



# विश्वविद्यालय अनुदान आयोग



पत्र संख्या: ०८६/०८१  
च. नं.: १११६

मिति : २०८०/१२/२०

## सूचना

आयोगबाट आ.व. २०८०/८१ को लागि सहकार्यात्मक अनुसन्धान अनुदान (Collaborative Research Grant) प्रदान गर्न प्रस्ताव माग भए अनुसार पेश भएका प्रस्तावहरू मध्ये तपशिलमा उल्लेखित आवेदकहरूको प्रस्ताव विषयगत विज्ञहरूको मूल्यांकन चरणबाट दोस्रो चरणको मूल्यांकन (प्रस्ताव प्रस्तुतिकरण) का लागि छनौट भएकोले सम्बन्धित सबैको जानकारीका लागि यो सूचना प्रकाशित गरिएको छ। प्रस्ताव प्रस्तुतिकरणको मिति, समय, र स्थान र सो सम्बन्धि अन्य जानकारी निकट भविष्यमा आयोगको वेबसाइट मार्फत जानकारी गराइनेछ।

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प्रा. डा. लाल प्रसाद अम्माई  
(निर्देशक)

अनुसन्धान तथा छात्रवृत्ति महाशाखा

SN	Principle Investigator	Co-Investigators	Title of the Project	Institution
<b>Cluster: Agriculture and Forestry</b>				
1	Dr. Puspa Raj Poudel	Subodh Khanal, Rukmagat Pathak, Dr. Bal Krishna Joshi, Dr. Tek Prasad Gotame	Diversity Assessment of Local Papaya Genotypes in Lumbini Province: Unravelling the Potentialities for Future Breeding Programs	Institute of Agriculture and Animal Sciences, Tribhuvan University
<b>Cluster: Education</b>				
2	Dr. Narayan Prasad Timilsena	Dr. Hikmat Bahadur Khatri, Dr. Rajendra Khanal, Ganesh Prasad Khanal, Krishna Maya Devkota	Effectiveness of Federal Government Service Delivery System in Educational Sector: A Comparative Study of Federal, Provincial and Local Government's Roles, Responsibilities and Accountability	Central Department of Education, Tribhuvan University
<b>Cluster: Engineering</b>				
3	Dr. Samundra Gurung	Rupesh Gautam, Menaka Karki	Distribution of Grid Visualization using AI & Smart Sensors for Performance Enhancement of the Nepal Electric Distribution System	School of Engineering, Kathmandu University
4	Dr. Ram Kaji Budhathoki	Deepesh Prakash Guragain, Rupesh Dahi Shrestha	Design and Development of a Low Cost, IOT based Water Quality Monitoring with Machine Learning Decision Support for Rural Communities of Nepal	School of Engineering, Kathmandu University
5	Dr. Yagya Raj Pandeya	Dr. Kumar Lama, Dr. Harish Chandra Bhandari	Anticipating Future Solanaceae Vegetable Family Crop Diseases Using Weather-Dependent Forecasting Models	School of Engineering, Kathmandu University
6	Dr. Aman Shakya	Dr. Basanta Joshi, Roshan Chitrakar, Anku Jaiswal	Speech and Natural Language-Based Augmentative and Alternative Communication Systems to Facilitate Interaction for People with Disability in Nepal	Pulchowk Campus, Tribhuvan University
7	Dr. Bal Krishna Bal	Dr. Balaram Prasain, Dr. Prakash Poudyal	Multi Modal Data-based Incident Analysis-Blending Technologies for Social Justice and Good Governance	School of Engineering, Kathmandu University
8	Dr. Shyam Sundar Khadka	Ranjit Shrestha, Saraswoti Acharya	Development of Rock Mass Classification System for Tunnel Support Design using Machine Learning approaches in the Nepal Himalaya	School of Engineering, Kathmandu University
9	Dr. Shree Raj Shakya	Dr. Anita Prajapati, Dr. Sanjeev Maharjan	Environmental, Energy Security, Energy Equity, and Health (3EH) Co- Benefits of Nationally Determined Contributions in Nepal	Pulchowk Campus, Tribhuvan University
<b>Cluster: Health Sciences</b>				
10	Dr. Ranjan Sapkota	Dr. Pranil Man Singh Pradhan, Sushan Man Shrestha	Prevalence of Human Hydatid Disease Among High-Risk Population in Baglung District of Nepal: A Screening Study	Maharajgunj Medical Campus, Tribhuvan University
11	Dr. Bhoj Raj Adhikari	Dr. Manoj Humagain, Dr. Simant Lamichhane, Dr. Mamata Shakya, Dr. Khilasa Pokharel, Dr. Sumita Upadhyay	Human Dental Plaque- An Emerging Home for a Prominent Gut Microflora Helicobacter Pylori	School of Medical Sciences, Kathmandu University

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12	Dr. Damaru Prasad Pareru	Dr. Bishal Gyawali, Dr. Abha Shrestha	Prevalence Of Gestational Diabetes Mellitus and its associated Factors Among Pregnant Women attending at Selected Tertiary Hospitals of Nepal. A Cross-Sectional Study	School of Health and Allied Sciences, Pokhara University
13	Dr. Seshananda Sanjel	Dr. Bishnu Prasad Choulagain, Nishant Lama, Vijaya Lal Shrestha, Umesh Raj Aryal, Bharat Kafle	Cost of Treatment for Referral and Non-Referral Cases within and between Remote and Accessible Area Tertiary Hospitals in Nepal	School of Public Health, Karnali Academy of Health Sciences
14	Dr. Babu Raja Maharjan	Dr. Ashish Shrestha, Dr. Ritu Bashyal, Dr. Binnam Shakya, Archana Bhaila, Krishna Bahadur GC	Effectiveness of the Community-Based Counselling, Diet and Exercise Intervention for Improving the Metabolic Syndrome	School of Medicine, Patan Academy of Health Sciences
<b>Cluster: Humanities &amp; Social Sciences</b>				
15	Dr. Bhim Lal Gautam	Dr. Prem Prasad Poudel, Dr. Hari Maya Sharma, Dr. Binod Yadav	Multilingual Management of Nepal's Linguistic Diversity: Language Officialization, Revitalization and Linguistic Social Justice	Central Department of Linguistics, Tribhuvan University
16	Dr. Arjun Kumar Thapa	Dr. Ram Prasad Aryal, Durga Ghimire	Health Tourism and Its Impacts on Tourists Wellbeing and Local Economy in Kathmandu and Pokhara Valley	School of Development and Social Engineering, Pokhara University
<b>Cluster: Science &amp; Technology</b>				
17	Dr. Armila Rajbhandari (Nyachhyon)	Dr. Sarmila Pradhan Amatya, Dr. Santosh Khanal	Preparation, Characterization, And Application of Biomass Derived Activated Carbon-Based Composite for Waste Water Treatment	Central Department of Chemistry, Tribhuvan University
18	Dr. Sarita Manandhar	Dr. Shraddha Basi Chipalu, Suchitra Thapa	Molecular Characterization of Colistin and Vancomycin Resistant ESKAPE Pathogens in A Tertiary Care Hospital Setting of Nepal	Tri-Chandra Multiple Campus, Tribhuvan University
19	Dr. Kishor Kumar Maharjan	Dr. Rita Singh, Dr. Rajeshwori Malla Pradhan	Microplastic Contamination in Bottled Drinking Water Sold in Kathmandu Valley	Tri-Chandra Multiple Campus, Tribhuvan University
20	Dr. Suman Panthee	Dr. Moti Lal Rijal, Dr. Ranjan Kumar Dahal	Study of Anisotropic Strength and Elastic Behavior of Foliated Metamorphic Rocks	Central Department of Geology, Tribhuvan University
21	Dr. Kumar Khatri	Santoshi Shrestha, Dhiraj Giri	Morphological, Molecular Characterization, Taxonomic Status, and Ecological Study of Genus Pseudolaguvia from Different River Systems of Nepal	Central Department of Environmental Science, Tribhuvan University
22	Dr. Janardan Lamichhane	Rajan Shrestha, Ashwini Kumar Shrestha, Anup Luitel, Ronak Shrestha, Rabindra Kumar Rokaya	Screening and Identification of Bioactive Compound(s) Present in Rhododendron Cowanianum and Rhododendron Lowndesii with Anticancer Activity	School of Science, Kathmandu University

