

Pathology

Faculty

Prof. Manoj Kumar Choudhury	MBBS, MD	Professor & HOD
Prof. Chhanda Datta	MBBS, MD	Professor
Prof. Mamata Guha Mallick	MBBS, MD	Professor
Prof. Madhumita Mukhopadhyay	MBBS, MD	Professor
Prof. Asim Kumar Manna	MBBS, Dip, BMS, MD	Professor
Prof. Uttara Chatterjee	MBBS, MD	Professor
Dr. Suchandra Ray	MBBS, MD	Associate Professor
Dr. Debasish Chakraborty	MBBS, MD	Associate Professor
Dr. Rama Saha	MBBS, DGO, MD	Associate Professor
Dr. KeyaBasu	MBBS, MD	Associate Professor
Dr. Mou Das	MBBS, MD	Assistant Professor
Dr. Ram Narayan Das	MBBS, MD	Assistant Professor
Dr. Manisha Sarkar	MBBS, MD	Assistant Professor
Dr. Chhanda Das	MBBS, MD	Assistant Professor
Dr. Moumita Sengupta	MBBS, MD	Assistant Professor
Dr. Biswajit Kundu	MBBS, DO	Demonstrator
Dr. Madhumita Mondal	MBBS, MD	Demonstrator
Dr. Sumanta Bhattacharya	MBBS, MD	Demonstrator
Dr. Piyali Kundu	MBBS, MD	Demonstrator
Dr. Ayesha Afreen Islam	MBBS, MD	Demonstrator

Postgraduate trainees (MD students)

Session 2014-17	Session 2015-18	Session 2016-19
<ul style="list-style-type: none"> • Dr. Dipan Das • Dr. Zeenat Ara • Dr. Madhumita Paul • Dr. Adahra Patricia Beso • Dr. Piyali Podder • Dr. Goutam Bera • Dr. Mousumi Kar • Dr. Madhu Kumari • Dr. Soma Sabui • Dr. Moumita Chatterjee 	<ul style="list-style-type: none"> • Dr. Priyanka Maity • Dr. Tamanna Parvin • Dr. Diya Das • Dr. Ananya Biswas • Dr. Nelfar Islam • Dr. Soumendra Mishra • Dr. Soumya Kanti Pramanik • Dr. Tushar Kanti Das • Dr. Pratap Mondal • Dr. Sucharita Sarkar 	<ul style="list-style-type: none"> • Dr. G VinayAnand • Dr. Chandradeep Mallik • Dr. Kavita Jain • Dr. Banhisikha Kanjilal • Dr. Srijita Biswas • Dr. Ashish Jha • Dr. Suparna De • Dr. Afreen Nahar Begum • Dr. Tribarna Sinha

FACULTY NEWS

- Prof. Manoj Kumar Choudhury has acted as an external-expert in selection of the faculties in PGI, Chandigarh & also as a MD examiner in the same institute.
- Prof. Chhanda Datta has acted as an MD examiner in the same institute in the last academic session.
- Prof. Mamata Guha Mallick (Sinha) has acted as an external examiner in MD pathology examination at Sri Krishna Medical College, Muzaffarpur and has also been an examiner for 2nd MBBS professional examination in Silchar and MGM Medical College, Kishanganj.
- Prof. Madhumita Mukhopadhyay has acted as an external examiner in DNB pathology examination in Government Medical College, Chandigarh and also convener of MBBS examination under WBUHS.
- Prof. Asim Kumar Manna has acted as internal examiner of MBBS examination under WBUHS.

- Prof. Uttara Chatterjee delivered lectures in Hyderabad at the Annual Conference of ISNCON in April 2016 and in the West Bengal chapter of the annual IAPM conference in September 2016, held at NRS Medical College.
- Dr. Debasish Chakraborty has acted as an external examiner in MBBS in Silchar.
- Dr. Keya Basu acted as internal examiner of DMLT final examination under State Medical Faculty.
- Dr. Chhanda Das has enrolled for PhD under Calcutta University in 2016.

REGULAR ACADEMIC ACTIVITIES

Apart from classes of MBBS & MD pathology courses, pathology lecture classes of BPT, BSc (Nursing) and DMLT courses are taken by the teachers.

Slide spotting and discussions for the post graduate students are held on the 1st Wednesday of each month. Journal clubs and Seminars/Microteachings are held in every Thursdays with all faculty members and postgraduate students. Different teachers of our department act as co-guides in thesis of other disciplines. Many teachers act as adjudicators of MD pathology thesis also.

In addition, our department hosted a CME in Cytology on 1st & 2nd April, 2016 where Prof. Pranab Dey from PGI Chandigarh and Prof. Prabal Deb from R&R, New Delhi delivered lectures and conducted workshop.

Dr. Subrato Chakraborty, from Toronto (Canada), presented a slide discussion on GI endoscopic biopsy. Prof. Chitra Sarkar from AIIMS, New Delhi, delivered a lecture on the updated WHO classification of CNS tumors.

Prof. D. N. Lanjewar, from Grant Medical College, Mumbai, delivered a lecture on the importance of autopsy in cases with HIV infection.

STUDENT AND RESEARCH SCHOLAR INFORMATION

14 students have successfully completed MD Pathology course in 2016.

Total of 39 publications have been accepted & published in different national and international journals by faculties and students during the period from 1st January to December, 2016.

RESEARCH PROGRAMS

The department of pathology, IPGIMER received WBDST FIST Grant of Rs.15 Lakhs in 2016.

- "Role of calretinin in Hirschsprung disease in infants" from WBDST under Prof. Madhumita Mukhopadhyay.
- "Role of IDH1 in glial tumors" from WBDBT under Prof. Chhanda Datta and Prof. Uttara Chatterjee.

Thesis projects ongoing

Student	Guide	Topic
Dr. Dipan Das	Dr. Keya Basu	Local and systemic imbalance of CD4+ t cells in granulomatous colitis.
Dr. Zeenat Ara	Dr. Debasish Chakraborty	Comparative analysis of histomorphology of urinary bladder carcinoma with special reference to p63 and CK 20 expression in a tertiary care hospital.

Dr. Madhumita Paul	Dr. S. Roy	Clinicopathological evaluation of sinonasal lesions among patients presenting in a tertiary care hospital with special reference to immunohistochemical marker Ki-67.
Dr. Adahra Patricia Beso	Dr. R. Saha	Study of malignant gastric neoplasm and its peritoneal metastases in relation with serum ca125 level.
Dr. Piyali Podder	Prof. Chhanda Datta	Ki-67 labelling index, her2/neu overexpression and androgen receptor status in prostate carcinoma-a core needle based study in a tertiary care hospital.
Dr. Goutam Bera	Prof. Uttara Chatterjee	Clinicopathological study of hepatoblastoma and its correlation with expression of beta-catenin and proliferative indices.
Dr. Mousumi Kar	Prof. M. K. Chowdhuri	Study on diagnostic role of desmin & comparative analysis of expression of her-2-neu&cadherin with respect to myoinvasion in urothelial carcinoma of urinary bladder.
Dr. Madhu Kumari	Prof. Madhumita Mukhopadhyay	Study on genetic polymorphism of RET proto oncogene in Hirschsprung's disease in children.
Dr. Soma Sabui	Prof. A. K. Manna	Clinicopathological study of Hodgkin Lymphoma with special reference to nodular lymphocyte predominant Hodgkin Lymphoma.
Dr. Moumita Chatterjee	Prof. P. K. Mitra	A clinicopathological and immunofluorescence study of intraepidermal immunobullous diseases in a tertiary referral centre of eastern India.
Dr. Priyanka Maity	Dr. Debasish Chakraborty	Evaluation of squash cytology of lesions of spinal cord and surrounding tissue and co relation with histopathology with special reference to Ki67 and P53.
Dr. Tamanna Parvin	Prof. Manoj Kr. Chaudhuri	Study of Cyclin D1 as a prognostic marker in invasive breast carcinoma and its correlation with other prognostic and predictive factors.
Dr. Diya Das	Dr. Chhanda Datta	Immunohistochemical markers for diagnosis and prognostication of prostatic adenocarcinoma: a core needle biopsy based study in a tertiary care hospital of Eastern India.
Dr. Ananya Biswas	Dr. Keya Basu	Evaluation of diagnostic and prognostic role of TIRADS classification, Bethesda classification, histopathological examination and serological markers in a solitary thyroid nodule.
Dr. Nelofar Islam	Prof Uttara Chatterjee	Correlation between FNAC and trucut biopsy in pediatric soft tissue tumors with special reference to immunohistochemistry.
Dr. Soumendra Mishra	Dr. Suchandra Ray	Cytological and histological correlation of salivary gland tumors among patients presenting in a tertiary care hospital and role of immunostains (P-63, Calponin & Ki-67) in the diagnosis.
Dr. Soumya Kanti Pramanik	Prof. M.G. Mallick (Sinha)	Clinico-pathological evaluation of malignant epithelial ovarian tumors and their correlation with serum amylase and tumor markers CA 125, CA 19-9; Along with tissue expression of CK 7, CK 20 and WT 1.
Dr. Tushar Kanti Das	Dr. Rama Saha	Clinicopathological study of mediastinal mass lesion along with special reference to immunostain OCT3/4, LCA & S-100
Dr. Pratap Mondal	Prof. Madhumita Mukhopadhyay	Spectrum of pituitary tumor in a tertiary care hospital with evaluation of prognostic utility of MGMT, Ki-67 & p-53 expression
Dr. Sucharita Sarkar	Prof. A. K. Manna	Cytological, histological, immunohistochemical study of ascitic fluid with special reference to differential diagnosis.
Dr. G. Vinay Anand	Prof M.G. Mallick (Sinha)	Study of clinicopathological variables in periampullary tumors with special reference to Ki 67 proliferative index and intratumoral microvessel density.
Dr. Chandradeep Mallik	Prof. A. K. Manna	A study of platelet indices in differential diagnosis of thrombocytopenia.
Dr. Kavita Jain	Prof. Chhanda Datta	Role of liquid based cytology in diagnosis of urothelial carcinoma with special reference to urinary biomarkers in a tertiary care hospital.

Dr. Ashish Jha	Dr. Suchandra Ray	Changes in endometrium in peri menopausal and post menopausal women with prognostic and diagnostic significance of p53 and PTEN in hyperplastic and neoplastic lesions.
Dr. Banhisikha Kanjilal	Prof. Uttara Chatterjee	Utility of cell block preparation in diagnosis of pediatric abdominal neoplasms with special reference to immunohistochemistry
Dr. Srijita Biswas	Dr. Debasish Chakraborty	Correlation of epithelial changes of fallopian tube with surface epithelial tumors of ovary with reference to KI 67 and p53 immunostain.
Dr. Suparna De	Dr. Keya Basu	Spectrum of histopathological changes in renal biopsies of non-neoplastic kidney diseases in adult population with special reference to immunofluorescence in a tertiary care referral centre.
Dr. Afrin Nahar Begum	Dr. Rama Saha	Clinicopathological study of ovarian neoplasm in a tertiary care hospital with special reference to HE4 immunohistochemical expression.
Dr. Tribarna Sinha	Prof. Madhumita Mukhopadhyay	Spectrum of EGFR mutation and ALK rearrangement in non small cell carcinoma of lung.

SERVICE INFORMATION

From January 2016 to November 2016

Routine investigations	
Blood	41286
Urine	27188
Stool	
CSF & other fluids	3010
Malaria	5302
Prothrombin Time	10235
Blood grouping	4710
Total	94731
Histopathology	
Specimen	8564
Slides (Routine)	27500
Slides (Special stains)	325
Slides (Review)	269
Immunohistochemistry (academic work)	511
Immunohistochemistry (routine)	310
Total	37479

Hematology	
Blood	89316
Bone marrow	470
Special tests	8210
Total	97996
Cytopathology	
FNAC including CT & USG guided and review	3102
Fluid & exfoliative cytology	4250
Review	184
Total	7546
Serology, chemical pathology and HLA typing	514
Grand Total	2,38,266

Thalassemia screening

Total screened	5304
Normal	4581
β thalassemia carrier	430
HbE carrier	255
HbS carrier	16
β thalassemia	14
HbS-β thalassemia	8