by the delegates, the maximum number of posters and papers in the history of KCIAPM conference. Awards and prizes were given for both postgraduates and staff for best poster and oral papers.

The CME and conference ended successfully by collecting participant feed back forms. Feed back analysis showed appreciation of selection of interesting topics as well as speakers from reputed institutions giving lectures which enriches our knowledge and stimulates interest for research work. The quality and content of the scientific sessions was appreciated by all the delegates.

Histopathology slide seminar

Histopathology slide seminar sponsored by KCIAPM were conducted by our department at MS Ramaiah Medical College, Bangalore on 28th April 2012. Dr Harendra Kumar ML chaired the session and Dr.TN Suresh and Dr.CSBR Prasad moderated the session

Important achievements:

- Dr.M.L Harendra Kumar was elected as vice –president of Karnataka Chapter Indian association of Pathologists and Microbiologists. From 11th Sept 2011 to 9th Sept 2012.
- Dr.M.L Harendra Kumar received fellow of Indian college of Pathologists award at 60th APCON Annual Conference of Indian association of pathologists and Microbiologists at Patiala in Dec 2011.
- Dr.R Kalyani was invited guest speaker at Yangzhan medreal development forum organized by EPS global organization at Yanghan, China on 18th April 2011 on Cancer pattern in adolescents and young adults.
- Dr.Kalyani.R. is Executive editor for scientific journal of Sri Devaraj Urs Academy of Higher Education and Research since 2010, titled “Journal of clinical and biomedical sciences”, a peer reviewed quarterly journal. First, second, third and fourth issue 2011 and first issue of 2012 is published
- Dr.Kalyani.R. was Chief Editor of the book titled “Current Concepts in Pathology – 2011” published by Sri Devaraj Urs Academy of Higher Education & Research, Kolar, India.2011.
- Dr.Kalyani.R was Honored as Fellow in International Medical Sciences Academy (FIMSA) in October 2011 at International conference of IMSA organized at Hyderabad

Student’s achievements of awards - PG’s

Sl No	Place	Post graduates	College
2010			
1	2 nd Prize 3 rd Prize	Dr.Chethana Mannum Dr.Supriya.R.Kokanay	Quiz on Pulmonary pathology at Commando hospital, Bangalore, Dec 2009
2	2 nd prize	Dr.Supriya.R.Kokanay	Pathology Quiz at Bangalore Medical college, Bangalore – 2010
3	1 st prize	Dr.Supriya.R.Kokanay & Dr.Sapna.M	RNTCP quiz conducted by Sri Devaraj Urs Medical college, Kolar – 2010
4	1 Prize	Dr.Supriya.R.Kokanay & Dr.Sapna.M	Pathology quiz competition at KCIAPM state conference – Oct 2010
2011			

5	2 nd Prize	Dr.Thej.M.J Dr.Thomas.A.K	Pathology quiz conducted by Narayana Hrudalaya – Feb 2011
6	3 rd Prize	Dr.Vasavi.B.N Dr.Suraksha.Rao	Pathology quiz conducted by Narayana Hrudalaya – Feb 2011
7	3 rd place	Dr.Thej.M.J Dr.Thomas.A.K Dr.Vasavi B	National hematology quiz competition on 30 th August – at Narayana Hrudalaya
8	2 nd best presenter	Dr. Thomas AK	KCIAPM slide seminar on renal pathology at MSRMC, Bangalore
9	2 nd prize –oral paper presentation	Dr. Suraksha B Rao	38 th KCIAPM annual state conference at SDUMC, Kolar
10	1 st prize – poster presentation	Dr. Vasavi B	CYTOCON 2011, National cytology conference at SDM,Dharwad
11	2 nd prize – poster presentation	Dr.Rizwan Javed	CYTOCON 2011, National cytology conference at SDM,Dharwad

Prizes and awards:

Faculty:2010

- Dr.Kalyani.R has received the membership award of National Academy of Medical Sciences (India) (MNAMS) at National Conference of the academy held in October 2010 at Patiala.
- Dr.Kalyani.R has received the award of fellow of IMA academy of medical specialities (FIAMS) at National Conference of the academy in December 2010 at Allahabad.
- Dr.CSBR Prasad - 2nd prize in National online quiz competition held at 59th APCON Annual Conference of Indian association of pathologists and Microbiologists at Hyderabad in December 2010

2011

- Dr. Kalyani R – 2nd prize poster presentation at 38th KCIAPM conference at SDUMC, Kolar in Sept 2011.
- Dr. Hemalatha A – 2nd prize oral paper presentation at 38th KCIAPM conference at SDUMC, Kolar in Sept 2011.
- Dr.M.L Harendra Kumar was elected as vice –president of Karnataka Chapter Indian association of Pathologists and Microbiologists

- Dr.M.L Harendra Kumar received fellow of Indian college of pathologists award at 60th APCON Annual Conference of Indian association of pathologists and Microbiologists at Patiala in Dec 2011.

Authorship

- Dr.Kalyani R has authored two books
 - a) Clinical approach to well-differentiated thyroid cancers – by Frederick L Greene, Andrzej L Komorowski. Commentary by Dr. Kalyani for the chapter “Pathology of differentiated thyroid cancers. 2010 published by Byword Books Private Limited, India.
 - b) Textbook of Family Medicine – Dr.S Arul Rhaj, Dr.JA Jayalal, Dr.TN Ravi Shankar. Dr.Kalyani R has authored the chapter “Cervical cancer:Current concepts in etiopathogenesis, screening, diagnosis and preventive measures”. 2nd edition 2011 published by IMA college of General Practitioners, India.

Number of CME & Conferences attended

	2009	2010	2011	TOTAL
State	1	1	13	15
National	2	2	12	16
CME / Workshop	29	16	12	57
Total	32	19	37	88

DEPARTMENT OF PATHOLOGY
Dissertations – Completed and Ongoing

Batch	SL. NO	NAME	Year of admission	PG Teacher	TOPIC
1	01	Dr.Vidyavathi.K	2002-03	Dr.M.L.Harendra Kumar	Correlation of biopsy and brush cytology on diagnosis of upper GIT neoplasms
	02	Dr.Ramesh. V.L		Dr.R.Rupnarayan	Pattern of Thyroid lesions: A Histopathological study
2	1	Dr.Aparajita.Mishra	2003-04	Dr.Udaya Kumar.M	Histological study of colonoscopic biopsy in chronic diarrhea patients
	2	Dr.Basavaraj.P.B		Dr.Kalyani.R	Correlation of influencing factors on semen analysis in and around kolar district.
3	1	Dr.Chaithra.R.Jadhav	2004-05	Dr.M.L.Harendra Kumar	Placental pathology in low birth weight babies
	2	Dr.Vikas Tandon		Dr.Ramachandra.V.Bhat	Hematological profile in malaria.
4	1	Dr.Mohsin	2005-06	Dr.R.Rupnarayan	Evaluation of histomorphological patterns of ovarian tumor.
	2	Dr.Hemalatha.A		Dr.Udaya Kumar.M	Study of FNAC in lymphadenopathies.
5	1	Dr.Prathima.S	2006-07	Dr.Ram Kumar.K.R	Mucin staining in upper GI Endoscopic biopsies
	2	Dr.Pooja Kishor		Dr.Kalyani.R	Proliferative indices in breast lesions
6	1	Dr.Chethana Mannem	2007-08	Dr.M.L.Harendra Kumar	Histopathologic study of endometrium in uterine leiomyoma
	2	Dr.Mandeep Singh Bindra		Dr.Kalyani.R	Congenital malformations in perinatal autopsies Prospective study
7	1	Dr.Sapna.M	2008-09	Dr.R.Rupnarayan	Utility of toluidine blue staining and brush biopsy in precancerous and cancerous oral lesions
	2	Dr.Supriya R.Kokanay		Dr.Udaya Kumar.M	Cytomorphological study of breast lesions with histopathological correlation
8	1	Dr.Thomas Alex Kodiatte	2009-10	Dr.M.L.Harendra Kumar.	Spectrum of lesions in Lung autopsies
	2	Thej Mothakapalli Jagadish		Dr.Kalyani.R	Prevalence of Atherosclerosis in Coronary and Aortic blood vessels
	1	Dr.Shruthi.P.S	2010-11	Dr.Kalyani.R	Study and analysis of p53 Ki67 & PRb expression in premalignant and malignant cervical lesions

9	2	Dr.Vasavi.B		Dr.Udaya Kumar.M	Cytomorphological study of fluid aspirates: comparison between conventional smears and cell block
	3	Dr.Suraksha Rao		Dr.R.Rupnarayan	Significance of platelet indices in ischemic disease.
	4	Dr.Gomathi.N		Dr.M.L.Harendra Kumar	Study and analysis of apoptotic index and proliferative markers in premalignant lesion squamous cell carcinoma of oral cavity
10	1	Dr.Rizwan Javed	2011-12		Morphological spectrum of prostatic lesions
	2	Dr.Deepthi.A		Dr.CSBR.Prasad	Study of Dimorphic anemia under basic etio
	3	Dr.Lokesh Haswani		Dr.M.L.Harendra Kumar	Comparison of atherosclerosis carotid with ,renal and coronary arteries in rural population India
	4	Dr.Divya Rani.M.N		Dr.Udaya Kumar.M	Significance of mast cell density and micro density in breast carcinomas

ACCESSION REGISTER OF BOOKS / JOURNALS

Sl. No	Authors	Title of the books	Edition	Year	No. of copies	Accession number
1	Diflore SH	Atlas of Human Histology	5 th Ed	1985	1	000200
2	Frederick	Manual of Histopathological staining Method		1985	1	000338
3	Raphel	Medical Lab technology (Lynch)	4 th Ed	1983	1	000355
4	Sherlock (S)	Diseases of Liver & Biliary system	7 th Ed	1985	1	001211
5	Isreal	General Pathology	6 th Ed	1987	1	001377
6	Dacie	Practical Hematology	6 th Ed	1984	1	001378
7	Todd	Clinical Diagnosis management by Lab. Methods	17 th Ed	1986	1	001380
8	Roitt M	Immunology	6 th Ed	1988	1	001451
9	Shirkhande	Biopsy Interpretation		1989		001682
10	Curran (Rc)	Color Atlas of Histopathology	3 rd Ed	1988	1	001765
11	Bhende	General pathology	3 rd Ed	1983	1	001774
12	Bhende	General pathology	4 th Ed	1986	1	001775
13	Kissane (J.M)	Andersons Pathology- Vol 1	9 th Ed	1990	1	001793
14	Kissane (J.M)	Andersons Pathology- Vol 2	9 th Ed	1990	1	001794
15	Kovi J	Surgical pathology Atlas- Vol-2		2000	1	001809
16	Kovi.J	Surgical Pathology Atlas- Vol-1		2000	1	001810
17	Anthony(Y.P)	Recent Advances in Histopathology-14		1989	1	001837
18	Cotran (R.S)	Robbins pathology Basic & Disease	3 rd Ed	1984	1	001871
19	Hayhoe (F.G)	A color atlas of Hematology	2 nd Ed	1982	1	001950
20	Weller RO	Symmers-Nervous System, Muscle, Eyes -Vol 4	3 rd Ed	1992	1	002115
21	Dorlands	Pocket Medical Dictionary	24 th Ed	1989	1	002175
22	Bancroft (J.D)	Theory & Practice of Histological Techniques	3 rd Ed	1990	1	002328
23	WSC Freidman	Symmers- Nose ,Throat , Ears - Vol 1	3 rd Ed	1989	1	002334
24	Morson (B.C)	Symmers - Alimentary tract	3 rd Ed	1987	1	002337
25	Naib AM	Exfoliative Cytopathology	3 rd Ed	1990	1	002345
26	Cooke RA	Color Atlas of Anatomical pathology	1 st Ed	1987	1	002349
27	Hoff Brand AV	Recent Advances in Hematology-No. 5		1988	1	002352
28	Wickramasinge	Blood & Bone Marrow	1 st Ed	1986	1	002354

29	Bauer (J.D)	Clinical Lab. Methods	9 th Ed	1990	1	002358
30	Brannestin	Outline & Review of pathology-vol 1	1 st Ed	1992	1	002413
31	Talib	T.B.Of Medical Lab Techniques	WHO		1	002591
32	Fayemi	Pathology	9 th Ed	1990	1	002912
33	Geary	Aplastic Anemia	1 st Ed	1979	1	003115
34	Rubin	Pathology	1 st Ed	1988	1	003210
35	Evans	Histological Appearances of tumors	4 th Ed	1990	1	003211
36	Carr	Lympho reticular Disease	2 ^{dn} Ed	1984	1	003549
37	Sood	Illustrated Pathology	1 st Ed	1990	1	003938
38	Hellquist (H.V)	Pathology of the Nose & Paranasal sinuses	1 st Ed	1980	1	003986
39	Dallenbach	Histopathology of the Endometrium	4 th Ed	1987	1	003987
40	Grundman	Histopathology	1 st Ed	1988	1	004284
41	Mitros	Atlas of gastro intestinal pathology	1 st Ed	1988	1	004364
42	Weiss	Atlas of genito-urinary tract disorders	1 st Ed	1988	1	004365
43	Kass	Bone Marrow Interpretation	2 nd Ed	1985	1	004372
44	Whitehead	Mucosal biopsy of the gastrointestinal tract	2 nd Ed	1980	1	004561
45	Harris	Breast Diseases	1 st Ed	1987	1	004658
46	Giuntali	Atkinsons Color Atlas of colposcopy	1 st Ed	1987	1	004669
47	Kelkar	T.B.Of Parasitology	1 st Ed	1990	1	005228
48	Curran (R.C)	Tumour atlas	3 rd Ed	1985	1	005477
49	Sood R	Medical Lab. Technology	7 th Ed	1986	1	005950
50	Corrin	Symmers –The lungs –Vol 5	3 rd Ed	1992	1	006289
51	Symmers	Female reproductive system	3rd Ed	1992	1	006290
52	Henry S	Symmers-Thymus,lymph nodes, spleen – Vol 7	3 rd Ed	1992	1	006291
53	Porter & Pugh	Symmers- Kidneys& the Urinary tract- Vol 8	3 rd Ed,	1992	1	006292
54	Symmers	Skin	3rd Ed	1992	1	006293
55	Enzinger FM	Soft Tissue tumors	1 st Ed	1990	1	006294
56	Underwood	General and systemic pathology	1 st Ed	1992	1	006295
57	Wheater	A color atlas of Basic Histopathology	2 nd Ed	1991	1	006296
58	Suen	Atlas & text of Aspiration biopsy cytology	1st Ed	1990	1	006297
59	Muir	Text book of pathology	12 th Ed	1987	1	006298
60	Greenfield	Neuropathology	2 nd Ed	1992	1	006299
61	Grubb	Diagnostic Cytopathology	1 st Ed	1988	1	006300
62	Robertson	Symmers - CVS - Vol-10	3 rd Ed	1993	1	006421
63	Wright	Symmers-Liver,Biliary tract & Pancreas – Vol 11	3 rd Ed,	1994	1	006463
64	Mc Gee	Oxford text book of pathology- Vol-1	1 st Ed	1992	1	006951
65	Mc Gee	Oxford text book of pathology- Vol-2	1 st Ed	1992	1	006952
66	Mc Gee	Oxford text book of pathology- Vol-3	1 st Ed	1992	1	006953
67	Hollon	Management of blood transfusion services	1 st Ed	1991	1	006954
68	Henry.JB	Clinical diagnosis & management by lab methods	18 th Ed	1991	1	006978
69	Lever WF	Histopathology of the skin	7 th Ed	1949	1	009029
70	Jandl	Blood: Textbook of Hematology	2 nd Ed	1996	1	009316
71	Fletcher	Diagnostic Histopathology of tumors –I	1 st Ed	1995	1	009317
72	Fletcher	Diagnostic Histopathology of tumors-II	1 st Ed	1995	1	009318
73	Firkin	De Gruchys Clinical haematology	5 th Ed	1996	1	009848
74	Lowe	Surgical pathology techniques	1 st Ed	1990	1	010049
75	Turk	Atlas of surgical pathology	1 st Ed	1991	1	010050
76	Yanoff	Ocular pathology	1 st Ed	1999	1	010051
77	Robbins	Pathological basis of Disease	6 th Ed	1999	1	010612
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