

**RESEARCH PROJECTS APPROVED AND COMPLETED DURING LAST 3 YEARS
(YEAR, NO. OF PROJECTS AMOUNT SANCTIONED, AMOUNT RECEIVED,
FUNDING AGENCY ETC.)**

PROJECT TITLE	PROJECT DURATION	AMOUNT RECEIVED	FUNDING AGENCY	STATUS	NAME OF FACULTY MEMBERS INVOLVED
Strategic Dimension of Economical Value Added Across Indian Industries	20 months	Rs.3,70,000	ICSSR	In progress	Prof. B.B. Pradhan
Health Sector Management in Orissa	15 months	Rs.2,00,00	OVHA	In Progress	Dr. S. Mohanty
Neural Network and Their Application in Capital Market	3 years	Rs.6,00,000	AICTE	In Progress	Dr. munmun Mohanty & Mr. Nikhil R. Nayak
Index Revision & Firm size Effect	Ten Months	Rs.30,000	SOAU	Completed	Dr. Munmun Mohanty
Challenge Before Disabled Women: A Critical Analysis in Orissa	3 years	Rs. 8,50,000	AICTE	In progress	Dr. Bandana Nayak
Human Resource Accounting					
Value Dimension of Business	One Year	Rs.1,00,000	ICWA, Bhubaneswar	In Progress	Prof. P.K. Swain
Health Sector Management in Orissa	One Year	Rs.1,00,000	HRD Network	In progress	Dr. G. P. Das
Corporate Social Responsibility	15 months	Rs.2,00,00	OVHA	In Progress	Dr. S. Mohanty
	One Year	Rs.1,00,000	IOD, Bhubaneswar	Completed	Dr. Bandana Nayak

RESEARCH PROJECT OF ITER

PROJECT TITLE	PROJECT DURATION	AMOUNT RECEIVED	FUNDING AGENCY	STATUS	NAME OF FACULTY MEMBERS INVOLVED
Modernization of Chemistry Lab. For research and Project work	2 years	1,300,000.00	AICTE, Under MODROB Scheme	Finished	Prof.(Dr.) Mira Das Prof.(Dr.) Sujata Mishra Co-Investigator Principal Investigator
Preparation of Transition metals doped oxide semiconductors films by modified spray	2 years	617,500.00	CSIR, New Delhi	On-going Project	Dr. S.K. Kamilla & Mrs. J. Mohapatra
CV and Chemical wet and dry method for spintronics applications.					
Experimental and theoretical investigations of the mechanical behavior and the evolution of structure fro the alloys under non-stationary process of super plastic deformation	2 years	2,000,000.00	DST (India) & RFBR(Russia)	Finished	Dr. O.I. Bylya & Prof. M.K. Sarangi, Asst. Prof.
Non-edible oil as engine fuel in SVO mode	2 years	500,000.00	Sc. & Tech. Dept., Govt. of Orissa	Finished	Prof. S.K. Acharya
Upgradation of UTM & addition of Computerized Metallographic Microscope in Material testing Laboratory.	2 years	1,450,000.00	AICTE under MODROB	On-Going	Dr. O.I. Bylya & Prof. M.K. Sarangi,
Replacement and	2 years	1,200,000.00	AICTE under	Finished	Prof. M.K. Sarangi

addition of material testing equipments.			MODROB		
PLC, embedded & instrument software Lab.	1 year	9,00,000.00	AICTE under MODROB	Finished	Prof. B. Sahoo
Numerical Approximation of Intergrals of Analytic functions of A complex Variable	1 year	25,000.00	SOA University	Finished	Prof. M. Acharya
Study of Oscillatory and Asymptotic Behaviour of Solutions of Partial Differential Equations of Neutral Type.	1 year	30,000.00	SOA University	Finished	Dr. S. Chand
Commercial Optimization Problems-An Algorithmic Approach.	1 year	15,000.00	SOA University	Finished	Dr. J.R. Nayak
Financial Innovation in Emerging Capital Markets –A case study of India	1 year	15,000.00	SOA University	Finished	Pabitra Kumar Mishra
Customer Satisfaction in Financial Institutions	1 year	15,000.00	SOA University	Finished	Subhasmita Biswal
Teaching English to Slum Children	6 months	5,000.00	SOA University	Finished	Janmejaya Khuntia
“Online Classification in Data Warehouse Environment Using Pattern Recognition Algorithm	6 months	11,000.00	SOA University	Finished	Mrs. Tripti Swarnkar

“Machine Learning Approach to take Summarization	6 months	18,000.00	SOA University	Finished	Mr. Chinmaya Ku. Swain
Efficient and Scalable Algorithms for Knowledge Discovery using Parallel Processing Techniques	6 months	25,000.00	SOA University	Finished	Alok Kumar Jagadev
A Comparative study on Theoretical Improvement in Algorithm Efficiency for Mathematical Programming Problems through Neural Networks and Applications	1 year	25,000.00	SOA University	On-going	Binod Kumar Pattanayak
Online Classification in Data warehouse environment using Pattern Recognition Algorithms.	1 year	7,500.00	SOA University	On-going	Debahuti Mishra
A risk analysis application of Artificial neural network models in financial markets.	1 year	25,000.00	SOA University	Finished	MANOJ Kumar Mishra
Some of Physico-chemical properties of some electrolytes in various solvent systems	1 year	22,000.00	SOA University	Finished	Prof. Sujata Mishra
Solid waste management Ferrochrome Slag	1 year	25,000.00	SOA University	Finished	Er. Chitta Ranjan Panda
Preparation of transition metals doped compound	2 years	170,000.00	SOA University	Finished	Dr. S.K. Kamilla & Mrs. J. Mohapatra

semiconductors for application in quantum computer materials					
Study of effect of swift heavy ion bombardment on the evolution of the microstructure in Ti6Al4V alloys for aerospace applications	1 year	30,000.00	SOA University	On-going	Dr. O.I. Bylya, Assoc. Prof. & Prof. M.K. Sarangi, Asst. Prof.
Development of SVO Kit for a Single Cylinder Diesel Engine Test Rig.	1 year	25,000.00	SOA University	On-going	Prof. S.K. Acharya, Asst. Prof.
Speech classification for Stress Analysis	2 years	100,000.00	SOA University	On-going	Mihir Narayan Mohanty

CONSULTANCY PROJECT OF ITER

PROJECT TITLE	PROJECT DURATION	AMOUNT RECEIVED	FUNDING AGENCY	STATUS	NAME OF FACULTY MEMBERS INVOLVED
Structural analysis & design of Group residential apartment building for Central Govt. Welfare Housing Organization, BBSR	2.5 years	75,000.00	CGWHO	On-going	Prof. S.K. Sahoo
Structural analysis & design of International & Hostel buildings of Trident Academy of Technology,	3 years	1,00,000.00	Dinabandhu Foundation	On-going	Prof. S.K. Sahoo

BBSR					
Structural analysis & design of Institutional building for Shivani Institute of Technical Education Education. BBSR	3 years	1,25,000.00	Saraswat Educational Trust	On-going	Prof. S.K. Sahoo
Structural analysis & design of Group apartment – Banamali Basera, BBSR	2 years	1,50,000.00	Anapurna Realcon	Finished	Prof. S.K. Sahoo
Structural analysis & design of residential apartment – Devananda Vihar, BBSR	2 years	60,000.00	Utkal Builders Pvt. Ltd.	Finished	Prof. S.K. Sahoo
Structural analysis & design of residential apartment building RSM Infrastructure Pvt. Ltd.	2 years	60,000.00	RSM Instructure Pvt. Ltd.	On-going	Prof. S.K. Sahoo
Structural analysis & design of hostel building for IDS, SOA University, BBSR	1 year	20,000.00	SOA University	Finished	Prof. Santosh Kumar Sahoo
Structural analysis & design of Boys hostel building for ITER, SOA University, BBSR	1 year	15,000.00	SOA University	Finished	Prof. Santosh Kumar Sahoo
Structural analysis & design for SPS, SOA University, BBSR	1 year	20,000.00	SOA University	Finished	Prof. Santosh Kumar Sahoo
Structural analysis & design for IBCS, SOA	1.5 year	15,000.00	SOA University	Finished	Prof. Santosh Kumar Sahoo

University, BBSR					
Structural analysis & design of hostel building for SPS, IBCS, SOA University, BBSR	1 year	15,000.00	SOA University	On-going	Prof. Santosh Kumar Sahoo
Structural analysis & design of New canteen block for ITER, SOA University, BBSR	1 year	20,000.00	SOA University	On-going	Prof. Santosh Kumar Sahoo
Structural analysis & design of Krishna Plaza Shopping Mall	2 years	35,000.00	Krishna Group of Companies	On-going	Prof. S.K. Sahoo
Structural analysis & design of DAV School building -2 nd Campus	2 years	30,000.00	School Managing Committee, DAV School, CS Pur	On-going	Prof. S.K. Sahoo
Structural analysis & design of residential apartment "Start Club"	2 years	40,000.00	Mason State India Pvt. Ltd.	On-going	Prof. S.K. Sahoo
Structural analysis & design of residential group apartment Nageswara Residence	2 years	75,000.00	Panda Infrastructure	On-going	Prof. S. K. Sahoo
Structural analysis & design of residential apartment for Raj Ananda Builder Pvt. Ltd.	2 years	50,000.00	Raj Anand Building Pvt. Ltd.	On-going	Prof. S.K. Sahoo
Structural analysis & design of residential apartment Sonu Hamlet, BBSR	1.5 year	30,000.00	Versatech Builder Pvt. Ltd.	Finished	Prof. S.K. Sahoo

RESEARCH PROJECT OF IMS

PROJECT TITLE	PROJECT DURATION	AMOUNT RECEIVED	FUNDING AGENCY	STATUS	NAME OF FACULTY MEMBERS INVOLVED
Optimum dose of Intrathecal Morphine for Gynaecological Surgeries	1 year	25,000.00	SOA University	On-going	Dr.B.K. Panigrahi Dr. S.Mohanty Dr. D. Padhiary
Comparative Study of Epidural methyl prednisolone with and without contrast & Fluroscopic guidance for pain relief in patient having chronic low back pain with radiculopathy and post laminectomy patients with residual pain.	1 year	30,000.00	SOA University	On-going	Dr. S. Mishra Dr. J. Sahu Dr. N.C. Mahakul Dr. B. Ch. Raula Dr. S. Mohanty
Aetiological study of diarrhea in Children	1 year	22,000.00	SOA University	On-going	Mr. M. Dash Dr. B.K. Rath Dr. R.K. Lenka
Neuro development outcome of preterm children admitted to IMS & SH NICU	1 year	25,000.00	SOA University	On-going	Dr. Rachita Sarangi
Comparative Study of Anthropometric measurement of under 5 children attending paediatric OPD at IMS & SH with IAP Growth Chart	1 year	25,000.00	SOA University	On-going	Dr. Rachita Sarangi
Clinical profile of Neonatal Sepsis in inborn & outborn babies	1 year	27,000.00	SOA University	On-going	Dr. P.K. Jena
Reactions of adolescent school children to the	1 year	21,000.00	SOA University	On-going	Dr. Anuspandana Mohapatra

Naxalite problems of Orissa					
Effect of Zinc supplementation in lower respiratory tract infection in IMS & SH	1 year	24,000.00	SOA University	On-going	Dr. Mamta Devi Mohanty Prof. B.K. Rath
Cyclosporine 0.05% in the management of Vernal Keratoconjunctivitis in children	1 year	28,000.00	SOA University	On-going	Dr. S. Mishra Dr. P.K. Mishra
Central Corneal thickness & Intraocular pressure a correlation in normal & glaucomatous populations	1 year	15,000.00	SOA University	On-going	Dr. P.K. Mohanty
Memory impairment in short term use of Bansodiazepine (alprazolam) vs Zolpidem for primary Insomnia	1 year	20,000.00	SOA University	On-going	Dr. Surjeet Sahoo
Cervical Cytology for prevention of Cancer Cervix	1 year	23,000.00	SOA University	On-going	Dr. S.K. Mohapatra
Predictive factors for pregnancy after Intra Uterine Insemination (IUI)	1 year	26,000.00	SOA University	On-going	Dr. Babita Panda
Study of Speech improvement in Post Operative cleft lip & palate repair case	1 year	30,000.00	SOA University	On-going	Dr. Lopamudra Tripathy
Comparative study of Turbinoplasty & for management of chronic nasal obstruction	1 year	24,000.00	SOA University	On-going	Dr. S. R. Dash Dr. S.K. Pani
Non Variceal Upper GI bleed. A prospective study	1 year	25,000.00	SOA University	On-going	Dr. B.K. Barik Dr. S. Sethy

in a tertiary care hospital in Eastern India					
Thrombocytopenia in Malaria	1 year	25,000.00	SOA University	On-going	Dr. B.K. Barik Dr. S. Sahoo
Epidemiological profile of patients admitted with STROKE to IMS & SUM Hospital	1 year	25,000.00	SOA University	On-going	Dr. R. Padhi Prof. B.N. Panda Dr. S.S. Mohapatra
A comparative study of Surgical Billiary Bye Pass in the management of Obstruction Jaundice	1 year	25,000.00	SOA University	On-going	Dr. P.K. Sahoo
Laparoscopic Inguinal Hernia VS Open Mesh Repair which is advantageous	1 year	21,000.00	SOA University	On-going	Dr. B.P. Padhy
Cerebral and arterial blood flow velocimetry in normal and growth retarded pregnancy	1 year	26,000.00	SOA University	On-going	Dr. Satya Sundar Mohapatra Dr. Tapan Pattnaik
Cornea Transplant	1 year	25,000.00	SOA University	On-going	Dr. L. Pattnaik
Ocular surface disease & Microbial Flora in ICU Patients	1 year	25,000.00	SOA University	On-going	Dr. L. Pattnaik
Aetiologial and Microbiological Diagnosis of Corneal ulcers	1 year	25,000.00	SOA University	On-going	Dr.L. Pattnaik

RESEARCH PROJECT OF SPS

PROJECT TITLE	PROJECT DURATION	AMOUNT RECEIVED	FUNDING AGENCY	STATUS	NAME OF FACULTY MEMBERS INVOLVED
Assessment of genetic diversity in the genus	October,2006 to October,2009	25.04 Lakhs	DBT, New Delhi	In Progress	Dr. Sanghamitra Nayak Professor

Zingiber using different molecular markers and in vitro conservation of some rare and economic important taxa.					
Improvement of drug yielding potential of turmeric through in vitro mutagenesis	October,2009 to October,2012	40.8 Lakhs	DST, New Delhi	In progress	Dr. Sanghamitra Nayak Professor
Assessment of genetic diversity of some medicinally important taxa of Millettieae	2007-2008		CSIR, New Delhi	In Progress	Dr. Laxmikanta Acharya Lecturer
Biochemical and molecular characterization of wild and cultivated Ipomea species emphasizing on stress tolerance genotypes	2009-2012	20.0 Lakhs	DST, Govt. India, New Delhi	In progress	Dr. Laxmikanta Acharya Lecturer