

Christian Medical College, Ludhiana

Thesis plan of postgraduate students admitted in 2017

| S.No | Name of the candidate      | Course              | Date of Enrolment | Topic of thesis  |
|------|----------------------------|---------------------|-------------------|--|
| 1    | Dr. Palak Garg             | MD<br>Radiotherapy  | 31/5/2017         | To evaluate the compliance and tolerability in patients of head and neck cancer treated with concurrent chemoradiotherapy using two different chemotherapeutic regimens  |
| 2    | Dr. Rubble                 | MS<br>Ophthalmology | 31/5/2017         | Comparison of central corneal thickness measurement by specular microscopy, optical coherence tomography, optical biometry and ultrasound pachymetry in normal eyes      |
| 3    | Dr. Shubhneek Kaur Dhillon | MS<br>Ophthalmology | 31/5/2017         | Association of Ocular Biometric Parameters with Diabetic Retinopathy   |
| 4    | Dr. Preethi P. Nair        | MS<br>ENT           | 31/5/2017         | Evaluation of frontal sinus outflow tract in patients with chronic sinonasal disease   |
| 5    | Dr. Damanpreet Singh       | MS<br>ENT           | 31/5/2017         | Status of contralateral ear in unilateral chronic otitis media   |
| 6    | Dr. Puneet Pal Kaur        | MD<br>Pathology     | 31/5/2017         | Histopathological Findings in Tubal Ectopic Pregnancy  |
| 7    | Dr. ShivaniPuri            | MD<br>Pathology     | 31/5/2017         | Immunophenotypic profile of acute leukemia and its comparison with morphological diagnosis   |
| 8    | Dr. TarunVerma             | MD<br>Anaesthesia   | 31/5/2017         | To evaluate the efficacy of intravenous palonosetron and ondansetron for postoperative nausea and vomiting in abdominal laparoscopic surgeries under general anaesthesia |
| 9    | Dr. Upasna Deep            | MD<br>Anaesthesia   | 12/5/2017         | A comparison of bupivacaine and 2-chloroprocaine for spinal anaesthesia in short day care procedures   |

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| 10 | Dr. JasnoorSra                          | MD<br>Anaesthesia    | 16/5/2017 | Role of sub-paralysing doses of Atracurium in controlling etomidate induced myoclonus  |
| 11 | Dr. Karepalli Christine<br>RatnaDeepika | MD<br>Anaesthesia    | 01/6/2017 | An observational study on perceptions and psychological sequelae of events occurring during surgery performed under sedation and general anaesthesia   |
| 12 | Dr. Abhinav David                       | MD<br>Dermatology    | 31/5/2017 | A Study of Nail Abnormalities in Various Dermatoses in a Tertiary Care Centre in North India   |
| 13 | Dr. AnanyaPriya                         | MS<br>Anatomy        | 01/4/2016 | Morphological and Morphometric variations of Azygos system of Veins – A Cadaveric Study  |
| 14 | Dr. Anjali Benny Susan                  | MD<br>Radiodiagnosis | 9/5/17    | Assessment of cerebral perfusion parameters in patients with post stroke seizure using magnetic resonance imaging  |
| 15 | Dr. Jiju George Zachariah               | MD<br>Radiodiagnosis | 31/5/2017 | Best colour Doppler indices for prediction of perinatal outcome in intrauterine growth restricted fetuses in a tertiary care hospital  |
| 16 | Dr. Sukirti Chauhan                     | MD<br>Pediatrics     | 15/5/2017 | Comparison of efficacy of Heated Humidified High flow Nasal Cannula (HHHFNC) vs Nasal continuous positive airway pressure (CPAP) in preterm neonates with respiratory distress               |
| 17 | Dr. NidhieShajan                        | MD<br>Pediatrics     | 31/5/2017 | Study of levels of sedation during first 48 hours of ventilation in Pediatric intensive care unit and their association with patient outcomes  |
| 18 | Dr. AmruthaDirisala                     | MD<br>Pediatrics     | 01/6/2017 | Compliance with Retinopathy of Prematurity(ROP) Screening guidelines: A retrospective Audit  |
| 19 | Dr. Praneet Dhaliwal                    | MD<br>Pediatrics     | 15/5/2017 | Multiple transfused thalassemia major children: Prevalance of visual and ocular problems   |
| 20 | Dr. Swati Daniel                        | MS<br>Surgery        | 31/5/2017 | A prospective study on complications of central venous catheter insertion in surgical patients   |
| 21 | Dr. Jennifer<br>HepzibahSitther         | MS<br>Surgery        | 31/5/2017 | Comparison of the spectrum of local treatment sequelae in patients with breast cancer undergoing Modified Radical Mastectomy versus Breast Conserving Surgery and Adjuvant Radiation Therapy |
| 22 | Dr. Karanbir Singh                      | MS<br>Surgery        | 31/5/2017 | Qualitative And Quantitative Assessment Of Mammographic Breast Density And Its Correlation With  |

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|----|------------------------------|-------------|-----------|---|
|    |                              |             |           | Tumour Characteristics  |
| 23 | Dr. Manpreet Singh Bindra    | MS Surgery  | 31/5/2017 | Assessing pre and per-operative predictors of difficult laparoscopic cholecystectomy  |
| 24 | Dr. Harsimran Singh          | MS Surgery  | 31/5/2017 | A trauma scoring system(GAP) based prediction of in hospital mortality of poly-trauma patients admitted to the hospital   |
| 25 | Dr. George Abraham           | MS Surgery  | 31/5/2017 | A Clinical study to determine the impact of four layered compression bandaging on chronic venous ulcers   |
| 26 | Dr. Anil Kumar Dahiya        | MS Surgery  | 31/5/2017 | A comparative study of single layered through and through closure versus mass closure in emergency midline laparotomy surgeries for peritonitis                           |
| 27 | Dr. Jeffrey AbarhamKalyanapu | MS Surgery  | 31/5/2017 | Incidence of deep vein thrombosis in patients undergoing elective major abdominal surgeries in General Surgery department   |
| 28 | Dr. Preethi Susan Philip     | MD Medicine | 31/5/2017 | Prevalence of Vitamin B12 deficiency in patients with Type 2 Diabetes Mellitus on Metformin therapy   |
| 29 | Dr. Dipti Lisa Varghese      | MD Medicine | 8/5/2017  | Association of uric acid levels with coronary Angiographic severity among patients admitted with acute coronary syndrome  |
| 30 | Dr. Amit Kumar               | MD Medicine | 31/5/2017 | Adrenal insufficiency and thyroid dysfunction in patients with euvoletic hyponatremia   |
| 31 | Dr. Varun Singla             | MD Medicine | 31/5/2017 | Sensitivity and specificity of clinical scoring systems in diagnosing hypothyroidism in elderly subjects  |
| 32 | Dr. Supriya Thakur           | MD Medicine | 16/5/2017 | Utility of Cerebrospinal Fluid C-Reactive Protein in Meningitis   |
| 33 | Dr. Aaron Snehangshu Das     | MD Medicine | 31/5/2017 | Correlation of Glycemic status with Left Ventricular Dysfunction in patients presenting with Acute Coronary Syndromes   |
| 34 | Dr. AkhilSingla              | MD Medicine | 11/5/2017 | Sensitivity and Specificity of Indian Diabetes Risk Score (IDRS) in diagnosing Diabetes Mellitus amongst First degree relatives of patients with Type 2 Diabetes Mellitus |
| 35 | Dr. Sandhaya Samuel          | MD Medicine | 8/5/2017  | Diagnostic significance of Lactate Dehydrogenase (LDH) and glucose in ascitic fluid   |
| 36 | Dr. Syed Akbar Nawaz         | MS          | 31/5/2017 | To evaluate the efficacy of short term teriparatide   |

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|               |                                    | Orthopedics                      |  | therapy versus single intravenous infusion of zoledronic acid in osteoporotic patients  |
| 37            | Dr. Nikhil Tandon                  | MS<br>Orthopedics                | 31/5/2017  | A comparative study of subjective outcome of oral versus topical combination of glucosamine sulphate and diacerein in patients of grade 2 osteoarthritis          |
| 38            | Dr. Max K. Shibu                   | MS<br>Orthopedics                | 11/5/2017  | To compare the effectiveness and complications of early stabilization versus delayed stabilization of proximal femur fracture in elderly patients                 |
| 39            | Dr. NitishPurushottam G. Choudhary | MS<br>Orthopedics                | 31/5/2017  | Subjective symptomatic outcome of patients with grade 3 osteoarthritis of the knee treated with oral rosehip aqueous extract versus oral glucosamine sulphate     |
| 40            | Dr. Gurbani Kaur Arora             | MD<br>Obstetrics &<br>Gynecology | 01/6/2017  | Glycated hemoglobin(HbA1c) levels during pregnancy as a Predictor of Gestational Diabetes Mellitus and its association with adverse maternal and neonatal outcome |
| 41            | Dr. Barbie Sharma                  | MD<br>Obstetrics &<br>Gynecology | 31/5/2017  | A randomized control study of titrated and static oral misoprostol solution for induction of labor at term  |
| <b>Sr. No</b> | <b>Name of Candidate</b>           | <b>Course</b>                    | <b>Topic Of Thesis</b>   |   |
| 1.            | Dr. Ashish                         | Mch Neurosurgery                 | Outcome assessment in patients with Anterior circulation Intracranial Aneurysms treated with microsurgical clipping-A follow up study. |   |

**DAYANAND MEDICAL COLLEGE & HOSPITAL, LUDHIANA**

**Details of Plan of Thesis of Postgraduate(MD/MS) students, Admission Batch – 2017**

| Sr. No. | Name of Specialty                    | Name of Student   | Date of Joining | Title of Thesis  |
|---------|--------------------------------------|-------------------|-----------------|--|
| 1.      | MD Anaesthesiology                   | Devika Sood       | 28.04.2017      | Comparison of intermittent boluses of nor-epinephrine and phenylephrine for prevention of subarachnoid block induced hypotension during cesarean section                           |
| 2.      | MD Anaesthesiology                   | Harsimranjit Kaur | 31.05.017       | Evaluation of levobupivacaine versus levobupivacaine plus dexamethasone port-site infiltration and intraperitoneal instillation for pain relief after laparoscopic cholecystectomy |
| 3.      | MD Anaesthesiology                   | Kamya Bansal      | 28.04.2017      | A prospective evaluation of risk factors for bleeding complications in central venous cannulation  |
| 4.      | MD Anaesthesiology                   | Poonam Nain       | 31.05.2017      | Comparative evaluation of prophylactic oral tramadol and gabapentin in post spinal shivering   |
| 5.      | MD Anaesthesiology                   | Swati             | 31.05.2017      | Optimal positioning of right internal jugular venous catheter: peres' height formula versus distance between insertion point and right third intercostals space                    |
| 6.      | MD Dermatology, Venerology & Leprosy | Monika Rani       | 31.05.2017      | Clinico-mycological correlation of tinea faciei  |
| 7.      | MD Dermatology, Venerology & Leprosy | Sukhleen Kaur     | 22.04.2017      | Study of cutaneous manifestations of polycystic ovarian syndrome patients  |
| 8.      | MD Microbiology                      | Manu Goel         | 26.04.2017      | Microbiological profile of catheter associated urinary tract infections in intensive care units  |
| 9.      | MD Obstetrics & Gynaecology          | Muskan Chaudhary  | 31.05.2017      | Effect of borderline amniotic fluid index(afi) on labour and its correlation with perinatal outcome.   |
| 10.     | MD Paediatrics                       | Akashdeep         | 22.04.2017      | Multi-dimensional impact on families of neonates with low birth weight using pedsq family impact module  |

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| 11. | MD Paediatrics     | Gursavreen Kaur Kahlon | 31.05.2017 | To study the role of montelukast in multi-trigger wheeze in children less than five years of age   |
| 12. | MD Paediatrics     | Jasjeet Kaur           | 31.05.2017 | To study the effectiveness of oral cyclophosphamide in children with steroid dependant and frequently relapsing nephrotic syndrome   |
| 13. | MD Paediatrics     | Ritu Bala              | 31.05.2017 | A study of clinico-epidemiological profile of children hospitalised due to accidental injuries in paediatric icu   |
| 14. | MD Paediatrics     | Taniya Rachel Isaacs   | 28.04.2017 | Correlation between end tidal carbon dioxide (EtCO <sub>2</sub> ) and partial pressure of carbon dioxide in arterial blood (PaCO <sub>2</sub> ) in picu patients on ventilator support |
| 15. | MD Pathology       | Aditi Sharma           | 31.05.2017 | Clinico-pathological spectrum of renal biopsies in patients with glomerulonephritis  |
| 16. | MD Pathology       | Harish Kumar Kamboj    | 31.05.2017 | Clinicopathological spectrum of hepatectomies in a tertiary care centre  |
| 17. | MD Pathology       | Sonia Jain             | 31.05.2017 | Clinicopathological correlation of fine needle aspiration cytology in extra hepatic intra abdominal masses   |
| 18. | MD Psychiatry      | Geet Bagri             | 31.05.2017 | A study of quality of life and coping strategies in spouses of synthetic and semi-synthetic opioid addicts   |
| 19. | MD Psychiatry      | Karanjot Kaur          | 31.05.2017 | Social cognition in newly diagnosed patients of schizophrenia and their first degree relatives   |
| 20. | MD Psychiatry      | Malika Jindal          | 31.05.2017 | Impact of epilepsy on patients and their caregivers  |
| 21. | MD Radio-diagnosis | Ashima Mittal          | 22.04.2017 | Role of interictal arterial spin labeling magnetic resonance perfusion in mesial temporal lobe epilepsy  |
| 22. | MD Radio-diagnosis | Navneet Dabria         | 31.05.2017 | Analysis of anatomical variation of the main arteries branching from abdominal aorta using multidetector computed tomography   |
| 23. | MD Radio-diagnosis | Puneet Mallhan         | 22.04.2017 | Role of color Doppler and spectral flow analysis in pregnancy induced hypertension and its correlation with perinatal outcome  |
| 24. | MD Radio-diagnosis | Shina Kaur             | 22.04.2017 | Role of mdct in neck masses  |
| 25. | MS General Surgery | Loveleen Garg          | 31.05.2017 | A prospective study on elective umbilical hernia repair in patients with liver cirrhosis   |

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|     |                              |                     |            | and ascites  |
| 26. | MS General Surgery           | Sameer Mittu        | 31.05.2017 | Evaluation of outcome following mini gastric bypass surgery for morbid obesity   |
| 27. | MS Orthopaedics              | Amtoj Singh Khara   | 31.05.2017 | Clinical and radiological outcomes in surgically managed patients of transverse fractures of acetabulum                                |
| 28. | MS Orthopaedics              | Ashish Kumar        | 31.05.2017 | Evaluation of anterior knee pain and other complications in total knee arthroplasty without patellar resurfacing                       |
| 29. | MS Orthopaedics              | Ashish Monga        | 31.05.2017 | Outcome and evaluation of mini incision release for carpal tunnel syndrome   |
| 30. | MS Orthopaedics              | Sanjay Jain         | 31.05.2017 | Effect of distal radio ulnar joint (druj) involvement on outcome of distal radius fractures  |
| 31. | MS Otorhinolaryngology (ENT) | Porshia Rishi       | 31.05.2017 | Sinonasal mucormycosis: clinical profile and outcome   |
| 32. | MD General Medicine          | Menaal Khanna       | 22.04.2017 | Incidence and clinical correlation of restless leg syndrome in patients with migraine  |
| 33. | MD General Medicine          | Aarju               | 01.05.2017 | To correlate the presenting neurological complaint with the outcome in cerebral venous thrombosis in patients admitted to DMCH         |
| 34. | MD General Medicine          | Abhinav Meelu       | 31.05.2017 | To study the clinical profile and outcome in patients of complicated urinary tract infections  |
| 35. | MD General Medicine          | Ashwini Chauhan     | 31.05.2017 | Clinical profile and outcome of icu patients treated with carbapenems  |
| 36. | MD General Medicine          | Monica              | 01.05.2017 | Anemia and the nutritional status in tuberculosis patient  |
| 37. | MD General Medicine          | Navdeep Kaur Mann   | 31.05.2017 | Prediction of outcome in patients with poisonings using apache ii, sofa and pss  |
| 38. | MD General Medicine          | Onkar Singh Matharu | 31.05.2017 | Beliefs and practices regarding diet in patients with inflammatory bowel disease–an observational study                                |
| 39. | MD General Medicine          | Pawan Kumar         | 01.05.2017 | Clinical spectrum and short term outcome of patients with infective endocarditis   |
| 40. | MD General Medicine          | Sahil Bansal        | 31.05.2017 | To study clinical profile of rheumatoid arthritis & related neuropsychiatric comorbidities   |
| 41. | MD General Medicine          | Sehmeet Singh       | 31.05.2017 | Clinical profile of admitted patients undergoing nucleic acid amplication test for tuberculosis evaluation in a tertiary care hospital |

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| 42. | MD Obstetrics & Gynaecology | Manpreet Kaur              | 01.05.2017 | Letrozole versus clomiphene citrate for induction of ovulation in patients with polycystic ovarian syndrome                                       |
| 43. | MD Pathology                | Akriti Jindal              | 31.05.2017 | Correlation of anti transglutaminase antibodies and anti endomysial antibodies with duodenal histopathology for the diagnosis of celiac disease   |
| 44. | MD Pathology                | Amandeep Kaur Kang         | 31.05.2017 | Comparison of erythrocyte sedimentation rate manual versus automated method   |
| 45. | MD Radio-diagnosis          | Kavita Mittal              | 31.05.2017 | Comparison of arterial spin labeling with dynamic susceptibility contrast perfusion imaging in evaluation of intracranial space occupying lesions |
| 46. | MD Radio-diagnosis          | Philipose Puliyeil Abraham | 31.05.2017 | Evaluation of the role of locoregional interventional therapies in the treatment of hepatocellular carcinoma                                      |
| 47. | MS General Surgery          | Inderpreet Singh           | 31.05.2017 | A comparative study of standard dressing vs collagen dressing in post operative abdominal wound dehiscence  |
| 48. | MS General Surgery          | Ishan Chanana              | 31.05.2017 | A prospective study of laparoscopic ventral hernia repair by using ipom-plus technique  |
| 49. | MS General Surgery          | Manavdeep Singh Bains      | 31.05.2017 | A prospective study on wound healing after stoma closure  |
| 50. | MS General Surgery          | Palak Gupta                | 01.05.2017 | Evaluation of appendicitis inflammatory response score for acute appendicitis   |
| 51. | MS General Surgery          | Sahil Garg                 | 31.05.2017 | Laparoscopic inguinal hernia repair-transabdominal preperitoneal (tapp) versus totally extraperitoneal (tep) approach                             |
| 52. | MS General Surgery          | Tanya Bhalla               | 31.05.2017 | Clinical evaluation and microbiological profile of necrotizing soft tissue infections   |
| 53. | MS Ophthalmology            | Amitoj Singh               | 31.05.2017 | To evaluate the diagnosis efficacy of corneal epithelial thickness using spectrum domain optical coherence topography (sdoct) in keratoconus      |
| 54. | MS Orthopaedics             | Rajul Goel                 | 31.05.2017 | Outcome of arthroscopic bankart's repair in anterior shoulder instability   |



**GURU GOBIND SINGH MEDICAL COLLEGE FARIDKOT-**

| S. No | Subject       | Title of Thesis   | Name of PG student    |
|-------|---------------|---|-----------------------|
| 1     | Ophthalmology | Comparison of intraocular pressure measurements between goldmann applanation tonometry, non- contact tonometry and tonopen tonometry                                  | Dr Supritha CN        |
| 2     | Ophthalmology | To study the proportion of ocular manifestations in HIV positive patients.  | Dr Mandeep Kaur       |
| 3     | Ophthalmology | A study of visual profile in school going children of age group 5-15 years in south west punjab.  | Dr Sumit Goyal        |
| 4     | Ophthalmology | To study the association of diabetic retinopathy with duration of diabetes, serum lipids levels and blood pressure in diabetes mellitus type 2 patients               | Dr Rajwinder Kaur     |
| 5     | Ophthalmology | Proportion of open angle glaucoma, ocular hypertension and normal tension glaucoma in population above 40 years of age visiting OPD of a tertiary health care centre. | Dr Anureet Kaur       |
| 6     | Medicine      | A study of clinico-hematological profile of pancytopenia adult patients   | Dr Anil Jain          |
| 7     | Medicine      | Clinicoradiological profile of cerebrovascular disease in hypertensive disease of pregnancy   | Dr Jatinder Kochhar   |
| 8     | Medicine      | Evaluation of pulmonary functions in metabolic syndrome   | Dr Rahul Gupta        |
| 9     | Medicine      | Evaluation of cardiac function by echocardiography in patients with liver cirrhosis   | Dr Ajay Kumar Badhwar |

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|----|------------|---|---------------------|
| 10 | Medicine   | Evaluation of Role of cardiac biomarkers in assessing risk of coronary artery disease in chronic kidney disease   | Dr Poonam           |
| 11 | Psychiatry | To study the quality of life according to the type of obsessions and compulsions in patients of obsessive compulsive disorder   | Dr Shrutika Gupta   |
| 12 | Psychiatry | A prospective study on clinical presentation of mild cognitive impairment and its outcome in patients presenting in psychiatry department of a tertiary care hospital | Dr Kavita           |
| 13 | SPM        | Assessment of Accessibility and quality of drinking water at household level in district Faridkot: A cross-sectional study.   | Dr Navneet Kaur     |
| 14 | ENT        | Assessment of laryngeal manifestations of gastroesophageal reflux disease.  | Dr Simmi Jindal     |
| 15 | ENT        | Clinipathological evaluation and treatment of salivary gland neoplasms  | Dr Kanwalpreet Kaur |
| 16 | ENT        | Assessment of sensorineural hearing loss in diabetes mellitus type 2 patients.  | Dr Shruti Sharma    |
| 17 | ENT        | To study pre-operative clinical predictors of difficult laryngeal exposure in microlaryngeal surgeries.   | Dr Alisha Bali      |
| 18 | Psychiatry | A prospective study on the role of religiosity and guilt in symptomatology and outcome of obsessive compulsive  | Dr Rakesh Kumar     |

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| 19 | Radiotherapy       | Evaluation of clinico-etiological factors affecting treatment outcome among patients of squamous cell carcinoma oropharynx treated with concurrent chemo-radiation  | Dr Sonali Karnwal  |
| 20 | Radiotherapy       | Evaluation of clinico- pathological parameters of squamous cell carcinoma cervix and their correlation with treatment outcome   | Dr Parul Priyanka  |
| 21 | Radiotherapy       | Comparison of dose volume histograms of gastrointestinal tract and its toxicity in carcinoma cervix patients treated with 3-dimensional conformal radiotherapy versus intensity modulated radiotherapy                            | Dr Abhilasha Sinha |
| 22 | Radiotherapy       | Comparison of dose volume histograms of heart and lung and their toxicities in post mastectomy carcinoma breast patients treated with three dimensional conformal radiation therapy versus intensity modulated radiation therapy. | Dr Oshin Suri      |
| 23 | Pulmonary Medicine | To study pattern of drug resistance in patients of pulmonary tuberculosis using line probe assay  | Dr Neelu Chugh     |
| 24 | Pulmonary Medicine | Assessment of Microalbuminuria and its relationship with hypoxemia in patients of chronic obstructive pulmonary disease   | Dr Shilpa          |
| 25 | Pulmonary Medicine | To study the demographic and clinic-radiological profile of tuberculosis and its coexistence with HIV and HCV amongst drug abusers  | Dr Anjali          |

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| 26 | ENT           | Impact of temporal bone fractures on audiological profile   | Dr Vatika Khurana           |
| 27 | ENT           | To compare the surgical outcomes of nasal packing with septal splints in septoplasty  | Dr Harinder Singh           |
| 28 | Skin & Vd     | Comarative evaluation of therapeutic efficacy and safety of dermabrasion followed by tacrolimus ointment (0.1%) versus dermabrasion followed by PGE2 analogue (Dinoprostone) in localized stable vitiligo                                     | Dr Jaskirat Kaur            |
| 29 | Skin & Vd     | Comarative evaluation of efficacy and safety of intralesional mycobacterium W vaccine versus measles, mumps and rubella vaccine in treatment of cutaneous warts   | Dr Amandeep Kaur            |
| 30 | Skin & Vd     | A clinical study on pattern of nail alteration and their correlation with dermatological and systemic disease among children  | Dr Meenal Makkar            |
| 31 | Skin & Vd     | Comparative evaluation of therapeutic efficacy of microneedling with platelet rich plasma versus microneedling alone in the treatment of acne scars.  | Dr Simranjeet Singh Dhillon |
| 32 | Skin & Vd     | Comarative evaluation of therapeutic efficacy and safety of intralesional injection of triamcinolone acetonide versus combination of intralesional triamcinolone acetonide injection and intralesional radiofrequency in treatment of keloids | Dr Vishw Kaushal            |
| 33 | Paediatrics   | Low -dose vs standard - dose insulin in paediatric diabetic ketoacidosis- A randomized controlled trial   | Dr Savneet Kaur             |
| 34 | Ophthalmology | A study of retinopathy of prematurity and its correlation with various risk factors at a tertiar care centre.   | Dr Kirat Sandhu             |
| 35 | Ophthalmology | Fibrin glue versus sutures for conjunctival autografting in   | Dr Supreet Kaur             |

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|----|--------------|---|-----------------------|
|    |              | pterygium surgery: A prospective comparative study  |                       |
| 36 | Surgery      | A prospective study to evaluate a correlation of gall stone formation with iron levels.   | Dr Deepika Sharma     |
| 37 | Surgery      | To evaluate the role of mechanical bowel preparation in patients undergoing effective ileostomy closure.  | Dr Girish Saini       |
| 38 | Skin & VD    | Assessment of quality of life among Parents of Children with Atopic Dermatitis  | Dr. Ravneet Kaur      |
| 39 | Microbiology | Frequency of Panton-valentine leukocidin gene and staphylococcal cassette chromosome mec (SCCmec) types among staphylococcus aureus isolates in north India | Dr Trimaan Kaur Bains |
| 40 | Anaesthesia  | To Evaluate analgesic efficacy of dexamethanose as an adjuvant to ropivacaine in pectoral nerve block   | Dr Arshdeep Kaur      |
| 41 | Anaesthesia  | Comparison of baska mask with proseal laryngeal mask airway in adult patients under general anaesthesia day care surgery                                    | Dr Arushi Jain        |
| 42 | Anaesthesia  | A comparative evaluation of propofol and dexmedetomidine infusion for hypotensive anaesthesia during functional endoscopic sinus surgery.                   | Dr Vandana Kumari     |
| 43 | Skin & Vd    | Comarative evaluation of therapeutic efficacy and safety of cyclosporine versus apremilast in chronic plaque psoriasis                                      | Dr Anjugam A          |
| 44 | Skin & Vd    | Comarative evaluation of therapeutic efficacy and safety of lactic acid peel versus glycolic acid peel in melasma   | Dr. Gauri Bhale       |

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| 45 | Surgery     | A comparative study - Clinical and radiological diagnosis v/s intraoperative findings in cases of acute abdomen                                | Dr Milandeep       |
| 46 | Anaesthesia | Influence of head and neck positions on airway sealing pressures with baska mask versus I gel tm , A randomized clinical study                 | Dr Rupali Mahajan  |
| 47 | Anaesthesia | Evaluation of dexmedetomidine as an adjuvant to levobupivacaine for caudal analgesia in children undergoing elective infraumbilical surgeries. | Dr Amarjeet Kaur   |
| 48 | Pathology   | Correlation of serum tissue transglutaminase levels with modified marsh grading in celiac disease.   | Dr Parul           |
| 49 | Medicine    | A comparative study of carotid intima-media thickness in patients of controlled versus uncontrolled type 2 diabetes mellitus                   | Dr Ajwinder Singh  |
| 50 | Paediatrics | Analysis of Macronutrients composition of human milk of mothers of preterm mothers.  | Dr Shefali Mehta   |
| 51 | Psychiatry  | A comparative study on outcome of untreated and treated psychosis in a tertiary care hospital  | Dr Priyanka        |
| 52 | Psychiatry  | A cross sectional study on the pattern of personality traits in psychiatric patients of a tertiary care hospital                               | Dr Bhavneesh Saini |
| 53 | Anaesthesia | A Comparative study to evaluate the efficacy of intravenous dexmedetomidine and nalbuphine for treatment of post spinal shivering.             | Dr Harpreet Kaur   |
| 54 | Anaesthesia | Comparison of propofol and sevoflurane for laryngeal mask airway insertion under general anaesthesia in day care surgeries                     | Dr Deepali         |

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| 55 | Anaesthesia  | Comparative study to evaluate intravenous dexmedetomidine and esmolol for attenuation of hemodynamic response to laryngoscopy and endotracheal intubation. | Dr Akshay Kalia           |
| 56 | Anaesthesia  | A comparative study of etomidate and propofol as induction agents in modified electroconvulsive therapy  | Dr Samiksha Kumari        |
| 57 | Orthopaedics | Comparison of role of gelfoam and autologous adipose tissue in prevention of postoperative epidural fibrosis in lumbar spine surgery.                      | Dr Karan Rajpal           |
| 58 | Anaesthesia  | Evaluation of dexamethasone as an adjuvant to levobupivacaine in ultrasound guided interscalene brachial plexus block                                      | Dr Simpika Thakur         |
| 59 | Anaesthesia  | A comparative evaluation of recovery characteristics from anaesthesia with propofol and sevoflurane in day care surgery                                    | Dr Saravanakumar S        |
| 60 | Pathology    | Comparison of coagulation profile in normotensive, pre-eclamptic and eclamptic pregnant females  | Dr Arshdeep Kaur          |
| 61 | Surgery      | A Comparative Study of three surgical approaches in ileal perforation primary closure resection anastomosis and ileostomy                                  | Dr Harkanwalpreet Kaur    |
| 62 | Paediatrics  | Probiotic supplementation and its effect on feed tolerance and weight gain in low birth weight infants on orogastric feeds- A randomized controlled trial  | Dr Arzoo Allahabadi       |
| 63 | Paediatrics  | Multimodal intervention strategy to improve hand hygiene compliance in neonatal intensive care unit.   | Dr Reena                  |
| 64 | Anaesthesia  | Evaluation of analgesic effect of magnesium sulphate as an   | Dr Harmanpreet kaur Jhand |

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|    |              | agjuvant to ropivacaine in pectoral nerve block   |                          |
| 65 | Medicine     | Utility of indian diabetes risk score and finnish diabetes risk score for screening of undiagnosed diabetic adults.                               | Dr Gagandeep Singh Digra |
| 66 | Surgery      | Comparative study of laproscopic and open surgical methods in management of peptic ulcer perforation.   | Dr Gurpreet Singh        |
| 67 | Surgery      | Comparative analysis of findings of diagnostic laproscopy and exploratory laparotomy in patients of blunt trauma abdomen                          | Dr Puneet Bansal         |
| 68 | Surgery      | laproscopic cholecystectomy at low pressure vs standard pressure pneumoperitoneum: A comparative study".  | Dr Natasha Nuna          |
| 69 | Surgery      | A study of the relationship between the severity of lower urinary tract symptoms (LUTS) and the size of prostate in the malwa region of Punjab.   | Dr Shefali Joshi         |
| 70 | Medicine     | Comparison of APRI, FIB 4 with shear wave elastography in assessment of liver fibrosis in untrated chronic hepatitis c patients.                  | Dr Kanchan Kiran Kujur   |
| 71 | Orthopaedics | Comparison of functional outcome in fracture distal end humerus treated with triceps sparing paratricipital approach and transolecranon approach. | Dr Swarnesh B            |
| 72 | Surgery      | The comparative study between open technique versus limberg flap technique in management of sacrococcygeal pilonidal sinus.                       | Dr Deepak Meena          |
| 73 | Surgery      | A prospective comparative study between modified radical mastectomy and breast conservation surgery in early breast cancer.                       | Dr Jaskaran Singh        |
| 74 | Orthopaedics | Comparison of transforaminal and caudalepidural steroid   | Dr Sorabh Garg           |



|    |              |   |                           |
|----|--------------|---|---------------------------|
|    |              | injections outcome for the treatment of lumber radiculitis  |                           |
| 75 | Pediatrics   | Utility of Xpert MTB/RIF Assay For Diagnosis of Childhood Tuberculosis- A Cross Sectional Study   | Dr. Kiranpreet Kaur       |
| 76 | Medicine     | To Study The Psychiatric Morbidity Among Patients Admitted In Medicine Ward in A Tertiary Care Hospital   | Dr. Ankur Kumar Sonar     |
| 77 | Medicine     | Evaluation Of Serum Testosterone to Estrogen Ratio In Overweight and Obese Young Men and Its Relation with Serum HbA1C levels   | Dr. Kanwaljit Singh Bajwa |
| 78 | Surgery      | “Evaluation of sutureless mesh repair for inguinal hernia”  | Dr. Mohit Bhalla          |
| 79 | Surgery      | Role of Platelet Count As A Prognostic Indicator in Patients with Burns   | Dr. Vinod Bhavi           |
| 80 | Dermatology  | Assessment of quality of life among parents of children with atopic dermatitis.   | Dr. Ravneet Kaur          |
| 80 | Orthopaedics | Comparative Study Between Hybrid External Fixation Versus Locking Compression Plate (Minimally Invasive Percutaneous Plate Osteosynthesis In Management of Proximal Tibia Fractures | Dr. Sandeep Singh         |
| 81 | Surgery      | “Role of Critical View of safety’ in laparoscopic cholecystectomy for prevention of bile duct injury”   | Dr. Gagandeep Goyal       |
| 82 | Orthopaedics | Assessment And Comparative Evaluation of Three Different Volume of Caudal Epidural Injection in Low Back Pain   | Dr. Amit Sharma           |

## GMC, Amritsar.

Final List of Thesis Plan sent to university MD/MS/Diploma students in the session/Batch 2017-2020

| Sr. No. | Subject/Name of the Student | Topic  |
|---------|-----------------------------|--|
|         | <b>ANATOMY</b>              |  |
| 1       | Simarpreet Kaur             | The Proximal row of human carpal bones – A morphometric study  |
|         | <b>PHARMACOLOGY</b>         |  |
| 2       | Sukhmani Jaura              | A prospective randomized comparative study of metformin versus myoinositol plus D-chiroinositol combination therapy in polycystic ovarian syndrome   |
|         | <b>MICROBIOLOGY</b>         |  |
| 3       | Akanksha Chopra             | In Vitro susceptibility testing of ceftriaxone sulbactam and ethylenediaminetetraacetic acid combination in extended spectrum beta lactamase producing gram negative bacteria in a Tertiary care hospital. |
| 4       | Manvy Chalana               | Comparative evaluation of galactomannan antigen immunoassay with fungal smear and fungal culture in patients with suspected pulmonary aspergillosis  |
|         | <b>COMMUNITY MEDICINE</b>   |  |
| 5       | Kamal Jyoti                 | An interventional study regarding reproductive health among adolescent girls in the rural field practice area of govt. medical college Amritsar.   |
|         | <b>PATHOLOGY</b>            |  |
| 6       | Gunjot Kaur                 | Expression of cox-2 and Bcl-2 in Lichen Planus and other lichenoid reactions   |
| 7       | Vasundhara Singh            | To study the application of thyroid peroxidase (TPO) and hector battifora mesothelial-1 (HBME-1) immunohistochemical markers in the diagnosis of papillary carcinoma of thyroid.                           |
| 8       | Heena Gupta                 | To study the differentials of suppurative lymphadenitis by FNAC and their evaluation by ZN staining, CB-NAT fluorescent microscopy, fungal and bacterial cultures  |
| 9       | Kriti Sharma                | To Study levels of serum lactate dehydrogenase and serum uric  |

|    |                       |  |
|----|-----------------------|--|
|    |                       | acid in patients suffering from leukemia.  |
| 10 | Amanpreet Kaur        | To Study immunohistochemical expression of CK5/6, CK7 and CK20 on cell block in metastatic cervical lymphadenopathy  |
| 11 | Ramandeep Kaur        | Role of CD56 and CK19 as immunohistochemical markers in thyroid lesions  |
|    | <b>ANAESTHESIA</b>    |  |
| 12 | Vikramjit Singh       | They bailey manoeuvre for deep extubation-Comparison with standard extubation technique  |
| 13 | Shelly                | Comparison of baska laryngeal mask airway and endotracheal tube in adult patients undergoing surgery under general anesthesia.   |
| 14 | Ruchinder Kaur        | To compare hemodynamic changes during macintosh, Mccoy and video laryngoscopy  |
| 15 | Kulwinder Pal Singh   | Comparative study of intraperitoneal instillation of levobupivacaine (0.25%) plus dexmedetomidine and ropivacaine (0.25%) Plus dexmedetomidine for postoperative analgesia in patients undergoing laparoscopic cholecystectomy |
| 16 | Shweta Munjal         | Comparative evaluation of dexmedetomidine V/S nitroglycerine with lignocaine in Bier's Block for upper limb orthopaedic surgeries  |
| 17 | Amandeep Kaur         | C-mac video laryngoscopy versus flexible fiberoptic intubation in anesthetized patients  |
| 18 | Swati Joshi           | Comparison of baska mask and classical laryngeal mask airway in anaesthetised non-paralysed adult patients   |
| 19 | Rajitha J             | Study of post operative sore throat incidence After nebulisation with ketamine, lignocaine and magnesium sulphate  |
| 20 | Gurwant Kaur          | Intrathecal chloroprocaine plus fentanyl and levobupivacaine plus fentanyl in infraumbilical surgeries in adults   |
|    | <b>SURGERY</b>        |  |
| 21 | Jayant Prakash Dhamor | Evaluation of the modified Alvarado score in the diagnosis of acute appendicitis   |
| 22 | Harpreet Bhullar      | Evaluation of Symptomatic improvement after cholecystectomy in gall stone disease  |

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|    |                                   |   |
| 23 | Gaurav Sharma                     | Evaluation of inguinal hernia repair with prolene mesh as day case surgery GMC Amritsar   |
| 24 | Shreya Sardana                    | Evaluation of early enteral feeding post-operatively in emergency gastrointestinal surgery  |
| 25 | Siddharth Singh                   | Clinical Profile of the patients of head and neck cancers-A prospective study of 100 cases  |
| 26 | Sachin Vardhan                    | The Prospective study to evaluate the effect of perioperative rational hyperoxia on surgical site infection-A study of 200 cases                    |
| 27 | Parmhans                          | Role and evaluation of superoxidised solution and gel (microdacyn) in the Treatment of pressure ulcers  |
| 28 | Parneet                           | Current Assessment of choledochoduodenostomy in the management of choledocholithiasis   |
| 29 | Vikas Singh                       | Clinical Biochemical and radiological correlation in choledocholithiasis.   |
| 30 | Mohd Hamid                        | Clinical Profile of intestinal stomas-ostomies: Their indications, Types and complications – A reterospective and prospective study of 50 patients. |
| 31 | Kanwar Kirti Momak                | Study of 50 operated of peritonitis closed after peritoneal lavage with normal saline and superoxide solution                                       |
| 32 | Nitish Jain                       | Clinical presentation of hepatobiliary – Pancreatic disorders- A study of 200 cases.  |
| 33 | Navjot Singh                      | Efficacy of superoxidised solution and gel (microdacyn) in the treatment of diabetic foot ulcer   |
|    | <b>T.B. CHEST</b>                 |   |
| 34 | Shakti Sharma                     | A study of attitude knowledge and practices about HIV among tubercular patients   |
| 35 | Ritu Dadra                        | To study the pattern of drug resistance in microbiologically confirmed cases of tuberculosis and risk factors associated with drug resistance       |
| 36 | Prasanth Pandiyaraj<br>8754349180 | To study clinical,Radiological and serological patterns in patents with allergic bronchopulmonary aspergillosis                                     |

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| 37 | Libin Mathew      | To Evaluate the role of smoking as a risk factor in pulmonary tuberculosis  |
|    | <b>PSYCHIATRY</b> |   |
| 38 | Puneet Kamal      | A study of personality profile and psychiatric co morbidity in opioid dependent patients and outcome of drug treatment  |
| 39 | Amarbirpal Singh  | A follow up study of heroin dependent patients admitted in swami Vivekananda drug de-addiction and treatment centre and government rehabilitation centre Amritsar |
| 40 | Manmeet Kaur      | A clinical study of patients of dementia and their caregivers in terms of quality of life   |
|    | <b>E.N.T.</b>     |   |
| 41 | Laika             | Comparative Study of Type 1 Tympanoplasty with or without Gelform in the Middle ear   |
| 42 | Sandeep Kaur      | A study of radiological assessment with hrct and or MRI in 50 cases of congenital sensorineural hearing loss  |
| 43 | Ravneet Kaur      | A comparative evaluation of myringoplasty and type 1 tympanoplasty (With simple mastoidectomy) in patients of safe chronic otitis media with sclerosed mastoid    |
| 46 | Rupinder Kaur     | A study of impact of endoscopic sinus surgery on symptom  |

|    |                         |   |
|----|-------------------------|---|
|    |                         | manifestations of chronic rhinosinusitis  |
| 47 | Kiranvinder Preet Singh | Evaluation of thyroid swellings (by ultrasonography and fine needle aspiration cytology)  |
|    | <b>OPHTHALMOLOGY</b>    |   |
| 48 | Navneet Singh Manhas    | Prevalence and Associated risk Factors of dry eye in tertiary care hospital   |
| 49 | Parveen Rani            | Incidence and risk factors of aggressive posterior retinopathy of prematurity (Aprop) in neonpathy of birth weight below 1250 grams above 1250 grams and outcome of disease after laser treatment |
| 50 | Manisha                 | Topographic Changes in Temporal V/S Superotemporal Clear Corneal Phacoemulsification incisions in cataract surgery- A Pentacam Study  |
| 51 | Sonam                   | Comparison of effects of 0.1% and 0.5% topical atropine on the Rate of myopia progression in children upto 12 years of age  |
| 52 | Somya Sharma            | Comparative study to reduce astigmatism in clear corneal incision versus clear corneal with limbal relaxing incision during phacoemulsification   |
| 53 | Rubalmeet Kaur          | To study the prevalence and associated risk factors of advanced glaucoma in hospital based population   |
|    | <b>RADIODIAGNOSIS</b>   |   |
| 54 | Sandeep Sohi            | A Prospective Comparative study of conventional Radiographs with MRI in the diagnosis of hip pathologies  |
| 55 | Jamanjit Kaur Sidhu     | To Evalautate the role of Doppler ultrasonography of ductus venosus in pregnant women   |
| 56 | Niveditha.B             | Comparative Study of Ultrasonography and magnetic resonance cholangiopancreatography in pancreaticobiliary Pathology  |
| 57 | Akhil Tanwar            | A Comparative study of MRI detectable degenerative Changes in brain in adult Alcoholic Males Compared to Non Alcoholics   |
| 58 | Madhankumar M K         | A prospective comparative study of high resolution ultrasound   |

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|----|----------------------|--|
|    |                      | and MRI in the Diagnosis of rotator cuff tears.  |
|    | <b>PAEDIATRICS</b>   |  |
| 59 | Rachna Kapoor        | Clinical, Sonographic and magnetic resonance imaging features in neonates with hypoxic ischemic encephalopathy   |
| 60 | Amandeep Goyal       | Evaluation of puberty and sex hormones status in multi-transfused B-Thalassemia Major children and their correlation with serum ferritin levels          |
| 61 | Gaganpreet           | To Assess the Degree of dehydration and type of dyselectrolytemia in acute gastroenteritis in children from 3 month to 2 years of age                    |
| 62 | Jasmeen Kaur         | To Asses The Outcome of relactation practice and to Evaluate utility of various interventions related to relactation in mothers of infants upto 6 months |
| 63 | Sukhjot Kaur         | Facility based analysis of 100 neonatal deaths in tertiary care centre   |
|    | <b>SKIN &amp; VD</b> |  |
| 64 | Elga Muralidharan    | To Study the role of ultrasonography and dermoscopy as diagnostic /prognostic tool in psoriasis  |
| 65 | Shashank Tyagi       | To compare the efficacy of melanocytes transplantation using non cultured epidermal cell suspension and epidermal curettage in cases of stable vitiligo  |
| 66 | Varinder Kaur        | To Study the dermoscopic and histopathological characteristics of oral mucosal lesions   |
| 67 | Mandeep Singh        | Therapeutic efficacy of radiofrequency ablation in ingrown toe nail  |
|    | <b>MEDICINE</b>      |  |
| 68 | Aparna Kathait       | Conrrelation between serum Triglyceride levels and severity of stroke  |
| 69 | Neha Paul            | A prospective study of 2D- echocardiographic assessment of pulmonary artery hypertension in thyroid dysfunction  |
| 70 | Surbhi Mahajan       | To study left atrial volume and left atrial volume index as independent echocardiographic markers of cardiovascular                                      |

|    |                       |   |
|----|-----------------------|---|
|    |                       | involvement in chronic kidney disease   |
| 71 | Sathish Kumar         | To study the echocardiographic abnormalities in patients of chronic kidney disease who have undergone haemodialysis   |
| 72 | Charanjeet Kaur       | A study of lipid profile among junior residents of government medical college and guru nanak dev hospital Amritsar  |
| 73 | Siva Kumar S          | To study the prevalence of pulmonary arterial hypertension in chronic kidney disease patients   |
| 74 | Sathisha B            | To Study the therapeutic efficacy of fresh frozen plasma in cirrhotic patients with low prothrombin index (PTI)   |
| 75 | Jithesh G             | Timing of onset of CKD related metabolic complications  |
| 76 | Pulkit Sondhi         | Blood Glucose level on admission as potential indicator of in-hospital mortality in non diabetic Patients Presenting with Acute myocardial Infarction                       |
| 77 | Aman Deep Goel        | Study on correlation between hs-C-Reactive protein levels and left ventricular function in patients with acute coronary syndrome  |
| 78 | Rajbinder Singh Jaura | Prevalence of Dyslipidemia in HIV patients on haart   |
| 79 | Bhoj Raj Sharma       | Study of serum uric acid and vitamin D levels in essential hypertension   |
| 80 | Rohit Kumar Bhardwaj  | A study of factors causing delay in presentation of patients with acute stroke  |
| 81 | Amardeep Singh Parmar | Study of serum homocysteine levels in ischemic cerebro vascular accident patients   |
| 82 | Anshul Bhateja        | To Study the diagnostic value of lactate dehydrogen levels in CSF in different etiology of meningitis   |
| 83 | Gurpreet Singh        | Study of cardiac autonomic neuropathy and its association with QTc dispersion in patients with type-2 diabetes mellitus   |
| 84 | Amandeep Singh        | Comparative study of efficacy and safety of metformin v/s saroglitazar in non alcoholic fatty liver disease patients with newly diagnosed type 2 diabetics and prediabetics |
| 85 | Jasdeep Singh         | A study of endothelial Dysfunction in patient of non-alcoholic fatty liver disease  |



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|     | <b>OBST. &amp; GYNAE</b> |   |
| 86  | Sunita Meena             | Clinical cytohistopathological correlation in precancerous cervical lesions   |
| 87  | Rukku Kalra              | Comparative study of efficacy of magnesium sulphate versus nifedipine in arrest of advanced preterm labour  |
| 89  | Pallavi Sharma           | Maternal and Perinatal outcome in oligohydramnios   |
| 90  | Prabhleen Kaur           | A Comparative Study of transdermal Nitroglycerine patch and oral nifedipine in preterm labour   |
| 91  | Romil Goyal              | Screening for asymptomatic bacteriuria during pregnancy   |
| 92  | Himanshi Sidana          | Fetal fibronectin and cervical length measurement in prediction of preterm labour   |
|     | <b>ORTHOPEDICS</b>       |   |
| 93  | Sanman Midha             | Comparative study of local steroid injection versus autologous blood injection therapy for the management/treatment of lateral epicondylitis (Tennis elbow) |
| 94  | Jatinder Singh           | A Prospective Comparative Study of Reamed Vs. Unreamed Intramedullary Nailing in Treatment of Compound Tibial Diphyseal Fractures                           |
| 95  | Kashish Talwar           | Comparison between outcome of reconstruction plating and precontoured plating in supracondylar Fracture humerus in adults                                   |
| 96  | Lokesh Chugh             | Role of Variable angle locking plate in the management of unstable distal radius fractures  |
| 97  | Mohit Singla             | Outcome of ligamentotaxis of fracture distal end radius by distractor apparatus   |
| 98  | Gurwinder Singh          | Study of flexible intramedullary nail forearm fractures in adult  |
| 99  | Saurabh Jain             | Operative Treatment of inter-condylar and supra-condylar fracture of femur by swashbuckler approach.  |
| 100 | Karanvir Singh           | Comparison between distal femoral locking plate and retrograde interlocking nailing in management of distal femoral fractures                               |

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| 101 | Rohit Bhagat | Retrospective study of 25 cases of cemented total hip replacement ( A follow up study) |
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|---|---|--|--|---|
|   | <b>M.sc<br/>BIOCHEMISTRY</b>  |  |  |   |
| 1 | Harleen Kaur  | Dr. Kuldip Singh<br>Professor and Head<br>Deptt. of Biochemistry<br>GMC Amritsar | Dr. Pashaura Singh<br>Assistant Professor<br>Deptt. of Medicine<br>GMC Amritsar  | To study the effect of antiepileptic drugs on serum lipid profile and thyroid hormones in epileptic patients                        |
| 2 | Deepika Loona<br>9988144243<br><a href="mailto:Deepikaloona1993@gmail.com">Deepikaloona1993@gmail.com</a> | Dr. Kuldip Singh<br>Professor and Head<br>Deptt. of Biochemistry<br>GMC Amritsar | 1. Dr. Sukhraj Kaur<br>Assistant Professor<br>Deptt. of Biochemistry GMC<br>Amritsar<br>2. Dr. Pashaura Singh<br>Assistant Professor<br>Deptt. of Medicine<br>GMC Amritsar | To study the role of C-peptide in cardiovascular disorders  |
|   | <b>ANATOMY</b>  |  |  |   |
| 1 | Rishu   | Dr. Jagdev Singh<br>Kullar Professor Deptt.<br>of Anatomy GMC<br>Amritsar        | Dr. Gaurav Agnihotri<br>Associate Professor<br>Deptt. of Anatomy<br>GMC Amritsar   | A morphological and morphometric Study of gyri and sulci of occipital lobe of brain   |
| 2 | Bhawan Sharma   | Dr. Ravi Kant Sharma<br>Professor and Head<br>Deptt. of Anatomy<br>GMC Amritsar  | Dr. Vijay Laxmi<br>Associate Professor<br>Deptt. of Anatomy<br>GMC Amritsar  | A Morphological and morphometric study of sulci and gyri present on the superolateral surface lobe of cadaveric cerebral hemisphere |

**Govt. Medical College, Patiala.**

**Thesis Plan of MD/MS Students admitted in 2017-2020**

| <b>Sr. No.</b> | <b>Specialty</b> | <b>Name of Candidate</b> | <b>Topic</b>   |
|----------------|------------------|--------------------------|--|
| 1.             | Anaesthesia      | Dr. Ikjot Kuar           | Comparison of intranasal midazolam-fentanyl with dexmedetomidine-fentanyl as premedication in paediatric age group- A prospective randomized and double blind clinical study   |
| 2.             | Anaesthesia      | Dr. Manvir Singh         | To compare the efficacy of femoral nerve block vs IV fentanyl for positioning during femur fracture surgery  |
| 3.             | Anaesthesia      | Dr. Rajandeep            | A comparative study of supraclavicular block, interscalene block and combination of supraclavicular and low interscalene block using 0.5% ropivacaine and dexmedetomidine as adjuvant by nerve stimulation technique in upper limb surgeries |
| 4.             | Anaesthesia      | Dr. Shikha Bawa          | A comparison of effects of dexmedetomidine versus fentanyl on airway reflexes and haemodynamic responses to tracheal extubation during nasal surgeries: A double blind randomized study  |
| 5.             | Anaesthesia      | Dr. Shilpa Garg          | To compare the effects of intrathecal dexmedetomidine and fentanyl as an adjuvant to ropivacaine in orthopaedic lower limb surgeries.  |
| 6.             | Anaesthesia      | Dr. Shivani              | Comparison of continuous pralidoxime infusion versus repeated bolus injection to treat organophosphorus pesticide poisoning  |
| 7.             | Anaesthesia      | Dr. Suhani               | Comparison of dexmedetomidine plus fentanyl versus dexmedetomidine plus butorphanol for conscious sedation in patients undergoing awake fiberoptic   |

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|-----|--------------------|--------------------------|--|
|     |                    |                          | nasotracheal intubation: A prospective randomized and controlled clinical study  |
| 8.  | Anatomy            | Dr. Hemkiran Singh       | Human adult cervical vertebrae- A morphological and morphometric study in north indian population  |
| 9.  | Chest & TB         | Dr. Jain Thomas Chungath | Alcohol use disorders among tuberculosis patients and its association with treatment adherence   |
| 10. | Chest & TB         | Dr. Kailash Meena        | Study of practice under field condition of the tracing of the children contact of sputum positive pulmonary tuberculosis cases in Patiala, Punajb  |
| 11. | Chest & TB         | Dr. Leena Chopra         | Seasonal variation in peak expiratory flow rate in school going children in urban and rural areas.   |
| 12. | Chest & TB         | Dr. Monika Bansal        | To study prevalence of aspergillus skin hypersensitivity in patients of allergic rhinitis with or without bronchial asthma   |
| 13. | Chest & TB         | Dr. Vicky Bakshi         | Study of correlation of method of microbiological diagnosis with radiological findings in mircobiologically diagnosed cases of pulmonary tuberculosis  |
| 14. | Community Medicine | Dr. Manhardeep Kaur      | A descriptive cross-sectional study on role of asha workers in MCH services in the field practice area (RTHC), Bhadson, under the department of Community Medicine, Government Medical College, Patiala (Punjab) |
| 15. | ENT                | Dr. Gagandeep Kaur       | Correlation of clinical, Radiological & Histopathological diagnosis among patients with sinonasal mass   |
| 16. | ENT                | Dr. Gurleen Kaur         | A comparision of microdebrider assisted adenoidectomy and adenoid curette adenoidectomy  |
| 17. | ENT                | Dr. Ishita               | A study on intratemporal facial nerve anatomy and its variations in 30 cases of  |

|     |          |                       |  |
|-----|----------|-----------------------|--|
|     |          |                       | cadaveric temporal bones   |
| 18. | ENT      | Dr. Jasmeet Kaur      | To study the role of cartilage graftin audiological and otologic outcomes  |
| 19. | ENT      | Dr. Jasmine Ratti     | A study to compare clinical profile of allergic fungal rhinosinusitis in adult and paediatircs population  |
| 20. | ENT      | Dr. Peeyush Verma     | Hearing assessment in patients of allergic rhinitis: A study on 200 subjects   |
| 21. | ENT      | Dr. Taranjot Kaur     | Audiological assessment in juvenile insulin dependent diabetes mellitus patients   |
| 22. | Medicine | Dr. Amandeep Kaur     | Study of diagnostic efficacy of phes in minimal hepatic encephalopathy in patients of cirrhosis of liver   |
| 23. | Medicine | Dr. Amit Kumar Gupta  | Study of factors causing pre- hospital delay in patients of acute stroke   |
| 24. | Medicine | Dr. Gourav Bansal     | Study of spectrum of hepatic abnormalities including sero-prevelance of hepatitis b and hepatitis c coinfection in HIV infected individuals and their correlation with cd4 count |
| 25. | Medicine | Dr. Gurpreet Singh    | Study of prognostic factors associated with in-hospital mortality in patients with spontaneous bacterial peritonitis   |
| 26. | Medicine | Dr. Harsimran Kaur    | Study of frequency and role of cardiometabolic risk factors and outcomes in acute coronary syndrome  |
| 27. | Medicine | Dr. Ira Chaudhary     | To study prevalence of uropathogens and antimicrobial susceptibility in diabetics  |
| 28. | Medicine | Dr. Kanwer Preet Kaur | HIV associated neurocognitive dysfunction and its association with CD4 count in HIV positive patients  |
| 29. | Medicine | Dr. Lakshay Narang    | To study the echocardiographic profile of patients with atrial fibrillation in north   |

|     |               |                    |  |
|-----|---------------|--------------------|--|
|     |               |                    | indian population  |
| 30. | Medicine      | Dr. Mallika Jain   | Study of cardiovascular dysfunction in chronic liver disease patients and its relation with CTP scoring                        |
| 31. | Medicine      | Dr. Mamta Sunda    | A study to assess dyslipidemia in prediabetes  |
| 32. | Medicine      | Dr. Sarika         | To study correlation of lipid profile with grading hypertension in newly diagnosed hypertensive patients                       |
| 33. | Medicine      | Dr. Umang          | Endoscopic evaluation and clinical outcome in patients of upper gastrointestinal bleed.  |
| 34. | Obst. & Gynae | Dr. Anupreet Kaur  | To study the Maternal and foetal outcome in preterm premature rupture of membranes   |
| 35. | Obst. & Gynae | Dr. Arshdeep Kaur  | Comparative evaluation of maternal and perinatal outcome in women with borderline AFI and oligohydramnios in third trimester   |
| 36. | Obst. & Gynae | Dr. Bhavna         | Comparative study of misoprostol alone versus mifepristone and misoprostol for induction of labour in intrauterine fetal death |
| 37. | Obst. & Gynae | Dr. Hargun Sahiwal | Thrombocytopenia during pregnancy and its outcome: A prospective study.  |
| 38. | Obst. & Gynae | Dr. Kirandeep Kaur | A study of IV labetalol versus oral nifedipine in severe hypertension of pregnancy   |
| 39. | Obst. & Gynae | Dr. Navdeep Kaur   | Study of lower uterine segment cesarean scar thickness preoperatively by TVS and its comparison with intra-operative finding   |
| 40. | Obst. & Gynae | Dr. Nupur Saini    | Birth after previous caesarean section   |
| 41. | Obst. & Gynae | Dr. Renu           | Association of C-reactive protein, serum uric acid and serum Idh in prediction of  |

|     |               |                       |   |
|-----|---------------|-----------------------|---|
|     |               |                       | pre-eclampsia.  |
| 42. | Obst. & Gynae | Dr. Ritika Bist       | Colposcopic finding in women of reproductive age group using various contraceptions   |
| 43. | Obst. & Gynae | Dr. Rupali Tondon     | Comparative study of misoprostol 25 micrograms versus 50 micrograms for induction of labour   |
| 44. | Obst. & Gynae | Dr. Vishakha Singh    | Role of innovative balloon tamponade in atonic post partum haemorrhage  |
| 45. | Ophthalmology | Dr. Himani Gupta      | To study and compare normative anterior segment parameters with pentacam in north indian population falling in age group 20-25 years and 45-55 years.   |
| 46. | Ophthalmology | Dr. Isha Dhingra      | Clinical profile of dry eye in type-2 diabetes mellitus patient in ophthalmology opd in Government Medical College, Paitala.  |
| 47. | Ophthalmology | Dr. Mandeep Kaur      | To compare the efficacy and side effect profile of brinzolamide 1% / brimonidine 0.2% fixed combination versus brimonidine 0.2% / timolol 0.5% fixed combination in patients with primary open angle glaucoma and ocular hypertension |
| 48. | Ophthalmology | Dr. Monika Netam      | To assess the anterior chamber parameters using pentacam in primary angle closure suspects following peripheral laser iridotomy   |
| 49. | Ophthalmology | Dr. Priya Kapila      | To study the efficacy of adding fixed drug combination of brinzolamide 1% brimonidine 0.2% as adjunctive therapy to prostaglandin monoherapy in patients with primary open angle glaucoma   |
| 50. | Ophthalmology | Dr. Raminderjit Singh | To evaluate changes in tear film before and after pterygium surgery with conjunctival autograft   |



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|-----|--------------|-------------------------|---|
| 51. | Orthopaedics | Dr. Akhil Sarin         | Functional outcomes of proximal fibular osteotomy in osteoarthritis knee (30 cases)   |
| 52. | Orthopaedics | Dr. Deepak Girdhar      | Role of caudal epidural injections in management of chronic low back ache (A study of 50 cases)   |
| 53. | Orthopaedics | Dr. Dharminder Singh    | Comparison study of valgus intertrochanteric osteotomy and fibular graft in the management of non union of fracture neck of femur (15 cases each)   |
| 54. | Orthopaedics | Dr. Dharmvir            | To compare the functional outcomes of olecranon fracture managed by tension band wiring vs transcortical screw fixation (cases of 15 each)  |
| 55. | Orthopaedics | Dr. Gitesh Singh        | Management of post traumatic bone loss by masquelet technique : A study of 20 cases   |
| 56. | Orthopaedics | Dr. Nitish Kohli        | 3d MRI study in congenital club foot (CTEV) (30 cases)  |
| 57. | Orthopaedics | Dr. Sudhanshu Arya      | Ankle injuries: various presentations and their functional outcomes; A study of 50 cases.   |
| 58. | Orthopaedics | Dr. Tarun Behal         | Comparative study comparing functional outcome of mipo Vs open reduction and internal fixation with LCP in distal 1/3 <sup>rd</sup> shaft tibia fractures (extraarticular). (15 cases each) |
| 59. | Paediatrics  | Dr. Supreet Kaur        | To evaluate effects of maternal hypothyroidism on neonate thyroid profile   |
| 60. | Paediatrics  | Dr. Gursewak Singh Gill | Evaluation of MRI changes in brain of newborns with hypoxic-Ischemic encephalopathy clinical stage I,II, III  |
| 61. | Paediatrics  | Dr. Harpinder Singh     | A prospective study of mortality and morbidity patterns of preterm and term babies in the department of paediatrics of Govt. Medical College, Patiala and Rajindra Hospital Patiala         |

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| 62. | Paediatrics | Dr. Jaspreet SinghVirdi | To Study the outcome of preterm infants with respiratory distress on cpap  |
| 63. | Paediatrics | Dr. Navneet Kaur        | The role of lung ultrasonography in the diagnosis of pneumonia in hospitalized children  |
| 64. | Paediatrics | Dr. Navpreet Kaur       | To estimate vitamin D levels in children with thalassemia major  |
| 65. | Paediatrics | Dr. Pooja Singh         | To study the effect of obesity, allergic rhinitis and gastro oesophageal reflux disease on control of bronchial asthma in children aged 5yrs- 16yrs. |
| 66. | Pathology   | Dr. Apoorva Nigam       | Spectrum of hepatic pathologies in medicolegal autopsies   |
| 67. | Pathology   | Dr. Arshiya Bansal      | To study the age-wise spectrum of neoplastic and non-neoplastic and cytomorphological study in 100 cases in a tertiary care hospital                 |
| 68. | Pathology   | Dr. Deepika Wadhera     | Histopathological spectrum of endometrium in patients with abnormal uterine bleeding   |
| 69. | Pathology   | Dr. Ira Moudgill        | Clinicohistopathological evaluation of neoplasms of skin and adnexae   |
| 70. | Pathology   | Dr. Javia Singh Raina   | Correlation of peripheral blood film and bone marrow findings in cases of pancytopenia   |
| 71. | Pathology   | Dr. Lavleen Bharti      | Study of quality indicators in blood transfusion services in tertiary care hospital of north india.  |
| 72. | Pathology   | Dr. Najinder Preet Kaur | Cytodiagnosis of thyroid lesion using Bethesda system with hitopathological correlation  |
| 73. | Pathology   | Dr. Navjot Kaur         | To evaluate urinary liquid based cytology, cystoscopic and Histopathological findings in cases of carcinoma of urinary bladder                       |

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| 74. | Pathology      | Dr. Samidha Jindal    | Morphological spectrum of gall bladder lesions and their correlation with cholelithiasis and agyrophillic nucleolar organizer regions (AgNoRs) A prospective study |
| 75. | Pathology      | Dr. Vinay Guriaya     | Clinicopathological analysis of bone marrow aspiration and trephine biopsy in cases of severe anemia- A study of 50 cases  |
| 76. | Pharmacology   | Dr. Ena Bhajni        | To compare the efficacy, safety, cost-effectiveness and quality of life of azilsartan versus telmisartan in patients of stage I hypertension.                      |
| 77. | Pharmacology   | Dr. Perbhat Kansal    | To study the prescription auditing in patients of bronchial asthma   |
| 78. | Pharmacology   | Dr. Shrey Bhatia      | A comparative analysis of efficacy, safety and effect on quality of life of mirabegron versus solifenacin in patients with overactive bladder                      |
| 79. | Psychiatry     | Dr. Ajay Kumar        | Study of psychiatric morbidity and quality of life among orthopeadically challenged individuals  |
| 80. | Psychiatry     | Dr. Deepam Kundal     | To find out the therapeutic efficacy of rhemercise (kabaddi yoga) in patients of opioid use disorder   |
| 81. | Psychiatry     | Dr. Navneet Kaur      | Comparative study of caregiver burden, coping strategies and quality of life among working women and homemakers taking care of psychiatric patients.               |
| 82. | Radiodiagnosis | Dr. Dimple Mittal     | Role of MRI in patients presenting with non acute headache   |
| 83. | Radiodiagnosis | Dr. Manish Kumar Garg | Comparison between radiography and MRI features in evaluation of osteoarthritis of knee joint  |
| 84. | Radiodiagnosis | Dr. Parminder Kaur    | Role and correlation of high resolution ultrasound and magnetic resonance imaging in evaluation of patients with rotator cuff injury                               |
| 85. | Radiodiagnosis | Dr. Piyush Singh      | Placenta location and uterine artery Doppler assessment at 18 to 24 weeks as   |

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|            |                       |                              | <b>predictors of Pre-eclampsia and IUGR</b>  |
| <b>86.</b> | <b>Radiodiagnosis</b> | <b>Dr. Sahil Chabbra</b>     | <b>MRI evaluation of painful hip joint and its correlation with plain radiography</b>  |
| <b>87.</b> | <b>Radiodiagnosis</b> | <b>Dr. Sarita</b>            | <b>Study on ultrasonographic parameters in predicting abortion in patients between 6-12 weeks of pregnancy</b>   |
| <b>88.</b> | <b>Radiodiagnosis</b> | <b>Dr. Simran Jeet Singh</b> | <b>Spectrum of magnetic resonance imaging abnormalities in paediatric seizures.</b>  |
| <b>89.</b> | <b>Radiodiagnosis</b> | <b>Dr. Vimallesh V S</b>     | <b>Role of magnetic resonance imaging and spectroscopy in evaluation of CNS abnormalities associated with human immunodeficiency virus infection.</b>  |
| <b>90.</b> | <b>Radiodiagnosis</b> | <b>Dr. Yogesh Garg</b>       | <b>MRI evaluation of patients with low backpain in study of 40 cases.</b>  |
| <b>91.</b> | <b>Skin &amp; VD</b>  | <b>Dr. Aarushi Kaushik</b>   | <b>Direct correlation of serum adiponectin levels in psoriasis independent of cardiovascular risk factors and its association with disease severity</b>  |
| <b>92.</b> | <b>Skin &amp; VD</b>  | <b>Dr. Amandeep Riyat</b>    | <b>Study of Dermatoses in obese paediatric population and relation of acanthosis nigricans with adiponectin levels</b>   |
| <b>93.</b> | <b>Surgery</b>        | <b>Dr. Alok Goyal</b>        | <b>Tep versus Tapp: comparison of perioperative outcome in primary unilateral hernia.</b>  |
| <b>94.</b> | <b>Surgery</b>        | <b>Dr. Anirudh Gupta</b>     | <b>A comparative study of intraperitoneal instillation of normal saline, ropivacaine and bupivacaine in gall bladder fossa for postoperative pain management after laparoscopic cholecystectomy.</b> |
| <b>95.</b> | <b>Surgery</b>        | <b>Dr. Atul Pruthi</b>       | <b>Role of preoperative magnetic resonance cholangiopancreatography in predicting difficult laparoscopic cholecystectomy</b>   |
| <b>96.</b> | <b>Surgery</b>        | <b>Dr. Deepak</b>            | <b>Primary repair versus loop ileostomy, in the management of enteric ileal perforation</b>  |

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| 97.  | Surgery | Dr. Ishan Arora      | Comparative study of self-gripping progrip (polyester knit with resorbable polylactic acid microbrips) mesh versus polypropylene mesh in ventral hernia repair. |
| 98.  | Surgery | Dr. Kamakshi. M.R    | Comparison of prolene and prolene-vicryl composite mesh in the repair of inguinal hernias   |
| 99.  | Surgery | Dr. Karthic Raja     | To evaluate the role of transdermal diclofenac (NU Patch) in post operative pain management   |
| 100. | Surgery | Dr. Prasanth         | Facial nerve trunk variations in benign parotid gland tumours – A combined surgical and anatomical study  |
| 101. | Surgery | Dr. Saurav Mittal    | A comparative study: Standard four port Vs three port laparoscopic cholecystectomy  |
| 102. | Surgery | Dr. Savijot Singh    | A study for correlation of clinical and Histopathological spectrum of gall bladder disease  |
| 103. | Surgery | Dr. Shivam Bhalla    | A Comparative study of pattern of post operative leukytosis and fever in elective and emergency surgery cases   |
| 104. | Surgery | Dr. Shivanshu Kundal | A prospective and comparatative study for the role of antibiotics in prognosis of acute pancreatitis  |
| 105. | Surgery | Dr. Sonia Aggarwal   | To study efficacy of Rotterdam and vamc scores for predicting abdominal wound dehiscence  |
| 106. | Surgery | Dr. Sunil Sagar      | A comparative study in the treatment of anal fissure: closed vs open lateral internal anal sphincterotomy   |
| 107. | Surgery | Dr. Urvashi Meena    | To study the comparison of mass closure of vertical laparotomy wounds with  |

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|             |                          |                                 | <b>polyglactin (vicryl) suture v/s polypropylene (prolene) suture</b>  |
| <b>108.</b> | <b>Surgery</b>           | <b>Dr. Vikram Garg</b>          | <b>Evaluate the feasibility of flip technique in dissection of gall bladder from the liver bed in laparoscopic cholecystectomy and its comparison with standard laparoscopic cholecystectomy</b> |
| <b>109.</b> | <b>Surgery</b>           | <b>Dr. Vishawpal Singh</b>      | <b>To study the factors influencing wound dehiscence following laparotomy- A prospective study of 50 cases</b>   |
| <b>110.</b> | <b>Surgery</b>           | <b>Gagandeep Singh Anand</b>    | <b>A comparative study of direct trocar insertion (visiport) in creating pneumoperitoneum for laparoscopic cholecystectomy for laparoscopic cholecystectomy</b>                                  |
| <b>111.</b> | <b>Obst. &amp; Gynae</b> | <b>Dr. Gaganpreet Kaur Gill</b> | <b>Hysteroscopic evaluation in postmenopausal bleeding</b>   |
| <b>112.</b> | <b>Surgery</b>           | <b>Dr. Karthic Raja</b>         | <b>Comparative analysis of intramuscular diclofenac injection vs transdermal diclofenac (NU Patch) in post operative pain management</b>   |
| <b>113.</b> | <b>Anaesthesia</b>       | <b>Dr. Sukhdeep Kaur</b>        | <b>Comparison of ropivacaine 0.2% alone and in combination with fentanyl for caudal anesthesia in paediatric patients</b>  |
| <b>114.</b> | <b>Anaesthesia</b>       | <b>Dr. Bindu Kaushal</b>        | <b>Comparative evaluation of levobupivacaine-fentanyl and ropivacaine-fentanyl in epidural anesthesia in lower limb orthopaedic surgeries in elderly patients</b>                                |
| <b>115.</b> | <b>Surgery</b>           | <b>Dr. Sony Kumar</b>           | <b>Comparative study between bisap and ranson's score in predicting severity of acute pancreatitis.</b>  |

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| <b>116.</b> | <b>M.Sc Physiology</b> | <b>Ms. Vaishali Garg</b> | <b>To evaluate the effect of chronic renal disease on brainstem auditory evoked</b> |
| <b>117.</b> | <b>M.Sc Physiology</b> | <b>Ms. Sheena</b>        | <b>Effect of depression on heart rate variability in age group of 18-65 year</b>    |







