

ODISHA STATE HIGHER EDUCATION COUNCIL
A-11, Pustak Bhawan (2nd floor) Suka Vihar, Bhubaneswar-751022
Budget Details of OURIP - 2020 Seed Fund Research Projects

Sl. no	Name and Application no of the faculty Researcher with affiliation	Title of the Project	Discipline	Budget						
				Year- 1			Year-2			Grand Total (Rs.)
				Non-Recurring	Recurring	Total (Rs.)	Non-Recurring	Recurring	Total (Rs.)	
1	Dr. Pranati Purohit (51) Gangadhar Meher University, Sambalpur	Development of relaxor based piezoelectric ceramic materials for energy harvesting	Physics	Equip-3.5L	Man Power: Nil Cons: 35000 Travel: 15000 Contin: 25000	425000	Nil	Man Power: Nil Cons: 35000 Travel: 15000 Contin: 25000	75000	GT 5.00L
2	Dr. Gangadhar Behera (117) Gangadhar Meher University,	Metamaterial for New Hybrid All-day Radiative Cooling system	Physics	Equipment: 2.0L Software Com Sol: 2.8L	Man Power: Nil Cons: Travel: Contin: 10000	490000	Nil	Man Power: Nil Cons: Travel: Contin: 10000	10000	GT 5.00L
3	Dr. Priyadarsini Swain (100) JKBK College Cuttack	Antiferromagnetic Quantum Phase Transitions In Nanoalloys	Physics	Equipment: 2.6L	Man Power: Nil Cons: 65000 Travel: 10000 Contin and Characterisation:40000	375000	Nil	Man Power: Nil Cons: 65000 Travel: 10000 Contin and Characterisation:40000	115000	GT 4.90L
4	Dr. Priyanka Khurana (97) Utkal University	An Anthropological study of nutritional status among the children of Bondo tribe of Odisha	Anthropology	Equipment: 1.0L	Man Power: 80000 Cons: 35000 Travel: 50000 Contin: 32500	297500	Nil	Man Power: 80000 Cons: 35000 Travel: 50000 Contin: 32500	197500	GT: 4.95L
5	Dr. Kabiraj Behera (158) S.M. Govt. Women's College, Phulbani	A comparative Study on Socio-Cultural Status of transgender among the Caste and Tribal communities of Kandhamal & Khurda districts of Odisha.	Anthropology	Equipment: 0.5L	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 50000	251000	Nil	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 50000	201000	GT: 4.52L

					(including stay during field work etc.)			(including stay during field work etc.)		
6	DR. Pallavi Mishra (88) SCSA College, Puri	Study of tetracycline and ciprofloxacin resistant genes in earthworm cast in response to chronic exposure to chemical and organic fertilizers	Zoology	Equipment: 1.50L	Man Power: 96000 Cons: 75000 Travel: 10000 Contin: 40000 (including outsourcing)	371000	Nil	Man Power: Nil Cons: 75000 Travel: 10000 Contin: 40000 (including outsourcing)	125000	GT 4.96L
7	Debashish Nayak (17) Seemanta Mahaidyalaya, Jharpokharia, Mayurbhanj, Odisha	Assessment of nutritional and microbial quality of traditional rice beverage " <i>handia</i> " from Mayurbhanj district of Odisha	Zoology	Equipment: 2.50L	Man Power: 96000 Cons: 35000 Travel: 10000 Contin: 15000	406000	Nil	Man Power: 24000 Cons: 35000 Travel: 10000 Contin: 15000	84000	GT: 4.90L
8	Dr. Swasti Swagatika Swain (140) JKBK Govt. College, Cuttack	Assessment of Morphological, Biochemical, Phytochemical, Elemental and Genetic Variations in different ecotypes of <i>Piper longum</i> L.in Odisha	Botany	Equipment: 0.40L	Man Power: 96000 Cons: 70000 Travel: 10000 Contin: 50000 (Including Sample Analysis)	266000	Nil	Man Power: 96000 Cons: 70000 Travel: 10000 Contin: 50000 (Including Sample Analysis)	226000	GT: 4.92L
9	Dr. Raghunath Satpathy (6) Gangadhar Meher University,	In-silico investigation of some novel RNA helicase inhibitors and their activity against pathogenic virus	Biotechnology	Equipment: 2.00L	Man Power: 96000 Cons: Travel: 10000 Contin: 25000	331000	To Organise RT meeting of experts on Chemical Biology: 60000	Man Power: 64000 Cons: Travel: 10000 Contin: 25000	159000	GT: 4.90L
10	Dr. Tilothama Bhotra (81) Rama Devi Women's University Bhubaneswar	A novel approach towards staphylococcal biofilm using synergism of lysostaphin conjugated silver nanoparticles from <i>Anonna muricata</i> L. for biomedical applications	Biotechnology	Equipment: Nil	Man Power: 96000 Cons: 110000 Travel: 15000 Contin: 15000	236000	Nil	Man Power: 96000 Cons: 110000 Travel: 15000 Contin: 15000	236000	GT 4.72L

11	Dr. BijayaLaxmi Panigrahi (5) Gangadhar Meher University	Combined Legendre spectral Finite element method for Nonlinear Integral equations	Mathematics	Equipment and Software: 2.0L	Man Power: Nil Cons: 20000 Travel: 20000 Contin: 25000	265000	Nil	Man Power: Nil Cons: 20000 Travel: 20000 Contin: 25000	65000	GT: 3.30L
12	Dr. Sibashankar Sahu (142) Ravenshaw University	Epidemiological study of Lightning Hazard in Odisha	Geography	Equipment: 0.80L	Man Power: 96000 Cons: 20000 Travel: 40000 Contin: 30000	266000	Nil	Man Power: 96000 Cons: 20000 Travel: 40000 Contin: 30000	186000	GT :4.52L
13	Dr, Asim Amitabh Pradhan ((105) FMU	Geochemistry and Fluid Inclusion Study of Pyrophyllite deposits in and around Jamudih, Keonjhar District, Odisha	Geology	Equipment: 1.45L	Man Power: 96000 Cons: 10000 Travel: 12500 Contin: 35000 (including Outsourcing)	298500	Nil	Man Power: 64000 Cons: 10000 Travel: 12500 Contin: 35000 (including Outsourcing)	121500	GT: 4.20L
14	Dr. Ashwini Kumar Dash (102), College of Engineering and Technology (Autonomous)	Study of high-performance Graphene based natural fiber composites	Textile Engineering	Equipment: 2.0L	Man Power: 96000 Cons: 30000 Travel: 25000 Contin: 25000	376000	Nil	Man Power: 32000 Cons: 30000 Travel: 25000 Contin: 25000	112000	GT: 4.88L
15	Dr. Rakhee Panigrahi (11) Parala Maharaja Engineering College, Berhampur	Advanced Control and Estimation Approaches Employed in Shunt Active Power Filter for Smart Device Power Application	Electrical and Electronics Engineering	Equipment: 2.25L	Man Power: 96000 Cons: 10000 Travel: 15000 Contin: 25000	371000	Nil	Man Power: 64000 Cons: 10000 Travel: 15000 Contin: 25000	114000	GT 4.85L
16	Dr. Deba Prakash Satapathy (114) CET Bhubaneswar, Odisha,	Development of Spatial Data Infrastructure for flood control in Kathjori river basin, Odisha,	Civil Engg	Data acquisition purchase: 1.0L	Man Power: 96000 Cons: 25000 Travel: 20000 Contin: 25000	266000	Nil	Man Power: 64000 Cons: 25000 Travel: 20000 Contin: 25000	134000	GT: 4.00L

17	Dr. Bikram Sen Sahu (34) Khallikote University Berhampur	Characterizing lightning variability and vulnerability: A regional analysis from Odisha, Mentor: Prof. Sarat Sahu, SOA University	Natural Resource Management and Geoinformatics	Equipment: 1.60L (Computer and software etc.)	Man Power: 96000 Cons: 35000 Travel: 25000 Contin: 20000	336000	Nil	Man Power: 64000 Cons: 35000 Travel: 25000 Contin: 20000	144000	GT: 4.80L
18	Dr. UmakantaSahu (150) DAV (Autonomous) College, Titilagarh, Bolangir, Odisha	Migration, MGNREGA and Role of Gram Panchayat: A study of Bolangir and Nuapada district of Odisha.	Political Science	Equipment: 0.90L	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 15000	256000	Nil	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 15000	166000	GT: 4.22L
19	Dr. Swapna S Prabhu (76) Utkal University	Women, Energy and Empowerment: A Study of the Impact of Rural Electrification on Women's Employment in Odisha	Political Science	Equipment: 0.50L	Man Power: 96000 Cons: 20000 Travel: 40000 Contin: 30000	236000	Nil	Man Power: 96000 Cons: 20000 Travel: 40000 Contin: 30000	186000	GT: 4.22L
20	Dr. Madhusmita Pradhan (15) VSSUT	Parametric Stability Study of Panel Structures/Structural Components In Various Seismic Zones Subjected To Different Types of Load	Mechanical Engg	Equipment: 4.50L	Man Power: Nil Cons: 5000 Travel: 7500 Contin: 10000	472500	Nil	Man Power: Nil Cons: 5000 Travel: 7500 Contin: 10000	22500	GT: 4.95L
21	Dr. Sarojrani Pattnaik (69) VSSUT, Burla	Reinforcement of Mimosa-Pudicafibers in PLA base green composite for biomedical and packaging application.	Mechanical Engg	Equipment: 2.80L	Man Power: Nil Cons: 50000 Travel: 10000 Contin: 30000	370000	Nil	Man Power: Nil Cons: 50000 Travel: 10000 Contin: 30000	90000	GT: 4.60L
22	Dr. Kanhu Charan Bhuyan (123) CET	Fuel Cell with Power Conditioning Unit For Use In Rural Areas.	Electronics and Instrumentation Engg	Equipment: 1.95L	Man Power: 96000 Cons: 25000 Travel: 15000 Contin: 15000	346000	Nil	Man Power: 64000 Cons: 25000 Travel: 15000 Contin: 15000	119000	GT: 4.65L
23	Dr. Ajaya Kumar Behera (104) Utkal University,	Development and characterization of eco-friendly biodegradable vetiver grass fiber reinforced green composite	Chemistry	Equipment: 2.5L	Man Power: 96000 Cons: 40000 Travel: 10000 Contin: 25000	421000	Nil	Man Power: Nil Cons: 40000 Travel: 10000 Contin: 25000	75000	GT: 4.96L

24	Dr. Suprava Nayak (37) G.M. University	A detail mechanistic investigation of the reaction of reducing biomolecule with amide-based Cobalt (III) complex: As model for anti-cancer drug	Chemistry	Equipment: 3.0L	Man Power: 96000 Cons: 30000 Travel: Nil Contin: 15000	441000	Nil	Man Power: Nil Cons: 30000 Travel: Nil Contin: 15000	45000	GT: 4.86L
25	Dr. Ganngam Phaomei (10) Berhampur University Berhampur-	Synthesis of magnetic, Luminescent nanoparticles for drugs delivery applications.	Chemistry	Equipment: 1.0L	Man Power: Nil Cons: 150000 Travel: 15000 Contin: 25000	290000	Nil	Man Power: Nil Cons: 150000 Travel: 15000 Contin: 25000	190000	GT: 4.80L
26	Dr. Tarun Kumar Sahoo (62) Government Science College Chatrapur	Chemical Degradation of TiAP an alternate extractant for nuclear fuel reprocessing under acidic and alkaline condition in presence of metal ion Revised Title: Chemical Degradation of TiAP an alternate extractant for nuclear fuel reprocessing under acidic and alkaline condition 345000 Mentor: Prof. Ajay Patnaik	Chemistry	Equipment: 1.25L	Man Power: Nil Cons: 100000 Travel: 15000 Contin: 35000	275000	Nil	Man Power: Nil Cons: 100000 Travel: 15000 Contin: 35000	150000	GT: 4.25L
27	Dr. Manosmita Mahapatra (26) Assistant Professor, School of Sociology G.M. University	Role of Corporate Social Responsibility in Community Development: A Sociological Perspective	Sociology	Equipment: 1.0L	Man Power: 96000 Cons: 25000 Travel: 35000 Contin: 20000	276000	Nil	Man Power: 96000 Cons: 25000 Travel: 35000 Contin: 20000	176000	GT: 4.52L
28	Dr. Paramba Shree Yogamaya Department of Veda, Shri Jagannath Sanskrit University, Shri Vihar,	A Critical Analysis of the Technical Terms in the PāraskaraGr̥hyasūtra	Sanskrit	Equipment: 0.75L	Man Power: 96000 Cons: 20000 Travel: 15000 Contin: 25000	231000	National roundtable for critical review of work: 0.70L	Man Power: 64000 Cons: 20000 Travel: 15000 Contin: 25000	194000	GT: 4.25L
29	Dr. Subhasmita Panda (153)	Perspective Taking Among Juvenile Delinquents of Odisha	Psychology	Equipment: 1.0L	Man Power: 96000	256000	Nil	Man Power: 96000	156000	GT: 4.12L

	BJB (Autonomous)College				Cons: 10000 Travel: 25000 Contin: 25000			Cons: 10000 Travel: 25000 Contin: 25000		
30	Manoj Kumar Das (91) Ravenshaw University,	Assessment of Economic Costs and Coping Strategies of Farmers to Climate Shocks in Odisha.	Economics	Equipment: 0.60L	Man Power: 96000 Consumable, Software and Data purchase: 70000 Travel: 45000 Contin: 25000	296000	Nil	Man Power: 96000 Cons: Nil Travel: 45000 Contin: 25000	166000	GT: 4.62L
31	Dr. Yayati Nayak (126) Assistant Professor, Department of Commerce Ravenshaw University	Tribal Entrepreneurship In Odisha: A Case Study Of Keonjhar And Mayurbhanj Districts	Commerce	Equipment: 0.6L	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 35000	246000	Nil	Man Power: 96000 Cons: 15000 Travel: 40000 Contin: 35000	186000	GT: 4.32L
32	Dr. Elina Kanungo SCS (A) College, Puri, Odisha,	Awareness and Satisfaction of People on digital payment methods amidst Covid-19: A Case study of KBK districts in Odisha”	Commerce	Equipment and software: 0.75L	Man Power: 96000 Cons: 35000 Travel: 40000 Contin: 35000	281000	Nil	Man Power: 24000 Cons: 35000 Travel: 40000 Contin: 35000	134000	GT: 4.15L
33	Dr.Rosalin Rout (66) GM University	Building A Digital Repository Of Sambalpuri Saree Design And Techniques: An Innovative Way To Preserve And Access The Heritage	Library & Inf. Science	Equipment: 0.80L	Man Power: 96000 Cons: 20000 Travel: 15000 Contin: 20000	231000	Nil	Man Power: 64000 Cons: 20000 Travel: 15000 Contin: 20000	119000	GT: 3.50L
34	Dr.Ajit Kumar Kullu (108) Sambalpur University	Duraang: Tribal Songs of Western Odisha	English	Equipment: 1.60L	Man Power: 96000 Cons: 25000 Travel: 37500 Contin: 42500	361000	Nil	Man Power: 24000 Cons: 25000 Travel: 37500 Contin: 42500	129000	GT: 4.90L
35	Dr Lipika Das (58) IIIT Bhubaneswar	Vernacular Cosmopolitanism: The Literary Scene in Odisha	English	Equipment: 0.50L	Man Power: 96000 Cons: 25000 Travel: 40000	236000	Organise a critical review of	Man Power: 96000 Cons: 25000 Travel: 40000	236000	GT: 4.72L

					Contin: 25000		work: 0.50L	Contin: 25000		
36	Dr. Iqbal Ahmad Bhat Khallikote University	Ecotourism And Community Engagement For Sustainable Livelihood - A Case Study Of Southern Odisha	Travel and Tourism Management	Equipment: 1.0L	Man Power: 96000 Cons: Travel: 40000 Contin: 35000	271000	Nil	Man Power: 96000 Cons: Travel: 40000 Contin: 35000	171000	GT: 4.42L
37	Dr. Sisir Behera (52) MSCBDU Baripada	Odia Swabhimana Itihasa : Uttar Odishara Utkrusta Lokakala "Jhumor": Eka Sanskritika Anushilan	Odia	Equipment: 1.20L	Man Power: 96000 Cons: 20000 Travel: 25000 Contin: 25000	286000	Nil	Man Power: 96000 Cons: 20000 Travel: 25000 Contin: 25000	166000	GT: 4.52L
38	Dr. Sameer Bhoi Berhampur University	Critical Study on Folk Art of South Odisha	Odia	Equipment: 1.20L	Man Power: 96000 Cons: 20000 Travel: 25000 Contin: 25000	286000	Nil	Man Power: 96000 Cons: 20000 Travel: 25000 Contin: 25000	166000	GT: 4.52L
39	Dr. Sibarama Panigrahi (32) Sambalpur University Institute of Information Technology (SUIT)	Design and Development of Large-Scale Time Series Forecasting Methods using Deep Learning Techniques	Computer Science and Technology	Equipment: 2.0L	Man Power: 96000 Cons: 15000 Travel: 15000 Contin: 15000	341000	Nil	Man Power: 64000 Cons: 15000 Travel: 15000 Contin: 15000	109000	GT: 4.50L
40	Dr. Pragyan Paramita Mohapatra (101) Utkal University	Experience, Consciousness and Subjectivity: Investigating Self from Buddhist and Phenomenological perspective	Philosophy	Equipment: 0.70L	Man Power: 96000 Cons: 25000 Travel: 15000 Contin: 25000	231000	Nil	Man Power: 24000 Cons: 25000 Travel: 15000 Contin: 25000	89000	GT: 3.20L