



Collaborative Research Grant Result

S. N.	Name of P. I.	Subject	Title
1	Akaldev Mishra	Chemistry	Design and synthesis of hydrogen storage materials for green energy device.
2	Chitra Bahadur Baniya	Botany	Impact of climate change on lichen diversity in karnali Province, west Nepal
3	Nurapati Panta	Physics	Selective storage of toxic gases on metal - Organic frame works.
4	Rajendra Parajuli	Physics	Electronic, Magnetic, Mechanical and transport properties of XYZ (X=Zr, Nb,Ti; Y=Co Fe, Ni; Z=Sb,Sn) half heusler's materials
5	Sabita Shrestha	Chemistry	Managing fungal phytopathogens of economically important crops of nepal using nanoparticles

Ph. D. Grant Result

S. N.	Candidate Name	Subject	Title
1	Anil Prasai	Zoology	spatio-temporal pattern of human big cats interaction in estern tarai area landscape, Nepal
2	Archana Katuwal Chhetri	Microbiology	Moleclar characterization of anti microbial drug resistance in bacterial isolates from cancer patients.
3	Chakrapani Lamsal	Political Science	Political Participation of the new middle class in Nepal.
4	Deepjyoti Adhikari	Chemistry	Effect of molecular architecture of phenol on properties of natural fiber-based phenol fermaldehyde resin composite
5	Deergh Bahadur Shahi	Physics	Topological phase transition in jacutingaite family: $M_2NX_{(3-n)}Y_n$
6	Eeshwar Prasad Poudel	Mathematics	Two-Layer dispersion of air pollutants, optimal measure and control



Research and Development Office
Tribhuvan University
Nepal

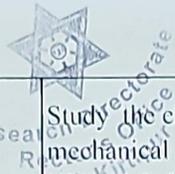
7	Guna Nidi Pokhrel	Geology	Ground water potential of carbonate and associated rocks of lesser himalaya western, Nepal
8	Kalpana Gyawali	Physics	In silico investigation of plant-based potential inhibitors of SARS-Cov-2 structural protein.
9	Kashi Prasad Adhikari	Anthropology	Political transformation of maoist leaders : An ethnographic study of khandachakra Municipality in kalikot district.
10	Kedar Prasad Luitel	Botany	Restoration of soil nutrients by the application of leguminous plants in flood damage crop land by koshi river, Eastern Nepal
11	Laxmi Bashyal	Population Studies	Women empowerment through participation in local governance.
12	Madhan Khanal	Physics	Spectroscopic and radioactive analysis of selected herbal product.
13	Mohan Bahadur Kshetri	Physics	Density functional analysis of transition metal doped ZnO nanoparticles and their inhibitory roles in protein targets.
14	Prativa Lamsal	Engineering	Study on adaptive thermal comfort model for energy saving in office building of Kathmandu Valley
15	Rajendra Bahadur G.C	Chemistry	Synthesis and characterization of biomass based nano cellulose film for smart food packaging biomedical application and environment remediation
16	Samjana Bharati	Chemistry	Chemical analysis and biological studies of Aiziphus budhensis.
17	Sandesh Sawant	Psychology	Prevalance of specific learning disorders and their emotional behavioral manifestation among primary school
18	Santosh Dhungana	Physics	Study on the effects on non thermal plasma and plasma activated water (PAW) on seed germination and plant growth of red cherry pepper chili/Akabare khurasni (capsicum annum L. var cerasiferae)

M. Phill. Grant Result

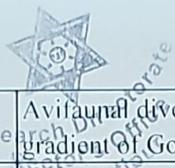
S. N.	Candidate Name	Subject	Title
1	Mamata Lamichhane	Anthropology	Effect of Longterm Restive mood of Dashain - Tihar
2	Puja Malla	Sociology	Practice of Meter Byaji Survivals in Mahottari

Master's Thesis Grant Result

S. N.	Name	Subject	Title
1	Amrit Bhusal	Chemistry	Synthesis and characterization of oxovanadium C(V) complexes: DNA binding antioxidant, antidiabetic and antimicrobial studies
2	Aneesa Dhungana	Nurising	Lived experienced of parents having child with autism spectrum disorder
3	Anjali Dulal	Microbiology	molecular profiling of adenovirus from acute viral conjunctivitis patients visiting an eye hospital in Kathmandu valley, Nepal
4	Anuradha Kadel	Clinical Bioschemistry	Lipoprotein 'a' level and Apo B/Apo A1 ratio in atherosclerotic cardiovascular disease compared to lipid profile
5	Babita Neupane	Microbiology	Carbapenemase genes in Klebsiella pneumonia isolates at a tertiary care hospital, Nepal
6	Bhushan Subedi	Geography	Climate change impact on agriculture and adaptation strategies: A case study of Ranajor Khola, Basin Manthali
7	Binita Subedi	Biotechnology	Quantification of plastic degradation of plastic degradation by wax moth larva and identification of the byproduct
8	Brik Chan Rajbanshi	Chemistry	synthesis and characterization of ZnO doped cellulose nanocrystal from corchorus olitorius for the photocatalytic application
9	Chet Raj Pant	Chemistry	Synthesis characterization and application of magnetite(Fe ₃ O ₄) Nanoparticles from coriandrum sativum extract



10	Devi Ram Regmi	Physics	Study the electronic, magnetic mechanical and transport properties of NbFeSb half-Heusler's component material
11	Dil Raj Rai	Anthropology	Dissecting the park Ethnographic study of relation between the park and People of Biddhim
12	Dinesh Raj Regmi	Geology	Deterministic landslide susceptibility mapping and geohazard assessment of Budigandaki reservoir emphasized on stability of reservoir rim, Budhigandaki hydropower project central Nepal
13	Dipa Kumari Ayer	Chemistry	Aqueous extract of corydalis govaniana as a green inhibitor for mild steel corrosion in 1M H ₂ SO ₄ solution
14	Dipendra Prasad Kalauni	Physics	Electronic, magnetic and thermoelectric Properties of transition metal doped Lu ₂ MnCoO ₆
15	Gauri Shankar Joshi	Education	Association between nutritional behavior and nutritional status among tuberculosis patients having treatment at DOTS center in Lalitpur district, Nepal
16	Geeta Aryal	Chemistry	Isolation of yttrium, Europium and indium for liquid crystal display(LCD) and cathode-ray tube (CRT) monitor waste: a cherry picking of rare earth metal for E- Waste
17	Imran Ahamad Khan	Agronomy	Production and nitrogen use efficiency as influenced by different forms urea in rice
18	Karan Deuba	Physics	Study the electronic, magnetic, mechanical and transport properties of ZrCoSn half-Heusler's material
19	Keshab Chaudhary	Physics	Electronic, Magnetic Properties and phase diagram of distorted kagome antiferromagnet A ₂ Cu ₃ SnF ₁₂ (A=Cs, Rb)
20	Mamta Thapa	Microbiology	Determination of Opportunistic bacterial infection and its relation with viral load and cotrimoxazole preventive therapy in patients visiting Sukraraj tropical and infectious disease hospital.
21	Manoj KC	Mathematics	Numerical methods and its application for transient analysis of LCR Circuit
22	Muna Bhattarai	Zoology	Practices of pigs raised in farms and residential setting by Magar people in Syangja, Nepal



23	Nabaraj Pokharel	Environmental Science	Avifaunal diversity along the elevational gradient of Gosaikunda trail, Nepal
24	Nabin Aryal	Physics	Study the electronic, magnetic, mechanical and transport properties of NbCoSn half-Heusler's material
25	Pabitra Chaudhary	Botany	A comparative study on bioactive constituents between mother plant, invitro and micro propagated curcuma aeruginosa Roxb
26	Pawan Bahadur Bam	Environmental Science	Landslide susceptibility and vulnerability assessment in sannigad watershed of Karnali Province, Nepal
27	Prem Maya Lama	Public Administration	Agriculture in peri-Urban area of Kathmandu district
28	Rajan Ghimire	Physics	Role of trapped electrons over sunlit lunar dusty Plasma sheath
29	Rajendra Sapkota	Microbiology	Bacterial profiles in blood culture and detection leptospira in acute febrile patients of a referral hospital in Kathmandu
30	Ramesh Khanal	Physics	Plasma-wall interaction mechanism for fusion plasma exposed with tungsten, carbon and molybdenum electron emitting surfaces
31	Ranjana Karki	Microbiology	Detection of selected enteric viruses in the drinking water sources of treatment plant in Kathmandu valley
32	Sabita Khanal	Management	Work life balance among dual career couples in the Nepalese Education sector
33	Saju Maharjan	Economics	Analysis of solid waste management in Kirtipur Municipality
34	Samikshya Ahikari	Chemistry	Methanol extract of corydalis govaniensis as a potential green inhibitor for mild steel in 1M sulfuric acid
35	Sanjeev Nhemhafuki	Economics	Determinant of environmental dependency: Case of Mountain, Mid hill and low land region of Nepal
36	Santosh Ghimire	Geography	Multicriteria analysis and GIS modeling of soil suitability for <i>Shorea robusta</i> natural regeneration and establishment
37	Saphal Chapagai	Statistics	Factor associated with depressive symptoms among graduate students of IoST, TU, Nepal: A cross-sectional study



38	Saroj Ayer	Sport Science	Impact of synergy of strength training and aerobic training on key performance indicator: An experimental research on athlete performance
39	Saroj Bhandari	Physics	DFT analysis of Ti-based nanostructures and interaction with target proteins
40	Saroj Pandeya	Physics	Ion acoustic wave propagation in quantum dusty plasma with hybrid crains-tallis electron
41	Saru Kayastha	Chemistry	Isolation and identification of L-asparanginosa producing endophytic fungi from the meditional plants of Nepal
42	Sobhita shrestha	Physics	DFT analysis of Zn-based components and interaction with target protein
43	Subash Giri	Physics	Binding mechanism of thyronine derivative into nuclear receptors
44	Suhash Regmi	Physics	Ion-ion streaming instability on quantum dusty plasma with kappa electron distribution
45	Sujit Tandukar	Microbiology	isolation of lytic loacteriophage against salmonella typhi for ts use as potential alternative to antibiotics
46	Sunil Maka	Management	Employ empowerment and its impact on organizational commitment: The case of Municipalities in Kathmandu valley
47	Suresh Ghatane	Engineering	Viability of renewable energy extraction from law velocity water current using vortex induced vibration based turbine
48	Susma Gautam	Physics	Identification of potential drug candidates against NS2B/NS3 protease of Dengue virus
49	Urmila Koju	Law	Boarder dispute between Nepal and India: An interplay between law and diplomacy
50	Zainuddin Ansari	Zoology	Detection of investinal parasites in fresh raw vegetables sold in Kathmandu valley