



# विश्वविद्यालय अनुदान आयोग

पत्र संख्या: ०८२१०८३  
च. नं.: १६१६

मिति : २०८२/०१/३०

## सूचना

आयोगबाट आ.व. २०८२/८३ को लागि सहकार्यात्मक अनुसन्धान तथा नवप्रवर्तन अनुदान (Collaborative Research and Innovation Grant) प्रदान गर्न प्रस्ताव माग भए अनुसार पेश भएका प्रस्तावहरू मध्ये तपशिलमा उल्लेखित प्रस्तावहरू विषयगत विज्ञहरूको मूल्यांकन चरणबाट दोस्रो चरणको मूल्यांकन (प्रस्ताव प्रस्तुतिकरण) का लागि छनौट भएकोले सम्बन्धित सबैको जानकारीका लागि यो सूचना प्रकाशित गरिएको छ।

प्रस्ताव प्रस्तुतिकरण तालिका यसै सूचनासंग संलग्न रहेको समेत जानकारी गराइन्छ।

डा. निरज धिताल  
(निर्देशक)

अनुसन्धान तथा छात्रवृत्ति महाशाखा

  
**University Grants Commission**  
 Sanothimi, Bhaktapur  
**Collaborative Proposal Presentation Schedule**  
**Venue: University Grants Commission, Sanothimi**  
**Cluster: Science & Technology**

Date: 2083/03/06 (May 20, 2026) Wednesday					
Session I					
SN	Title of Proposal	Research Team	Time	<ul style="list-style-type: none"> <li>Prepare slides for 20 minutes</li> <li>All members of research team must be present</li> <li>Include budget justification (categorical description of the proposed cost)</li> <li>Role of the Research Team (need analysis &amp; job description)</li> </ul>	
1	Impacts of Increasing Temperature and Drought Stress on Reproductive Fitness and Yields of Two Major Vegetable Crops in Nepal	Dr. Babu Ram Paudel Dr. Achyut Tiwari, Dr. Chandra Kanta Subedi	11:00 AM		
2	Floral Composition, Ethnobotany & Community-Based Entrepreneurship in Chure Forests	Dr. Narayan Prasad Ghimire, Dr. Anjana Devkota, Anjana Kharbuja, Dr. Sailesh Ranjitkar	11:45 AM		
Session II					
3	Restoration of Alien Plant-Invaded Ecosystems through Eco-Friendly Management and Biomass Valorization for Horticultural Enhancement	Dr. Lal Bahadur Thapa Dr. Sabita Shrestha, Sanu Raja Maharjan	12:30 PM		
4	Exploration of Orchid Species Diversity in Karnali River Basin, Western Nepal and Their Conservation Measures	Dr. Mukti Ram Paudel, Prof. Dr. Bijaya Pant, Dr. Deepak Raj Pant	01:15 PM		

Date: 2083/03/07 (May 21, 2026) Thursday					
Session I					
SN	Title of Proposal	Research Team	Time	<ul style="list-style-type: none"> <li>Prepare slides for 20 minutes</li> <li>All members of research team must be present</li> <li>Include budget justification (categorical description of the proposed cost)</li> <li>Role of the Research Team (need analysis &amp; job description)</li> </ul>	
1	Eco-Hydrological Resilience, Hydrogeochemical Dynamics, and Sustainable Spring shed Management in the Leeward Himalayas, Nepal	Dr. Ramesh Raj Pant Dr. Mandira Pradhananga Adhikari, Dr. Mohan Bahadur Chanda	11:00 AM		
2	Rational Design, Synthesis and Functional Applications of Metal Organic Framework for Gas Separation, Catalysis and Waste Water Remediation	Dr. Nurapati Pantha, Dr. Chhabi Lal Gnawali, Dr. Dinesh Acharya	11:45 AM		
Session II					
3	Engineering Kagome Topological States for Cutting-Edge Alter magnetic and Quantum Devices	Dr. Madhav Prasad Ghimire, Dr. Priti Regmi, Dr. Hari Shankar Mallik	12:30 PM		
4	Integrative Approach for Herpetofaunal Inventory and Conservation Threat Assessment in Koshi Province, Nepal	Dr. Laxman Khanal Dr. Narayan Prasad Koju, Dr. Indra Prasad Subedi, Uma Sharma	01:15 PM		

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Date: 2083/03/08 (May 22, 2026) Friday



SN	Title of Proposal	Research Team	Time		
1	Metabolomic Profiling and Cytotoxicity Evaluation of Medicinal Plants Selected for Their Biological Activities	Dr. Khaga Raj Sharma Prof. Dr. Akkal Dev Mishra, Ishtyaque Mikrani	11:00 AM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>	
2	Generation of Luminescence from Rare earth doped Garnets for Solid State Lighting Applications	Dr. Prem Singh Saud Dr. Rama Devi Nepal, Dr. Bhawani Datt Joshi	11:45 AM		
<b>Session II</b>					
3	Genomic Insights into Colistin and Vancomycin resistance among ESKAPE Pathogens in hospital settings of Nepal	Dr. Sarita Manandhar Dr. Dipendra Shrestha, Jyoti Amatya, Dr. Nilam Thakur	12:30 PM		
4	ESBL, AMPC, and Carbapenemase Producing and Biofilm-forming Enterobacteriales in Bird Droppings from a Migratory Bird Stopover (Taudaha Lake), Kathmandu	Dr. Supriya Sharma Dr. Shambhu Shah, Krishna Gurung, Dr. Saket S Limaye	01:15 PM		

Cluster: Health Sciences

Date: 2083/03/07 (May 21, 2026) Thursday

Session I

SN	Title of Proposal	Research Team	Time		
1	Design and Optimization of Nanoparticle Albumin-Bound Paclitaxel Delivery System, its In-vitro Characterization and Preclinical In-vivo Assessment using Murine Models	Dr. Rajan Shrestha, Dr. Ashwinee K Shrestha, Dr. Ronak Shrestha, Dr. Mayuri Gupta	01:00 PM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>	
2	Pharmacological investigation of a Combinational Therapy (GSE-Vit E + Prob) Effects on PCOS-related Metabolic Dysfunction in a Letrozole-Induced Mice Model	Dr. Durga Bista, Dr. Prawej Ansari, Badri KC	01:45 PM		
<b>Session II</b>					
3	Innovative Approaches to Atypical Antibody Detection in Transfusion-Dependent $\beta$ -Thalassemia Patients in Nepal	Dr. Lokendra Yadav, Dr. Suspendra Karki, Bishwash Sapkota	02:30 PM		
4	Bridging Gaps in Dengue Surveillance: A Comprehensive Surveillance at Primary Health Care Centers in Nepal	Prof. Dr. Sony Shakya (Shrestha), Surendra Kumar Madhup, Dr. Nabin Simkhada, Sabin Bikram Shahi	03:15 PM		
5	Prevalence and risk factors of Cardiovascular Disease Among Adults in Rural versus Urban Regions of Nepal: A Community-Based Comparative Cross-Sectional Study	Dr. Chandra Mani Paudel, Prof. Dr. Ratna Mani Gajurel, Dr. Eans Tara Tuladhar, Dr. Pranil Man Singh, Dr. Hemant Shrestha, Dr. Surya Devkota	04:00 PM		

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Date: 2083/03/08 (May 22, 2026) Friday

Session I

SN	Title of Proposal	Research Team	Time		
1	Fostering Resilience in Schools in Kathmandu: A Mixed-Method Efficacy Study of Socio-Emotional Learning Among Early Adolescents and Teachers	Dr. Suraj Shakya, Saraswati Dhungana, Khem Raj Bhatta, Kamal Gautam	01:00 PM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>	
2	Suicide in Nepal: A modified psychological autopsy study	Dr. Ajay Risal, Dipak Kunwar, Barsha Shrestha	01:45 PM		
<b>Session II</b>					
3	Comprehensive Analysis of Composition and Microbiome in Gallstones from Patients undergoing Effective Cholecystectomy	Dr. Bala Ram Malla, Prof. Dr. Rajendra Joshi, Dr. Shashank Shrestha, Dr. Srijana Ranjit, Aastha Shrestha	02:30 PM		
4	Biochemical Risk Profiles of Non-Communicable Diseases and Vitamin D Deficiency among Working-Age Adults in Pokhara Metropolitan, Nepal	Dr. Tulsi Ram Bhandari, Dr. Bishnu P Choulagai, Jenny Ojha	03:15 PM		

Cluster: Management

Date: 2083/03/11 (May 25, 2026) Monday

Session I

SN	Title of Proposal	Research Team	Time	
1	Bridging the Skill Gap: Aligning Vocational Education with Human Resource Needs in Nepal	Dr. Rewan Kumar Dahal, Dr. Padma Prasad Khatiwada, Dr. Binod Ghimire	11:00 AM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>

Cluster: Education

Date: 2083/03/11 (May 25, 2026) Monday

Session I

SN	Title of Proposal	Research Team	Time	
1	Promoting Healthy Eating Behaviors Among Students Through a School-Based Intervention	Dr. Devraj Acharya, Dr. Yadu Ram Upreti, Dr. Hari Lal Mainali, Asha Thapa	02:00 PM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>
2	Factors Influencing Instructional Design and Delivery among TVET Instructors and their Association with Green Pedagogy: A Mixed Methods Study	Prof. Dr. Prakash Chandra Bhattarai, Dr. Prakash Kumar Poudel, Dr. Suresh Gautam, Prof. Dr. Durga Parajuli Devkota	02:45 PM	

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Cluster: Humanities & Social Sciences

Date: 2083/03/12 (May 26, 2026) Tuesday

Session I

SN	Title of Proposal	Research Team	Time	
1	Transition towards e-cooking: Examining the role of subsidy and information in promoting the adoption of clean cooking technology	Dr. Nirmal Kumar Raut, Dr. Narayan Prasad Gautam, Naveen Adhikari	01:00 PM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>
2	Effectiveness of Shirodhara on linguistic and cognitive performance- An interface research on Cognitive Science and Ayurveda therapy	Dr Lekhnath Sharma Pahtak, Dr. Nirmal Bhusal, Bharat Pathak	01:45 PM	
<b>Session II</b>				
3	An Ethnographic Study of Gopali Language, Culture, and Institutional Encounters	Dr. Kapil Babu Dahal, Madhu Giri, Shyamu Thapa Magar	02:30 PM	
4	Bridging Academia and Industry: A Comparative Study of Curriculum Relevance at Three Major Universities in Nepal	Dr. Bishnu Prasad Pokharel, Dr. Yadav Mani Upadhyaya, Jeevan Khanal	03:15 PM	

Subject: Engineering

Date: 2083/03/13 (May 27, 2026) Wednesday

Session I

SN	Title of Proposal	Research Team	Time	
1	Integrating Indigenous Knowledge and Material Science: Optimizing Rana Tharu Earth-Composite Wall Systems for Sustainable and Climate-Resilient Terai Housing	Dr. Kisan Datta Bhatta, Birendra Kumar Bohara, Bishnu Prasad Gautam	11:00 AM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>
2	Design, Fabrication and Performance Analysis of a 10-100W Proton Exchange Membrane Fuel Cell Stacks	Dr. Prabal Sapkota, Dr. Shailendra Kumar Jha, Padhav Prasad Pandey	11:45 AM	
<b>Session II</b>				
3	Video-Based Triage of Patients Visiting the Emergency Department at Tertiary Hospital, Nepal	Dr. Sanjeeb Prasad Panday, Dr. Ashis Shrestha, Dr. Ashim Khadka, Dr. Ranju Kumari Siwakoti	12:30 PM	
4	Design and Development of Krishi-Sense: An Integrated IoT and AI Platform for Sustainable Farming with Real-Time Crop Monitoring and Disease Forecasting	Dr. Ram Kaji Budhathoki, Deepesh Prakash Guragain, Rupesh Dahi Shrestha, Kumar Lama	01:15 PM	
5	Development of an HPC-enabled IoT Wildfire Early Warning and Spread Prediction System: A Pilot Study in Nepal	Prof. Dr. Sudan Jha, Anand Gachhadar, Sanjog Sigdel	02:30 PM	

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Date: 2083/03/14 (May 28, 2026) Thursday

Session I

SN	Title of Proposal	Research Team	Time	
1	Morpho-anatomical diversity and elevational-climatic influences on the distribution of <i>Rhododendron L.</i> (Ericaceae) species in Nepal	Dr. Bal Krishna Ghimire, Dr. Sudip Pandey, Shreehari Bhattarai	11:00 AM	<ul style="list-style-type: none"> <li>• Prepare slides for 20 minutes</li> <li>• All members of research team must be present</li> <li>• Include budget justification (categorical description of the proposed cost)</li> <li>• Role of the Research Team (need analysis &amp; job description)</li> </ul>
2	Comparative Germplasm Profiling and Optimization of Tissue Culture Protocol for Large-Scale Multiplication of <i>Curcuma longa L.</i> and <i>Curcuma caesia Roxb</i> (CGPTC)	Dr. Nabin Bhusal, Krishna Hari Dhakal, Deependra Dhakal	11:45 AM	
3	Phenotypic and Molecular Profiling of Khari Goats with Fecundity Associated Genes in Nepal	Dr. Nirajan Bhattarai, Ramkrishna Yadav, Dr. Chet Raj Pathak, Dr. Suraj Sapkota	12:30 PM	

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