

Office of the Registrar
Directorate of Research, Development & Innovation (RDI)

Central Office, Dhulikhel, Kavre

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19TH October, 2023

NOTICE!!!

This is to notify that the following proposals submitted to RDI in response to the announcement published on 11th August, 2023 have been selected for presentation of the proposal. For category- I, 10 minutes has been allocated and for category-II, 15minutes has been allocated for presentation. Another notice will be published for date and time of the presentation.

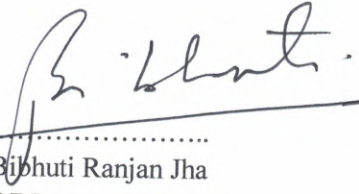
SHORTLISTED PROPOSALS:

SN	Title of Projects (Category-I)	Applicant Name	School	Department
1	Integration of Nepalese Traditional Craftsmanship with 3D Printing Technology in Metal Casting for Industrial Design	Tejesh Man Shakya	SOE	Mechanical
2	Design and Fabrication of an Automated Bottling system and its techno-economic analysis for production optimization of aKUa	Uren Amatya	SOE	Mechanical
3	Comparative Study on Physical and Mechanical Properties of Clay Burnt Nepalese Brick and Stabilized Mud Mortar.	Mahesh Raj Bhatt	SOE	Civil
4	Herb Identification using Deep Learning and Mobile Application	Rojina Shakya	SOE	CSE
5	A Survey of Post Quantum Cryptography Schemes and Their Cryptanalysis	Dr. Gokul K.C	SOS	Mathematics
6	Evaluation of Antibodies activities of Secondary Metabolies in Glycyrrhiza via Computational and Biomolecular Methods	Simon Kumar Shrestha	SOS	Biotechnology
7	Unveiling the Ecological Significance of Soil Macrofauna	Dr. Ram Devi Tachamo Shah	SOS	Life Science
8	Evaluating the Effectiveness of Phosphate Solubilizing Bacteria on Plant Growth Promotion of Tartary Buckwheat (<i>Fagopyrum tartaricum</i> (L.) Gaertn.)	Roshan Subedi	SOS	Life Science

9	Exploring the challenges Experienced Service Providers of National Health Insurance Program In Selected District of Nepal	Upasana Acharya	SOS	Pharmacy
10	A Study on Good Pharmacy Practice implementation Strategies, Facilitators: A Qualitative Study on Pharmacy Professionals and Satkeholders	Badri K.C	SOS	Pharmacy
11	Factors Affecting Women Entrepreneurs' Success in Dhulikhel Municipality	Suraj K.C	SOL	
12	Enabling Sustainable Alumni Engagement for Achieving KUSOEd's Transformative Vision	Basu Prasad Subedi, PhD	SOEd	Educational leadership and Management
13	चिसो चुल्हो महाकाव्य मा प्रयोगधर्मिता	Dr. Ram Chandra Poudel	SOA	Language and Mass Communication
14	Knowledge and Utilization of National Health Insurance Services among Adult Patient Attending a Tertiary Health Facility on Pokhara	Durga Dhungana	Manipal College	Department of Medicine

SN	Title of Projects (Category-II)	Applicant Name	School	Department
1	Perceived sources of stress among dental undergraduate students and its impact on academic progress and oral hygiene status	Prof. Dr. Manoj Humagain	SMS	DPOI
2	Interspecific grafting of tomato (<i>Solanum lycopersicum</i>): an alternative technology to manage the root-knot nematode and bacterial wilt disease without altering the fruit quality	Dr. Kumar Lama	SOS	Life Science
3	Baseline Limnology of a high mountain Ramsar Site – Shey Phoksundo, Dolpa, Nepal.	Dr. Smriti Gurung	SOS	DESE
4	Planning and design of a robotic data logging system for WEIR-laboratory at Kathmandu University	Er. Santosh Chaudhary	SOE	Civil
5	Design and fabrication of 3 axis CNC milling machine	Dr. Krishna Prasad Shrestha	SOE	Mechanical
6	Enhancing municipal solid waste generated fly ash for use in cement industry	Dr. Bibek Uprety	SOE	Chemical
7	Election Candidate's Commitment Mining Using Deep Learning	Dr. Prakash Poudyal	SOE	Computer
8	Solanaceae Vegetable Disease Identification and Remedy Suggestion using Deep Learning and a Mobile Application	Dr. Yagya Raj Pandeya	SOE	Computer
9	IoT Based Humidifier for Indoor Farming System	Dr. Ram Kaji Budhathoki	SOE	DOEE

10	Development of Hostel Management Application	Mr. Ramesh Ghimire	SOM	MIC
11	Legal Consequences of the Adoption and Application of TERAMOCS Technology in Nepal: Facts, Fears and Precautions	Dr. Shiva Kumar Giri	Law	Law
12	Media Usage Patterns among the 12th Grade Students in Kathmandu Valley	Dr. Nirmala Mani Adhikary	SOA	LaMC
13	Exploration of the Academic Programme and Curriculum Development Practices at Kathmandu University	Dr. Hem Raj Kafle	SOEd	Language


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Prof. Dr. Bihuti Ranjan Jha
Director, RDI
Kathmandu University