

OM SAKTHI								
MELMARUVATHUR ADHIPARASAKTHI INSTITUTE OF MEDICAL SCIENCES AND RESEARCH								
MELMARUVATHUR - 603319								
APPROVED RESEARCH PROJECTS IN EC MEETING ON 08.12.2023								
Sl. No	Name of the Institution	Title of the Projects (Department Wise)	Tenure of the Project	Name of the Funding agency	Sources of funding		Total no of projects (all departments ) from the Institution	Total amount Sanctioned for each Project
					Intramural Research	Extramural Research		
1	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. V. JANANI, Pathology</b> IMMUNOHISTOCHEMICAL EXPRESSION OF BCL-2 MARKER IN GASTRIC LESIONS AND ITS PROGNOSTIC SIGNIFICANCE : A CROSS – SECTIONAL STUDY IN A TERTIARY CARE HOSPITAL	January 2024-December 2025.	-	-	-	-	-
2	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. C. MEENAKSHI, Pathology</b> HISTOMORPHOLOGICAL CORRELATION OF SQUAMOUS CELL CARCINOMA AT VAROUS SITES WITH IMMUNOHISTOCHEMICAL MARKER CYCLIN D1 EXPRESSION PATTERN – A CROSS- SECTIONAL STUDY IN A TERTIARY CARE HOSPITAL	January 2024-December2025	-	-	-	-	-

3	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. K.VIJAY, Paediatrics</b>  UMBILICAL CORD BLOOD pH AND LACTATE DEHYDROGENASE (LDH) AS PREDICTORS OF IMMEDIATE OUTCOMES IN NEONATES WITH PERINATAL HYPOXIA – A CROSS SECTIONAL STUDY IN A TERTIARY CARE CENTRE IN SOUTH INDIA	February 2024 to February 2026	-	-	-	-
4	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. GOWTHAM SAKTHIVEL, Paediatrics</b>  CLINICAL PROFILE AND OUTCOMES OF SCRUB TYPHUS IN CHILDREN-A CROSS SECTIONAL STUDY IN A TERTIARY CARE HOSPITAL IN SOUTH INDIA	February 2024 to February 2026	-	-	-	-
5	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. M. JAYANTHI GAYATHRI, Biochemistry</b>  AN OBSERVATIONAL STUDY ON SERUM MAGNESIUM LEVELS AND ITS CORRELATION WITH PLASMA RENIN ACTIVITY AMONG HYPERTENSIVE PATIENTS AT A TERTIARY CARE HOSPITAL IN SOUTH INDIA	Jan 2024 – Dec 2025	-	-	-	-
6	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR.SURYA MANIVASAKAN, Biochemistry</b>  AN OBSERVATIONAL CASE CONTROL STUDY ON LEVELS OF OXIDATIVE STRESS MARKER (URIC ACID),OXIDATIVE INFLAMMATORY MARKER (FERRITIN) AMONG TYPE 2 DIABETES MELLITUS PATIENTS AT A TERTIARY CARE INSTITUTE IN SOUTH INDIA	January 2024 - December 2025	-	-	-	-

7	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. PK. RAKSHA KHAVEYYA, Community Medicine</b>  THE RELATIONSHIP BETWEEN SOCIAL MEDIA USAGE AND SELF-ESTEEM AMONG THE COLLEGE STUDENTS OF CHENGALPATTU DISTRICT, TAMIL NADU – A COMMUNITY BASED MIXED METHOD STUDY	Jan 2024 – December 2025	–	–	–	–
8	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. S. JOEZER JOASH, Community Medicine</b>  MUSCULOSKELETAL DISORDERS, SLEEP DISTURBANCES AND ASSOCIATED OCCUPATIONAL STRESS AMONG FULL TIME HANDLOOM WEAVERS IN KANCHIPURAM DISTRICT OF TAMIL NADU, A CROSS SECTIONAL STUDY	Jan 2024 – Dec 2025	–	–	–	–
9	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. M. ATHMIKA, Microbiology</b>  PHENOTYPIC AND GENOTYPIC DETECTION OF CARBAPENEMASE PRODUCING ENTEROBACTERIACEAE CAUSING URINARY TRACT INFECTION IN A TEACHING HOSPITAL-A PROSPECTIVE STUDY	April 2024 to March 2025	–	–	–	–

10	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. FATHIMA S SHAJEER, Microbiology</b>  A STUDY OF CLINICAL PROFILE AND THE DETECTION OF LEPTOSPIROSIS BY SEROLOGICAL AND MOLECULAR DETECTION METHODS IN A TEACHING HOSPITAL	March 2024 to April 2025	-	-	-	-
11	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. B. BIPIN CHANDRA, Anaesthesiology</b>  COMPARISON OF NERVE BLOCK CHARACTERISTICS BETWEEN ULTRASOUND-GUIDED CLAVIPECTORAL FASCIAL PLANE BLOCK AND INTERSCALENE BRACHIAL PLEXUS BLOCK WITH SUPERFICIAL CERVICAL PLEXUS BLOCK FOR CLAVICULAR SURGERY: A PROSPECTIVE, DOUBLE BLINDED, RANDOMIZED CONTROL TRIAL	February 2024 to July 2025	-	-	-	-
12	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR.V. SIVASUBRAMANIAN, Anaesthesiology</b>  COMPARISON OF THE EFFICACY AND SAFETY OF PROPOFOL AND REMIFENTANIL WITH DEXMEDETOMIDINE AND KETAMINE FOR SEDATION IN COLONOSCOPY PATIENTS: A DOUBLE BLINDED PROSPECTIVE RANDOMIZED CONTROLLED TRIAL	18 months	-	-	-	-

13	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. R. PRAVEEN, Anaesthesiology</b>  COMPARISON OF ULTRASOUND GUIDED-ERECTOR SPINAE PLANE BLOCK VERSUS THORACOLUMBAR INTERFASCIAL PLANE BLOCK FOR POSTOPERATIVE ANALGESIA IN LUMBAR SPINE SURGERY: EXPERIMENTAL STUDY	March 2024-September 2025	-	-	-	-
14	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. G. MANOJ PANDYAN, Pharmacology</b>  A COMPARATIVE STUDY ON ANTI INFLAMMATORY EFFECT OF ATORVASTATIN VERSUS ROSUVASTATIN AMONG DYSLIPIDEMIA PATIENTS AT A TERTIARY CARE CENTRE HOSPITAL	Feb24-Feb25	-	-	-	-
15	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. B. ISAI AMUTHU, Pharmacology</b>  A COMPARATIVE STUDY ON EFFICACY AND SAFETY OF DOXOFYLLINE VERSUS THEOPHYLLINE AMONG MILD BRONCHIAL ASTHMA PATIENTS WITH $\beta$ 2 AGONIST IN A TERTIARY CARE HOSPITAL	Feb24-Feb25	-	-	-	-

16	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. B. ELAVARASAN, Pharmacology</b>  COMPARISON OF EFFICACY AND SAFETY OF LOTEPRDNOL ETABONATE 0.5% AND TOBRAMYCIN 0.3% (COMBINATION) WITH TOBRAMYCIN 0.3% ALONE IN THE TREATMENT OF PATIENTS WITH BLEPHAROKERATOCONJUNCTIVITIS	February 2024 to August 2025	-	-	-	-
17	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. P. ARUNPRASATH, Pharmacology</b>  A COMPARATIVE STUDY ON EFFICACY OF GABAPENTIN VERSUS NORTRIPTYLINE IN PATIENTS WITH PAINFUL DIABETIC PERIPHERAL NEUROPATHY AT A TERTIARY CARE HOSPITAL	One year	-	-	-	-
18	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. A. HENRY JONES, General Medicine</b>  A CROSS SECTIONAL STUDY TRIGLYCERIDES - GLUCOSE INDEX AS A MARKER OF INSULIN RESISTANCE IN TYPE II DIABETES MELLITUS AND IT'S ASSOCIATION WITH METABOLIC SYNDROME IN A TERITARY CARE HOSPITAL	February 2024- June 2025	-	-	-	-

19	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. B. NAVEENA, General Medicine</b>  A PROSPECTIVE STUDY ON CORRELATION OF HBA1C WITH ELECTRODIAGNOSTIC PARAMETERS OF CARDIC AUTONOMIC NEUROPATHY IN TYPE 2 DIABETES MELLITUS IN A TERTIARY CARE CENTRE IN SOUTH INDIA	February 2024 to July 2025	-	-	-	-
20	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. P. NAVEEN RAJ, ENT</b>  AN OBSERVATIONAL STUDY ON THE CAUSES , NEURO –OTOLOGICAL MANIFESTATIONS AND SIGNATURE PATTERNS OF TEMPORAL BONE FRACTURE IN CONSCIOUS AND UNCONSCIOUS PATIENTS WITH HEAD INJURY AT A TERTIARY CARE INSTITUTE	February 2024 - February 2026	-	-	-	-
21	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. V. KAVIYARASI, ENT</b>  A PROSPECTIVE STUDY TO COMPARE HEARING IMPROVEMENT IN PATIENTS WITH SENSORINEURAL HEARING LOSS USING INTRATYMPANIC PLATELET RICH PLASMA VERSUS STEROID INJECTION AT A TERTIARY CARE HOSPITAL	January 2024 - January 2026	-	-	-	-

22	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. P.A. PRIYANKA, Radio Diagnosis</b>  A PROSPECTIVE STUDY OF HIGH RESOLUTION COMPUTED TOMOGRAPHY (HRCT) FINDINGS OF TEMPORAL BONE IN CHOLESTEATOMA AND ITS COMPARISON WITH INTRAOPERATIVE FINDINGS	18 months	-	-	-	-
23	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. SHEETHAL SAJEEV KOMBARA, Ophthalmology</b>  A CROSS - SECTIONAL STUDY ON PREVALENCE OF PINGUECULA VERSUS PTERYGIUM AMONG DYSLIPIDEMIC PATIENTS IN A TERTIARY CARE HOSPITAL	January 2024 and January 2026	-	-	-	-
24	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. KUMARAKURUBHARAN S S, Orthopaedics</b>  A PROSPECTIVE STUDY ON THE CLINICAL OUTCOMES OF ACL RECONSTRUCTION USING QUADRICEPS AUTOGRAFT UNDER ARTHROSCOPIC GUIDANCE AT A TERTIARY CARE CENTRE	May2024- July2025	-	-	-	-



25	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. GEERTHI VASON, Orthopaedics</b>  AN OBSERVATIONAL STUDY OF COMPARISON OF CLINICAL OUTCOMES IN OPEN TRANSFORAMINAL LUMBAR INTERBODY FUSION (OPEN TLIF ) AND MINIMALLY INVASIVE TRANSFORAMINAL LUMBAR INTERBODY FUSION (MIS – TLIF ) IN SINGLE LEVEL LUMBAR SURGERIES PERFORMED IN A TERTIARY CARE CENTRE	February 2024 to January 2025	-	-	-	-
26	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. T. SUNDARESHWAR, Orthopaedics</b>  COMPARISON OF FUNCTIONAL AND RADIOLOGICAL OUTCOMES OF INTER TROCHANTIC FRACTURES TREATED WITH LONG STEM BIPOLAR HEMIARTHROPLASTY AND PROXIMAL FEMORAL NAIL SYSTEM A PROSPECTIVE STUDY IN TERTIARY CARE HOSPITAL	18 months	-	-	-	-
27	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. R. SRINATH, Orthopaedics</b>  A RETROSPECTIVE CLINICAL AND RADIOLOGICAL STUDY TO ASSES THE RISK OF FLEXOR TENDON RUPTURE BY USING SOONG CLASSIFICATION IN ALL DISTAL RADIUS FRACTURE FIXED WITH VOLAR PLATING	December2023- May 2024	-	-	-	-

28	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	<b>DR. S. ABDUL KADAR, Orthopaedics</b>  A PROSPECTIVE STUDY ON FUNCTIONAL AND RADIOLOGICAL OUTCOMES OF PROXIMAL HUMERUS FRACTURES TREATED WITH PROXIMAL HUMERUS INTERNAL LOCKING SYSTEM IN A TERTIARY CARE HOSPITAL	November 2023 to April 2024	-	-	-		-
----	---	--	-----------------------------------	---	---	---	--	---