



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ, ಬೆಂಗಳೂರು
Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore
 4th T Block, Jayanagar, Bangalore – 560 041

SELECTED LIST OF FACULTY RESEARCH PROJECTS FOR THE YEAR 2025-26

Sl.No	Project code	Faculty	Principal Investigator Name	Title of the Research study	Department	Name of the College	Amount
1	25AHS001	AHS (ALLIED HEALTH SCIENCES)	Dr C P CHANDRAPPA	Green Synthesis, Characterization and formulation of metal nanoparticles for biomedical applications against Multidrug Resistant Bacteria.	Clinical Research	SHRIDEVI INSTITUTE OF ALLIED HEALTH SCIENCES	1155000
2	25AYU037	AYURVEDA	Dr Prashantha K	Experimental Evaluation of Wound Healing Activity of Guduchi (Tinospora cordifolia) Patradana in Wistar Albino Rats	Shalyatantra	Sri Dharmasthala Majunatheshwara College of Ayurveda Hospital and Research Centre, Udupi	300000
3	25AYU040	AYURVEDA	Dr Priyanka BV	Analytical and Randomized clinical trail to study the concept ಉಷ್ಣೋದಕಕುಮ್ಮ ಬಾಷ್ಪಾಭಿತಪ್ತಾನಿ ಖಜಮಥಿತಾ - in Niruha Basti Preparation with special reference to Erandamuladi Niruha Basti.	Ayurveda Samhita and Siddhanta	Sri Kalabyraveshwara Swamy Ayurvedic Medical College Hospital and Research Center	434500
4	25AYU044	AYURVEDA	Dr Ravi A Badiger	An Experimental study to Evaluate the Efficacy of Beeja Samskara (Seed Treatment) and Kunapajala prayoga in the Cultivation of	Dravyaguna	Shri Shivayogeeswhara Rural Ayurveda Medical College and Hospital Inchal	200000
5	25AYU052	AYURVEDA	Dr Shashirekha S D	Comparative Evaluation of Glycemic Response and Quality of Life Following Ingestion of Sugar, Honey, Palm Jaggery, and Jaggery in Prediabetic Individuals - A Crossover Study.	Swasthavritta & Yoga	Sri Kalabyraveshwara Swamy Ayurvedic Medical College, Hospital & Research Centre, Bangalore	115000
6	25AYU054	AYURVEDA	DR SHUBHA P U	PHYTOCHEMICAL & BIOLOGICAL SCREENING OF GARALAGHNA RASAYANA IN VITRO STUDY	AYURVEDA	SDM COLLEGE AYURVEDA, HOSPITAL & RESEARCH CENTRE	280000
7	25AYU056	AYURVEDA	Dr SUNAYANA J	Development and Validation of an AI-Powered Personalized Ayurvedic Diet Management Tool for Dysmenorrhea	SWASTHAVRITTA AND YOGA	SRI KALABYRAVESHWAR A SWAMY AYURVEDA MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE	175000
8	25AYU061	AYURVEDA	Dr Vijayalaxmi Mallannavar	A COMPARATIVE CLINICAL STUDY OF APAMARGA KSHARA TAILA PRATIMARSHA NASYA AND KUMARABHARANA RASA VERSUS	Kaumarabhritya	Sri Dharmasthala Manjunatheshwara College of Ayurveda and Hospital, Hassan	300000
9	25AYU070	AYURVEDA	Dr. MADHUSHREE H. S.	A RANDOMIZED OPEN LABELLED COMPARATIVE CLINICAL STUDY ON THE EFFICACY OF VIRECHANA KARMA IN COMPARISON TO LEKHANA BASTI IN	PANCHAKARMA	SRI SRI COLLEGE OF AYURVEDIC SCIENCE AND RESEARCH, BENGALURU.	800000

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10	25AYU075	AYURVEDA	Dr. Ravishankar A G	A Comparative Experimental Study on the Wound Healing Potential of Herbomineral Ointment - Impregnated Tulle and Jatyadi Ointment - Impregnated Tulle in an	Shalyatantra	Prasanna College of Ayurveda And Hospital	150000
11	25AYU079	AYURVEDA	Dr. Satish I. Barker	Evaluating the effect of Vrikshayurveda manures Kunapa jala and Pancha gavya as source of plant bio stimulant on the production of Gluten proteins of wheat (<i>Triticum aestivum</i> L.)	Dravya Guna	Rajiv Gandhi Education Society's Ayurvedic Medical College, Hospital and PG Research Centre, Ron	300000
12	25AYU081	AYURVEDA	DR. SHASHIKANT B NIDAGUNDI	An Ethnobotanical Survey of Medicinal Plants in the Badami-Mahakuta Region: Exploring Traditional Healing Practices, Biodiversity, and Identification of Toxic and	DRAVYAGUNA	SHRI VEER PULIKESHI RURAL AYURVEDIC MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTER BADAMI	300000
13	25AYU082	AYURVEDA	Dr. Sreeja V.	THE COMPARATIVE CLINICAL TRIAL OF UTTARA BASTI AND MATRA BASTI WITH KALYANAKA GHRIITA IN THE MANAGEMENT OF KSHEENA SHUKRA W.S.R.	PRASOOTHI TANTRA AND STREEROGA	SHREE JAGADGURU GAVISIDDHESHWARA AYURVEDA MEDICAL COLLEGE, KOPPAL	200000
14	25AYU088	AYURVEDA	DR.RANJANA K	PHARMACEUTICO-ANALYTICAL STANDARDIZATION AND CYTOTOXIC EVALUATION OF DUSHIVISHARI AGADA ON NORMAL AND	DEPARTMENT OF PG STUDIES IN AGADATANTRA	SDM COLLEGE OF AYURVEDA HOSPITAL AND RESEARCH CENTRE,KUTHPADY, UDUPI	304000
15	25AYU091	AYURVEDA	Dr.SHRIDEVI REDDI	A Comparative Clinical study to evaluate the effect of Trayavartha lepa and Vachadi lepa as a yonigadhikarana voga in pelvic organ	PRASUTI TANTRA AND STREEROGA	SRI KALABYRAVESHWAR A AYURVEDIC MEDICAL COLLEGE,HOSPITAL AND RESEARCH CENTRE,VIJAYNAGAR	207000
16	25DEN098	DENTAL	Dr Heena Zainab	Genomic Characterization of Oral Potentially Malignant Disorder & Oral Squamous Cell Carcinoma: A Prospective Study in Kalaburagi Region	Oral Pathology and Microbiology	Al-Badar Rural Dental College and Hospital	460000
17	25DEN120	DENTAL	Dr Varsha VK	Application of Deep learning algorithms to predict lymph node metastasis in oral squamous cell carcinoma using patterns of invasion from digitized histopathology	Oral & Maxillofacial Pathology	Rajarajeshwari Dental college & Hospital	580000
18	25DEN124	DENTAL	DR. DHANALAKSHMI P.	EFFECT OF DIODE LASER IRRIDATION ON TGF BETA 1 RELEASE FROM DENTIN TREATED WITH HESPERIDINE HYDROGEL - AN IN VITRO STUDY	DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS	GDCRI , BANGALORE.	250000
19	25DEN138	DENTAL	DR. SNEHA H	CORRELATION OF GONIAL ANGLE SIZE WITH DIABETES MELLITUS IN DENTULOUS AND EDENTULOUS PATIENTS - A RADIOGRAPHIC STUDY.	PROSTHODONTICS AND CROWN & BRIDGE	RAJARAJESWARI DENTAL COLLEGE AND HOSPITAL	100000

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20	25DEN144	DENTAL	DR.NIRUPAMA D N	Clinical Correlation Of Matrix Metalloproteinase-9 (MMP-9) Levels with 0.12% Chlorhexidine Gluconate As A Hemostatic Agent on Partial Pulpotomy Survival Time in	CONSERVATIVE DENTISTRY AND ENDODONTICS	VYDEHI INSTITUTE OF DENTAL SCIENCES AND RESEARCH CENTRE	250000
21	25DEN150	DENTAL	DR.SUJATHA. I	“Effect of root conditioning with 5%Fulvic acid, 10%Gallic acid and 10% Glutathione on the expression of growth factors after disinfection of infected root canal.”	CONSERVATIVE DENTISTRY AND ENDODONTICS	KRISHNADEVARAYA COLLEGE OF DENTAL SCIENCE AND HOSPITAL.	295000
22	25HOM157	HOMEOPATHY	DR SAVIONA FERNANDES	Clinical studies, Cell culture and in vitro investigations to unravel the therapeutic and molecular mechanisms underlying the dermatological benefits of <i>Berberis Aquifolium</i> , an	HOMOEOPATHY	FATHER MULLER HOMOEOPATHIC MEDICAL COLLEGE AND HOSPITAL	378110
23	25HOM159	HOMEOPATHY	DR SUKHADEV VAIDYA	“EFFICACY OF BERBERIS VULGARIS, A HOMEOPATHIC MEDICINE, IN THE MANAGEMENT OF CALCANEAL SPUR PAIN AND SIZE REDUCTION: A	DEPARTMENT OF REPERTORY	FATHER MULLER HOMOEOPATHIC MEDICAL COLLEGE AND HOSPITAL	110000
24	25HOM160	HOMEOPATHY	Dr Vilma Meera DSouza	A Comparative study on Effectiveness of Homoeopathic Remedies, Sulphur and Lachesis in the Management of Menopausal syndrome	Obstetrics and Gynecology	Father Muller Homoeopathic Medical college and Hospital	250000
25	25MED163	MEDICAL	Dr Ananya Chakraborty	Chemotoxicity and pretreatment dihydropyrimidine dehydrogenase analysis in patients on fluoropyrimidine based chemotherapy at a tertiary	Pharmacology	Vydehi Institute of Medical Sciences & Research Centre	350000
26	25MED164	MEDICAL	DR ASHA B	Exploring the Adoption of Eco-Friendly Menstrual Products: Insights from a Mixed Methods Study	Community Medicine	SS Institute of Medical Sciences and Research Centre, Davanagere	100000
27	25MED174	MEDICAL	Dr Milon V Mitrugotri	Influence of Anaesthesia During Elective Caesarean Section on Neonatal DNA Methylation Patterns of Stress, Neurodevelopment and Immune Response Genes: An Observational	Anaesthesiology	Karnataka Medical College and Research Institute, Hubballi	600000
28	25MED177	MEDICAL	Dr Shubha Jayaram	Evaluation of Vitamin D Receptor (VDR) gene polymorphisms in Multi-Drug Resistant and Drug Sensitive Pulmonary Tuberculosis patients: A Case Control	Biochemistry	Mysore Medical College and Research Institute(MMC&RI)	600000
29	25MED182	MEDICAL	Dr Vinitha.K	Evaluation of antimicrobial resistance (AMR), antibiotic prescription audit and root cause analysis in cancer patients with solid tumours at a tertiary care hospital	Pharmacology	Father Muller Medical College, Mangalore	100000

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30	25MED195	MEDICAL	Dr. Kavitha Yevoor	Decoding Heart Health: A Novel Blood Clot Profiling Approach Using Flow Cytometry	Pathology	Karnataka Medical College and Research Institute	700000
31	25MED197	MEDICAL	Dr. Kriti Bhat K	Promoting Sustainable Menstrual Health Practices: A Behavioural Intervention to Support Menstrual Cup Adoption among Adolescent school girls in Karnataka	Community Medicine	Subbaiah Institute of Medical Sciences	100000
32	25MED198	MEDICAL	Dr. Kumar AB	Comparative Evaluation of Conventional and Novel Inflammatory Biomarkers Following Total Intravenous Versus Balanced General Anaesthesia in Otorhinological Surgeries.	Anesthesiology	Shimoga Institute of Medical Sciences	700000
33	25MED199	MEDICAL	Dr. M.E. Mohan. MBBS., MD.	Strategic approaches for preventing the progression of pulmonary fibrosis using bioactive zerumbone by targeting the PI3K/Akt and TGFβ/Smad signaling pathways.	GENERAL MEDICINE	BGS Global Institute of Medical Sciences	600000
34	25MED207	MEDICAL	Dr. Rajalakshmi Tirumalae	Development and validation of a low-cost permanent anti-fade mounting medium for fluorescent studies in the Pathology laboratory	Pathology	St. John's Medical College	364633
35	25MED209	MEDICAL	Dr. Sandhya Dharwadkar	Outcomes of CyTB test and aqueous multiplex PCR in cases of ocular tuberculosis	Ophthalmology	Mysore medical college & Research institute, Mysore	291000
36	25MED218	MEDICAL	Dr. Vishwanath D	Exploring Cardiac Markers in Sudden Natural Cardiac Death: Insights from Autopsy Findings.	Forensic Medicine	Hassan Institute of Medical Sciences Hassan	428413
37	25MED225	MEDICAL	Vikram Sakaleshpur Kumar	Prospective Cross-Sectional Assessment of Maternal-Neonatal Blood-Lead Burden in Semi-Urban Karnataka	Pediatrics	Subbaiah Institute of Medical Sciences	700000
38	25NUR227	NURSING	BHAGYASHREE M BAGEWADI	A study to explore the effects of (VR) Virtual Reality Box Intervention on Procedural Pain and Anxiety During Venipuncture in Preschool-Aged Children : A Randomized Control Trial	CHILD HEALTH NURSING	BLDEAS SHRI B M PATILINSTITUTE OF NURSING SCIENCES VIJAYAPUR	60000
39	25NUR236	NURSING	DR. BASHEERAHAMED J SIKANDAR	Effectiveness of Companion Plant Care Therapy (CPCT) on Reducing Loneliness, Enhancing Emotional Well-Being, and Improving Functional Engagement	MEDICAL SURGICAL NURSING	B.L.D.E.A's SHRI B.M PATIL INSTITUTE OF NURSING SCIENCES	180000
40	25PHA313	PHARMACY	Dr Uday Raj Sharma	Targeting Triple-Negative Breast Cancer: Mechanistic and Therapeutic Evaluation of Novel Pyrimidine Derivatives Modulating PI3K/Akt and Apoptotic Pathways in In-vitro and In-	Pharmacology	Acharya & BM Reddy College of Pharmacy	500000

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41	25PHA315	PHARMACY	DR VIKRAM T	FORMULATION, OPTIMIZATION AND EVALUATION OF TOPICAL FORMULATION OF SILVER NANOPARTICLES-LOADED EPIDERMAL	PHARMACEUTICS	THE OXFORD COLLEGE OF PHARMACY	600000
42	25PHA317	PHARMACY	Dr. A.MUTHUKUMAR	Metagenomics and Metabolomics studies of Synbiotics on gut-brain axis against MPTP induced Parkinson's Disease in C57VBL/6 Mice.	PHARMACOLOG Y	THE OXFORD COLLEGE OF PHARMACY	731000
43	25PHA318	PHARMACY	Dr. AKILA E	Inhibitory Potential of Phenolic rich fraction of Green Tea Leaf Extract Against Multiple Sclerosis: Molecular Docking, Dynamics, Gold-Silver-copper trimetallic	Pharmacognosy	Al-Ameen College of Pharmacy	375000
44	25PHA337	PHARMACY	Dr. J.Joysa Ruby	"Fabrication of Biodegradable Microneedle Patches for Transpapillary Delivery of Abemaciclib Targeting Breast Cancer"	Pharmacy	Acharya & BM Reddy College of Pharmacy	400000
45	25PHA348	PHARMACY	Dr. Manasi Nikam	Formulation, Optimization and Evaluation of a Novel Nanostructured Lipid Carriers for the Co-delivery of Anticancer Drug and Phytochemical: A Synergistic Approach For	Pharmaceutics	St. John's Pharmacy College, Bengaluru	700000
46	25PHA350	PHARMACY	Dr. Mennuru Nagendra Babu	AI-Integrated Structure-Based Design, Synthesis, and Optimization of Novel Anticancer Derivatives: A Multimodal Approach Using CADD, Molecular Docking, and Dynamics	Pharmaceutical Chemistry	Shridevi Institute of Pharmaceutical Sciences	325000
47	25PHA355	PHARMACY	Dr. Noopur Srivastava	To investigate the potential of fermented Kanji and A2 Kefir milk in preventing high-fat diet and azoxymethane induced colorectal tumorigenesis through restoring gut	Pharmacology	The Oxford College of Pharmacy	742500
48	25PHA366	PHARMACY	Dr. S. RAJASEKARAN	Synthesis, Molecular modelling studies and evaluation of novel 2,3-disubstituted quinazolinone analogs against DMBA induced mammary tumor as potential anti-cancer agent.	Department of Pharmaceutical Chemistry	IKON Pharmacy College	350000
49	25PHA368	PHARMACY	Dr. Sheeba FR	Development of Quercetin and Apigenin Dual-Loaded Cubosomal In Situ Gel for Synergistic Topical Treatment of Psoriasis	Pharmaceutics	Mallige College of Pharmacy	300000
50	25PHA379	PHARMACY	Dr.Kalyani Peluri	Impurity profiling of Lenacapavir by RP-UPLC	PHARMACEUTICAL CHEMISTRY	VYDEHI INSTITUTE OF PHARMACY	370000

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51	25PHA400	PHARMACY	Mr. Abhinandan Munnolli	Evaluation of Ameliorative roll of Amruthapala (Decalepis arayalpathra) on Ethylene glycol-induced urolithiasis in Wistar Rats.	Pharmacology	Bapuji Pharmacy College Davangere	154000
52	25PHA411	PHARMACY	Mrs.Geethapriya Loganathan	“Design, Synthesis via Click Chemistry, Structure-Activity Relationship, and Biological Evaluation of Triazole-Appended Guanidine Derivatives as Selective	Department of Pharmaceutical chemistry	Acharya & BM Reddy College of Pharmacy	550000
53	25PHA424	PHARMACY	RAJESH. R	Discovery of novel small molecular human epidermal growth factor receptor-2 inhibitor for the treatment of breast cancer	Pharmaceutical Analysis	Acharya & BM Reddy College of Pharmacy	400000
54	25PHA429	PHARMACY	Sateesha SB	Microneedle-Assisted Phoenix dactylifera Seed Extract Nanoparticle formulation for Diabetic Foot Ulcer Therapy	Pharmaceutics	Acharya & BM Reddy College of Pharmacy	700000
55	25PHA432	PHARMACY	SUJEET KUMAR	Targeting c-Met Signaling in Mutant Non-Small Cell Lung Cancer: Design and Development of Small Indole-Based Hybrids.	Pharmaceutical Chemistry	Nitte College of Pharmaceutical Sciences	650000
56	25PHA437	PHARMACY	T HARIBABU	Therapeutic Evaluation of a Standardized Polyherbal Formulation of Ashwagandha, Moringa, and Shatavari in Letrozole-Induced PCOS in Female Albino Rats: Modulation of	DEPARTMENT OF PHARMACOLOG Y	Acharya & BM Reddy College of Pharmacy,	150000
57	25UNA450	UNANI	PROF DR ARSHIYA SULTANA	EFFICACY OF HAB AL-AAS (MYRTUS COMMUNIS L.) GEL IN PERINEAL WOUND HEALING AND PERINEAL PAIN IN POSTPARTUM WOMEN: A TRIPLE-	AMRAZE NISWAN WA QABALAT	NATIONAL INSTITUTE OF UNANI MEDICINE	300000
58	25YOG451	YOGA AND NATUROPATHY	Dr. Geetha B Shetty	Lactate/Pyruvate Ratio as a marker of redox response to medically supervised fasting in medical undergraduates: A randomized controlled trial	Naturopathy	SDM College of Naturopathy and Yogic Sciences, Ujire	355000
59	25YOG455	YOGA AND NATUROPATHY	Dr Jyothi KV	A RANDOMIZED CONTROLLED TRIAL TO EVALUATE THE EFFECT OF DIETARY INTERVENTION RICH IN DIINDOLYLMETHANE (DIM) ON ESTROGEN	Department of Hydrotherapy and Mudtherapy	Alva's College of Naturopathy and Yogic Sciences	200000
TOTAL							22620156

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