

**SAMBALPUR UNIVERSITY**  
**JYOTI VIHAR, BURLA**  
**SAMBALPUR (Orissa)**  
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### Research Projects of Sambalpur University (2017-2018)

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project
DRS project of UGC, New Delhi	Prof. S. S. Rath	UGC	Government	Economics	2013	60.00	5 Years
Identification and characterization of secondary metabolites from strains of Actinomycetes sp. isolated from Hirakud Dyke soil and a “Gene mining” study for the putative gene (s).	Dr (Mrs) S. Pattnaik PI	DST (Odisha)	Government	School of Life Sciences	2014	7.01	3 Years
Development of effective Wireless Sensor Network system for water quality and quantity monitoring (AquaSense)	Dr Nihar Ranjan Satapathy	ITRA, Dept. of Electronics, Govt of India	Government	Mathematics	2014	51.75	5 Years
Kathita Odia Shabdakosa	Prof. Ashok Dash	Bhasa Pratisthan Govt. of Odisha	State Govt.	Odia Department	2014	90.00	5 Years
Molecular modeling vibrational dynamics and NBO analyses of some monoamine neurotransmitters	Dr. Vishwajeet Mukherjee	SERB New Delhi	Government	BS&H, SUIT	2015	18.00	3 Years

Baseline studies on undertaking afforestation projects on Government land	Prof.S.K.Sahu, Dr. S.K Pattanayak & Mr. A.K.Bhadra	CSR funding of MCL	Non-Government	Environmental Science	2016	1.99	2 Years
Methodological Development and Innovation in Social Science Research: A Case Study of Political Science & Sociology	Dr. Jyotshna Sahoo	ICSSR	Government	ICSSR	2016	10.00	3 Years
AICRP on Sacred Grove Ecosystem Services Analysis “ Evaluation of ecosystem services rendered by sacred groves of Odisha”	Dr. S. P. Mishra	Ministry of Environment, Forest and Climate Change	Govt. of India	School of Life Sciences	2016	30.37	4 Years
Identification and transcriptional profiling of ethylene responsive factors and downstream signaling transducers in the traditional rice cultivars grown in the back water flood-prone zone of the Hirakud dam reservoir	Dr. E. Kariali	DST, Govt of Odisha	Govt of Odisha	School of Life Sciences	2016	7.36	2 Years
Development of borad spectrum peptide-based membrnae fusion inhibitor	Dr. HIRAK Chakraborty	SERB, New Delhi	Govt. of India	School of Chemistry	2016	36.70	3 Years
Combinational use of Neem extract and Cyanobacteria for their use as Biofertilizer and pest management: An Eco-friendly approach.	Dr B.Nayak	DST, Govt of Odisha	Govt of Odisha	School of Life Sciences	2016	8.06	2 Years

UGC-START UP Grant	Dr. I. Baitharu	University Grant Commission, East Regional Office, Kolkata	Government	Environmental Science	2017	10.00	2 Years
Preclinical Efficacy Evaluation of Extremely Promising Novel Noscapioid: A Tubulin-Binding Agent in the Management of Breast Cancer	Prof P.K. Naik PI	DST. Govt. of Odisha	Government	Dept. of Biotechnology & Bioinformatics	2017	8.96	3 years
A Study on Effective Delivery of Medical Services through telemedicine and its social Impact in Odisha, Project Sponsored by ICSSR, New Delhi, 02/358/SC/16-17/RP Dt 29.3.17, Under Sponsored Research Project In Social Science Cost: 2 Lakhs-2016-2017	Dr D K Mahalik	ICSSR, New Delhi,	Government	Business Administration	2017	2.00	1 year
Development of new small molecules and device architecture for highly efficient and reliable organic solar cells	Dr. Amaresh Mishra	SERI, Science and Technolgy Department, Govt. of India	Government	Chemistry	2017	45.00	3 years
Thermoset composites for potential coating application and its effect on cross-linking behavior	Dr. Ram Naresh Mahaling	Science and Technolgy Department, Govt. of Odisha	Government	Chemistry	2017	8.40	3 years

Assessment of Biodiversity and Preparation of Biodiversity Management Plan for Vizag General Cargo Berth Pvt. Ltd.	Prof. S.K. Sahu Prof. S. P. Mishra & Prof N. Behera	Funded by Vizag General Cargo Berth Limited of Vedanta Visakhapatnam	Non-Government	Environmental Science	2017	6.29	1.3 Years
“App Coal Jal”	Prof.S.K.Sahu, Dr.S.K.Pattanayak and Dr.M.R. Mahananda	MCL, Jagruti Vihar	Non-Government	Environmental Science	2017	2.20	1 Years
Madhumaya Gangadhar	Prof. Ashok Dash	NBT	Govt. of India	Odia Department	2017	8.00	2 years
Minor Research Project; “Application of Supply Chain Network Design under Forward Financing and Preservation Technology for Perishable Products: An Empirical Analysis”	Prof. Monalisha Pattnaik	ICSSR NEW DELHI	Government	Business Administration	2017	1.00	1 Years
UGC Emeritus Fellowship Project	Prof. Basanti Biswal	UGC	Govt. of India	School of Life Sciences	2017	30.34	2 Years
Dielectric Polymer Ceramic Nanocomposites for Capacitor Application	Dr. B. Behera (Co-PI) Dr. R. N. Mahaling (PI), Dept. of Chemistry	UGC, New Delhi	Govt. of India	Physics	2017	10.12	3 years

  
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