

List of Research Proposals Approved by Institutional Ethics Committee of Sambalpur University (IEC-SU).

Sl. No	Title of the Project	Principal Investigator	EC Number	Date of Approval	Status/Remarks
1	Assessment of prevalence of CKD, its associated causative factors and therapeutic efficacy of herbal medicine used traditionally in Bargarh District, Odisha.	Dr. Iswar Baitharu, Assistant Professor, Department of Environmental Sciences, Sambalpur University	16/IEC-SU/2024	29-02-2024	APPROVED
2	Investigation into the Genetic basis of the prevalence of CKDu in a population in Bargarh district	Dr. Iswar Baitharu, Assistant Professor, Department of Environmental Sciences, Sambalpur University	17/IEC-SU/2024	29-02-2024	APPROVED
3	Development of Cross Word Puzzle as an innovative teaching technique in MBBS Curriculum	Prof. Prakash Chandra Panda, Professor Department of Pediatrics, Veer Surendra Sai Institute of Medical Science and Research, Burla	18/IEC-SU/2024	29-02-2024	APPROVED
4	Assessment of perception of undergraduate students and faculty on P-OSPE (Procedural OSCP) in community Medicine	Prof. Smita Kumari Panda, Department of Community Medicine, , Veer Surendra Sai Institute of Medical Science and Research, Burla	19/IEC-SU/2024	29-02-2024	APPROVED
5	Enumeration of heavy metals and pesticide residues in water, soil, rice grain and vegetables and patients samples and	Prof. Pradeep Kumar Naik, Professor and Head, Department of Biotechnology and	20/IEC-SU/2024	29-02-2024	APPROVED

	determination of their impact on public health in and around Hirakud irrigated command area, Sambalpur, Odisha	Bioinformatics, Sambalpur University			
6	Assessment of Cancer Prevalence and its association with occupational exposure to pesticides among farmers of Bargarh district Odisha, India	Dr. Prajna Paramita Naik, Assistant Professor, Department of Zoology, Panchayat College, Bargarh	21/IEC-SU/2024	29-02-2024	APPROVED
7	Occupational Heat Exposure among Agricultural Communities: A case study of Heat Stress Nephropathy in CKDu hotspots of Bargarh district, Odisha	Mr. Pralaya Biswas, Research Scholar, School of Life Sciences, Sambalpur University	22/IEC-SU/2024	29-02-2024	APPROVED
8	An anthropological study on sickle cell anemia among Dongria Kond, Lanji Saora, Kutia Kond, PVTGS and Saora tribes of Southern Odisha.	Dr. Bharathi Karri, Associate Professor, Department of Anthropology, Sambalpur University	23/IEC-SU/2024	29-02-2024	APPROVED
9	Biochemical and Physiological Parameters in determination of nutritional status among tribal women, children, and adolescent girls of Bargarh district.	Dr. Bharathi Karri, Associate Professor, Department of Anthropology, Sambalpur University	24/IEC-SU/2024	29-02-2024	APPROVED
10	Determination of Neo-Natal Mortality Rate: A Retrospective Case Control Study.	Dr. Subhalaxmi Barik, Researcher, Department of Economics, Sambalpur University	26/IEC-SU/2024	29-02-2024	APPROVED
11	Clinico-psychological assessment of patients undergoing	Mr. Pralaya Biswas, Research Scholar, School of	27/IEC-SU/2024	29-02-2024	APPROVED

	maintenance hemodialysis: A cross sectional study	Life Sciences, Sambalpur University			
12	Detection and quantification of fluoride in urine samples and assessment of fluorosis among CKD patients of selected hotspots of Bargarh District	Ms. Nibedita Pradhan, M.Sc., Student, Department of Environmental Sciences, Sambalpur University.	41/IEC-SU/2025	28-03-2025	APPROVED
13	Comparative analysis of microplastics in drinking water and urine samples among CKD patients of selected hotspot of Bargarh district, Odisha.	Ms. Deeptimayee Sahu, M.Sc., Student, Department of Environmental Sciences, Sambalpur University.	42/IEC-SU/2025	28-03-2025	APPROVED
14	Development of polyherbal formulation and evaluation for the management of rheumatoid arthritis.	Ms. Reshma Pradhan. Ph.D. Scholar, Department of Biotechnology and Bioinformatics, Sambalpur University	43/IEC-SU/2025	28-03-2025	APPROVED
15	Bio-cultural factors influencing maternal and child health among Chukita Bhunjia, a particularly vulnerable triable groups of western Odisha.	Dr. Bharathi Karri, Associate Professor, Department of Anthropology, Sambalpur University	44/IEC-SU/2025	28-03-2025	APPROVED

**Member Secretary
IEC-SU**