

**RESEARCH PROJECTS BEING IMPLEMENTED AT VIJAYGARH JYOTISH RAY COLLEGE**

<b>NAME OF THE PROJECT/ ENDOWMENTS, CHAIRS</b>	<b>SANCTION NUMBER</b>	<b>NAME OF THE PRINCIPAL INVESTIGATOR/C O-INVESTIVATOR</b>	<b>DEPARTMENT OF PRINCIPAL INVESTIGATOR</b>	<b>YEAR OF AWARD</b>	<b>DURATION OF THE PROJECT</b>	<b>NAME OF THE FUNDING AGENCY</b>
STUDIES ON SOME METAL ORGANIC FRAMEWORKS(MOF)	367(Sanc.)/STBT-11012(25)/2/2021-ST SEC	DR. DASARATH MAL	CHEMISTRY	2019	24 Months	SCIENCE & TECHNOLOGY AND BIOTECHNOGY DEPT.(GOVT. OF WB)
ISOLATION OF A NOVEL CHROMIUM TOLERANT FUNGAL STRAIN FROM TANNERY EFFLUENT AND USE OF ITS BIOMASS FOR BIOSORPTION OF HEXAVALENT CHROMIUM	1859(Sanc.)/ST/P/S&T/1G-12/2017	DR. SASWATI GAYEN & DR. SAMPA DEBNATH	MICROBIOLOGY	2017	36 Months	SCIENCE&TECHNOLOGY AND BIOTECHNOGY DEPT.(GOVT. OF WB)
COMPARATIVE METAGENOMIC PROFILING OF PASTEURIZED MILK FOR ASSESSMENT OF MICROBIAL CONTENT AND SETTING UP OF A STANDARD FOR MILK PRODUCTION	542(Sanc.)/BT/ST/P/S &T/1 G-09/2017	DR. GARGI SAHA KESH	MICROBIOLOGY	2017	36 Months	SCIENCE&TECHNOLOGY AND BIOTECHNOGY DEPT.(GOVT. OF WB)
A STUDY ON THE PHYTOREMEDIATION OF METHOTREXATE INDUCED GENOTOXICITY USING BIO-ACTIVE PRINCIPLE FROM MEDICINAL PLANTS OF WEST BENGAL	333 (Sanc.)/ST/P/S&T/5G-2/2018	DR. PINAKI RANJAN CHAKRABORTY	ZOOLOGY	2019	36 MONTHS	SCIENCE&TECHNOLOGY AND BIOTECHNOGY DEPT.(GOVT. OF WB)
STUDY OF HEAVY METAL BIOSORPTION BY PIXE ON EXTRACELLULAR POLYMERIC SUBSTANCES (EPS) OF BACTERIAL BIOFILM COMMUNITY ENRICHED FROM SEWAGE WATER.	UGC-DAE-CSR-KC/CRS/15/IOP/11/06 47	Dr. SHILAJIT BARUA	MICROBIOLOGY	2015	36 MONTHS	UNIVERSITY GRANTS COMMISSION-DEPARTMENT OF ATOMIC ENERGY COMBINED RESEARCH SCHEME
HISTORY OF SCIENCE COMMUNICATION THROUGH BENGALI LANGUAGE		DR. ARNAB KUMAR BANERJEE	JOURNALISM AND MASS COMMUNICATION.	2014	24 MONTHS	UNIVERSITY GRANTS COMMISSION
METAGENOMIC AND METATRANSCRIPTOMIC ANALYSIS OF TEMPORAL CHANGE IN BACTERIAL COMMUNITY STRUCTURE AND FUNCTION IN AGRICULTURAL SOILS	SB/EMEQ-105/2014	Dr. SHILAJIT BARUA	MICROBIOLOGY	2014	12 MONTHS	SCIENCE AND ENGINEERING RESEARCH BOARD, GOVT. OF INDIA

UNDER NATURAL AND ANTHROPOGENIC STRESS.						
TO STUDY THE POSSIBILITIES OF USING MARINE CYANOBACTERIA FROM SUNDARBANS AS A SOURCE OF PHYCOCYANIN	F. NO: 42-227/2013 (SR)	DR. GARGI SAHA KESH	MICROBIOLOGY	2013	36 MONTHS	UNIVERSITY GRANTS COMMISSION
GLOBAL MELTDOWN AND ITS IMPACT ON SELECTED COMPANIES	PHW-74/12-13 (ERO)	DR. MITASI DAS	COMMERCE	2013	24 MONTHS	UNIVERSITY GRANTS COMMISSION
DEVELOPMENT OF EFFICIENT PSEUDOMONAS CONSORTIA FOR RAPID COMPOSTING OF HOUSEHOLD AND MUNICIPAL WASTE	PSW-51/12-13(ERO) (S No. 214023)	Dr. SHILAJIT BARUA	MICROBIOLOGY	2013	24 MONTHS	UNIVERSITY GRANTS COMMISSION
STUDIES ON NICKEL-MICROBE INTERACTION AND ITS POTENTIAL USE FOR SUSTAINABLE AGRICULTURE		DR. PRASENJIT DAS	MICROBIOLOGY	2011	24 MONTHS	UNIVERSITY GRANTS COMMISSION
INVESTIGATION ON NEW CO-ORDINATION METAL COMPLEXES AS POTENTIAL ANTI-LEISHMANIAL AGENTS	BT/PR13754/Medl/29/181/20 10	DR. GOUTAM KUMAR PATRA	CHEMISTRY	2010	36 MONTHS	DEPARTMENT OF BIOTECHNOLOGY, GOVT. OF INDIA
DEVELOPMENT OF MICROBIAL MEDIA SPECIALLY PARASITE CULTURING MEDIA & SCREENING OF ANTIPROTOZOAL & ANTIFUNGAL & ANTIBACTERIAL DRUGS & NEURONAL CELL SIGNALING & GASTRIC ULCERATION AND & SYNTHESIS OF TRANSITION METAL COMPLEX		DR. RANJAN BHADRA AND DR. GOUTAM KUMAR PATRA	RESEARCH AND DEVELOPMENT CENTRE, VJRC AND DEPARTMENT OF CHEMISTRY	2009	36 MONTHS	BARNS & DBT & DST