


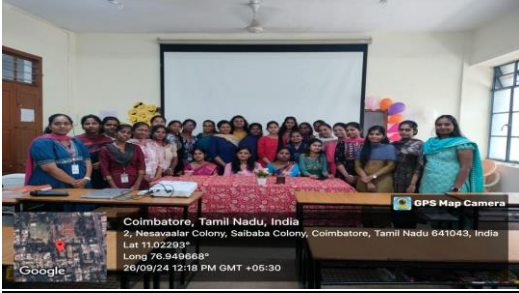


PROFILE PHOTO	
NAME	SINDUJA.S
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QUALIFICATION	BSC,MEDICAL LABORATORY TECHNOLOGY MSC.BIOTECHNOLOGY
DESIGNATION	ASSISTANT PROFESSOR
PHD	PURSUING PhD IN PSG ARTS AND SCIENCE COLLEGE COIMBATORE
RESEARCH AREA	IN VITRO ANTICANCER ACTIVITY OF SOLANUM MELONGENA EXTRACTS AGAINST BREAST CANCER CELL LINES
SOP	<p>SOLANUM MELONGENA ,commonly known as eggplant is a rich source of phytochemicals that have been found to exhibit anticancer properties particularly in breast cancer cell lines</p> <p>Phytochemical properties: Antioxidant activity: nasunin which scavenge free radicals and protect from oxidative damage Anti inflammatory activity: help to reduce the risk of cancer Cytotoxic effect: inducing apoptosis and inhibiting cell proliferation</p> <p>Anticancer activity in breast cancer cell lines: Inhibition of cell proliferation: solanum extracts inhibit the proliferation of breast cancer cells inducing cell cycle arrest and apoptosis</p> <p>Induction apoptosis: it helps to induce apoptosis in breast cancer cells leading to a reduction in tumour growth</p> <p>Synergistic effects with chemotherapeutic agents</p>
DEPARTMENT RELATED REASEARCH AREA AND GUIDANCE	1.EMBRYO LOSS IN EARLY PREGNANCY :CAUSES AND INTERVENTIONS 2.IMPACT OF MATERNAL AGE ON EMBRYO QUALITY AND DEVELOPMENTAL POTENTIAL 3.EVALUATING THE RELATIONSHIP BETWEEN DAY 5 EMBRYO GRADING AND IMPLANTATION SUCCESS RATES IN IVF :A STATISTICAL APPROACH 4.COMPARATIVE RETROSPECTIVE STUDY BETWEEN PCSI AND ICSI AND THEIR OUTCOME. 5.EVALUATING THE RATE OF EARLY PREGNANCY LOSS IN COUPLE UNDERGOING ART
TEACHING EXPERIENCE	2.8 YEARS
POST EXPERIENCE	COURSE CO ORDINATOR IN UG- MEDICAL LAB TECHNOLOGY AND UG -CRITICAL CARE TECHNOLOGY

DESIGNATION	
SKILLS	<p>COMMUNICATION AND INTERPERSONAL SKILLS</p> <ol style="list-style-type: none"> EFFECTIVE VERBAL AND WRITTEN COMMUNICATION PUBLIC SPEAKING AND PRESENTATION INTERPERSONAL AND TEAM WORK SKILLS <p>ACADEMIC AND RESEARCH SKILLS</p> <ol style="list-style-type: none"> TEACHING AND PEDAGOGY RESEARCH DESIGN AND METHODOLOGY ACADEMIC WRITING CRITICAL THINKING AND PROBLEM SOLVING FAMILIARITY WITH ACADEMIC DATABASE AND SOFTWARE <p>TEACHING AND RESEARCH SKILLS</p> <ol style="list-style-type: none"> PROFICIENCY IN MICROSOFT OFFICE EXPERIENCE WITH DIGITAL PEDAGOGY AND ONLINE TEACHING DATA VISUALISATION AND PRESENTATION SKILLS <p>OTHER SKILLS</p> <ol style="list-style-type: none"> ADAPTABILITY AND FLEXIBILITY CONTINUOUS LEARNING AND PROFESSIONAL DEVELOPMENT COMMUNITY ENGAGEMENT AND OUTREACH ASSESSMENT AND EVALUATION OF STUDENT LEARNING
ADMISSION ENQUIRY INCHARGE FOR EMBRYOLOGY COURSE	9003650027
CERTIFICATE AND AWARDS	<p>BEST PERFORMER AWARD IN BIOCHEMISTRY,MICROBIOLOGY HUMAN BIOLOGY -AWARDED BY THE SANKARA NETHRALAYA ACADEMY</p> <p>2. MEDICAL CODING COURSE COMPLETED FROM GYRUS INFOTECH 2021</p>  

HANDS ON EXPOSURE	1.SUNDARAM MEDICAL FOUNDATION CHENNAI 2.ADYAR BLOOD BANK AND CANCER INSITITUTE CHENNAI 3.THE SANKARA NETHRALAYA HOSPITAL (A UNIT OF MEDICAL RESEARCH FOUNDATION) CHENNAI 4.GANGA HOSPITAL COIMBATORE
EVENTS AND PROGRAMME ORGANISED IN DEPARTMENT	<p>SEMINAR CONDUCTION -1. ROLE OF EMBRYOLOGY IN REPRODUCTIVE MEDICINEIN EMERGING TRENDS 26.9.2024</p>  <p>DIAGNOSIS OF FEMALE INFERTILITY (18.9.2024)</p> 