

Ongoing Research Projects

Title of the Project	Principal Investigator	Total Fund (₹.)
A Comparative Study of Kautilya and Sun Tzu	R.K. Tandon	
A Nonlinear Dynamical Perspective on the Predictability of Climate over India	Suneet Dwivedi	26,55,000
A Study of Private Cost of UG Level Courses of University of Allahabad	P.K. Sahoo	35,000
A Study on Research Methodology in Philosophy" sponsored by ICPR, Indian Council for Philosophical Research, New Delhi	Gopal Sahu	2,50,000
Ab- Initio Study of Graphene – Cluster Systems	P. S. Yadav	8,68,8000.00
Acid Catalyzed Oxidation of Organics by Sodium Ferrate: A Potential Non-Hazardous Oxidant in Non-Aqueous Medium	P.K. Tandon	7,04,800
Adivasi Leadership and Development	G. C. Rath	
Anthelmintic Potential of Honey Bee Venom and its Role as Growth Supplement in Khaki-Campbell Duck Model	Sandeep K. Malhotra	12,85,600
Biochemical Studies of UV-B Protecting Pharmaceuticals in Freshwater Cyanobacterial Communities	Shanthy Sundaram	8,57,000
Bioinformatics Infrastructure Facility-Under DBT-Btisnet	D. K. Gupta	20,00,000
Computer Simulations of the Dynamics of Quark-Hadron Transition in the Polyakov Loop Model	Vivek Kumar Tiwari	8,79,250
Control Chart for Auto Correlated Observations on Grid	Anoop Chaturvedi	2,00,000
Cultural Resources and Forging a Democratic Order: Marginalized Groups in Northern India: A Research, Documentation and Dissemination Project	Badri Narayan	
Derivation and navigation of porcine (Sus Scrofa) pluripotent stem cells towards cardiomyocytes	Vinod Verma	22,00,000
Design and Development of Antiviral Compounds as Inhibitors of HIV Replication	R.K. Singh	54,93,400
Design and Development of Multifunctional Multilayer Thin Films and Nanostructure	Manoj Kumar Singh	9,52,800
Determination of Naturally Occurring and Man-Made Radionuclides in the Different Matrices of the Ganges River from Gangotri to Allahabad	Sandeep K. Malhotra	43,00,000
Development and Characterization of Nanomaterials For Biomedical Applications	R. R. Yadav	22,50,000
Development and validation of a screening tool for learning disability under the National Initiative on Educational Neuroscience	Bhoomika R. Kar	
Development of Optical ProbeWater	A. K. Rai	19,99,050
Development of Optical Probe for Detection and Quantification of Cr Species in Water	Awadhesh Kumar Rai	18,71,000
Development of Rare-Earth Ions-Metallic Nanoparticles Hybrid Phosphors for Lighting, Medical and Security Applications	A. C. Pandey	15,00,000
Development of Rare-Earth Ions-Metallic Nanoparticles Hybrid Phosphors with Hydro-Philic Polymer: An Application of Photocatalysis for Water Treatment; Joint Research Grant Under the South Africa/India Agreement on Cooperation in Science and Technology: UJ Nanomaterials Science Research Group, Department of Chemical Technology, University of Johannesburg, (DFC), South Africa and Nano Technology Application Center	A. C. Pandey	Exchange Visits: Rand 450000
Dielectric, Spectroscopy and Electro-Optical Studies of Twisted Grain Boundary Phases	Ravindra Dhar	22,29,645
DST Young Scientist	Suneet Dwivedi	23,00,000
Dynamics of Threats to Internal Security in India: Linking Human Dimensions	Sanjeev Bhadauria	9,17,000
Effect of Meditation on Scope of Attention	Narayanan Srinivasan	
Effect Radiations on Liquid Crystals Display Materials	Ravindra Dhar	27,93,029
Electroorganic Synthesis of BIS1,3,4-Oxadiazole Derivatives and Evaluation of their Antifungal Activities.	R.K. P. Singh	8,64,800/-
Emergence of Nanonist History Graphy and Historians of Allahabad	Heramb Chaturvedi	50,000
Environmental benefits and product involvement: A case study in India	Liesbeth Zandstra	5,88,960
Establishment of Bacterial Biodiversity from Effluent of Leather	M.P. SINGH	1309300

Industry: search of a novel species		
Establishment of Bacterial Biodiversity from Effluent of Leather Industry: search of a novel species	Ashish Kumar Singh	6,00,000
European Influence on Maratha Army	Prashant Agarwal	45,000
Evaluation of In-Vivo and In-Vitro Antioxidant Effect of Black Tea Polyphenols Theaflavins and Thearbigins: Relevance to Ageing	S. I. Rizvi	9,12,800
Exploring multi-modality interaction in language production using eye tracking	Ramesh Kumar Mishra	
External Evaluation of Mid Day Meal Programme, 10 Districts of Uttar Pradesh	S. K. Pant	
Fabrication of a MEMS Based Biosensor	Shanthy Sundaram	13,80,000
Flexible perception and action in the context of naturalistic scenes – ITPAR	Narayanan Srinivasan/ David Melcher	
Folk Medicine in An Urban Setting	U. Kalpagam	
For the Development of Ultrasensitive Bio-Sensors	A. C. Pandey	35,00,000
Formulation of Tri-State Switchable Display Materials	Ravindra Dhar	25,00,000
Functionalized Carbon Nanostructures: Synthesis and Characterization for Wide Application	Prashant Dubey	8,59,200
Functioning of Food Sovereignty and Rights Based Programmes in Naxal Affected Districts of Chhattisgarh	G. C. Rath	
Gadhian Perspectives on Economy, Society and Development	Bimal Kumar	
Ganga River Basin Management Plan (GRBMP)	J. K. Pati	14,00,000
Generation of Improved Photovoltaic Devices for Making Efficient Dye Sensitized Solar Cells	Anjana Pandey	38,00,000
Generation of bona fide Bubalus Bubalis induced pluripotent stem (iPS) cells	Vinod Verma	6,00,000
Geology of Dhala Impact Structure, Bundelkhand Craton, Central India Based on Remote Sensing, Field and Petrochemical Data	J. K. Pati	15,44,000
Granular GMR Materials: Synthesis and Characterization	Ram Gopal	24,95,750
Green Catalysis in Synthesis of Biologically Useful Heterocycles From Renewable Bioresources	J. Singh	11,00,000
Green Synthesis of Zero Valent Iron Nano Particles for Remediation of Organics, Metal Ions and Microorganisms in Polluted Water	P.K. Tandon	16,00,400
High Fluence Ion Beam Facility	A. C. Pandey	16,00,00,000
High Resolution Indian Ocean State Estimation	Suneet Dwivedi	13,12,000
High Resolution Sea Ice Modeling of the Southern Ocean	Suneet Dwivedi	95,98,000
Human Rights, Terrorism and National Security: A Special Case of J&K	Bharti Das	
Hydrogen Production through Biological Routes	Anjana Pandey	45,50,700
Identification of Some Indian Plants for the Development of Indigenous Technology to Make Water Potable	Anupam Dixit	22,76,000
Identification Indian Plants Showing Antifungal Activity Against Malassezia Spp. Causing Pity. Versicolor in Human	Anupam Dixit	26,09,597
Improved Ocean Initialization for coupled modelling for Week-2 Monsoon forecast	Suneet Dwivedi	91,59,200
Indonesian Throughflow Variability and Dynamics of Indian Ocean	Vivek K Pandey	24,20,000
Interaction of Emotion and Attention in Decision Making	Chandrasekhar Pammi	
Investigation and Quantification of Deposited Materials on Tokamak Vacuum Vessel Wall, Windows and Limiter using Laser Induced Breakdown Spectroscopy (LIBS)	Awadhesh Kumar Rai	67,37,000
Kinetic Studies of Oxidation of Some of the Organic Substrates of Biological Importance Using Ir(III)-2,2'-Bipyridyl Complex and Ir(III)-Chloride as Homogeneous Catalyst	Shahala Rehmani	10,10,800
Mesoscale Ocean Circulation Modeling and Data Assimilation in the Bay of Bengal Region Using 4D-Var	Suneet Dwivedi	15,62,000
Metal Oxide Based Gas Sensors	Pratima	9,63,800
Modeling Impact of land cover change on water resources in Ganga River Catchment, Allahabad using geochemical modeling and satellite data	S. K. Singh	8,00,000
Molecular Dynamics Simulation and Docking Studies of Acetylcholin-Esterase for Alzheimer's Disease	D. K. Gupta	14,00,000

Monitoring & Evaluation Programme For Implementation of SSA, 18 Districts of U.P.	S. K. Pant	
Mono- and Bi-Metallic Nanoparticles Adsorbed on Solid Support: A Cost Effective and Efficient Way for Treatment of Industrial Effluents and Contaminated Surface Water	P.K. Tandon	18,39,631
Morphology Control of Organic Materials for Nanobioand Electronics Devices KIT Japan/ BHU/ Uoa	A. C. Pandey	8,59,440
Nanophosphor Application Centre	A. C. Pandey	1,60,00,000
Nature-Inspired Low Cost Organic and their Nano Composite Based Photovoltaic Solar Cells	B. Singh	69,00,000
Neural Mechanisms of Language Comprehension in Bilinguals	Narayanan Srinivasan	
Neuro-cognitive mechanisms of conflict adaptation and affective control: A multimodal investigation	Bhoomika R. Kar	
Novel insight of Antidiabetic and Antioxidant Potential of Raphanus Sativus and Ficus Religiosa	Geeta Watal	17,62,000
Organocatalyzed Stereoselective Synthesis via Strategic Applications of Nitroalkanes	L.D.S. Yadav	35,000,00
Performance Enhancement of Large Area Solar Cells by incorporating Nanophosphors AOARD JAPAN	A. C. Pandey	10,0000.00
PF BL-7A/16A "Atom Resolved Contribution to the Magnetic Moment of Magnetic Quantum Dots" Proposal Number 2009G682, Photon Factory, Japan	A. C. Pandey	Beam Time
Philosophy of Mind in Advaita Vedanta	S. K. Maharana	1,45,000
Pliocene-Pleistocene Deep Sea Paleoceanography in the Southeastern Indian Ocean: Benthic Foraminiferal and Stable Isotope Data at ODP Site 754A	Ajai Kumar Rai	1,45,000
Polysaccharide-Protein dual Templated Biomimetic Synthesis of Novel Silica Matrix for Enzyme Immobilization	Vandana Singh	1787200
Polysaccharide-Protein Dual Templated Green Synthesis of Silver Doped Silica Matrices	Vandana Singh	6,06,800
Predictability of intra seasonal oscillations from coupled models	Shailendra Rai	15,60,000
Predictability of intraseasonal oscillatory modes and ENSO-monsoon relationship in NCEP CFS with reference to Indian & Pacific Ocean	Shailendra Rai	26,92,000
Predictability Studies of the Atmosphere Using Error Growth Studies on Low Mesoscale and Global Models	A. C. Pandey	15,73,800.00
Prospects of Indo Israel Strategic Partnership	Prashant Agarwal	4,51,200
Research and Development for "Synthesis, Assemble, and Characterization of Nano-Bio Hybrid Materials" ITC-PAC Research Project FFP	A. C. Pandey	Travel Support etc.
Resource Utilization, Environmental Problems and Sustainable Development in Trans-Jamuna Region of Allahabad District	B. N. Mishra	6,54,000
Roadside Temples	U. Kalpagam	
Role of Cognitive Control in Multilingualism	Bhoomika R. Kar	
Role of Sedges (Cyperaceae) in Wetlands and their Economic, Ethnobotanical, Importance	D. K. Chauhan	12,90,000-
Screening of Novel Psychrophilic Alkaline Protease from the Metagenome of Antarctic Soil	Ashish Kumar Singh	19,55,000
Self-Organization of Monodisperse Noble Metal Nanoparticles on Functionalized Graphene Via Green Approach for their Possible Applications	Prashant Dubey	27,55,771
Small and Intermediate towns in Regional Development Process: A Case Study of Rae-Bareli, Sultanpur and Pratapgarh Districts, UP, ICSSR	H. N. Mishra	4,70,000
Small and Intermediate Towns in Regional Development Process: A Case Study of Rae Bareli, Sultanpur and Pratapgarh District, U.P., ICSSR	M. Sinha	5,12,775
Socio Economic Survey, NTPC, Chattarpur, Madhya Pradesh	Bhaskar Majumder	
Spatial Estimation of Q from Seismic Coda Observations in the Gauribidanur Seismic Array Region of Southern India	J. N. Tripathi	10,00,000
Spoken language processing in illiterates using eye movements	Ramesh Kumar Mishra	
Sputtering in Thin Films	A. C. Pandey	2,61,000
Stochastic Climate Modeling	Suneet Dwivedi	25,00,000

Strategic Applications of Organocatalyst to Stereoselective Cascade Reactions	L. D. S. Yadav	16,70,000
Study of Changes in Cognitive Ecosystem from Late Pleistocene to Early Holocene in the Northern Vindhyas and the Middle Ganga Plain (from circa 40000 to 8-6000 BP)	Ancient History Department	
Study of Extreme Rainfall Events over India in the Context of Climate Change	Suneet Dwivedi	24,84,000
Study of Lithospheric Heterogeneity Based on the Envelope Analysis of Short Period Seismograms	J. N. Tripathi	2,27,000
Study of Sea-Ice Using Radar Altimeter ALTIKA of Satellite Mission SARAL	A. C. Pandey	11,00,000
Study of Sea-Ice using radar Altimeter ALTIKA of Satellite Mission SARAL	Suneet Dwivedi	11,00,000
Study on Plant Growth Regulators Induced Modulation of Cadmium Toxicity in Some Vegetable Crops	S. M. Prasad	14,9,800
Sufi Saints and their Relevance in Contemporary Society	Anant Ram Mishra	
Sustainability, Inclusiveness and Freedom: Issues and Cases from Stone-Mining Sector in UP	Sunit Singh	
Synthesis and Ultrasonic Characterization of Nanoparticles-Reinforced Polymer Nanocomposites and their Applications	R. R. Yadav	22,00,000
Synthesis and Ultrasonic Characterization of Novel Short Fibres Reinforced Nanocomposites and their Applications	R. R. Yadav	43,55,000
Targeted delivery of Different size microparticles to the lung macrophage.	Awadh Bihari Yadav	6,00,000
Targeted delivery of shRNA loaded microparticles to the lung macrophage for lung inflammation disease	Awadh Bihari Yadav	23,00,000
The Neural Mechanisms of Decision Making for Coordinated Eye-Hand Movements	Supriya Ray	2,25,00,000
Tracers Study Successful Students of NIOS in Uttar Pradesh, NIOS	P.K. Sahoo	5,60,000
UGC innovative Project for Bioinformatics	D. K. Gupta	19,50,000
UGC SAP III DRSI, Quality Enhancement in Education & Research.	P.K. Sahoo	30,00,000
Urbanization and Regional Development in Eastern Uttar Pradesh	H. N. Mishra	8,90,000
Violence and Political Process in UP (1989-2009)	Badri Narayan	