

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for MD - Anatomy Year (2010 - 2013)

Sl No.	Titel
1.	Dermatoglyphic study in type2 diabetee mellttus patients of west bengal
2.	An anthropometric study of the proximal end of the radius obtained from cadaver of West Bengal population (Adult) with clinical implication in radial head arthroplasty
3.	Echo cardiographic evaluation of anatomical abnormalities of innterventricular septum (with special reference to ventricular septal defect) in population of West Bengal between 1 to 12 years of age group
4.	A morphometric study of variations in sacral hiatus of dry human bones
5.	Study of Different variations of superficial palmar arch in cabaver
6.	Morphological and histological changes of placenta in severa pre-acclamptic toxemia and acclampsia
7.	Study of intercoronary anastomosis in cadveric heart
8.	The use of dermatoglyphics for diagnosing schizophernia patyients : a case control study
9.	Study of carrying angel and its correlation with various parameters among north bengal population
10.	Osteomeatal compelx - A study of its anatomical variation among patients attending with Nnorth bhengal medical college and hospital
11.	Dermatoglyphic study of diabetes mellitus among nroth bengal population
12.	Echocardiographic study of neonates with special reference to normal cardiac dimensions and functions
13.	Congenial acanotic heart disease and its co-existence with oblique pinnae abnd increased interchanthal distance
14.	Study of the expression of spindle assermbly check point genes in aborted codetal samples
15.	Study of Chromosomal Pattern of Aborted Foetal Samples by Karyotyping in Estern India
16.	Anatomical changes in the adrenal glands of suicide victims

17.	an mri based study of lumbar vertebral canal diameter and related neural foramina in patients with low back pain in eastern indian population
18.	Analysis of co6a3 genetic polymorphism in eastern indian down syndrome patients
19.	Anatomical variation of posterior slope of fibial plateau in a section of adult eastern india population
20.	Study of the adult subglottic framework in a section of the eastern indian population with its epidemiological variations
21.	Study of growth and development of choroid plexus of lateral ventricle in human fetus by ultrasonography
22.	Anatomical study of variations of mastoid pneumatization in normal population of a section of eastern india
23.	Estimation of stature in living adult from the length of ulna and the anteroposterior diameter of head
24.	Sex differentiation from anthropometric measurements of adult clavicle in bangalee population
25.	Sex differentiation from anthropometric measurements of adult clavicle in bangalee population
26.	Study of histopathological changes of uterus in different gynaecological diseases which cause abnormal uterine bleeding with special emphasis on dysfunctional uterine bleeding

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MD – Anaesthesiology** Year (2010 - 2013)

Sl. No.	Titel
1.	A comparative study between oral pregabalin and gabapent in prolongation of postoperative pain after Anaesthesiology
2.	A comparative clinical study of prevention of post operative nausea and vomiting using preoperative intravenous palonosetron and intravenous ramosetron in laparoscopic cholecystectomy
3.	Pre operative single dose intravenous dexamethasone reduces post operative morbidity in paediatric patients following cleft palate surgery
4.	Effect of alkalinization of lignocaine hydrochloride on brachial plexus block
5.	Efficacy of dexmedetomidine in reducing emergence agitation after sevoflurane anesthesia in pediatric patients
6.	A study to compare haemodynamic stability of standard dose bupivacaine heavy and fentanyl with low-dose diluter bupivacaine and fentanyl in subarachnoid block for transurethral prostatectomy'
7.	Role of Dexmedetomidine on hemodynamics and anesthetic requirement in patients undergoing elective intracranial tumor surgery : a prospective randomized double blind placebo controlled study
8.	Comparative study of the analgesic efficacy of 0.5 % isobaric ropivacaine with 25 mg fentanyl vs 9.5% isobaric bupivacaine with 25 mg e\fentanyl in \trathecally in effective infraumbilical surgery
9.	A comparative study of a single pre-induction intravenous administration of two different doeses of dexmedetomidine on hemodynamic respohnses to laryngoscopy and indotracheal intubation in elective surgeries
10.	The efficacy of transversus abdominis plane block in providing effective perioperative analgesia in patients undergoing total abdominal hysterectomy : a randomised controlled trial
11.	A comparativwe study btween spinal buplvacaine plus clonldine and ropuvacaine plus clonidine followed by epidural roplvacaine infusion, in patients undergoiong total abdominal hysterectomu

12.	Efficacy of oral clonidine versus gabapentin premedication on hemodynamic responses associated with laryngoscopy and tracheal intubation
13.	Comparison of granisetron, palonosetron and ondansetron for prevention of postoperative nausea and vomiting in patients undergoing gynecological surgery under general anaesthesia
14.	A comparative study of ramosetron and granisetron for prevention of postoperative nausea and vomiting in patients undergoing laparoscopic gynaecological surgery under general anaesthesia
15.	Study of the role of oral clonidine premedication on haemodynamic changes during laparoscopic cholecystectomy under general anaesthesia with endotracheal intubation A double blind comparative study between intrathecal bupivacaine and intrathecal fentanyl as the initial dose of combined spinal epidural technique for labour analgesia
16.	A comparative study of the efficacy of ondansetron, palonosetron and palonosetron with dexamethasone in preventing postoperative nausea and vomiting following laparoscopic surgery
17.	Comparative study of rocuronium and succinylcholine regarding intubation conditions and hemodynamic effects in patients undergoing laparoscopic cholecystectomy
18.	Comparative study of fetal outcome in spinal anesthesia in elective cesarean section with hyperbaric bupivacaine and hyperbaric bupivacaine with fentanyl
19.	Effect of intraoperative use of dexmedetomidine on anesthetic requirements in patients undergoing elective spine surgery
20.	To compare the haemodynamic stress response of direct laryngoscopy and orotracheal intubation using McCoy and Macintosh blade in general anaesthesia
21.	A clinical study to evaluate the effect of positioning on bispectral index (BIS) monitoring in patients undergoing elective surgery under general anaesthesia
22.	A study to compare the effect of 3 % Hypertonic Saline versus 20 % mannitol on brain relaxation during brain tumour surgery

23.	Study of comparison of influence of propofol-fentanyl vs. dexmedetomidine-fentanyl anaesthesia on intraoperative stress response in patients undergoing off pump coronary artery
24.	Comparative study of epsilon amino carboxylic acid and tranexamic acid in controlling post cardio pulmonary bypass bleeding
25.	A comparative study of intrathecal morphine with bupivacaine and clonidine with bupivacaine for post caesarean analgesia
26.	Ropivacaine and ropivacaine with clonidine for lower limb orthopaedic surgery under spinal anaesthesia - a comparative study
27.	Evaluation of intrathecal dexmedetomidine as an adjuvant to spinal ropivacaine in adult patient undergoing infra-umbilical surgery
28.	A study of the effects of caudal epidural block on bispectral index targeted propofol requirement in children - a comparative study
29.	A comparative study on the effect of adding midazolam versus fentanyl to intrathecal hyperbaric bupivacaine in lower extremity and lower abdominal surgery
30.	A comparative study of dexmedetomidine, tramadol hydrochloride and pethidine hydrochloride in the prophylaxis of shivering during regional anaesthesia
31.	A comparative study of haemodynamic effects of spinal anaesthesia in severely pre-eclamptic mother versus healthy parturient undergoing emergency caesarean delivery
32.	Comparative study of isobaric 0.75% ropivacaine combined with normal saline (0.9%) versus 0.75% isobaric ropivacaine combined with fentanyl 25 mcg intrathecally for elective infraumbilical surgery
33.	Comparison of crystalloid and colloid preload on maternal haemodynamics in elective caesarean section under spinal anaesthesia
34.	Efficacy of intravenous lidocaine in preventing fentanyl-induced cough before induction of anaesthesia : a randomised controlled trial Comparison of propofol with midazolam regarding arousal time from sedation during spinal anaesthesia in adult patients undergoing elective infraumbilical surgeries
35.	A comparative study on the efficacy of subarachnoid block induced by combined spinal anaesthesia on maternal haemodynamics in elective caesarean delivery

36.	Effects of intravenous clonidine premedication on haemodynamic response in patients undergoing laparoscopic cholecystectomy
37.	A comparative study of etomidate and fentanyl with propofol and fentanyl to aid laryngeal mask airway insertion
38.	A comparative study of sevoflurane versus propofol as anaesthetic inducing agent
39.	Effects of ropivacaine versus bupivacaine in combined epidural for lower limb orthopaedic surgery - a case study
40.	A case study of the laryngoscope guided intubation with special reference to the conventional laryngoscopic Cormack & Lehane grading system
41.	A study of single short epidural clonidine and dexmedetomidine as an adjunct to ropivacaine (0.75%) for total duration of analgesia in lower limb orthopaedic surgery
42.	A comparative study of Epidural Ropivacaine Plain and Epidural Ropivacaine with Clonidine for perioperative analgesia in patients undergoing lower abdominal surgeries
43.	A study of efficacy of two different doses of palonosetron in preventing postoperative nausea and vomiting in gynaecological surgeries
44.	A comparative study of epidural bupivacaine and epidural ropivacaine with magnesium sulphate for perioperative analgesia in patient undergoing lower limb surgery
45.	A study of gastric pH after single oral dose of ranitidine famotidine & pantoprazole in obstetric patients undergoing elective caesarean section under spinal anaesthesia
46.	A comparative study of bupivacaine and bupivacaine with midazolam for perioperative analgesia in patients undergoing upper limb surgery by supraclavicular brachial plexus block

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Biochemistry** Year (2010 - 2013)

Sl. No.	Titel
1.	A comparative evaluation of metabolic side effects of 2nd generation atypical antipsychotics Olanzapine & Apriprazole - a prospective trial
2.	Comparative evaluation of prognostic importance of serum CA-125, Salivary amylase, B HCG and Histopathologic grade in Ovarian Neopasm
3.	Biochemical assessment of thyroid status in pregnancy : importance of trimester - specific reference intervals for thyroid hormones
4.	A study of association between plasma homocysteine level, fasting blood glucose level and serum lipid profile in acute retinal vein occlusion
5.	A comparative study of androgen receptor (AR) density between benign prostatati hyperplasia (BPH) and prostatic carcinoma
6.	Development of screening procedures for primary amino acidurias in indian set up
7.	Erythrocyte reduced glutathione and erythrocyte l-cysteine influc in wilson disease
8.	Determination of coverage interval of antioxidant vitamins (b carotene, vitamine C and vitamina E) in serum and plasma of reference population
9.	Assessment of oxidative and nitrosative stress in cord blood of neonagtes and its interrelationship with antioxidant status in cord blood of neonates delivered by caesarean section versus neonates delivered by normal institutional delivery
10.	Assessment of the inter-relationship between the circulating nitrate-nitrite ratio with female sex steroids in females of reproductive age group
11.	Investigation on moplecular links between type II diagetes mellitus and alzheimer;s disease - an experimental study using cultured cell lines
12.	Asociation of cytokine gene polymorphism with susceptibility and clinical types of leprosy
13.	Role of adiponectin in type II diabetes mellitus and infertility - a comparative study

14.	Study of homocysteine metabolism in rat brain during aging : relationship with oxidative stress and implications in the pathogenesis of alzheimer;s disease
15.	Investimations on the effects of dopamine on mitochondrial functions and expression of mtdna genes in cultured cell lines : implications in the pathogenesis of sporadic parkinson;s disease
16.	A study to assess body mass index and insulin resistance in the patients suffering from benign prostatic hyperplasia
17.	a STUDY TO ASSESS DIFFERENT MARKERS OF BONE TURNOVER IN THE BLOOD AND URINE OF POSTMENOPAUSAL WOMEN AND TO EVALUATE THE RELATIONSHIP BETWEEN THEM IF ANY
18.	Assessment of Oxidative stress and serum ferritin concentration in benign and malignant breast tumour
19.	Clinico-biochemical corelation between psoriasis and insulin resistance - a perspective hospital based study

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Community Medicine** Year (2010 - 2013)

Sl. No.	Titel
1.	An assessment of auxiliary - nurse - midwives as the key healthy care providers at the subcentre level in darjeeling district west bengal
2.	Incidence of diarrhea among under five children : a study in rural areas of siliguri sub-division of darjeeling district, west bengal
3.	A study of overweight and obesity among adolescents of siliguri sub-division of district darjeeling, west bengal
4.	An assessment of knowledge and practice regarding universal precaution among health care functionaries in a primary & secondary level health care setting
5.	A study on the prescribing practices for diarrhoeal diseases in under & children in primary, secondary and tertiary health care levels in west bengal
6.	A study on prevalence of substance abuse in the age group 10 years and above in a rural area of west bengal
7.	A study on stress among undergraduate medical students in a government medical college of west bengal
8.	A cross sectional study on oral health among the sub population of kolkata
9.	An evaluation of integrated child development services programme in joy nagar block I dist. South 24 Prgs, west bengal
10.	A study on thalassaemia among adolescents in a tertiary care hospital kolkata
11.	A study on hiv/aids in pediatric age group upto 14 years at a tertiary level health care institution in kolkata
12.	A study on the cold chain and vaccine logistics management in the rural blocks of north 24 prgs. District of west bengal

13.	A study on feeding practice and its effect on growth on infants in the first six months of life in slums of bankura municipality
14.	A study of conventional risk factors for acuter myocardial infarction among patients admittd in bankura sammilani medical college and hospital bankura
15.	An epidemiological study on raod traffic accident cases admitted in burdwan medical college and hospital int eh state of west bengal
16.	A study on quality of life among thalasemic children admitted in butrdwan medical college and hospital weest begnal
17.	A study on some aspects of revised national tuberculosis control programme (RNTCP) in a rural block of west bengal

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MD – Dermatology** Year (2010 - 2013)

Sl. No.	Titel
1.	A study of clinicoepidemiological and risk behavious profile of patientgs attending an urgan std clinic
2.	Clinico etiological evaluation of leg ulcers
3.	A clinico-ptho-immunological evaluation of systremic lupus c\erythematosus in a tertiary referral center in Eastern India
4.	A clinico-epidemiological sstudy of Alopecia areata and tisw association with autoimmune disorders
5.	Evaluation of the role of microneedling therapy in the management of atrophic acne scars
6.	Clinico-etio-pathologic study of palmoplangaf keratoderma
7.	A study to evaluate the association of metabolic syndrome in adult patients of psoriasis : an institution based cross sectional study
8.	Clinico-demographic profile of ceryicitis in sexually active female
9.	Comparative evaluation of role of slit skin sheak and histopathology in the diagnosis of leprosy
10.	A study on grascode 2 deformaties among leprosy patients in a tertiary care institution
11.	A clinico-bacteriological study of primary bacterial dyoderma in paediatric age groiup
12.	A study on relative prevalence of STTs and different demographic parameters in an urban STI Clinic in West Bengal
13.	Nail chasnges in psoriasis : a hospital based clinicoepidemiological study

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for MD – F.S.M. Year (2010 - 2013)

Sl. No.	Titel
1.	Study of hepatic and renal pathology found incidentally in cases of unnatural death
2.	Study of Railway Fatalities Under The Jurisdiction of R.G.K.M.C & Hospital Police Morgue attached to the Dept of Forensic Medicine and Toxicology (FMT) R.G.K.M.C MEDICAL COLLEGE
3.	A medicolegal Study of Human clavicle w ¹ in special reference to age, sex and STAT URF within jurisdiction of NRS Medical College & Hospital Police Morgue
4.	Study of suicide alongwith its relation with pre menstrual stress in female subjects
5.	Determination of causes of death of brought dead cases at nrs medical college and hospital by histopathological study of brain lungs heart and kidneys exclude n ⁶ obvious unnatural causes of death
6.	A medicolegal Study of Human sternum jwith special reference to age, sex and statrue within jurisdiction of NRS Medical College & Hospital Police Morgue, Kolkata
7.	Histologicval study of uterus and ovary in cases of suicidal deaths of women in their reproductive age group within the jurisdiction of NRS Police Morgue
8.	A medicolegal analysis of death out of blunt trauma abdomen due to road traffic accident udner jurisdiction of R.G. Kar Meeical College & Hospital; Police Morgue attached to the dept. of forensic medicine and toxicology (FMT), R.G. Kar Medical College, Kolkata
9.	A study of causes of sudden death - its pathology and medicolegal significance
10.	Study on the brought dead cases brought in emergency medical college and hospital and the post mortem findings conducted at kpm to ascertain cause of dweath
11.	Study on the predisposing factors and medical examination of alleedged cases of sex offence

12.	Study of homicidal head injury cases with findings in medicolegal autopsy at kolkata police morgue kolkata
13.	Study of death in alleged dowry cases in the background of its etiology and its remedial steps
14.	Study of pattern of skeletal injury in fatal cases of road traffic accident examined at bhch police morgue from february 2011 to january 2012
15.	Medicolegal study of fatal snake - bite cases at Burdwan Medical College Police Morgue for the year 2011 ^ 2012

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MS – Gynae. & Obste.** Year (2010 - 2013)

Sl. No.	Titel
1.	A study on induction of labour vrs. Expectant management for gestational hypertension or mild preeclampsia after 36 weeks of gestation
2.	Effect of subclinical hypothyroidism on pregnancy outcome
3.	Prospective study on lactate dehydrogenase as a biochemical marker of adverse pregnancy and fetal outcome in pre-eclampsia
4.	The study of efficacy of single loading dose of magnesium sulphate to prevent seizure on severe preeclampsia and eclampsia
5.	A critical study of post caesarean cases developing pph with particular references to etiology, pathophysiology and management Urinary incontinence in post-menopausal women
6.	Study of the role of urinary calcium creatinine ratio in the prediction of pregnancy induced hypertension
7.	A study of maternal morbidity and mortality in multifetal pregnancies in a tertiary care centre
8.	Profile of obstetric patients requiring intensive care unit admission
9.	Maternal and perinatal outcome in women with threatened miscarriage a systematic review
10.	Evaluation of first trimester contingent test for down syndrome screening
11.	Comparative study of random blood sugar and glucose challenge test in pregnancy as a screening method of gestational diabetes mellitus
12.	Comparative study of effect of mifepristone(antiprogesterone) and ormeloxifene(serum) on size of uterine leiomyoma and uterine artery blood flow

13.	Serial fetal kidney growth monitoring as a parameter for determining gestational
14.	Study of correlation between serum level of ca-125 and histological expression of p53 in patients of ovarian tumours
15.	Gestational diabetes mellitus a clinical study
16.	Comparative study of the pressure profile test versus palmer's test in predicting correct intra-peritoneal placement of veress needle prior to insufflation during laparoscopic surgeries
17.	A comparative study of arm and I.V. oxytocin vs oral misoprostol for5 augmentation of labour in primigravidae women at term
18.	Fetal cerebral umbilical Doppler ration in prediction of adverse fetal outcome in patient with preeclampsia
19.	A randomised controlled trial comparing the induction of labour by foley ballon inflation to 60 ml with sublingual misoprostol
20.	A randomized controlled trial comparing parenteral normal saline with or without destrose on the course of labour in nulliparous women beyond 36 weeks
21.	Comparison of ormeloxifene and norethisterone in the treatment of dysfunctional uterine bleeding - an open label pilot study
22.	Early verses delayed oxytocin augmentation in mulliparous women with prolonged labour - a randomised comparative evaluation
23.	Thrombocytopenia in pregnancy - a clinical study
24.	Prospective study to evaluatger correlation between umbilical cord blood pH at birth and perinatal outcome in relation to mode of delivery
25.	Comparative study of efficacy of methldopa vs labetalol in the management of pregnancy induced hypertension in respect to maternal & perinatal out come
26.	A study on gestational weight gain and pregnancy outcome
27.	Oral iron preparation versus intravenous

28.	Pregnancy in teenagers : a hospital based study
29.	Colposcopic evaluation of cervical pap smear
30.	A prospective observation study on sleep disorders in pregnancy and its effect on foeto-maternal outcome
31.	Efficacy and safety of sublingual misoprostol in comparison to intramuscular oxytocin in active management of third stage of labour
32.	A study on glycated haemoglobin for diagnosis of gestational diabetes mellitus and its correlation with oral glucose tolerance test (GTT)
33.	A prospective observational study on partographic control of active phase of labour with foetal and maternal outcome
34.	A prospective observational study on low lying placenta at 18-22 weeks of pregnancy with its effect on foetomaternal outcome
35.	A comparative study of efficacy and outcome of misoprostol and surgical treatment of early pregnancy failure
36.	Efficacy and safety of rectally administered tab. Misoprostol in comparison to intravenous oxytocin infusion after cesarean delivery for preventing PPH
37.	Prospective randomized study on vaginally administered natural micronized progesterone in prevention of preterm labour in high risk women
38.	A randomized control trial regarding the study of antenatal phenobarbitone in preventing intraventricular haemorrhage and neonatal convulsions in preterm babies
39.	A comparative study between low dose oral misoprostol versus dinoprostone gel for induction of labour in premature rupture of membranes at term
40.	A study of early rupture of membranes after spontaneous onset of labour as a risk factor for cesarean delivery
41.	A prospective observational study of outcome of induction of labour in relation to pre-induction bishop score

42.	Paracervical block efficacy in conventional diagnostic hysteroscopy - a randomized controlled trial
43.	Doppler study in high risk pregnancy : an observational study
44.	Efficacy and acceptability of medical abortion with mifepristone and misoprostol in early pregnancy
45.	Loading dose of magnesium sulphate versus standard regime for prophylaxis in severe preeclampsia
46.	A comparative study on preinduction cervical ripening with transcervical foley catheter versus intracervical application of prostaglandin e2 gel
47.	A prospective evaluation of the phenomenon of placental migration in early mid-trimester low lying placenta by transvaginal sonographic assessment
48.	Study of role of letrozole versus medroxy progesterone in treatment of endometriosis-related chronic pelvic pain
49.	A prospective randomized comparative study of letrozole acetate in symptomatic relief of endometriosis
50.	Study of association of estrogen & progesterone receptors with FIGO surgical staging of endometrial carcinoma
51.	A randomized controlled trial comparing the difference in repair of episiotomy or second degree perineal tear with continuous versus interrupted suture
52.	Assessment of serum lipid profile in pre-eclamptic mothers : a case control study
53.	A randomized study comparing skin closure in caesarean section : staples vs subcuticular suture
54.	A study on etiology, diagnosis and management of dysmenorrhoea
55.	Study on the role of partogram in the outcome of spontaneous labour
56.	Evaluation of intrauterine insemination in infertility

57.	To study the efficacy and acceptability of combined contraceptive vaginal ring in Indian women'
58.	A comparative prospective study between immediate post placental insertion and post abortion insertion of copper T380A intrauterine device
59.	A comparative study between n-acetyl, cysteine and metformin in the treatment of polycystic ovarian syndrome'
60.	A study of etiological diagnosis and efficacy of syndromic management in vaginal discharge
61.	A study of serum calcium and uric acid in normal pregnancy and preeclampsia
62.	Role of trapartum transcervical amnionfusion in meconium stained amniotic fluid and neonatal outcome
63.	Feto-maternal outcome in second versus first stage cesarean delivery in a tertiary rural medical college
64.	A randomized comparative study on modified Misgav Ladach technique of cesarean section versus conventional Pfannenstiel technique of lower segment cesarean section
65.	Evaluation of perinatal outcome by antenatal CTG & umbilical artery Doppler in preeclamptic mothers
66.	Histopathological comparison of placentae in normotensive and hypertensive pregnancies and its effect on perinatal outcome : a case control study
67.	Comparative study of glyburide and insulin therapy in the treatment of gestational diabetes mellitus
68.	Comparative Study between transvaginal sonography, hysteroscopy and D&C for diagnosis evaluation of abnormal uterine bleeding in perimenopausal and postmenopausal women
69.	Effect of maternal body mass index on obstetric outcome
70.	Etiological clinical, surgical & histopathological correlation of ectopic pregnancy in a rural medical college hospital

71.	Evaluation of pelvic mass with clinical presentation sonographic assessment and operative finding correlation
72.	Comparison of two regimens of low dose magnesium sulphate for treatment of eclampsia : loading plus 24-hour maintenance does versus loading does only
73.	Correlation between maternal serum tsh level and breech presentation at term
74.	A prospective comparative study of labetalol vs methyldopa in pregnancy induced hypertension
75.	Risk factor and causes of maternal mortality in a rural teaching hospital in eastern india

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MD – General Medicine** Year (2010 - 2013)

Sl. No.	Titel
1.	A study on the association of cardiac morbidities with HIV/AIDS using non-invasive techniques
2.	Spectrum of Hepatobillary Dyfunction in dengue infectiion and comparison of the pattern of liver involvement in dengue hemorrhagic fever with classic dengue fever
3.	A Comparative study to determine the short term mortality and clinical improvement in hepatic encephalopathy using bither rifaximin and or lauctulose
4.	Study of the associaton of serum lipid profile with stroke severity on admission
5.	A study to assess prevalance of metabolic syndrome in myocardial infraction and its impact on hospital outcome in terms of mrotality
6.	A study on clinical presentation and its radiological corelation in stroke pt.
7.	An assessment of impact of levothyroxine replacement on serum lipid profile among the patients of primary hypothyroidism attending the endcoring outpatient depatment and in-patient department of a teiary care teaching institute in kolkata
8.	Study of clinical profile of snake bite victims and its relationship with acute renal failure
9.	A study of cardiac valvular manifestation in rheumatoid arthritis patients attending rheumatology opp in R.G. Kar Medical College & Hospital (Atertiary) Centre
10.	Echocardiographic assessment of left ventricular myocardial wall thickness in primary hypothyroidism with special reference to the response of therapy
11.	Study of framingham risk score body mass index and uric acid in patientgs with acute coronary syndrome attending B.S.M.C.& H

12.	A clinical study of meningitis with special reference to distribution, microbiological etiology and drug sensitivity pattern in bacterial and fungal meningitis
13.	Prevalence of hyperlipidemia and atherosclerosis in rheumatoid arthritis of 5 years duration with special reference to lipid level abnormalities and carotid intima media thickness
14.	An epidemiological and clinical profile of patients with non alcoholic fatty liver disease in a tertiary care hospital
15.	A study of clinical profile and etiological factors in stroke in age group 15-49 years
16.	Cardiovascular manifestations in AIDS
17.	Study of hyponatraemia in elderly patients admitted in a tertiary care hospital in Kolkata
18.	Study of clinical profile of nontoxic goiter with special reference to correlation of pathology, lipid profile and antibody level
19.	Clinical profile of snake bite in patients attending Bankura Sammilani Medical College and Hospital with special reference to prognostic factors of acute renal failure
20.	Observational study on the occurrence and clinical profile of left ventricular dysfunction in chronic obstructive pulmonary disease patients
21.	Study of serum vitamin D levels and insulin resistance in non diabetic obese and overweight adults
22.	Study on serum gamma glutamyl transferase (GGT) level as a risk factor in acute stroke presenting in a tertiary care hospital
23.	Study of prior exposure to aspirin and statins in elderly diabetics with first acute coronary syndrome
24.	Study of anti citrullinized protein antibody titre in newly diagnosed rheumatoid arthritis patients and its correlations with disease activity in eastern India
25.	Prevalence and magnitude of somatic peripheral neuropathy in patients of type 2 diabetes mellitus requiring insulin

26.	Study of anti citrullineted protein antibody titre in newly diagnosed preumatoid arthritis patients and igts correlations with disease activity in eastern india
27.	Study of liver dysfunction & insulin resistance in non-diabetic obese, overweight and metabolically obese-normal weight adults Clinical, biochemical, immunological, imaging and cytological study of patients with multinodular goitre
28.	Assessment of subclinical atherosclerosis by measuring carotid intima-medical thickness in patients of rheumatoid arthritis
29.	A study of ases the prevalence of QTs prolongation in cardiac autonomic neuropathy in type 2 diabetes lellitus and its correlation with HbAlc
30.	Study of diastolic dysfunction with normal ejection fraiion in diabetic population and its relationship with glycaemic status
31.	Study on cardio-metabolic status in pregmamcu diabetes
32.	Profile of patients with sepsis admitted in critical care unit
33.	A comparative clinical and biochemical study of ischemic and haemorrhagic stroke with respect to diabetes, hypertension and other additional risk factors
34.	Study of intima-media thickness of commonm carotid artery and its correlation with lipid abnormality in patients with type-2 diabetes mellitus
35.	Comorbidities associagterd with Alzhemerrr's disease among inpatients : an open lebel cross-sectional study
36.	A study in patients of cerebrovascular accident with special reference to estinmaation of serum lipid profile in determination of risk factor
37.	Study of thyroid dissorders in polycystic ovarian syndrome subjects
38.	Role of urine microscopy in acute kidney injury
39.	Accuracy of blood pressure measurement in out patient department - as open ended pilot study
40.	Hepatic Dysfunction in Dengue Patients,as evaluated by serum aminotransferase levels a hospital based cross sectional study

41.	A Clinic Based Study on the prevalence of Functional Dyspepsia
42.	A study of acute pancreatitis in viral hepatitis
43.	A study of thyroid dysfunction in systematic lupus erythematosus patients
44.	A clinical study of thrombocytopenic patients admitted in a referral teaching hospital in kolkata to determine the relative frequency of different aetiologies & their correlation with age, sex and severity
45.	Study of Association between Echocardiographic Changes in SLE and Serological Profile
46.	Study on Association between carotid artery intima media thickness and stroke with pattern of dyslipidemia
47.	Low dose pulse cyclophosphamide and methylprednisolone in the treatment of severe form of lupus nephritis and its outcome
48.	A study of comparison of glycosylated haemoglobin (HbA1C) and fasting plasma glucose to diagnose type 2 diabetes in a tertiary medical centre
49.	Study of correlation between plasma adiponectin and glycosylated haemoglobin in type II diabetes mellitus patients
50.	A clinical study of seizure disorders in geriatric patients and their correlation with other comorbidities in a teaching hospital in kolkata
51.	A comparative study of the prevalence of adult treatment panel III (ATP III) criteria of metabolic syndrome and Indian diabetes risk : score among newly diagnosed type 2 diabetes patients with special reference to gender, religion and demographic distribution
52.	A study on incidence and severity of acute renal failure and its association with parasite density in hospitalised patients with falciparum malaria
53.	Aetiological spectrum and morbidity profile in geriatric patients admitted through emergency in a tertiary care centre
54.	Epidemiologic profile, neurological manifestations, management and outcome of hyponatraemia in hospitalised patients

55.	A study on the clinical presentation and outcome of tetanus in adult with special reference to autonomic nervous system dysfunction
56.	A study on the predictors on early mortality in HIV-infected patients initiating antiretroviral therapy with special reference to metabolic abnormalities and nutritional status
57.	General differences in clinical and immunological; outcome of patients on antiretroviral therapy in a tertiary care centre in north bengal
58.	A study on NIHSS score at baseline and its subsequent changes over 1st week in acute stroke in relation to type of stroke hemispheric lateralization, various risk factors and its correlation with outcome Comparative analysis of vitamin D levels in type 2 diabetes and non-diabetics and effect of vitamin D supplementation in insulin resistance
59.	Comparative study of presence of hypogonadism in type 2 diabetes mellitus obesity and overweight male
60.	Evaluation of lipid profile and assessment of endothelial dysfunction by flow mediated vasodilatation in patients of early rheumatoid arthritis
61.	A study of the prevalence and evaluation of hand osteoarthritis in medical college and hospital
62.	Impact of socioeconomic status on blood sugar control & complication in type 2 diabetes mellitus patient
63.	Assessment of preclinical atherosclerosis by carotid intima media thickness (cimt) measurement in art naïve advanced HIV patients in medical college hospital kolkata
64.	A study of accelerated atherosclerosis in patients of systemic lupus erythematosus and its correlation with abnormal coagulation factors, markers of inflammation and lipoprotein (a)
65.	Testosterone level in male type 2 diabetics and its correlation with other cardiovascular risk factors
66.	Two dimensional echocardiographic study of left ventricular volume and functions in patients of COPD admitted in tertiary care hospital in kolkata
67.	A study on response of tenofovir in chronic active hepatitis B infection in eastern india

68.	Correlation of serum uric acid with disease activity and c-reactive protein in patients suffering from rheumatoid arthritis
69.	A non interventional study for the epidemiological and scientific evaluation on patients with non small cell lung cancer (NSCLC) from eastern india with special reference to epidermal growth factor receptor (EGFR) mutation analysis
70.	Changes in lipid profile in chronic liver disease
71.	Assessment of lipid profile in newly diagnosed hypothyroid patients
72.	Assessment of endothelial dysfunction in systemic lupus erythematosus patients and its interrelationship with common inflammatory and immunological markers
73.	Assessment of peripheral arterial disease by ankle-brachial pressure index by oscillometric method 10 patients of type-2 diabetes mellitus
74.	Prevalence of peripheral vascular disease in systemic lupus patients : an indian perspective
75.	Assessment of Bone mineral density by dxa scan in women with type 2 diabetes mellitus
76.	Assessment of vitamin D level in cerebrovascular accident
77.	Assessment of mitral valve area by 3D echo and its correlation with conventional 2D planimetry & doppler method in patients with mitral stenosis
78.	Study on cardiological dysfunction in non-alcoholic fatty liver disease
79.	A study of clinico-epidemiological profile of haemophilia a & b in a tertiary care hospital in west bengal india
80.	A comparative study of glucose intolerance and thyroid dysfunction among hiv-affected people with or without anti-retroviral therapy attending medical college kolkata
81.	Prevalence of fibromyalgia in newly diagnosed patients of systemic lupus erythematosus - an eye towards disease activity and underlying factors
82.	Study on the glycemic profile of elderly stroke patients in a tertiary care hospital with special reference to the correlation between hyperglycemia and outcome of stroke

83.	Study of risk factors of non-cardio embolic stroke in tribal population of western part of west bengal
84.	A study of the pulmonary manifestations in hiv/aids patients in medical college, kolkata
85.	Impact of prehypertension on common carotid artery intima media thickness & left ventricular mass
86.	A study of endothelial dysfunction in patients with diabetes mellitus with special reference to the flow mediated dilatation of the brachial artery
87.	A study of atherosclerosis in patients with acute ischaemic stroke with special reference to carotid artery intima - media thickness
89.	A study to find out the association of plasma concentration of c-reactive protein and fibrinogen with ischaemic stroke Clinico-biochemical study of hypogonadism in male diabetic patients
90.	A study of in-hospital mortality in patient with impaired fasting glucose and acute myocardial infarction

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MS – General Surgery** Year (2010 - 2013)

Sl. No.	Titel
1.	Prospective study of internal sphincterotomy for anal fissure under local anesthesia as a day care basis
2.	A comparative study of early versus delayed surgery for acute cholecystitis : a prospective randomised controlled study
3.	Study of pancreatic duct system diversity in different pancreatic diseases
4.	A comparative study of effectiveness of rubber band ligation and suture ligation under vision as a treatment modality in grade II haemorrhoids
5.	Clinicopathological study of breast abscess with special reference to treatment by sonographically guided percutaneous needle aspiration
6.	Clinical presentation and surgical management in chronic pancreatitis
7.	Correlation between clinical features and magnetic resonance imaging parameters in low back pain
8.	A prospective study of preoperative risk factors for predicting difficult laparoscopic cholecystectomy
9.	Diagnostic reliability of alvarado scoring and sonography of abdomen in acute appendicitis - a prospective study
10.	A study to evaluate the efficacy of heparin in management of burns
11.	Comparative study of veress needle and open port laparoscopic access
12.	A study of surgical outcome of segment III cholangiojejunostomy in unresectable hilar obstruction
13.	A study of clinicopathological profile of gastric malignancies with special reference to the operative management and post operative complications
14.	Comparative study of two ports versus three ports in laparoscopic appendectomy

15.	Study of bisap score as a predictor of mortality in acute pancreatitis
16.	A comparative clinical study on darnning combined with relaxation incision versus mesh repair for inguinal hernia in elective setting
17.	To evaluate incidence of lower urinary tract obstruction in patients of bilateral inguinal hernia
18.	Prospective prediction of difficult laparoscopic cholecystectomy using clinical, biochemical & ultrasonographic parameters
19.	Incidental gallbladder carcinoma in patients undergoing cholecystectomy for cholelithiasis - as observational descriptive study
20.	Amoebis liver abscess : a clinicopathological study with special reference to its clinical diagnostic and therapeutic aspects
21.	Evaluation of clinical course, progress & outcome of fournier's gangrene & it's microbiological assessment : a prospective sutdy
22.	Evaluation of outcome of laparoscopic totally extraperitoneal repair of inguinal hernia with special reference to comparision of result between fixation and non fixation of mesh
23.	Etiology of liver abscess in tropical country and comparative study among different ways of its management'
24.	Study of aetiology and surgical management of jejunal and ileal perforations
25.	Critical appraisal of risk factors of colorectal carcinoma in patients attending a tertiary teaching institute of eastern region of india
26.	Evaluation ripsasa score compared to alvarado score in the diagnosis of acute appendicitis
27.	A comparative trial of three treatment mobalities in management of mastalgia : nsaid gel (topical diclofenac gel), danazol and centchroman
28.	Prospective clinical study and management of traumatic intra abdominal injuries

29.	Clinicopathological study of lower rectal cancer with special reference to the role of computed tomography and transrectal ultrasonography in pre-operative
30.	Clinical study of surgical jaundice with special reference to age, sex and Aetiology
31.	Prevalence of the positive patients in surgical patients in a tertiary hospital
32.	A prospective study of different operative options in colorectal trauma and their morbidity
33.	A prospective & observational clinical study to evaluate the safety & efficacy of open wet dressing against traditional dry dressing in our climatic condition
34.	Clinicopathological study of abdominal lumps with special reference to CT guided FNAC and treatment modalities
35.	Comparative study of skin closure with adhesive skin glue, staples and conventional suture materials for skin incisions in clean elective surgeries with respect to efficacy, cosmesis and cost effectiveness - a prospective randomised study
36.	Comparison between pancreaticogastrostomy and pancreaticojejunostomy as means of ductal decompression in chronic pancreatitis
37.	Role of laparoscopy in cases of post appendicectomy pelvic abscess
38.	Role of modified Alvarado score for diagnosis and decision making for operating intervention among acute appendicitis patients in adult
39.	Comparison between subcuticular skin closure and transdermal interrupted skin closure in laparotomy wounds
40.	Prevention of gall bladder carcinoma among the patients of chronic cholecystitis with cholelithiasis undergoing cholecystectomy
41.	Efficacy of minimally invasive treatment of breast abscess
42.	A comparative study of interval cholecystectomy and early cholecystectomy by laparoscopic technique in acute calculous cholecystitis

43.	Prospective study on delayed shoulder exercise in reducing seroma frequency after modified radical mastectomy
44.	A study on incidence of non-malignant gall bladder diseases among patients with diabetes mellitus & standardising protocols of management'
45.	Clinicopathological study of necrotising fasciitis with special reference to perineal and peroscrotal disease
46.	Evaluation of complications in patients undergoing total thyroidectomy
47.	A study of complications of temporary ileostomies in cases of acute abdomen with ileal perforation and ileal obstruction
48.	Clinicopathological study of cholecyst carcinoma and different type of reconstructive procedure in its treatment
49.	A study on the correlation of the clinicopathological findings in breast carcinoma and Nottingham prognostic index with pre-operative intratumoral blood flow pattern assessed by colour doppler ultrasoundography
50.	A prospective study to compare the post operative complications following open mesh repair of ventral abdominal hernias versus laparoscopic technique
51.	A comparison of lateral anal sphincterotomy nitroglycerin ointment and lidocaine ointment for the treatment of chronic anal fissure
52.	Clinicopathological study of obstructive jaundice with reference to use of MRCP and definitive operative findings]
53.	Outcome of patients having spillage of bile and/or gall stone during laparoscopic cholecystectomy
54.	Role of subcutaneous closed suction vacuum drain in preventing surgical site infection in emergency surgery for perforative peritonitis
55.	Clinicopathological studies of acute large bowel obstruction with particular reference to different operative strategies
56.	A randomized clinical trial of diathermy vs scalpel skin incision in general surgery

57.	A comparative study between polydioxanone and polypropylene suture in abdominal wound closure in emergency median laparotomy
58.	Review of clinical patho-biochemical and radiological parameters in preoperative diagnosis of nonperforative and perforative acute appendicitis
59.	A study of liver abscesses with special reference to interventional therapy
60.	Comparative study of lateral internal sphincterotomy versus local 2% diltiazem ointment for the treatment of chronic anal fissure
61.	A study to assist port site complications in laparoscopic surgery
62.	Clinicopathological study to evaluate diagnostic accuracy and cost analysis of c-reactive protein and leucocyte-count in operated cases of suspected acute appendicitis in a rural population
63.	Application of topical ointments in clean surgical wounds - a prospective randomized comparative study
64.	Clinicopathological study of breast lump in a rural medical college
65.	a STUDY OF THE FACTORS RELATED TO ABDOMINAL WOUND DEHISCENCE
66.	Different presentations of hepatic hydatids and their management
67.	Prospective comparative study of laparoscopic cholecystectomy (lc) in acute cholecystitis (ac) versus chronic cholecystitis (cc)
68.	Study on the role of ca-15-3 as a marker for occult metastasis and prognosis in breast carcinoma
69.	Clinical, radiological and pathological correlation of solitary thyroid nodule
70.	The study of oncological breast surgery
71.	Prospective observational study of factors leading to conversion in laparoscopic cholecystectomies
72.	Spectrum of parathyroid in primary hyperparathyroidism in a tertiary care hospital in Kolkata - a retrospective and prospective study

73.	Clinical nutritional and histopathological study in carcinoma gall bladder
74.	Comparative study between early appendicetomy vs. interval appendicetomy in appendicular lump
75.	Evaluation of cases of obstructive jaundice correlating clinical profile, investigations and operative findings A comparative study of results of mesh repair and draining in primary inguinal hernia
76.	Role of diagnostic laparoscopy in evaluation of intraabdominal malignancies - a prospective study
77.	A comparative study of two-port versus three-port technique of laparoscopic appendicetomy
78.	Comparative evaluation of veress needle and direct trocar entry in closed access technique in laparoscopic surgery Prospective comparative study to evaluate short term outcome after open inguinal hernia repair with heavy weight vs low weight prolene mesh with reference to collagen content of the respective tissue
79.	Prospective comparative study to evaluate short term outcome after open inguinal hernia repair with heavy weight vs low weight prolene mesh with reference to collagen content of the respective tissue
80.	A comparative study between mass closure versus conventional layered closure of abdominal wounds with midline and paramedian incisions
81.	Prospective Comparative study between darned and lichten stein tension free mesh repair in inguinal hernia operation in rural based teaching hospital
82.	Evaluation of post operative abdominal wound dehiscence both in emergency and elective abdominal surgery in a rural based teaching hospital
83.	Clinicopathological study of acute abdomen with special reference to diagnostic accuracy of available imaging techniques in acute abdomen in a rural based teaching hospital
84.	Clinicopathological study of obstructive jaundice with reference to USG MRCP and definitive operative findings

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Microbiology** Year (2010 - 2013)

Sl. No.	Titel
1.	Etiology of bacterial vaginosis in non-pregnant women between 15-50 eyars of age and antimicrobial sensitivity pattern- a study ina tertiary care hospital in kolkata
2.	Study of co=relation between polymorphism of tnf a308 and il-6174 and incidence of pheumatic heart disease
3.	A study on prevalence of infections caused by nmetallo beta lactamase (mbl) producing gram negative bacteria in a tertiary care hospital at kolkata
4.	A study on prevalenxce of chikungunya virus infection among the population of kolkata and its suburbs
5.	Studies on prevalence of different intestinal helminthic infection among tribals in a tribal village located at 24 parganas (south) district
6.	Prevalence of esbl producing ecoli with molecolar correlation ina gtertiary care hospital in kolkata
7.	Clinical & mycological correlation of meningitis cases in hiv aids with reference to cryptococcus neoformjans
8.	Prevalence of different malassezia species in pityriasis versicolor : a study on patients attendibng a tertiary care hospital in kolkata
9.	Study on pulmonary mycbacterial infections in hiv infected patients in a tertiary care centre
10.	Study on some infectious aetiologies of fever of elss than 2 weeks duration in under 12 years children causing significant morbidity & mortality in a tgeritary care centre
11.	The study of bacterial piopulation in air samples in a tertiary care hospital - sskm hospital, Kolkata

12.	Th1 and Th2 cytokine and no burst reponse of peripheral blood macrophages-lymphocyto cc-culture on challenge with bogt and mftuberculosis h37 rv in pulmonary tuberculosis patients
13.	One year clinicomicrobiological study in a general intensive care unit of an afical institution]
14.	A sudy on generation time of sensitive and resistqnt mycobacterium tuberculosis isolates
15.	A study on carriage of pathogenic micro-orgasnisms in throat among children having recurent respiratory tract infection in a tertiary care medical college and hospigtal
16.	A study on opportunistic fungal infection in human immunodeficiency virus infecterd patients attending ja tertiary care hospital and its corroboration with cd4 cell count
17.	A study on seroprevalence of japanese encephaligtis among acute encephalitis syndrome cases attending a tertiary care hospital of west bengal
18.	A study on prevalence of metallobetaactamase producing pseudomonas aeruginosa isola gted from the patients attending burdwan medical college & hospital

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MS - Ophthalmology** Year (2010 - 2013)

Sl. No.	Titel
1.	A study on ocular manifestations in patients undergoing haemodialysis
2.	Comparative analysis of endothelial cell count and corneal thickness following surgery in conventional 3.2 mm phacoemulsification versus coaxial 2.2 mm microincision phacoemulsification
3.	A study between changes in symptom score (by Macmonnies questionnaire) and oculotheimographic imaging in patients with severe dry eye before and after pharmacological intervention with human cord blood serum eyedrop'
4.	Evaluation of association of central corneal thickness with diabetes mellitus
5.	Therapeutic study on comparison of topical natamycin and topical voriconazole in the treatment of fungal corneal ulcer
6.	Role of frequency doubling perimetry (Humphrey FDT) and assessment of retinal nerve fiber layer thickness using scanning laser polarimetry (GDx VCC) in the early diagnosis of diabetic retinopathy
7.	A prospective randomized comparison of efficacy of intravitreal triamcinolone acetonide followed by laser photocoagulation vs intravitreal bevacizumab followed by laser photocoagulation in diabetic macular edema'
8.	A clinical study to correlate dissociated vertical deviation with age of onset of intermittent exotropia
9.	Epidemiological and microbiological profile of suppurative keratitis in a tertiary eye care centre
10.	Prospective study of anterior chamber angle measurement by angle opening distance (AOD) finding in the development of angle closure
11.	Comparative analysis of biometric parameters in conventional biometry versus optical biometry using IOL Master
12.	Comparative evaluation of post-operative contrast sensitivity in aberration free foldable hydrophilic intra-ocular lenses and conventional foldable hydrophilic intra-ocular lenses

13.	Ocular manifestations of thalassemia patients with repeated blood transfusion and after long term (i.e. six months or more) use of chelating agents
14.	The assessment of ocular surface among the staffs of the radiology departments
15.	Correlation of primary open-angle glaucoma (POAG) with blood group of the patient and the treatment outcome in patients attending to the ophthalmology department of a tertiary health-care institute in west bengal
16.	To determine the incidence of retinopathy of prematurity in children born with birth weight < 2000 gms and gestational age < 35 weeks in a peripheral medical college and hospital in west bengal

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
Research Proposal for **MS - Opthopaedics** Year (2010 - 2013)

Sl. No.	Titel
1.	Study of the anatomy of thoracic pedicle & its clinical significance in pedicular screw fixation
2.	Use of platelet rich plasma with autologous bone marrow for treatment of non union and delayed union of long bones
3.	Evaluation of results of the use of limb reconstruction system in open fractures of long bones with bone loss
4.	A prospective & retrospective study of outcome of vertebroplasty in osteoporotic vertebral body compression fractures
5.	Evaluation of outcome of open reduction and internal fixation for closed displaced articular fractures of calcaneum in adults
6.	Comparison of results of proximal femoral locking, compression plating with dynamic hip screw with sliding plate in trochanteric fractures of femur
7.	A comparative study & analysis of results of different modes of internal fixation of distal femoral fractures in adults
8.	Comparison of results in cases of fracture both bone of lower limb treated with tibial inter locking nail with and without stabilisation of the fibula
9.	Retrospective and prospective observational study between functional cast bracing compression plating in diaphyseal humerus fracture
10.	A comparative study of evaluation of results of tension band wiring and olecranon screw fixation in a case of olecranon fracture
11.	Study of modified bryetchev procedure for treatment of recurrent anterior dislocation of shoulder
12.	Comparative study of management between conservative versus operative in fracture clavicle
13.	Short term evaluation of internal fixation with valgus osteotomy in displaced intra capsular fracture neck of femur

14.	Result analysis of arthroscopic assisted internal fixation of tibial plateau fractures
15.	Anthropometric study of head & neck of femur of eastern india population and its clinical implication in the fixation of intra and extra capsular fracture of neck femur
16.	Comparative study of results of internal fixation by multiple cannulated cancellous screws versus dynamic hip screw with antirotation screw in fracture neck of femur
17.	An outcome analysis of fractures in patients attending a tertiary care hospital
18.	A study on age sex and region wise distribution of skeletal tuberculosis and its burden along the patients admitted in the department of orthopaedics in north bengal medical college and hospital
19.	Effectiveness of distal humerus fracture fixation by paratrapezoid posterior approach
20.	Placement of screws minimizing soft tissue injury during medial malleolar fracture fixation, based on cadaveric study in Indian population and its outcome
21.	Morphometric study on lumbar pedicles in adult indian population and its clinical implication
22.	Epidemiology of pelvis-acetabular fracture and its treatment modalities in medical College kolkata
23.	Result analysis of internal fixation of clavicular fracture in adults
24.	Comparison of results of primary hemiarthroplasty and dynamic hip screw fixation for unstable trochanteric fractures in the elderly
25.	Comparative study between ponseti technique and traditional method in the initial conservative management of congenital talipes equinovarus (CTEV)
26.	Short term study of total hip replacement (THR) with indigenous ceramic on C with hydroxy apatite coated stem
27.	A hospital based study of non-osteoskeletal tuberculosis of limbs
28.	Functional outcome of operative management of open hand injuries involving bones

29.	Prospective comparative study of the functional outcome of treatment of closed, isolated diaphyseal tibial fracture in adult by conservative treatment versus closed intra-medullary tibial nailing in Indian scenario
30.	Comparative study of the outcome of treatment of transverse diaphyseal fractures of femur by non-operative methods and internal fixation with titanium elastic nail in children aged 6-14 years
31.	Prospective comparative studies of operative treatment of mid-shaft fracture of humerus by locking plate versus intramedullary interlocking nail
32.	Correlation between clinical magnetic resonance and intraoperative findings in lumbar disc prolapse

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MS – Otorhinolaryngology(ENT)** Year (2010 - 2013)

Sl. No.	Titel
1.	Relook on mastoid cavity obliteration - a prospective study
2.	Laryngeal framework surgery for correction of paralytic dysphonia and voice pitch disorder - a clinical cum surgical study
3.	A comparative swtudy of outcome of ossiculoplasty using cartilage graft, bone and different alloplasts in chronically discharging ear
4.	A study comparing open surgical tracheostomy with edoscopically guided percutaneous tracheostomy
5.	Comparative study of success rate of endoscopic dacryocystorhinostomy with and without silicone stent
6.	A comparative study of two different techniques of reconstruction of middle ear hearing mechanism
7.	Role of stenting in endoscopic dacryocystorhinostomy with adjunctive use of 5-fluorouracil in randomized control ttrial
8.	Evaluation of the role of laryngopharyngeal reflux on dysphonia
9.	A clinicopathological study of non neoplastic benign mucosal lesions of the vocal cord causing hoarseness of voice
10.	A study of aetiological profile of unilateral sensorineural hearing loss
11.	Clinicopathological evaluation and managementof cases of augmentation phinoplasty
12.	Assessment of diagnostic apprach to `idiopathic sudden sensory neural deafness (issnd) and their influence on treatment and outcome
13.	A comparative study between a closed and open technique of augmentation rhinoplasty and tip plasty
14.	Vocal cord nodules - a comparative study of surgical treatment versus non=-surgical treatment

15.	Study of status of ossicular chain in active squamous variety of chronic otitis media
16.	Clinicofdiological assessment of polypoidal nasal mass and their corelation with histopathological examination
17.	Clinicoradiological assessment of nasal olypoidal mass and their correlation with histopathological examination
18	Role of nasal endoscopy in evaluation of active eipstasls patientw and their management

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for MD – Paediatrics Year (2010 - 2013)

Sl. No.	Titel
1.	Lung function parameters among healthy children aged 10-15 years in urban areas of Kolkata
2.	Approval of a study on assessment of musculoskeletal pains in children by visual analog scale in Siliguri North Bengal
3.	Approval of a study of epidemiological survey of musculoskeletal abnormalities in children using gait, arm, leg, spine screening method in North Bengal
4.	A study of clinical profile and outcome of pleural effusion in children in a tertiary care hospital
5.	Haemoglobin, platelets, eosinophils, and their relationship to the severity of the disease
6.	Study of urinary tract infections in febrile children less than five years of age in relation to the incidence and aetiological profiles
7.	Study of common hematological parameters in relation to clinical and immunological staging in HIV infected children
8.	A study on the neonatal outcome of adolescent pregnancy - a tertiary care hospital based study
9.	A study on the anthropometric parameters of adolescents and its relationship with blood pressure and body mass index
10.	Impact of physical activity on adolescent physical health, high risk behaviour and academic performance - a school based study A study on cord blood lipid profile and atherogenic indices in newborn and their relation with gestational age and birth weight in a tertiary care hospital in West Bengal
11.	A study on febrile neutropenia in paediatric patients with hematological malignancies with special reference to response to empirical antibiotic therapy
12.	Craniofacial growth patterns of Indian neonates from 30-42 weeks of gestational age

13.	Assessment of cord blood ischemia modified albumin (IMA) level in neonates with or without asphyxia
14.	A randomized controlled trial on fluid supplementation in term neonates with severe hyperbilirubinemia
15.	Maternal anaemia and its effects on fetal outcome
16.	Neonatal sepsis : a clinico-bacteriological study
17.	Renal parameters in transfused de[em]dant b-thalassemia major on relation therapy with deferasirox
18.	Evaluation of lipid profile and lipoprotein-A in children with thalassemia and their correlation with serum ferritin level
19.	Effect of low-cost white reflecting curtains on efficacy of phototherapy for treatment of neonatal jaundice
20.	Clinical profile etiology and short-term outcome of convulsive status epilepticus in children Antioxidant profile and lipid degradation product as a marker of oxidative stress in preterm neonates in relation to their clinical course
21.	Urinary tract infection in childhood nephrotic syndrome
22.	Retinopathy of prematurity in preterm low birth weight neonate and its association with oxygen therapy
23.	An observational study to assess the significance of hemoglobin a1c level in blood in children with bronchial asthma using low dose inhaled corticosteroids
24.	Study of preductal and postductal oxygen saturations in preterm infants immediately after birth
25.	Behaviour profile and associated psychosocial factors in children with thalassemia and nephrotic syndrome - a comparative study
26.	Role of ferritin as an inflammatory marker
27.	Glycosylated hemoglobin (hba1c) level in children of bronchial asthma using low dose inhaled corticosteroid

28.	Study on neonatal jaundice with special reference to glucose -6-phosphate dehydrogenase deficiency
29.	Study on the role of yellow alert card and stool colour chart in screening and early diagnosis of neonatal cholestrasis syndrome with special reference to biliary atresia
30.	Clinico-pathologic, microbiologic and biochemical profile of nephrotic syndrome in children with special emphasis on coexisting urinary tract infection
31.	Study on correlation between clinical findings, sepsis screening and blood culture in neonatal sepsis
32.	Intranaal Midazolam versus per-rectal diazepam in management of acute childhood seizure - a comparative study
33.	A study of cerebrospinal fluid in patient aged 3 months to 18 months, admitted with febrile seizure in paediatrics ward
34.	Comparative study of changes in lipid profile in initial episode and in relapse cases of nephrotic syndrome
35.	Comparative study of changes in lipid profile in initial episode and in relapse cases of nephrotic syndrome
36.	a STUDY ON RADIOLOGICAL SKELETAL CHANGES IN RELATION TO IRON OVERLOAD IN THALASEMIA IN CHILDREN
37.	A study on the occurrence of phototherapy induced hypocalcemia in neonates admitted in the nursery of a tertiary care hospital in west bengal
38.	Study of size of liver, spleen and portal vein diameter by ultrasonography in healthy children in burdwan district

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Pathology** Year (2010 - 2013)

Sl. No.	Titel
1.	Expression of heat shock protein-27 and its importance in prognostication of breast carcinoma patients
2.	Study of correlation of imprint cytology and histopathology of ovarian neoplasm with special reference to ca-125 immunohistochemistry marker in serum in imprint cytology and in histopathology
3.	A study of spectrum of renal tumours in adults with special reference to correlation between nuclear grading and ki proliferative index
4.	Evaluation of turbt specimens in suspected cases of urothelial carcinoma with desmin immunostaining for superficial invasion and correlation with tp53 expression
5.	Significance of p53 expression in ovarian tumors and its correlation to the morphological differentiation
6.	A clinicopathological correlation of gastric malignancy in endoscopic biopsy
7.	Cytological study of effect of ONCOTHERAPY ON LYMPHOMA WITH SPECIAL REFERENCE TO MORPHOMETRY AND PROLIFERATIVE ACTIVITY
8.	Cytological study of effect of oncotherapy on BREAST CARCINOMA with special reference to morphometry and proliferative activity
9.	A cross-sectional study of clinical profiles and spectrum of aetiologies of pancytopenia
10.	Correlation of imprint smear with histology in neoplastic lesions of lymphnodes
11.	Clinico-pathological spectrum of mediastinal - a cross-sectional study
12.	Study of pattern of mucin stain in pancreatic lesions
13.	Changes in kidney in cases of burn an autopsy study
14.	Different types of metaplastic changes and presence helicobacter pylori in gallbladder tissue of patients with chronic cholecystitis

15.	A study to find out the correlation of number of mast cells in various lesions of prostatic tissues - an autopsy study
16.	A study of histological features and expression on EGFR and p53 in recurrent gliomas
17.	A study of calretinin immunohistochemistry in the diagnosis of hirschsprung;s disease
18.	Effect of iron deficiency anaemia and its treatment on cell mediated and humoral immunity
19.	Coagulation profile study in patients of coronary artery bypass grafting surgery - pre and post operative scenario
20.	Fine needle aspiration cytology and histopathology of salivary gland neoplasm : a correlative study in an urban teaching hospital
21.	Papable breast lumps: fine-needle aspiration cytology versus histopathology : a correlation of diagnostic accuracy
22.	A study of lymphoid neoplasms and associated autoantibody expression
23.	Study of haematological parameters and acute phase reactants in early and late onset neonatal sepsis
24.	Diagnostic utility of combined p63 and a-methylacyl-coa-racemase(amacr/p504s) immunohistochemistry in the evaluation of benign, malignant and equivocal leisons of prostate
25.	A clinicco-histopathological study of gall bladder diseases
26.	A study of pathological lesions of thyroid from autopsy cases
27.	Diagnostic algorithm in a case of salivary gland lesions with emphasis on FNAC Aas a diagnostic tool
28.	Comparative study of histopathological changes of placenta in pregnancies complicated with dabetes mellitus vrs. Normal pregnancywith references of foetal outcomes
29.	Diagnostic efficacy of combined fluid cytology and pleural biopsy in suspected
30.	Assessment of metaplasia and precursor lesions of gall bladder carcinoma in routine histopathological samples and association with cholelithiasis

31.	Clinico pathological study on cervical lymphadenopathy with special reference to fine needle aspiration cytology corroborated with histological examination in an apex hospital in eastern India
32.	Expression of CDX2 and K167 in different grades of colorectal adenocarcinoma and its draining lymph nodes
33.	A histopathological study of upper GI endoscopic biopsy specimens in relation to endoscopic findings in north Bengal population
34.	A clinicopathological study on colorectal endoscopic biopsy in population of north Bengal
35.	A clinicopathological study of pre and post menopausal breast cancer patients in north Bengal population and their correlation with estrogen and progesterone receptor status
36.	Study of haemoglobin variants in antenatal mothers attending a tertiary care hospital in north Bengal using HPLC Cb thalassemia short program
37.	Study on thyroid profile & anti-TPO antibody estimation in cytologically diagnosed cases of thyroiditis in north Bengal population
38.	A clinicopathological study of erythroderma in north Bengal population
39.	A comparative study of serous fluid cytology and cell block preparation and implications of heterogeneity in leucocyte population in serous effusions
40.	A morphological study of endometrial biopsy in our patients and their correlation with estrogen and progesterone receptors in north Bengal population
41.	Mucin expression, serum levels of carcinoembryonic antigen (CEA) and carbohydrate antigen 125 (CA-125) in the diagnosis and formulation of therapeutic regimen in colon carcinoma
42.	Comparative study on cord blood hemogram & serum iron, ferritin & TIBC of >28wks, >32wks >36wks gestation with respect to primi, multi gravida & Apgar score
43.	Study on salivary gland lesions on fine needle aspiration cytology and its corroboration with imprint cytology and histopathology

44.	Study for corelation between expression of blood group antigens and different malignancies
45.	Study of histo[pathological types and grades er/prher 2 neu expression and diagnostic yield of trucut biopsy compred to fine needle aspiration cytology in carcinoma brest
46.	Study of expression of mucins in benigh and malignant gastric lesions with special reference to h. pyulori'
47	Study of thyroid swellings on fine nedle aspiration cytology and igts corroboration with frozen section biopsy and histopathology
48.	Prevalence of hiv and hcv infection among transfusion dependwent thalass emics attending thalassemia clinic of bankura sammilani medical college
49.	Prevalence of b-thalassamia traits among the tribal and non-tribal antenatal mothers attending bankura samilani medical college & hospital as determined by hplc study and assessment of body iron status among carriers by serum ferritin assay
50.	Histopathological study of breast cancer with particular reference to estrogen receptor progesterone receptor and he 2 neu experession
51.	Cytological assessment of breast malignancies with evaluation of estrogen (er) and progesterone receptor (pr) statis
52.	Expression of VEGF-C ubcarcubina if breast with metastasis of a siliary lymph node & its correlation with her-2neu & estrogen/progesterone receptor
53.	Eva,ation of estrogen receptors progesterone receptors and her-znew expression and its comparison with clinicopathological features in breast cancer patients from rural population around burdwan
54.	Studdy of histopathological changes in kidney lever and lung in fatal cases of pesticide poisoning
55.	A study on assessment of valildity of dislorophenolindophenol test in screening e thalassemia in burdwaqn medical collegte
56.	A study on the pattern of soft tissue tumors in context of clinical profile, cytological findings and histological features
57.	Study of hematological changes in ;patients with chronic renal failure undergoign hemodialysis (pre & past)

58.	A study on neonatal sepsis with reference to clinical profile, hematological scoring and other laboratory parameters
59.	A study on correlation between histopathology of different ovarian tumors with their blood ca 125 levels

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal for **MD – Pharmacology** Year (2010 - 2013)

Sl. No.	Titel
1.	A comparative study of efficacy of nepafenac and prednisolone eye drops follow cataract surgery
2.	Drug Utilisation study in patients of acute coronary syndrome on follow up visits at a tertiary care centre in Kolkata
3.	Drug Utilisation study in elderly type 2 diabetes mellitus, attending diabetic clinic in a tertiary health care centre
4.	Assessment of efficacy & safety of desvenlafaxine versus escitalopram in the major depressive disorder with symptoms of anxiety : a randomized controlled trial
5.	Reactive oxygen species (ROS) as a potential biomarker of oxidative stress in diabetes mellitus
6.	Heparin in total parenteral nutrition to prevent sepsis in neonates with long ileus : a randomized controlled trial
7.	Antianginal efficacy ranolazine in patients with chronic stable angina preceiving beta blocker therapy : a 3-month randomized placebo controlled trial
8.	Randomized controlled study of the effectiveness of lafutidine versus pantoprazole for uninvestigated dyspepsia
9.	Flupirtine versus tramadol in knee osteoarthritis : a randomized controlled trial
10.	A study to evaluate the antihypertensive effects of ramipril vs. losartan in patients with uncomplicated stage-1 hypertension
11.	Drug utilization study in a pediatric inpatient ward of a tertiary care hospital
12.	Assessment of blood magnesium levels and its outcome in neonates of eclamptic mothers treated with low dose magnesium sulphate regimen
13.	A randomised controlled trial comparing the efficacy and safety of olmesartan and lisinopril in their patients with complicated type 2 diabetes

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – PMR** Year (2010 - 2013)

Sl. No.	Titel
1.	Demographic and clinical profile of patients presenting with impingement syndrome of the shoulder joint
2.	A comparative study on effectiveness of intra-articular injection of high molecular weight hyaluronate, intra-articular injection of steroid and intra-articular injection of high molecular weight hyaluronate plus steroid in osteoarthritis knee
3.	Effect of ultra sound therapy with oral calcium and calcitriol in reducing pain and improving hand functions in patients with rheumatoid arthritis
4.	A comparative study on the use of Lateral Heel Wedge and Lateral Wedge Insole in the treatment of medial compartment osteoarthritis of knee with varus deformity

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Physiology** Year (2010 - 2013)

Sl. No.	Titel
1.	A study to investigate the association of serum uric acid level with renal function in non-diabetic hypertensive subjects
2.	A study of RBC indices and haemoglobin variants among non-anaemic volunteers attending thalassaemia control unit of north bengal medical college
3.	A study of asymptomatic childhood hypertension with its relation to childhood obesity for school children in 5-15 years age group
4.	A study to investigate the correlation between serum lipids and sonological grading of non alcoholic fatty liver disease
5.	Study on thyroid hormone status in male non diabetic, non alcoholic fatty liver disease patients
6.	Study of thyroid function abnormalities in diabetes mellitus
7.	A study to evaluate the impact of prediabetic state on the severity of acute myocardial infarction
8.	Study of cardiovascular autonomic dysfunction in diabetic patients
9.	Study of pulmonary function tests in patients of rheumatoid arthritis and to establish correlation between pulmonary function with disease activity of rheumatoid arthritis in eastern india
10.	Study of aerobic fitness in relation to anthropometric measurements in medical students of kolkata
11.	Peripheral motor and sensory nerve conduction studies in normal infants and children in eastern india
12.	Assessment of effects of exercise on pulmonary function tests in relation to gender & obesity
13.	a STUDY TO EVALUATE THE CORRELATION BETWEEN NEUROELECTRO PHYSIOLOGICAL AND CLINICAL PARAMETERS IN ADULTS WITH CARPAL TUNNERS SYNDROME IN EASTERN INDIA BEFORE AND AFTER TREATMENT WITH LOCAL INJECTION OF METHYLPREDNISOLONE

14.	Study of lung function parameters among children of home based bidi workers in rural areas of west bengal
15.	A comparative study of nerve conduction in euthyroid and hypothyroid subjects
16.	A study of effects of exercise with cycle ergometer on cardio-respiratory parameters of Male undergraduate medical students
17.	A study on cardiovascular parameters and lipid profile in athlete and nonathlete about males
18.	Evaluation of heart rate variability during deep breathing in newly diagnosed (uncommunicated) hypertensive subjects against matched normal controls

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Psychiatry** Year (2010 - 2013)

Sl. No.	Titel
1.	Prevalence of attempted suicide among major depressive disorder and bipolar affective disorder patients in a medical college and hospital set up - a comparative study
2.	Prevalence of impaired glucose tolerance in major depressive disorder patients attending a tertiary care hospital
3.	A study of effect of antenatal depression on birth weight of babies
4.	Prevalence of subclinical hypothyroidism in major depressive disorder patients attending opd in a tertiary care hospital
5.	Prevalence of psychiatric morbidity in traumatic brain injury subjects and influence of such morbidity on influencing quality of life
6.	A study of coping skills, perceived stress and psychiatric morbidity among the caregivers of mentally retarded children
7.	Assessment of prevalence of metabolic syndrome in patients with schizophrenia
8.	The magnitude of cognitive impairment and depression in elderly in psychiatry outpatients
9.	Assessment of psychopathology in patients presenting with chronic itch at medical; college and hospital Calcutta
10.	A study to evaluate sexual dysfunction and quality of life in major depressive disorder and obsessive compulsive disorder
11.	a STUDY TO EVALUATE SEXUAL DYSFUNCTION, MAJOR DEPRESSIVE DISORDER AND QUALITY OF LIFE IN PATIENTS WITH DIABETES MELLITUS

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
 DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
 Research Proposal' for **MD – Radiodiagnosis** Year (2010 - 2013)

Sl. No.	Titel
1.	Clinico-radiological (MRI) evaluation of ring lesions in brain
2.	Role of ultrasound and ultrasound guided core needle biopsy in the evaluation of breast lesions
3.	MRI in demyelinating diseases of brain - clinico-radiological correlation
4.	Role of ultrasonography and MR imaging in evaluation of orbital masses
5.	Safety and efficacy of ultrasound guided percutaneous ethanol injection in treatment of benign thyroid nodules
6.	Safety and efficacy of percutaneous transhepatic biliary drainage in obstructive jaundice due to malignant biliary obstruction
7.	Short term sonographic evaluation of post transplant kidney for structural and vascular findings
8.	Role of portal venous system doppler in predicting esophageal varices and assessment of severity in comparison to ugi endoscopy
9.	Non invasiver measurement of endothelial dysfunction in late rheumatiod arthritis (>2 years & <5 years) by flow mediated dilatation and carotid intimomedial thickness with special reference to disease activity
10.	Evaluation of breast lesions by digitasl mammography and ultrasound mammography along with fnac correlation
11.	Role of vascular characterisatioh in the differential diagnosis of tumours of eye and orbit with doppler ultrasound with clinico pathologic correlation
12.	Evaluation and comparative study of radiological chabnges in hands and feet in patients sufferingf fromm early rheumatoid arthritis by power doppler ultrasound and digital radiography
13.	Study on cerebro unbilical doppler ratio as a predictor of adverse perinatal outcome in intrauterine growth restriction at 30-40 weeks of gestation
14.	Neuro MRI findings in HIV patients with neurological manifestations and their co-relation with clinical presentation, CD4 counts and anti-retroviral therapy experience status

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD – 36, Sector – 1, Salt Lake, Kolkata 700 064

Research Proposal' for **MD – Radiotherapy** Year (2010 - 2013)

Sl. No.	Titel
1.	Concurrent chemoradiation in locally advanced head and neck cancer cisplatin vs carboplatin a randomised comparative phase III trial
2.	Concurrent chemoradiotherapy versus accelerated radiotherapy after induction chemotherapy in inoperable stage III non small cell lung carcinoma : a prospective comparative randomized study
3.	A comparative study of concurrent chemoradiotherapy versus chemotherapy followed by radiotherapy in locally advanced squamous cell carcinoma of esophagus : a randomized controlled trial
4.	Comparative study between paclitaxel + carboplatin + ifosfamide versus paclitaxel + carboplatin as induction chemotherapy followed by radiation in the treatment of head-neck carcinoma
5.	A study on epidemiology and treatment outcomes in patients with brain metastases
6.	Role of concurrent chemoradiation using weekly gemcitabine versus concurrent chemoradiation using weekly cisplatin in locally advanced carcinoma cervix cases : a prospective comparative study
7.	Comparative study of X-ray based treatment planning and computed tomography based treatment planning for intracavitary Brachytherapy in carcinoma cervix
8.	A prospective randomized study to compare the acute toxicities & local response of concurrent chemoradiation vrs. Accelerated radiotherapy in treatment of locally advanced cervical cancer
9.	Post mastectomy adjuvant radiotherapy in breast cancer : a prospective study of comparison between a hypo fractionated protocol with conventional fractionation schedule
10.	Evaluation of cardiotoxicity and pulmonary toxicities and quality of life in female carcinoma breast patients undergoing treatment with chemotherapy and radiotherapy
11.	A prospective comparative study of concurrent chemoradiation along with gefitinib in locally advanced squamous cell carcinoma of head & neck

12.	A retrospective study of correlation between reported dose volumes for urinary bladder, rectum & sigmoid colon with clinical outcome in high dose rate brachytherapy of carcinoma cervix'
13.	A prospective randomized study to compare the results of treatment and toxicities of different fractionation schedules of radiotherapy in locally advanced head and neck malignancy
14.	A prospective randomized study comparing induction chemotherapy followed by conventional concomitant chemoradiotherapy versus conventional concomitant chemoradiotherapy in locally advanced head and neck cancer

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
Research Proposal' for **MD – Resp. Medicine** Year (2010 - 2013)

Sl. No.	Titel
1.	A study on pleuropulmonary infections in diabetes mellitus
2.	The study of feasibility, safety and efficacy of transthoracic fine needle aspiration of intrathoracic lesions
3.	An epidemiological study of extra pulmonary tuberculosis (eptb) in a dots clinic of a tertiary referral centre in post hiv era
4.	An epidemiological study of extra pulmonary tuberculosis (eptb) in a dots clinic of a tertiary referral centre in post hiv era
5.	Evaluation of oxidative stress in chronic obstructive pulmonary disease
6.	A cross sectional study of systemic manifestations of chronic obstructive lung disease
7.	Study envisaged for the thesis for the degree of doctor of medicine, tuberculosis & respiratory diseases
8.	A study on evaluation of thoracic empyema with special reference to tuberculous empyema
9.	Co-relation study between post bronchodialator forced expiratory volume in one second (FEV1) and 6 min walk distance in chronic obstructive pulmonary disease patients
10.	A study on spectrum of respiratory diseases in HIV infected individuals attending chest dept. of R.G. Kar Medical College & Hospital
11.	Corelation between venous blood gas and arterial blood gas analysis in patient admitted in respiratory care unit
12.	A study to assess the yield of bronchoalveolar lavage fluid in clinically and radiologically suspected cases of sputum smear negative pulmonary tuberculosis
13.	Evaluation of patients with stable copd attending in a tertiary care hospital with correlation between bode index, health related quality of life and other treatment outcomes
14.	Risk of development of tuberculosis among hiv infected patients with relation to cd4 counts
15.	A study for correlation between spirometry and body mass index in chronic obstructive ;pulmonary disease patients

THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES
DD – 36, Sector – 1, Salt Lake, Kolkata 700 064
Research Proposal' for **MD – Tropical Medicine** Year (2010 - 2013)

Sl. No.	Titel
1.	A study on clinical immunological and virological response to second line anti retroviral therapy of national aids control programme of india
2.	Clinico-epidemiological endoscopic and histological findings in subjects with dyspepsia
3.	Clinical study of prevalence of depression and also assessment of factors associated with depression among hiv infected subjects attending virology clinic at school of tropical medicine
4.	A study on adults on short duration fever (for less than 2 weeks) attending school of tropicalo medicine kolkagta