



KATHMANDU UNIVERSITY **Ph.D. SCHOLARS**

ISSUE: DECEMBER , 2023

DIRECTORATE OF RESEARCH, DEVELOPMENT AND INNOVATION

Contents

S.N	Page No.
1. About Kathmandu University	1
2. About Research, Development and Innovation (RDI)	2
3. काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम, २०६२	3
4. काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम, ०६२ का मुख्य विशेषताहरु	7
5. Ph.D. Profile	9
School of Arts	9
School of Education	19
School of Engineering	39
School of Management	57
School of Medical Sciences	63
School of Sciences	69



ABOUT KATHMANDU UNIVERSITY

Kathmandu University (KU) is an autonomous, not-for-profit, self-funding public institution established by an Act of Parliament in December 1991. It is an institution of higher learning dedicated to maintaining the standard of academic excellence in various classical and professional disciplines. The mission statement of the University is “to provide quality education for leadership”. The vision is “to become a world-class university devoted to bringing knowledge and technology to the service of mankind”. The University aspires to serve the nation by fulfilling the needs of the society through the motto of taking knowledge and skills “from the campus to the community.”

Ph.D. Programs at KU

1. School of Science (Starts from 1997 A.D.)
 - Ph.D. in Mathematics
 - Ph.D. in Environmental Science and Engineering
 - Ph.D. in Computer Science
 - Ph.D. in Biotechnology
 - Ph.D. in Pharmacy
 - Ph.D. in Physics
2. School of Education (Starts from 1997 A.D.)
 - Ph.D. in Development Education
 - Ph.D. in Educational Leadership
 - Ph.D. in Language Education
 - Ph.D. in STEAM Education
3. School of Arts (Starts from 2007 A.D.)
 - Ph.D. in Development Studies
 - Ph.D. in English
 - Ph.D. in Nepali
 - Ph.D. in Communication
 - Ph.D. in Music
4. School of Engineering (Starts from 2008 A.D.)
 - Ph.D. in Mechanical Engineering
 - Ph.D. in Civil Engineering
 - Ph.D. in Computer Science and Engineering
 - Ph.D. in Electrical and Electronics Engineering
 - Ph.D. in Geomatics Engineering
5. School of Management (Starts from 2014 A.D.)
 - Ph.D. in Finance
 - Ph.D. in General Management
 - Ph.D. in Marketing
6. School of Medical Sciences (Starts from 2023 A.D.)
 - Ph.D. in Clinical Science
 - Ph.D. in Basic Medical Science
 - Ph.D. in Nursing
 - Ph.D. in Public Health
 - Ph.D. in Physiotherapy





ABOUT RESEARCH, DEVELOPMENT AND INNOVATION

Research, Development and Innovation (RDI) Directorate has been established in Kathmandu University to facilitate, administer, monitor and to keep record of the research-based projects and degrees undergoing in the university. RDI has a list of 136 externally funded running Projects of which 12 funded by NTIC (KOICA) is in the process of completion. The major funding partners and the collaborators are Ministries, various government bodies, UGC, ICIMOD, Energize Nepal, European Union, and various developmental agencies and institutions from the friendly countries such as India, China, Norway, Sweden, USA, UK, Australia, Netherlands, and Germany etc.

The Major areas of research are education, health, energy, environment, agriculture, water, hydropower, IT, culture and society, and capacity building. As many as 11 externally funded projects have been added in the year 2023 with approximate funding of NRs 4, 15, 91,829.00

In addition to externally funded projects, every year KU also funds research projects through its own resources (internally funded projects) so as to engage more and more faculties and students in the research activities. This year, the projects receiving funding are categorized into I and II for NRs 100000.00 and NRs 200000.00 they receive.

RDI Office also keeps track of various research-based degrees including PhD. At present there are 229 PhD scholars doing research for their degree in the various schools of the university and among them more than 25% are women. In 2023 alone, 126 new scholars were admitted for their PhD degree in 6 schools.





काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम, २०६२

काठमाडौं विश्वविद्यालय ऐन २०४८ को दफा ५ (ड) र २२ ले दिएको अधिकार प्रयोग गरी काठमाडौं विश्वविद्यालय सभाले यो नियम बनाएको छ ।

संशोधन :

पहिलो संशोधन : २०७१।०३।०६

परिच्छेद - १

प्रारम्भिक

१.१ संक्षिप्त नाम र प्रारम्भ

(क) यस नियमको नाम काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम, २०६२ रहने छ ।

(ख) यो नियम विश्वविद्यालय सभाले पारित गरेको मिति देखि लागू हुनेछ ।

१.२ परिभाषा

विषय वा प्रसंगले अर्को अर्थ नलागेमा यस नियममा :

(क) 'ऐन' भन्नाले काठमाडौं विश्वविद्यालय ऐन, २०४८ सम्भन्नुपर्दछ ।

(ख) 'विश्वविद्यालय' भन्नाले काठमाडौं विश्वविद्यालय ऐन, २०४८ बमोजिम स्थापना भएको काठमाडौं विश्वविद्यालय सम्भन्नुपर्दछ ।

(ग) "M.S. by Research" भन्नाले विश्वविद्यालयद्वारा प्रदान गरिने M.S. by Research को शैक्षिक उपाधि सम्भन्नुपर्दछ ।

(घ) "एम. फिल." भन्नाले विश्वविद्यालयद्वारा प्रदान गरिने M. Phil को शैक्षिक उपाधि सम्भन्नुपर्दछ ।

(ङ) "विद्यावारिधि" भन्नाले विश्वविद्यालयद्वारा प्रदान गरिने Ph.D शैक्षिक उपाधि सम्भन्नुपर्दछ ।

(च) "विद्यापरिषद्" भन्नाले सम्बन्धित स्कुलको विद्यापरिषद्लाई सम्भन्नुपर्छ ।

(छ) "अनुसन्धान समिति" भन्नाले यस नियम अनुसारको सम्बन्धित स्कुलको अनुसन्धान समिति सम्भन्नुपर्छ ।

(ज) 'कलेज' भन्नाले विश्वविद्यालयसंग सम्बन्धन प्राप्त शिक्षण संस्था सम्भन्नुपर्दछ ।

(झ) 'निर्देशिका' भन्नाले नियम ४.३ बमोजिम तयार भएको निर्देशिका सम्भन्नुपर्दछ ।

परिच्छेद - २

अनुसन्धान समितिको गठन, काम र कर्तव्य

२.१ अनुसन्धान समिति

१. प्रत्येक स्कुलमा M.S. by Research, एम.फिल. र विद्यावारिधि कार्यक्रम सञ्चालन र निर्देशनका निमित्त अनुसन्धान समितिको गठन गरिनेछ । यसमा देहायका व्यक्तिहरू रहनेछन् ।



- (क) सम्बन्धित स्कुलका डिन - अध्यक्ष
- (ख) सम्बन्धित स्कुलका एशोसिएट डीनहरु (आवश्यकता अनुसार) - सदस्य
- (ग) सम्बन्धित स्कुलका विभागीय प्रमुखहरु मध्येबाट बढीमा ५ जना - सदस्य
- (घ) सम्बन्धित स्कुलका विभागहरुबाट एक एक जना प्रोफेसरका दरले बढीमा २ जना - सदस्य
- (ङ) उपकुलपतिबाट मनोनित विद्वानहरुमध्येबाट बढीमा २ जना - सदस्य
२. खण्ड (ग) र (घ) अन्तर्गतका सदस्यहरु अध्यक्षबाट मनोनित हुनेछन् । निजहरुको पदावधि ३ वर्षको हुनेछ ।
३. खण्ड (ङ) अन्तर्गत मनोनित सदस्यहरुको पदावधि ३ वर्षको हुनेछ ।
४. आवश्यकता अनुसार अध्यक्षले विषयगत विज्ञहरु बढीमा ३ जनासम्मलाई सम्बन्धित विषयको बैठकमा सदस्यसरह भाग लिन पाउने गरी आमन्त्रण गर्न सक्नेछ ।
५. प्रत्येक स्कुलले आ-आफ्नो अनुसन्धान समितिको गठनको जानकारी कार्यकारी परिषद् समक्ष दिनुपर्नेछ ।
- २.२ अनुसन्धान समितिको काम कर्तव्य
१. प्रत्येक स्कुलमा **M.S. by Research**, एम.फिल., विद्यावारिधि र अन्य अनुसन्धान सम्बन्धी कार्य, कार्यक्रमहरु सञ्चालन र अनुसन्धानको गुणस्तर कायम गराइ सो भए नभएको रेखदेख गर्नु हुनेछ ।
२. **M.S. by Research**, एम.फिल. र विद्यावारिधिका आवेदनहरुको मूल्याङ्कन गरी अस्थायी/ स्थायी दर्ता अनुमोदन गर्ने ।
३. सम्बन्धित विषयको पाठ्यक्रम, मूल्याङ्कन र अध्ययन अध्यापनका अन्य पूर्वाधारहरु तयार गरी विद्यापरिषद् मार्फत स्वीकृतिका लागि प्राज्ञिक परिषद्मा सिफारिस गर्ने ।
४. विद्यावारिधिको सोध प्रगतिको मूल्याङ्कन गरी स्थायी दर्ताको स्वीकृति दिने ।
५. शोध निर्देशकको लागि प्राज्ञिक परिषद्ले निर्धारण गरेको योग्यताको आधारमा विभागको सिफारिशमा सोध निर्देशक/निर्देशकहरु/निर्देशन समिति तोक्ने ।
६. ६/६ महिनामा प्रगति विवरणको मूल्याङ्कन गर्ने, आन्तरिक र बाह्य परीक्षक तोक्ने, सोध पुरा भएपछि मौखिक परीक्षाको स्वीकृति दिने र प्राप्त राय सुझावका आधारमा नतिजा अनुमोदन गर्नका लागि परीक्षा समितिमा सिफारिस गर्ने ।
७. काठमाडौं विश्वविद्यालय, अनुसन्धान, विकास तथा परामर्श समिति (**Research Development and Consultancy Committee**) सम्बन्धी विनियम कार्यान्वयन गर्ने ।
८. नियममा तोकिएको अन्य काम गर्ने ।
- २.३ बैठक सम्बन्धी कार्यविधि
- (क) अनुसन्धान समितिको बैठक वर्षमा कम्तीमा दुई पटक बस्नेछ । तर अध्यक्षले आवश्यक देखेमा थप बैठक बोलाउन सक्नेछ ।



(ख) अनुसन्धान समितिको बैठकको गणपूरक संख्या आमन्त्रित बाहेक कुल सदस्यसंख्यामध्ये बहाली लिएका सदस्यसंख्याको ५१ प्रतिशत हुनेछ ।

२.४ रिक्त सदस्यको स्थान पूर्ति गर्ने व्यवस्था

कुनै कारणवश मनोनित सदस्यको स्थान तोकिएको पदावधि नपुग्दै रिक्त हुन आएमा दफा २.१ अनुसार रिक्त स्थान पूर्ति गरिनेछ ।

२.५ अन्तरविषयक M.S. by Research, एम.फिल. विद्यावारिधि कार्यक्रम

दुई वा दुईभन्दा बढी स्कुलले प्राज्ञिक परिषद्को स्वीकृतिमा अन्तर्विषयक M.S. by Research, एम. फिल. र विद्यावारिधि कार्यक्रम सञ्चालन गर्न सक्नेछन् ।

परिच्छेद - ३

आवेदन, योग्यता र नामदर्ता

३.१. (क) आवेदन

- (१) विश्वविद्यालयबाट M.S. by Research, एम. फिल. र विद्यावारिधि उपाधि प्राप्त गर्न चाहने उमेदवारले विश्वविद्यालयद्वारा तोकिएका आवेदन फारमको ढांचामा तोकिए बमोजिम आवेदन शुल्क बुझाई सम्बन्धित विभाग समक्ष आवेदन दिनुपर्नेछ ।
- (२) M.S. by Research, एम. फिल.का लागि विभागले व्यवस्था गरे बमोजिम शैक्षिक सत्रको प्रारम्भमा आवेदन गर्न सकिने छ तर विद्यावारिधिको लागि भने कुनै पनि समयमा आवेदन गर्न सकिनेछ ।
- (३) सबन्धित विभागले निवेदन उपर छानविन गरी उपयुक्त भए सोध निर्देशक समेत तोकरी डीन मार्फत अनुसन्धान समिति समक्ष सिफारिस गर्नेछ ।

(ख) योग्यता :

M.S. by Research, एम. फिल. र विद्यावारिधि उपाधिका निम्ति आवश्यक पर्ने योग्यता प्राज्ञिक परिषद्ले निर्धारण गरे बमोजिम हुनेछ ।

३.२. नामदर्ता

- (क) नियम ३.१ (ख) अनुसार निर्धारित योग्यताको आधारमा योग्य देखिने उमेदवारलाई अनुसन्धान समितिले विद्यावारिधि उपाधिको अनुसन्धानका निम्ति स्थायी/अस्थायी नामदर्ता गर्ने स्वीकृति दिन सक्नेछ ।
- (ख) M.S. by Research, एम.फिल.को हकमा विभागको सिफारिस अनुसार सोभै स्थायी नाम दर्ता गर्न सकिनेछ ।
- (ग) अस्थायी नामदर्ता भई विद्यावारिधि सोध कार्यमा संलग्न शोधार्थीको न्यूनतम ६ महिनाको कार्य प्रगति सन्तोषजनक देखिएको भनी सम्बन्धित सोध निर्देशकले सिफारिस गरेमा त्यसको मूल्याङ्कन गरी अनुसन्धान समितिले स्थायी नामदर्ता गर्न स्वीकृति दिनेछ ।



परिच्छेद - ४

वित्ति

४.१ शुल्क दाखिला

(क) **M.S. by Research**, एम.फिल. र विद्यावारिधि कार्यक्रमका लागि लाग्ने सबै किसिमका शुल्कहरू विश्वविद्यालयको नियमानुसार समय-समयमा कार्यकारी परिषद्बाट तोकिए बमोजिम दाखिला गर्नुपर्नेछ ।

(ख) शुल्क मिनाहा वा अन्य सहूलियत :

M.S. by Research, एम.फिल. र विद्यावारिधि अनुसन्धानकर्ताहरूलाई शुल्क मिनाहा वा अन्य सहूलियत कार्यकारी परिषद्ले तोके बमोजिम हुनेछ ।

४.२ उपाधि प्रदान

M.S. by Research, एम.फिल र विद्यावारिधि उपाधि दीक्षान्त वा विशेष दीक्षान्त समारोहमा प्रदान गरिनेछ ।

४.३ अन्य कुरा निर्देशिका बमोजिम हुनेछ ।

M.S. by Research, एम.फिल. र विद्यावारिधिको समयावधि, अनुसन्धानका लागि प्रस्तावित विषयगत शीर्षक, विभागले सुझाव गरेका ऋण्यगचकभ हरूको अध्ययन, शोध प्रस्तुतिको ढाँचा, परीक्षा र मूल्याङ्कनका आधारहरूको निर्धारण, परीक्षण समितिको व्यवस्था आदि कुराहरू निर्देशिका बमोजिम हुनेछ ।

४.४ निर्देशिका बनाउने अधिकार

यस नियमको प्रयोजनको लागि आवश्यकतानुसार प्रत्येक स्कुलको अनुसन्धान समितिले निर्देशिका बनाउन सक्नेछ । सो निर्देशिका प्राज्ञिक परिषद्को स्वीकृति लिई लागू हुनेछ ।

४.५ नियमको व्याख्या

यस नियमको व्याख्या गर्ने अधिकार कार्यकारी परिषद्लाई हुनेछ ।

४.६ अधिकार प्रत्यायोजन

अनुसन्धान समितिले आवश्यकता अनुसार डिन वा विभागीय प्रमुख वा शोध निर्देशकलाई आफूमा भएको अधिकार प्रत्यायोजन गर्न सक्नेछ ।

तर नियम ४.४ को अधिकार प्रत्यायोजन गरिने छैन ।

४.७ खारेजी र बचाउ

(क) काठमाडौं विश्वविद्यालय अनुसन्धान सम्बन्धी नियम, २०५१ खारेज गरिएको छ ।

(ख) काठमाडौं विश्वविद्यालय अनुसन्धान सम्बन्धी नियम, २०५१ अन्तर्गत भए गरेका काम कारवाही यसै नियम अन्तर्गत भए गरेको मानिनेछ ।





काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम, ०६२ का मुख्य विशेषताहरू

विश्वविद्यालयलाई “शिक्षण एवं अनुसन्धान” विश्वविद्यालयको रूपमा विकास गर्नका लागि काठमाडौं विश्वविद्यालय अनुसन्धान सम्बन्धी नियम २०६२ सभाबाट पारित गरिएको छ ।

काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम २०६२ का मुख्य विशेषताहरू निम्न छन् :

१. काठमाडौं विश्वविद्यालय, अनुसन्धान सम्बन्धी नियम २०६२ प्रत्येक स्कुलमा कार्यान्वयन हुनेछ ।
२. प्रत्येक स्कुलमा अलग अलग अनुसन्धान समितिको व्यवस्था गरिएको ।
३. अनुसन्धान समितिको अध्यक्षता सम्बन्धित स्कुलको डिनले गर्ने हुँदा प्रत्येक स्कुलले नियमको परिधिभित्र रही आ-आफ्नो स्कुलको क्षेत्र र प्रकृति अनुरूप एम.फिल र पिएच.डी सम्बन्धी निर्देशिका बनाउन सकिने व्यवस्था गरिएको ।
(निर्देशिका बनाइदा सम्भव भएसम्म सबै स्कुललाई मिल्ने गरी एकरूपता कायम गर्न जोड दिइनु पर्नेछ । स्कुलको प्रकृति र क्षेत्रले माग गरेका विषयमा मात्र फरक दफा राखी आवश्यक कार्यान्वयनका लागि सरल बनाइने)
४. विद्यापरिषद् र अनुसन्धान समिति समेतलाई परिभाषित गरिएको ।
५. अन्तर्विषयक **M.S. by Research**, एम.फिल र पिएच.डी.कार्यक्रम सञ्चालन गर्न सक्ने व्यवस्था गरिएको ।
६. अनुसन्धान समितिको काम कर्तव्यमा थपघट गरिएको ।
७. **M.S. by Research**, एम.फिल र पिएच.डी.का उमेदवारले साविकमा अनुसन्धान समितिमा आवेदन दिनुपर्ने व्यवस्था रहेकोमा हाल व्यवहारिक सरलताका लागि सम्बन्धित विभाग समक्ष आवेदन दिनुपर्ने व्यवस्था गरिएको ।
८. साविकमा **M.S. by Research**, एम.फिल र पिएच.डी. दुवैको अस्थायी नाम दर्ता पछि स्थायी नाम दर्ता गर्ने व्यवस्था रहेकोमा प्रस्तुत नियममा एम.फिलको लागि सिधै स्थायी नाम दर्ता गर्ने र पिएच.डी.को लागि अस्थायी / स्थायी नाम दर्ता गर्ने व्यवस्था गरिएको ।
९. **M.S. by Research**, एम.फिल र पिएच.डी.का अनुसन्धानकर्तालाई शुल्क मिनहा वा अन्य सहुलियत प्रदान गर्न सकिने नयाँ व्यवस्था गरिएको ।
१०. अनुसन्धान समितिले डिन/विभागीय प्रमुख/शोध निर्देशकलाई अधिकार प्रत्यायोजन गर्न सक्ने व्यवस्था गरिएको ।
११. मनोनित सदस्यको स्थान रिक्त भएमा सो स्थानको लागि पदपूर्ति गर्ने व्यवस्था गरिएको ।







Ph.D. SCHOLARS SCHOOL OF ARTS

Candidate : Gyanu Maskey
Thesis Title : *"Urban Water Security: The Cases of Two Cities in Nepal"*
Supervisor (s) : Prof. Dr. Roshan Bajracharya
Dr. Chandra Lal Pandey
Department : Department of Development Studies
Start Date : 2017
Email : gyanumaskey@student.ku.edu.np



Candidate : Sudarshan Prasad Dahal
Thesis Title : *"Corruption Scandals in Nepali Press: A Media Performance Research"*
Supervisor (s) : Prof. Dr. Sagar Raj Sharma
Dr. Nirmla M. Adhikary
Dr. Hem Raj Kafle
Department : Department of Languages and Mass Communication
Start Date : 2020
Email : spdahal@ku.edu.np

Candidate : Pallabi Chattopadhyay
Thesis Title : *"Cross linguistic variations in visual narratives: A study of selected picture stories"*
Supervisor (s) : Prof. Dr. Sagar R. Sharma
Prof. Dr. Abhi Subedi
Department : Department of Languages and Mass Communication
Start Date : 2020
Email : chattopadhyay.pallabi@gmail.com



Candidate : Sweta Adhikari
Thesis Title : *"Intervening through Extracurricular Activities to Increase Student Participation and Identification in Nepali Public Schools"*
Supervisor (s) : Dr. Megh Raj Dangal
Dr. Binayak Thapa
Dr. Niraj Poudel
Department : Department of Development Studies
Start Date : 2021
Email : a.swayta@gmail.com



Candidate : Trilochan Pokhrel
Thesis Title : *"Political Economy of Public Policy Process in Federal Nepal"*
Supervisor (s) : Prof. Dr. Sagar Raj Sharma
Dr. Uddab Pyakurel
Dr. Chandra Lal Pandey
Department : Department of Development Studies
Start Date : 2021
Email : pokharel.trilochan@gmail.com

Candidate : Salpa Shrestha
Thesis Title : *"Contextualizing Interventions for Out-of-school Children: A Cluster Randomized Control Trial Assessment"*
Supervisor (s) : Dr. Megh Raj Dangal
Dr. Binayak Thapa
Dr. Niraj Poudel
Department : Department of Development Studies
Start Date : 2021
Email : salpashrestha@gmail.com



Candidate : Dul Raj Chimariya
Thesis Title : *“Higher Education Governance on Quality Issue: A Comparative Study of Universities in Nepal (Concentration on Internationalization of Higher Education)”*
Supervisor (s) : Dr. Gerardo L. Blanco
Dr. Uddhab Pyakhurel
Department : Department of Development Studies
Start Date : 2023
Email : dr.chimariya@ucnepal.edu.np



Candidate : Niraj Bhandari
Thesis Title : *“Secularism in Nepal: State Behavior and People’s Perspective”*
Supervisor (s) : Dr. Uddhab Pyakhurel
Department : Department of Development Studies
Start Date : 2023
Email : neeraz.b@gmail.com

Candidate : Pitambar Aryal
Thesis Title : *“Climate Induced Disasters and their Consequences on Public Health: A Study in Melamchi River Sindhupalchok, Nepal”*
Supervisor (s) : Dr. Chandra Lal Pandey
Department : Department of Development Studies
Start Date : 2023
Email : pitambar.aryal@gmail.com



Candidate : Goma Sigdel
Thesis Title : *"Improving Climate and Disaster Resilience of Communities at Risk in Kamala Basin"*
Supervisor (s) : Dr. Chandra Lal Pandey,
Dr. Reshma Shrestha
Department : Department of Development Studies
Start Date : 2023
Email : sigdelgoma7@gmail.com



Candidate : Trishna Acharya
Thesis Title : *"Theorizing Communication in Tantra through the Sadharanikaran Model"*
Supervisor (s) : Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : trishnaacharya48@gmail.com

Candidate : Sachitananda Ghimire
Thesis Title : *"भरतमुनिको नाट्यशास्त्रका आधारमा बालकृष्ण समका नाटकको अध्ययन"*
Supervisor (s) : Dr. Ram Chandra Poudel
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : ghimiresachitananda@gmail.com



Candidate : Prashant Oli
Thesis Title : *"Health Journalism in Nepal: Prospects and Challenges"*
Supervisor (s) : Dr. Eak Prasad Duwadi
Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : mediaprashant100@gmail.com



Candidate : Kumar Lamichhane
Thesis Title : *"Dynamics of Misinformation in Digital Space of Nepal"*
Supervisor (s) : Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : lamic.kumar@gmail.com

Candidate : Prabhakar Ghimire
Thesis Title : *"Enhancing Communication Strategies within Local Communities for the Successful Implementation of Mega Projects"*
Supervisor (s) : Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : prabhakarji@gmail.com



Candidate : Upendra Khadka
Thesis Title : *"Health Communication Practices in Kathmandu Valley"*
Supervisor (s) : Prof. Jagdish Prasad Agrawal
Dr. Eak Prasad Dawadi
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : upendrakhadka10@gmail.com



Candidate : Chetana Kunwar
Thesis Title : *"Safety of Journalists in Nepal"*
Supervisor (s) : Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : chetanakunwar74@gmail.com

Candidate : Kedar Nath Gautam
Thesis Title : *"Media Regulatory Framework in Federal Nepal"*
Supervisor (s) : Dr. Nirmala Mani Adhikary
Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : kedarnath.gautam30@gmail.com



Candidate : Nisha Kunwar
Thesis Title : "Theorizing Communication from the Perspectives of Hinduism and Confucianism: A Comparative Study"
Supervisor (s) : Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : nishakunwar13@gmail.com



Candidate : D.B. Khatri (Arun Paudel)
Thesis Title : "Chakras in Vedic and Post-Vedic Texts: A Comparative Textual Analysis"
Supervisor (s) : Dr. Ganesh Baral
Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : discoursearun017@gmail.com

Candidate : Madan Rai
Thesis Title : "Exploring Kirat Rai Mundhum from Communication Perspective"
Supervisor (s) : Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : journo.madan@gmail.com



Candidate : Smriti Dhungana
Thesis Title : *"Exploring the Digital Participation of Nepali Women in Political Discourse"*
Supervisor (s) : Dr. Uddhab Pyakurel
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : dhunganasmriti@gmail.com



Candidate : Binod Dhungel
Thesis Title : *"The Role of Communication in Community Forestry in Nepal: Commoners' Access to Information, Policy Formation, and Implementation"*
Supervisor (s) : Dr. Pius Mishra
Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : binod.kusoa@gmail.com

Candidate : Deepak Aryal
Thesis Title : *"Manuscript to early-printed Nepali Books: Reshaping the writing culture in Nepali society"*
Supervisor (s) : Prof. Shanker Thapa
Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : deepakaryal@gmail.com



Candidate : Bishnu Prasad Gyawali
Thesis Title : "Eastern and Western Philosophy in The Razor's Edge"
Supervisor (s) : Dr. Ganesh Baral
Dr. Nirmala Mani Adhikary
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : gyawalibishnu724@gmail.com



Candidate : Rajani Khadka
Thesis Title : "Effectiveness of Digital Advisory Services in Nepal through Human Centric Approach"
Supervisor (s) : Dr. Sudhamshu Dahal
Department : Department of Languages and Mass Communication
Start Date : 2023
Email : razanee.khadka@gmail.com





Ph.D. SCHOLARS SCHOOL OF EDUCATION

Candidate : Chet Nath Kanel
Thesis Title : *"Homestay Operators' Learning Practices in Nepal: An Ethnographic Exploration"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Dr. Prakash C Bhattarai
Department : Development Education
Start Date : 2021
Email : chetnathkanel@gmail.com



Candidate : Baikuntha Prasad Aryal
Thesis Title : *"Financing TVET in Nepal: Re-engineering the fiscal transfer system in the federal context"*
Supervisor (s) : Dr Prakash C. Bhattarai
Department : Development Education
Start Date : 2018
Email : baikunthaparyal@gmail.com

Candidate : Harish Singh Thapa
Thesis Title : *"Work based learning through school production unit in TVET institutions"*
Supervisor (s) : Dr. Suresh Gautam
Prof. Dr. Jay Raj Awasthi
Department : Development Education
Start Date : 2019
Email : harishsthapa@gmail.com



Candidate : Jyoti Chandra Ojha
Thesis Title : *"Assessing knowledge and preventive behavior on covid-19 among teachers of community schools: A mixed methods study"*
Supervisor (s) : Dr Prakash C. Bhattarai
Prof. Dr. Bhimsen Devkota
Department : Development Education
Start Date : 2021
Email : jcojha123@yahoo.com



Candidate : Latika Maskey Pradhan
Thesis Title : *"Understanding violence against women and social norms education: Stories of Nepali women"*
Supervisor (s) : Prof. Dr. Mahesh Nath Parajuli
Dr. Prakash C Bhattarai
Department : Development Education
Start Date : 2021
Email : latika.aid@gmail.com

Candidate : Narayan Shrestha
Thesis Title : *"The relationship between school and community in Nepal: An ethnographic inquiry"*
Supervisor (s) : Dr. Suresh Gautam
Dr. Raj Kumar Dhungana
Department : Development Education
Start Date : 2021
Email : narayan_phds21@kusoed.edu.np



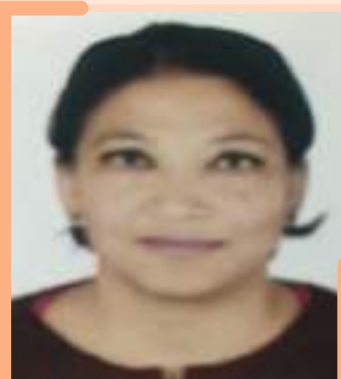
Candidate : Noor Jung Shah
Thesis Title : *"Lived Experiences of Stigma and Discrimination by Children Affected by AIDS"*
Supervisor (s) : Prof. Dr. Bhim Prasad Subedi
Department : Development Education
Start Date : 2021
Email : noorjungphil@gmail.com



Candidate : Prakash Kumar Paudel
Thesis Title : *"The relationship between education and employment: A mixed methods study of technical and vocational education and training in Nepal"*
Supervisor (s) : Prof. Dr. Mahesh Nath Parajuli
Prof. Dr. Ursula Renold
Department : Development Education
Start Date : 2020
Email : prakashpaudel@kusoed.edu.np



Candidate : Prativa Shrestha
Thesis Title : *"Understanding a case study of students with visual disability in the practice of inclusive education: A gender perspective"*
Supervisor (s) : Prof. Dr. Mahesh Nath Parajuli
Dr. Prakash C Bhattarai
Department : Development Education
Start Date : 2020
Email : Shresthaprativa01@gmail.com



Candidate : Rupa Munakarmi
Thesis Title : *"Paradoxes of school teachers in practicing integrity: An ethnographic study of community schools of Nepal"*
Supervisor (s) : Prof. Dr. Mahesh Nath Parajuli
Dr. Pratyoush Onta
Department : Development Education
Start Date : 2016
Email : rmunakarmi@gmail.com



Candidate : S. M. Bashir Ahmed
Thesis Title : *"Quality of government (QoG): A case study in the civil service institutions in south Asian countries of Nepal and Bangladesh"*
Supervisor (s) : Dr. Prakash C Bhattarai
Department : Development Education
Start Date : 2022
Email : smbashir_phdds@kusoed.edu.np

Candidate : Sagar Mani Neupane
Thesis Title : *"Cultural role in entrepreneurial orientation among management students in Kathmandu valley: An explanatory sequential mix methods study"*
Supervisor (s) : Prof. Dr. Binod Krishna Shrestha
Dr. Prakash C. Bhattari
Department : Development Education
Start Date : 2020
Email : sagarneupane@kusoed.edu.np



Candidate : Sambedan Koirala
Thesis Title : *"The relationship between education and economy: A mixed methods approach"*
Supervisor (s) : Prof. Dr. Mana Prasad Wagley
Dr. Prakash C Bhattarai
Department : Development Education
Start Date : 2021
Email : sambedan_phds21@kusoed.edu.np



Candidate : Uttam Uprey
Thesis Title : *"Capacity Building Factors in Describing Governance in Nepali Civil Society Organizations: A Survey of Nepali Non-Governmental Organizations"*
Supervisor (s) : Dr. Prakash C. Bhattarai
Dr. Netra Timalisina
Department : Development Education
Start Date : 2013
Email : uttam.uprey2010@gmail.com

Candidate : Badal Pradhan
Thesis Title : *"Effects of emotional intelligence on leadership performance among high school principals of Lalitpur district"*
Supervisor (s) : Dr. Shesha Kanta Pangeni
Dr. Jiban Khadka
Department : Educational Leadership
Start Date : 2021
Email : badal2027@gmail.com



Candidate : Devi Ram Acharya
Thesis Title : *"Classroom assessment practice and student achievement in community schools"*
Supervisor (s) : Dr. Lekha Nath Poudel
Dr. Shesh Kanta Pangeni
Department : Educational Leadership
Start Date : 2020
Email : dracharya@kusoed.edu.np



Candidate : Dhundi Raj Giri
Thesis Title : *"Whole school approach to school improvement: a participatory action research"*
Supervisor (s) : Dr. Dhanapati Subedi
Dr. Rebat Kumar Dhakal
Department : Educational Leadership
Start Date : 2021
Email : dhundiraj@kusoed.edu.np

Candidate : Ramila Subedi
Thesis Title : *"Embracing for attainment: stories of women leaders from different communities of Nepal"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Dr. Dhanapati Subedi
Department : Educational Leadership
Start Date : 2021
Email : ramilasubedi@kusoed.edu.np



Candidate : Shailesh Kandel
Thesis Title : *"Contribution of head teachers' leadership to student learning achievement: a survey of technical education and vocational training (TEVT) schools"*
Supervisor (s) : Prof. Dr. Mahesh Nath Parajuli
Department : Educational Leadership
Start Date : 2021
Email : Shailukandel@gmail.com



Candidate : Surendra Amagain
Thesis Title : *"The role of leadership in bridging the gap between the university research and policy forum of the government"*
Supervisor (s) : Prof. Dr. Mana Prasad Wagley
Dr. Dhanapati Subedi
Department : Educational Leadership
Start Date : 2022
Email : surendra@kusoed.edu.np

Candidate : Daya Ram Gaudel
Thesis Title : *"Holistic uptake of English language skills and 21st century skills (critical thinking, creativity, communication and collaboration skills) by grade 12 students in Nepal"*
Supervisor (s) : Prof. Dr. Jai Raj Awasthi
Department : Language Education
Start Date : 2022
Email : dayaram_phdel22@kusoed.edu.np



Candidate : Krishna Kumari Upadhayaya
Thesis Title : *"Exploring teachers' narratives on covid-19 and online ELT practices in Nepal"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Dr. Tikaram Poudel
Department : Language Education
Start Date : 2021
Email : krishna_phele21@kusoed.edu.np



Candidate : Md. Ziaul Karim
Thesis Title : *"Techno-Pedagogical Transitions and Identity Transformations in English Language Education in Emergency: A Phenomenological Study"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Department : Language Education
Start Date : 2022
Email : mdziaul_phdel22@kusoed.edu.np

Candidate : Parmarshor Baral
Thesis Title : *"Using Content and Language Integrated Learning (CLIL) in English classrooms: a case study"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Prof. Dr. Jai Raj Awasthi
Department : Language Education
Start Date : 2021
Email : parmeshor_phele@kusoed.edu.np



Candidate : Rejina K.C
Thesis Title : "Perceptions and experiences of English language teachers on their wellbeing: a narrative inquiry"
Supervisor (s) : Prof. Dr.Jai Raj Awsthi
Prof. Dr. Laxman Gnawali
Department : Language Education
Start Date : 2021
Email : rejina_phele21@kusoed.edu.np



Candidate : Samikshya Bidari
Thesis Title : "Exploring the practices of democratic citizenship in English language classrooms in secondary schools in Nepal: mixed-method research"
Supervisor (s) : Prof. Dr. Laxman Gnawali
Dr. Prakash C. Bhattarai
Department : Language Education
Start Date : 2021
Email : samikshya_phele21@kusoed.edu.np

Candidate : Sikha Gurung
Thesis Title : "Carving out the third space: Storytelling in English language classroom of Nepal"
Supervisor (s) : Dr. Tikaram Poudel
Department : Language Education
Start Date : 2022
Email : shikha@kusoed.edu.np



Candidate : Basanta Raj Lamichhane
Thesis Title : *"A Postcolonial Rendition of Mathematics Teacher Education of Nepal: An Auto/Ethnographic Inquiry"*
Supervisor (s) : Prof. Dr. Bal Chander Luitel
Department : STEAM Education
Start Date : 2020
Email : basant@kusoed.edu.np



Candidate : Binod Prasad Pant
Thesis Title : *"STEAM Pedagogy For Holistic Learning at The Basic Level: A Study Through Participatory Action Research in Nepal"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Dr. Sigrid Gjøtterud,
Dr. Birgitte Bjønness
Department : STEAM Education
Start Date : 2019
Email : binod@kusoed.edu.np

Candidate : Indra Mani Shrestha
Thesis Title : *"STEAM Education Approaches at School Level: A Participatory Action Research Study in Nepal"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2022
Email : indramani@kusoed.edu.np



Candidate : Jijju Varghese
Thesis Title : *"Envisioning Relationships-
Responsible Mathematics
Teaching-Learning as a Jesuit: A
Contemplative Auto/Ethnographic
Inquiry"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2021
Email : varghesejiju@kusoed.edu.np



Candidate : Mahesh Bhattarai
Thesis Title : *"Linking Education and
Employment: Assessment of TVET
governance and management
functions in the perspectives of
career reinforcement"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2022
Email : maheshbhattarai_phdsteam2022@
kusoed.edu.np

Candidate : Niroj Dahal
Thesis Title : *"Developing A Vision For STEAM-
Based Mathematics Education
in Nepal: An Auto/Ethnographic
Inquiry"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2020
Email : niroj@kusoed.edu.np



Candidate : Pratima Thapaliya
Thesis Title : *"Enriching Inclusive Science Education For Critical Scientific Literacy of Prospective Science Teachers: A Transformative Action Research"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2022
Email : pratima_phdsteam2022@kusoed.edu.np



Candidate : Tara Paudel
Thesis Title : *"Tales of Identity Transformation From Subservient Teacher to Agenda Setters: An Auto/ Ethnographic Inquiry of Mathematics Teacher Educators"*
Supervisor (s) : Prof. Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2020
Email : tara@kusoed.edu.np

Candidate : Sweta Baral
Thesis Title : *"Financial toxicity and treatment compliance in cancer patients: A mixed methods study in Nepal"*
Supervisor (s) : Prof. Dr Bal Chandra Luitel
Roshani Rajbanshi
Department : STEAM Education
Start Date : 2023
Email : shweta_phd2023@kusoed.edu.np



Candidate : Dhan Bahadur Reshmi
Thesis Title : *"Learning Culture in Science Classroom: A Critical Ethnography of a Public School in Nepal"*
Supervisor (s) : Prof.Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2023
Email : dhanbahadur_phd2023@kusoed.edu.np



Candidate : Rajendra Dahal
Thesis Title : *"Journey Towards Enhancing School Teachers' Transversal Skills: AN ATTA-JATI-VICARA"*
Supervisor (s) : Prof. Dr.Bal Chandra Luitel
Department : STEAM Education
Start Date : 2023
Email : rajendra@kusoed.edu.np

Candidate : Sujan Chitrakar
Thesis Title : *"Recontextualizing the Collectiv Culture Praxis through the Hybridity of Indigenous and Modern Knowledge in Art Education in Nepal: A Postcolonial Inquiry"*
Supervisor (s) : Prof.Dr. Bal Chandra Luitel
Department : STEAM Education
Start Date : 2023
Email : sujan@ku.edu.np



Candidate : Hem Raj Gyawali
Thesis Title : *“Educational Philosophy and Transdisciplinary Approach in Tertiary-Level English Language Curricula in the Universities of Nepal”*
Supervisor (s) : Dr. Hem Raj Kafle
Department : Language Education
Start Date : 2023
Email : hemraj_phdele2023@kusoed.edu.np



Candidate : Dinesh Kumar Thapa
Thesis Title : *“Curriculum English Language Curriculum Development and Implementation: A Mixed Method Study of Community Schools in Nepal”*
Supervisor (s) : Dr. Hem Raj Kafle
Department : Language Education
Start Date : 2023
Email : dinesh_phdele2023@kusoed.edu.np

Candidate : Gobinda Puri
Thesis Title : *“Enhancing University Teachers’ Research and Writing Skills through Mentoring: Participatory Action Research”*
Supervisor (s) : Dr. Hem Raj Kafle
Department : Language Education
Start Date : 2023
Email : gobinda_phdele2023@kusoed.edu.np



Candidate : Punya Prasad Koirala
Thesis Title : *"A currere journey of ESP faculties in the universities of Nepal"*
Supervisor (s) : Dr. Khagendra Acharya
Department : Language Education
Start Date : 2023
Email : punya_phdele2023@kusoed.edu.np



Candidate : Keshab Kumar Sijali
Thesis Title : *"Effectiveness of technopedagogy in enhancing learners' English achivement: A quasi experimental research"*
Supervisor (s) : Dr. Tikaram Poudel
Department : Language Education
Start Date : 2023
Email : keshab_phdele2023@kusoed.edu.np

Candidate : Hira Lal Moktan
Thesis Title : *"Language shifts in multilingual classrooms in rural parts of Nepal: An ethnographic study"*
Supervisor (s) : Dr. Tikaram Poudel
Department : Language Education
Start Date : 2023
Email : hiralal_phdele2023@kusoed.edu.np



Candidate : Sonia Sharmin
Thesis Title : *"Exploring Changing Dimensions of Learner Autonomy in English Language Teaching in Higher Education in Bangladesh"*
Supervisor (s) : Prof. Dr. Laxman Gnawali
Department : Language Education
Start Date : 2023
Email : sonia_phdele2023@kusoed.edu.np



Candidate : Manita Oli
Thesis Title : *"Women Leadership Styles in School Management in Nepal: Narrative Enquiry"*
Supervisor (s) : Prof. Dr. Mana Prasad Wagley
Department : Educational Leadership
Start Date : 2023
Email : manita_phdedl2023@kusoed.edu.np

Candidate : Shital Moktan Tamang
Thesis Title : *"Digital transformation, contemporary practices, leadership and future prospects of training institutes in Nepal: a mixed method study"*
Supervisor (s) : Dr. Shesha Kanta Pangen
Department : Educational Leadership
Start Date : 2023
Email : shital_phdedl2023@kusoed.edu.np



Candidate : Medin Bahadur Lamicchane
Thesis Title : *“Exploring High School Leaders’ Lived Experience of School-Family-Community (SFC) Partnerships: An Interpretative Phenomenological Analysis (IPA)”*
Supervisor (s) : Prof. Dr.Mana Prasad Wagley
Department : Educational Leadership
Start Date : 2023
Email : medin_phdedl2023@kusoed.edu.np



Candidate : Gopal Dutta Joshi
Thesis Title : *“School as Center of Excellence: A Narrative Inquiry”*
Supervisor (s) : Dr. Dhanapati Subedi
Department : Educational Leadership
Start Date : 2023
Email : gopal_phdedl2023@kusoed.edu.np

Candidate : Nawaraj Sanjel
Thesis Title : *“Journey Towards Local Government Experiencing Power Delegation for School Management: An Auto/ Ethnographic Inquiry”*
Supervisor (s) : Dr. Dhanapati Subedi
Department : Educational Leadership
Start Date : 2023
Email : nawaraj_phdedl2023@kusoed.edu.np



Candidate : Subash Shrestha
Thesis Title : *“Leadership Practices of Under-Resourced Low-Fee Private Schoos in Kathmandu: A Case Study”*
Supervisor (s) : Dr. Rebat Kumar Dhakal
Department : Educational Leadership
Start Date : 2023
Email : subash_phdedl2023@kusoed.edu.np



Candidate : Sachita Suwal
Thesis Title : *“Leadership skills of ECD teachers for their professional development: A Narrative Inquiry”*
Supervisor (s) : Prof. Mana Prasad Wagley
Department : Educational Leadership
Start Date : 2023
Email : sanchita_phdedl2023@kusoed.edu.np

Candidate : Suman Pande
Thesis Title : *“Relationship between school head teachers’ ethical leadership and their perspective on social justice”*
Supervisor (s) : Prof. Mahesh Nath Parajuli
Department : Development Education
Start Date : 2023
Email : suman_devphd2023@kusoed.edu.np



Candidate : Namita Ghimire
Thesis Title : *"Exploring Understanding of Post-Trial Arrangements: A Mixed Methods Study"*
Supervisor (s) : Dr. Lina Gurung
Dr. Suresh Gautam
Department : Development Education
Start Date : 2023
Email : namita_devphd2023@kusoed.edu.np





Ph.D. SCHOLARS SCHOOL OF ENGINEERING

Candidate : Atmaram Kayastha
Thesis Title : "Development of variable speed Francis turbines for sediment laden Projects"
Supervisor (s) : Prof. Dr. Hari P. Neopane
Dr. Ole Gunnar Dahlhaug
Department : Mechanical
Start Date : 2022
Email : atmaramkayastha@gmail.com



Candidate : Geeta Bhatta
Thesis Title : "Pathways to 100% Renewable Energy in Nepal"
Supervisor (s) : Prof. Dr. Andrew Blakers (ANU)
Dr. Sunil Prashad Lohani
Department : Mechanical
Start Date : 2022
Email : geeta.bhatta@ku.edu.np

Candidate : Kushal Shrestha
Thesis Title : "Development of Sediment Erosion Model for Francis Turbines"
Supervisor (s) : Prof. Dr. Bhola Thapa
Dr. Sailesh Chitrakar
Dr. Qian Zhongdong
Dr. Zhiwei Guo
Department : Mechanical
Start Date : 2022
Email : kushal.shrestha3@gmail.com



Candidate : Malesh Shah
Thesis Title : *“Characterization of Thermal Properties for energy Efficient Building Techniques Application for Residential Buildings in Nepal”*
Supervisor (s) : Prof. Dr. Bivek Baral
Department : Mechanical
Start Date : 2020
Email : malesh.shah@ku.edu.np



Candidate : Mamata Rijal
Thesis Title : *“Optimization of Variable Speed Francis Turbines for Sediment Laden Projects”*
Supervisor (s) : Prof. Dr. Bhola Thapa
Dr. Sailesh Chitrakar
Department : Mechanical
Start Date : 2022
Email : ermamatarijal@gmail.com

Candidate : Navin Kumar Jha
Thesis Title : *“Technical and Environmental Assessment of Household Bio digester in Nepal”*
Supervisor (s) : Dr. Sunil Lohani
Dr. Nabin Aryal
Department : Mechanical
Start Date : 2022
Email : navinkjha999@gmail.com



Candidate : Prajwol Sapkota
Thesis Title : *“Condition monitoring of hydraulics turbines exposed to sediment erosion”*
Supervisor (s) : Prof. Dr. Bhola Thapa
Prof. Dr. Hari Pd. Neopane
Dr. Sailesh Chitrakar
Department : Mechanical
Start Date : 2020
Email : prajwal.sapkota@ku.edu.np



Candidate : Pratisthit Lal Shrestha
Thesis Title : *“Mechanical Polycentric Knee Joint for Pediatric Prosthesis”*
Supervisor (s) : Prof. Dr. Bhola Thapa
Department : Mechanical
Start Date : 2021
Email : pratisthit@ku.edu.np

Candidate : Samrat KC
Thesis Title : *“Parametric Study Membrane Electrode Assemblies of Polymer Electrolyte Membrane Fuel Cells”*
Supervisor (s) : Dr. Biraj Singh Thapa
Dr. Frode Seland
Dr. Jan Torgersen
Department : Mechanical
Start Date : 2022
Email : 14ksamrat@gmail.com



Candidate : Shubha Laxmi Shrestha
Thesis Title : "Energy Efficiency Aspects in Public Buildings"
Supervisor : Prof. Dr. Bivek Baral
Department : Mechanical
Start Date : 2022
Email : shubhashre@gmail.com



Candidate : Jahir Ahamad Jibrán
Thesis Title : "Application of Green Hydrogen for Decarbonizing Cement Manufacturing Process"
Supervisor (s) : Prof. Dr. Bivek Baral
Dr. Biraj Singh Thapa
Dr. Dhruva Panthi, KSU
Department : Mechanical
Start Date : 2023
Email : jahir.jibrán@ku.edu.np



Candidate : Lakshman Lama
Thesis Title : "Techno Economic Assessment of Green Hydrogen Based Fuels in Industrial Heat"
Supervisor (s) : Prof. Dr. Bhola Thapa
Dr. Biraj Singh Thapa
Department : Mechanical
Start Date : 2023
Email : lamalakshman@gmail.com



Candidate : Chiranjeevi Mahat
Thesis Title : "Green Steel Production Technology for Nepal"
Supervisor (s) : Prof. Dr. Bhola Thapa
Prof. Dr. Bahman Shabani, RMIT
Dr. Biraj Singh Thapa
Department : Mechanical
Start Date : 2023
Email : chiranjeevi.mahat@ku.edu.np



Candidate : Ravi Suwal
Thesis Title : "Climate Smart Buildings in Context of Nepal: An Evaluation Based on Mitigation and Adaptation Approaches"
Supervisor (s) : Dr. Sunil Lohani
Dr. Prajal Pradhan, PICIR
Dr. Brijesh Mainali, LU
Department : Mechanical
Start Date : 2023
Email : ravicanhad@gmail.com

Candidate : Utsav Shree Rajbhandari
Thesis Title : "An integrated Energy System Analysis for Nepal's Pathway to Net Zero Emission"
Supervisor (s) : Prof. Dr. Shobhakar Dhakal, AIT
Dr. Sunil P. Lohani
Department : Mechanical
Start Date : 2023
Email : utsavshree@hotmail.com



Candidate : Sajan Shrestha
Thesis Title : *"Condition Monitoring of Pelton Turbines in Sediment Affected Power Plants"*
Supervisor (s) : Prof. Dr. Hari P. Neopane
Prof. Dr. Ole Gunnar Dahlhaug,
Dr. Sailesh Chitrakar
Department : Mechanical
Start Date : 2023
Email : mecher.sajan@gmail.com



Candidate : Atmesh Poudyal
Thesis Title : *"Optimization of Francis Runner To Reduce Sediment Erosion"*
Supervisor (s) : Prof. Dr. Hari P. Neopane
Dr. Sailesh Chitrakar
Department : Mechanical
Start Date : 2023
Email : atmeshpoudyal@gmail.com

Candidate : Ram Kumar Yadav
Thesis Title : *"Investigate The Effect of Coating and its Performance on Different Turbine Materials"*
Supervisor (s) : Prof. Dr. Hari P. Neopane
Prof. Dr. Ole Gunnar Dahlhaug,
NTNU
Department : Mechanical
Start Date : 2023
Email : mrudgar@gmail.com



Candidate : Bharat Chalise
Thesis Title : "Development of Seismic Control System for Seismic Protection of Historic Structures with the Application of Tendon System"
Supervisor (s) : Dr. Prachand Man Pradhan
Department : Civil
Start Date : 2021
Email : naturead@gmail.com



Candidate : Suman Shrestha
Thesis Title : "Study on the Effects of Landslides on Sedimentation in Watershed Management of Kavre District"
Supervisor (s) : Prof. Dr. Hari Krishna Shrestha
Dr. Prachand Man Pradhan
Department : Civil
Start Date : 2019
Email : suman.shrestha@ku.edu.np

Candidate : Sunil Duwal
Thesis Title : "Basin Scale Flood and Sediment Transport Analysis and Modelling under Climate Change for Effective Flood Plain Management"
Supervisor (s) : Prof. Dr. Dedi Liu
Dr. Prachand Man Pradhan
Department : Civil
Start Date : 2021
Email : duwal.sunil@gmail.com



Candidate : Umesh Jung Thapa
Thesis Title : *“Seismic Response Analysis of Underground Structures in Himalayan Region”*
Supervisor (s) : Dr. Shyam Sundar Khadka
Department : Civil
Start Date : 2022
Email : umeshjthapa@gmail.com



Candidate : Hari Prasad Aryal
Thesis Title : *“Leveraging Big Data for Disaster Management”*
Supervisor (s) : Dr. Gajendra Sharma
Department : Computer Science & Engineering
Start Date : 2022
Email : haryal4@gmail.com

Candidate : Manish Joshi
Thesis Title : *“Mitigating impacts of climate change through Artificial intelligence ”*
Supervisor (s) : Prof. Dr. Manish Pokharel
Department : Computer Science & Engineering
Start Date : 2022
Email : manish.joshi@ku.edu.np



Candidate : Pankaj Raj Dawadi
Thesis Title : "Performance Measurement using Machine Learning Approach: A Perspective From Smart Transportation"
Supervisor (s) : Prof. Dr. Manish Pokharel
Dr. Bal Krishna Bal
Department : Computer Science & Engineering
Start Date : 2018
Email : pdawadi@ku.edu.np



Candidate : Rupak Raj Ghimire
Thesis Title : "Automatic speech Recognition for Nepali Using Deep Learning"
Supervisor (s) : Dr. Bal Krishna Bal
Dr. Prakash Poudyal
Department : Computer Science & Engineering
Start Date : 2022
Email : rughimire@gmail.com

Candidate : Santosh Khanal
Thesis Title : "Integrating Clinical Information for Predictive Analysis"
Supervisor (s) : Dr. Rabindra Bista
Department : Computer Science & Engineering
Start Date : 2019
Email : skhanal@ku.edu.np



Candidate : Dhiraj Shrestha
Thesis Title : *"Immersive Technology for Education: A Technology Perspective in the context of Nepal"*
Supervisor (s) : Prof. Dr. Manish Pokharel
Department : Computer Science & Engineering
Start Date : 2023
Email : dhiraj@ku.edu.np



Candidate : Hari K.C
Thesis Title : *"An Intelligent Approach for Digital Video Content Analysis"*
Supervisor (s) : Prof. Dr. Manish Pokharel
Dr. Sushil Shrestha
Department : Computer Science & Engineering
Start Date : 2023
Email : harikc@wrc.edu.np

Candidate : Hitendra Dev Shakya
Thesis Title : *"Reserve Capacity pricing in hydro-dominated market and its impact in energy cost of partially integrated markets "*
Supervisor (s) : Dr. Ram Kaji Budhathoki
Dr. Kamal Chapagai
Department : Electrical & Electronics
Start Date : 2019
Email : hitendradev@hotmail.com



Candidate : Swaechchha Dahal
Thesis Title : *“Optimal Operational Security within Smart-Grid and Hydropower Systems”*
Supervisor (s) : Prof. Dr. Bhupendra Bimal Chhetri
Assoc. Prof. Thomas Øyvang -USN
Adjunct Prof. Gunne John Heggliid -USN
Dr. Shailendra K. Jha
Dr. Jonas Kristiansen Noland
Department : Electrical & Electronics
Start Date : 2021
Email : sdahal113@gmail.com



Candidate : Jeetendra Chaudhary
Thesis Title : *“Dynamic Analysis of a Multi-Machine Power System with Integration of Renewable Energy Resources”*
Supervisor (s) : Dr. Shailendra Kr. Jha
Department : Electrical & Electronics
Start Date : 2023
Email : jeetendra109@gmail.com

Candidate : Tajana Nepal
Thesis Title : *“Advanced Control of Variable Speed Hydropower Plant for Improved Operation”*
Supervisor (s) : Dr. Roshan Sharma, USN
Dr. Thomas Oyvang, USN
Dr. Diwakar Bista
Department : Electrical & Electronics
Start Date : 2023
Email : nepaltajana@gmail.com



Candidate : Suraj Bahadur K.C.
Thesis Title : "Geoid determination of Nepal from surface and airborne gravity"
Supervisor (s) : Prof. Dr. Rene Forsberg
Dr. Subash Ghimire
Department : Geomatics
Start Date : 2020
Email : kcsuraj21@gmail.com



Candidate : Tanka Prasad Dahal
Thesis Title : "Responsible Land Governance for Food Security: Analyzing from Land use planning perspective"
Supervisor (s) : Dr. Purna Bahadur Nepali
Dr. Reshma Shrestha
Department : Geomatics
Start Date : 2019
Email : tpdahal@gmail.com

Candidate : Uma Shankar Panday
Thesis Title : "Monitoring rice cropland and yield estimation using multi-sensor, multi-tempral datasets and citizen science approach"
Supervisor (s) : Prof. Dr. Rijan Bhakta Kayastha
Dr. Jaganath Aryal
Department : Geomatics
Start Date : 2019
Email : uspanday@ku.edu.np



Candidate : Balendra Shah
Thesis Title : *"Conservation of Newa Structure of Kathmandu to Promote Tourism and Economy"*
Supervisor (s) : Dr. Shyam Sundar Khadka
Department : Civil
Start Date : 2023
Email : balenofficial@gmail.com



Candidate : Buddha Shrestha
Thesis Title : *"A Study on Vernacular Settlement of Mountain Region of Nepal and Understanding Changes Occurred"*
Supervisor (s) : Dr. Bindu Shrestha
Dr. Shyam Sundar Khadka
Department : Civil, Architecture Program
Start Date : 2023
Email : buddha.shrestha@ku.edu.np

Candidate : Kameshwar Sahani
Thesis Title : *"Corrosion and Service Life of Reinforced Concrete Structures"*
Supervisor (s) : Dr. Shyam Sundar Khadka
Department : Civil
Start Date : 2023
Email : kameshwar.sahani@ku.edu.np



Candidate : Binod Devkota
Thesis Title : *“Role of Project Management to Avoid Cost and Time Overrun in Hydropower Project of Nepal”*
Supervisor (s) : Prof. Dr. Ramesh Kumar Maskey
Dr. Shyam Sundar Khadka
Department : Civil
Start Date : 2023
Email : erbinoddevkota01@gmail.com



Candidate : Sunil Lamsal
Thesis Title : *“New Managerial Model for Implementing Sustainable Waste Management Practices in Kathmandu Metropolitan City”*
Supervisor (s) : Prof. Dr. Ramesh Kumar Maskey
Dr. Shyam Sundar Khadka
Department : Civil
Start Date : 2023
Email : mail.sunillamsal@gmail.com

Candidate : Gokarna Poudel
Thesis Title : *“Development of Modular Electric Vehicle for Nepal”*
Supervisor (s) : Prof. Dr. Bivek Baral
Dr. Diwakar Bista
Department : Mechanical
Start Date : 2023
Email : gokarna.poudel@ku.edu.np



Candidate : Niranjan Bastakoti
Thesis Title : *"Thermodynamic Performance Analysis and Optimization of Horizontal Ground Coupled Heat Pump Systems"*
Supervisor (s) : Prof. Dr. Bivek Baral
Department : Mechanical
Start Date : 2023
Email : niranjan.bastakoti@ku.edu.np



Candidate : Bibek Shrestha
Thesis Title : *"The Study on Photovoltaics System for Sustainable Agriculture"*
Supervisor (s) : Prof. Dr. Bivek Baral
Dr. Ram Prasad Dhital
Department : Mechanical
Start Date : 2023
Email : bishres123@gmail.com

Candidate : Manika Manandhar
Thesis Title : *"Decarbonisation of the Clay Brick Industries in Nepal using Green Hydrogen"*
Supervisor (s) : Dr. Biraj Singh Thapa
Department : Mechanical
Start Date : 2023
Email : manikasayami@gmail.com



Candidate : Ganesh Prasad Bhatta
Thesis Title : "Developing a Climate Resilient Land Management Framework"
Supervisor (s) : Dr. Reshma Shrestha
Dr. Dev Raj Paudyal
Advisor: Dr. Sunil Babu Shrestha, NAST
Department : Geomatics
Start Date : 2023
Email : gpbhatta@gmail.com



Candidate : Hareram Yadav
Thesis Title : "Developing Sustainable Urban Land Management Framework for Conservation of Urban Agriculture Land"
Supervisor (s) : Dr. Reshma Shrestha
Dr. Sunil Babu Shrestha
Department : Geomatics
Start Date : 2023
Email : hryadav4848@gmail.com

Candidate : Sameer Tamrakar
Thesis Title : "Intelligent Tutoring System for Teaching and Learning of Basic Programming Courses"
Supervisor (s) : Prof. Dr. Manish Pokharel
Department : Computer Science and Engineering
Start Date : 2023
Email : sameer.tamrakar@ku.edu.np



Candidate : Madhav Prasad Pandey
Thesis Title : "A Study on Wearable Device for Quantitative Gait Analysis"
Supervisor (s) : Dr. Rabindra Bista
Prof. Dr. João Carlos Ferreira,
ISCTE Portugal
Department : Computer Science and Engineering
Start Date : 2023
Email : mpp@ku.edu.np



Candidate : Praynita Karki
Thesis Title : "Early Childhood Malnutrition Monitoring and Alerting System"
Supervisor (s) : Dr. Rabindra Bista
Dr. Arunima Sehgal Mukherjee,
UiO Norway
Dr. David Lourenco Rodrigues,
ISCTE Portugal
Department : Computer Science & Engineering
Start Date : 2023
Email : praynita.karki@ku.edu.np

Candidate : Sanjiv Udash
Thesis Title : "Development of a Big Data Framework to Enhance the Efficiency of Nepal's National E-governance Plan"
Supervisor (s) : Dr. Gajendra Sharma
Department : Computer Science and Engineering
Start Date : 2023
Email : sanjivudas@gmail.com





Ph.D. SCHOLARS SCHOOL OF MANAGEMENT

Candidate : Sabin Bikram Panta
Thesis Title : "Bank regulation and corporate governance- Is it conflicting or complementing"
Supervisor (s) : Prof. Dr. Bijay Kumar KC
Department : Management
Start Date : 2016
Email : sabin@kusom.edu.np



Candidate : Jyoti Regmi Adhikary
Thesis Title : "Career success and its enablers for Nepali women executives: A case study"
Supervisor (s) : Prof. Dr. Binod Krishna Shrestha
Department : Management
Start Date : 2016
Email : jyoti@kusom.edu.np

Candidate : Ajay Kumar Shah
Thesis Title : "Merger performance of banking and financial institutions in Nepal"
Supervisor (s) : Prof. Dr. Bijay Kumar KC
Department : Management
Start Date : 2016
Email : 1610003_ajay@kusom.edu.np



Candidate : Teena Meen Rawal
Thesis Title : *“Examining Participative Management Practices: A Multiple Case Study of Nepal”*
Supervisor (s) : Prof. Dr. Binod Krishna Shrestha
Department : Management
Start Date : 2018
Email : 1810002_fina@kusom.edu.np



Candidate : Bhanu Bhakta Duwadi
Thesis Title : *“Corporate citizenship behavior of public listed companies in Nepal – a measurement of their preparedness in global compact”*
Supervisor (s) : Prof. Dr. Binod Krishna Shrestha
Department : Management
Start Date : 2021
Email : 18mc0001_bhanu@kusom.edu.np

Candidate : Sabina Baniya Chhetri
Thesis Title : *“Factor influencing informal learning & performance within the context of SME – case of Nepal”*
Supervisor (s) : Prof. Dr. Mahendra Shrestha
Department : Management
Start Date : 2021
Email : sabina@kusom.edu.np



Candidate : Ram Sharan Subedi
Thesis Title : *“Dynamic impact of microcredit on socio-economic development in Nepal”*
Supervisor (s) : Prof. Dr. Devi Prasad Bedari
Department : Management
Start Date : 2021
Email : 14624_ramsharan@kusom.edu.np



Candidate : Prabina Rajbhandari Vaidya
Thesis Title : *“Ethical leadership and mindfulness in case of Nepali businesses”*
Supervisor (s) : Prof. Dr. Vishal Gupta
Department : Management
Start Date : 2021
Email : prabina@kusom.edu.np

Candidate : Sunil Kumar Jha
Thesis Title : *“Risk perception behavior and risk coverage practices in urban housing in Nepal”*
Supervisor (s) : Prof. Dr. Bijay Kumar KC
Department : Management
Start Date : 2021
Email : sunil@kusom.edu.np



Candidate : Ritesh Kumar Thakur
Thesis Title : *"Consumers' adaption of online shopping in Nepal"*
Supervisor (s) : Prof. Dr. Binod Krishna Shrestha
Department : Management
Start Date : 2021
Email : 18mc0003_ritesh@kusom.edu.np



Candidate : Nirajan Phuyal
Thesis Title : *"Investors' protection: do capital market regulations and market outcomes matter?"*
Supervisor (s) : Prof. Dr. Devi Prasad Bedari
Department : Management
Start Date : 2021
Email : nirajan@kusom.edu.np



Candidate : Dipesh Karki
Thesis Title : *"Operation & maintenance of financing of sustainable rural water system – a case from Nepal"*
Supervisor (s) : Prof. Dr. Subodh Sharma
Department : Management
Start Date : 2021
Email : dipesh@kusom.edu.np



Candidate : Durga Prasad Dhakal
Thesis Title : *“Predictive Analysis of Queuing System in Transportation Management using Artificial Neural Networks”*
Supervisor (s) : Work in progress
Department : Management
Start Date : 2023
Email : durga.dhakal@ku.edu.np



Candidate : Sandeep Dhakal
Thesis Title : *“Agricultural Subsidy in India and It’s Impact on Agricultural Output and Price in Bordering Districts of Nepal”*
Supervisor (s) : Work in Progress
Department : Management
Start Date : 2023
Email : dhakalsandeep99@gmail.com

Candidate : Yam Lal Bhoosal
Thesis Title : *“Impact of Government Subsidy on Agriculture Production in Nepal”*
Supervisor (s) : Work in Progress
Department : Management
Start Date : 2023
Email : 21mc601_yamlal@kusom.edu.np





Ph.D. SCHOLARS SCHOOL OF MEDICAL SCIENCES

Candidate : Bhawana Shrestha
Thesis Title : *“Effect of a Mobile Health (m-Health) Intervention on Birth Outcome and infant health in Nepal”*
Supervisor (s) : Prof. Dr. Kunta Devi Pun
Prof. Dr. Anjana Dangol
Dr. Archana Shrestha
Department : Department of Nursing
Start Date : 2023
Email : bhawanakoju@gmail.com



Candidate : Bihungum Bista
Thesis Title : *“Female Community Health Volunteers Led Hypertension Prevention and Control in Nepal: An Implementation Study”*
Supervisor (s) : Dr. Archana Shrestha
Dr. Biraj Man Karmacharya
Dr. Kjersti Morkrid Blom-Bakke
Department : Department of Public Health
Start Date : 2023
Email : bistabihungum@gmail.com



Candidate : Dilip Kumar Mehta
Thesis Title : *“Reliability of craniometric measurements from conventional radiographs in comparison to computed tomographic images”*
Supervisor (s) : Prof. Dr Dipak Shrestha
Prof. Dr Subindra Karki
Department : Department of Anatomy
Start Date : 2023
Email : dilipmehta@kusms.edu.np



Candidate : Jaya Dhungana
Thesis Title : *“Care Cascade for Pregnancy-Induced Hypertension among women visiting Antenatal Care Clinics in Selected Hospitals of Nepal”*
Supervisor (s) : Dr. Archana Shrestha
Dr. Biraj Man Karmacharya
Dr. Shristi Rawal
Department : Department of Public Health
Start Date : 2023
Email : dhunganajayu@gmail.com



Candidate : Jyotsna Shakya
Thesis Title : *“Low-Density Lipoprotein (LDL) related Candidate Gene Variation with coronary artery disease (CAD) and their Interplay with Modifiable Risk Factors in Nepalese Population: A Case-Control study”*
Supervisor (s) : Prof. Dr. Rajendra Koju
Prof. Dr. Prabodh Risal
Prof. Dr. Nona Sotoodehnia
Department : Department of Public Health
Start Date : 2023
Email : shakyaajyotsna@gmail.com



Candidate : Minani Gurung
Thesis Title : *“Patterns and Predictors of Mortality Among Nepalese Labor Migrant Workers in Destination Countries”*
Supervisor (s) : Dr. Biraj Karmacharya
Dr. Archana Shrestha
Department : Department of Public Health
Start Date : 2023
Email : minanigurung@gmail.com



Candidate : Narayan Gautam
Thesis Title : *"Biochemical, Molecular, and Quality of Life Characterization in β -Thalassemia patients and its Association with Chronic Liver Disease in Lumbini Province, Nepal"*
Supervisor (s) : Prof. Dr. Prabodh Risal
Dr. Mukesh Sharma Paudel
Dr. Bipin Adhikari
Department : Department of Biochemistry
Start Date : 2023
Email : gau.naran@gmail.com



Candidate : Prajita Mali
Thesis Title : *"Time Driven Activity Based Costing for Defining and Integrating Essential Diabetes Mellitus Interventions in Nepal"*
Supervisor (s) : Dr. Biraj Man Karmacharya
Dr. Archana Shrestha
Dr. Kjersti Mørkrid Blom-Bakke
Department : Department of Public Health
Start Date : 2023
Email : prajitamali@gmail.com

Candidate : Pramesh Koju
Thesis Title : *"Effectiveness of audit and feedback in improving quality of care: an implementation study"*
Supervisor (s) : Prof. Dr. Sony Shakya Shrestha
Prof. Dr. Dong (Roman) Xu
Dr. Kjersti Mørkrid Blom-Bakke
Department : Department of Pharmacology/
Public Health
Start Date : 2023
Email : kojupramesh@gmail.com



Candidate : Prashamsa Karkee
Thesis Title : *“Investigation of Antibiotic Tolerance amongst the bacterial isolates from a Hospital Setting: Understanding Bacterial Survival Strategy”*
Supervisor (s) : Prof. Dr. Rajeev Shrestha
Dr. Tobias Doerr
Department : Department of Microbiology
Start Date : 2023
Email : prashamsa@kusms.edu.np



Candidate : Rudip Thapa
Thesis Title : *“Monitoring, Assessment and Prevention of Potential Medication Errors in the Tertiary Healthcare Facility of Nepal: A mixed-method Study”*
Supervisor (s) : Prof. Dr. Sony Shakya Shrestha
Department : Department of Pharmacology
Start Date : 2023
Email : thaparudip@nmct.edu



Candidate : Siddha Bdr. Rana Magar
Thesis Title : *“Hypervirulent Klebsiella pneumoniae: Prevalence, Detection, Antibiograms, and Clinical Outcomes in Comparison to Classical Klebsiella pneumoniae Infections; A study at a tertiary-care center in Nepal.”*
Supervisor (s) : Prof. Dr. Prabodh Risal
Prof. Dr. Prakash Ghimire
Dr. Sanjib Mani Regmi
Department : Department of Microbiology
Start Date : 2023
Email : sidrana2050@gmail.com



Candidate : Sita Karki
Thesis Title : *"Predictors of Child Abuse among School Going Children and Impact of Structural Training on Knowledge and Reporting of Child Abuse Among School Teachers of Dhulikhel Municipality"*
Supervisor (s) : Prof. Dr. Kunta Devi Pun
Dr. Archana Shrestha,
Department : Department of Nursing & Midwifery
Start Date : 2023
Email : sitakarki@kusms.edu.np



Candidate : Subasna Shrestha (Gurung)
Thesis Title : *"Postnatal care and services utilization in Nepal: use of mHealth intervention in improving utilization of postpartum care"*
Supervisor (s) : Prof. Dr. Anjana Dongol Singh
Prof. Dr. Kunta Devi Pun
Prof. Dr. Vanora Hundley
Department : Department of Nursing & Midwifery
Start Date : 2023
Email : subasna@dhulikhelhospital.org



Candidate : Surendra Kumar Madhup
Thesis Title : *"Molecular Epidemiology of Carbapenem Resistance in Enterobacteriaceae isolates from the tertiary care hospital in Nepal"*
Supervisor (s) : Prof. Dr. Rajeev Shrestha
Dr. Tobias Doerr,
Department : Department of Microbiology/
Pharmacology
Start Date : 2023
Email : sur2036@hotmail.com





Ph.D. SCHOLARS SCHOOL OF SCIENCE

Candidate : Babi Kumar Kafle
Thesis Title : *"Assessing water quality in lake Phewa and Khulekhani reservoir of Nepal"*
Supervisor (s) : Prof. Dr. C. M. Sharma
Prof. Dr. Bed Mani Dahal
Department : Environmental Science and Engineering
Start Date : 2017
Email : babikumar@ku.edu.np



Candidate : Sujesh Shrestha
Thesis Title : *"Techno-economic Analysis of Hydrogen Utilization in Anaerobic Digestion Process of Biogas Plants in Nepal"*
Supervisor (s) : Dr. Sunil Prasad Lohani
Dr. Anish Ghimire
Department : Environmental Science and Engineering
Start Date : 2021
Email : suzesh@gmail.com



Candidate : Bimala Dhimal
Thesis Title : *"Effect of Climatic and Non-climatic Factors on Water-borne Diseases in Nepal"*
Supervisor (s) : Prof. Dr. Rijan Bhakta Kayastha
Dr. Biraj Karmacharya
Department : Environmental Science and Engineering
Start Date : 2021
Email : bimaladhimal@gmail.com



Candidate : Moti Poudel
Thesis Title : *"Developing Indicators to Measure the Resilience of WASH to Climate Change"*
Supervisor (s) : Prof. Dr. Subodh Sharma
Dr. Manish Baidya
Department : Environmental Science and Engineering
Start Date : 2019
Email : swk207@gmail.com



Candidate : Anil Bhandari
Thesis Title : *"Measuring Socio-economic Impacts of Forest Ecosystem Services in Gaurishakar Conservation Area Nepal"*
Supervisor (s) : Prof. Dr. Mohan Prasad Devkota
Prof. Dr. Bed Mani Dahal
Department : Environmental Science and Engineering
Start Date : 2019
Email : askwithanil@gmail.com

Candidate : Rabindra Bahadur Thapa
Thesis Title : *"Assessment of Climate Change Impacts on Flood and Crop Adaptation in West Rapti River Basin, Nepal"*
Supervisor (s) : Dr. Kumud R. Kafle
Dr. Kundan L. Shrestha
Department : Environmental Science and Engineering
Start Date : 2019
Email : thaparabindra986@gmail.com



Candidate : Sabita Aryal Khanna
Thesis Title : *"Study of Panchagavya in crop production and ecological stability"*
Supervisor (s) : Prof. Dr. Janardan Lamichhane
Department : Environmental Science and Engineering
Start Date : 2019
Email : sabita@ku.edu.np



Candidate : Robert Dongol
Thesis Title : *"Assessment of Water, Sanitation and Hygiene (WASH) Institutions' capacity in building resilient communities in the context of Climate Change"*
Supervisor (s) : Dr. Anish Ghimire
Department : Environmental Science and Engineering
Start Date : 2019
Email : dongolrobert@gmail.com



Candidate : Rakesh Kayastha
Thesis Title : *"Assessment of hydrological response and cryosphere hazards of glacierized river basis of Nepalese Himalaya in the context of climate change"*
Supervisor (s) : Prof. Dr. Rijan Bhakta Kayastha
Department : Environmental Science and Engineering
Start Date : 2020
Email : rakesh.kayastha@ku.edu.np



Candidate : Deepak Paudel
Thesis Title : *"Effective Use of Climate Information to Adapt Hydro-meteorological Hazards in Agriculture, Nepal"*
Supervisor (s) : Prof. Dr. Rijan Bhakta Kayastha
Dr. Anand Kumar Gautam
Department : Environmental Science and Engineering
Start Date : 2020
Email : deepakndmf@gmail.com



Candidate : Menila Kharel
Thesis Title : *"Good agriculture practices in safe vegetable production for sustainable agriculture in mid-hills of Nepal"*
Supervisor (s) : Prof. Dr. Bed Mani Dahal
Dr. Nani Raut
Department : Environmental Science and Engineering
Start Date : 2020
Email : menila1234@gmail.com

Candidate : Prativa Poudel
Thesis Title : *"Assessment of Green House Gas emissions from on-site sanitation systems in Nepal"*
Supervisor (s) : Prof. Dr. Subodh Sharma
Dr. Anish Ghimire
Department : Environmental Science and Engineering
Start Date : 2020
Email : prativapoudel1@gmail.com



Candidate : Jitendra Bikram Shahi
Thesis Title : "Impact of Climate Change in Agricultural Production and Local Coping Mechanism in Doti District"
Supervisor (s) : Prof. Dr. Bed Mani Dahal
Dr. Nani Raut
Department : Environmental Science and Engineering
Start Date : 2020
Email : jbshahi06@yahoo.com



Candidate : Ajay Kumar S. Rajbhandari
Thesis Title : "Farmers' Occupational Exposure to Pesticides, their Health Risk Perception, and Pesticide Residues in Surrounding Environment in Makwanpur, Nepal"
Supervisor (s) : Prof. Dr. Bed Mani Dahal
Dr. Kishore Atreya
Department : Environmental Science and Engineering
Start Date : 2020
Email : rajbhandariajay@gmail.com



Candidate : Rita Bhatta
Thesis Title : "Local and long range transport of pollutants effects on aquatic ecosystem in the Himalaya"
Supervisor (s) : Prof. Dr. C.M. Sharma
Prof. Dr. Rajendra Joshi
Dr. Smriti Gurung
Department : Environmental Science and Engineering
Start Date : 2018
Email : ritu_chem@ku.edu.np



Candidate : Prakash Lamichhane
Thesis Title : "Graphene Synthesis and Characterization for Application in Solar Technology"
Supervisor (s) : Prof. Dr. Rameshwar Adhikari
Dr. Bhim Prasad Kafle
Department : Chemistry
Start Date : 2021
Email : prlamichhane@ku.edu.np



Candidate : Subash Dhakal
Thesis Title : "Recovery of Hydrogen from Organic Fraction of Municipal Solid Waste"
Supervisor (s) : Prof. Dr. Bholu Thapa
Dr. Bikash Adhikari
Department : Environmental Science and Engineering
Start Date : 2020
Email : dhakal.subbi@gmail.com

Candidate : Shreekrishna Neupane
Thesis Title : "Isolation of Plastic Degrading Microorganisms and its Applications"
Supervisor (s) : Dr. Sangita Shakya
Dr. Anish Ghimire
Department : Environmental Science and Engineering
Start Date : 2021
Email : shreekrishna.neupane@pu.edu.np



Candidate : Lokesh Sapkota
Thesis Title : *"Investigation on Natural Attenuation of Physic-chemical Parameters of Landfill Leachate in Different Textures of Soil"*
Supervisor (s) : Prof. Dr. Rajendra Joshi
Dr. Anish Ghimire
Dr. Bikash Adhikari
Department : Environmental Science and Engineering
Start Date : 2020
Email : lokesh.sapkota.27@gmail.com



Candidate : Ajay Kumar KC
Thesis Title : *"Life Cycle Assessment of Nepalese Buildings"*
Supervisor (s) : Prof. Dr. Bivek Baral
Dr. Anish Ghimire
Dr. Bikash Adhikari
Department : Environmental Science and Engineering
Start Date : 2021
Email : kajaykc@gmail.com

Candidate : Umesh Kunwar
Thesis Title : *"High Resolution Urban Air Quality Assessment of Kathmandu Valley by Coupling WRF-Chem and CFD Models"*
Supervisor (s) : Prof. Dr. Rijan Bhakta Kayastha
Dr. Kundna Lal Shrestha
Dr. Sailesh Chitrakar
Department : Environmental Science and Engineering
Start Date : 2021
Email : umesh.enve@gmail.com



Candidate : Dev Chandra Shrestha
Thesis Title : *“Mathematical model of temperature distribution in human dermal part during physical exercises”*
Supervisor (s) : Prof. Dr. Dil Bahadur Gurung
Dr. Saraswati Acharya
Department : Mathematics
Start Date : 2018
Email : shresthadev28@yahoo.com



Candidate : Raj Kumar Pradhan
Thesis Title : *“A mathematical modeling of pedestrians-vehicles interactions and its impacts at signalized and un signalized road crossings ”*
Supervisor (s) : Prof. Dr. Dil Bahadur Gurung
Dr. Samir Shrestha
Department : Mathematics
Start Date : 2018
Email : rajpradhan63@gmail.com

Candidate : Kiran Kumar Shrestha
Thesis Title : *“Risk Management Practices With Reference to Financial Portfolios of Nepal”*
Supervisor (s) : Prof. Dr. Rabindra Kayastha
Department : Mathematics
Start Date : 2022
Email : kiran.shrestha@ku.edu.np



Candidate : Harish Chandra Bhandari
Thesis Title : "A Study on Geometric Deep Learning with Applications"
Supervisor (s) : Prof. Dr. Kanhaiya Jha
Dr. Bishesh Khanal
Department : Mathematics
Start Date : 2019
Email : harishbhandari@outlook.com



Candidate : Hem Raj Pandey
Thesis Title : "Fractional Calculus on Dengue Epidemic Model"
Supervisor (s) : Prof. Dr. Dil Bahadur Gurung
Dr. Ganga Ram Phaijoo
Department : Mathematics
Start Date : 2020
Email : rajhem2040@gmail.com

Candidate : Bharat Raj Wagle
Thesis Title : "Performance Analysis of Closed Queueing Network Systems with Finite Capacity"
Supervisor (s) : Prof. Dr. Ram Pd. Ghimire
Department : Mathematics
Start Date : 2019
Email : bharatrajwagle@gmail.com





Candidate : Thaneshwor Bhandari
Thesis Title : *“Some common fixed point theorem in Fuzzy Metric Space and its Applications”*
Supervisor (s) : Prof. Dr. Kanhaiya Jha
Dr. Kancha Bhai Manandhar
Department : Mathematics
Start Date : 2021
Email : tnbhandari2072@gmail.com

Candidate : Rajib Kumar Shrestha
Thesis Title : *“Screening of indigenous medicinal plants of Nepal for their anti cancer activity and its mechanism of action”*
Supervisor (s) : Dr. Bhupal Govinda Shrestha
Department : Biotechnology
Start Date : 2018
Email : shrestharajib2005@ku.edu.np



Candidate : Dashrath Kafle
Thesis Title : *“Effects of Indigenous Herbal Extracts on Controlling Various Oral Diseases”*
Supervisor (s) : Prof. Dr. Janardan Lamichhane
Department : Biotechnology
Start Date : 2019
Email : dashrath07@yahoo.com



Candidate : Nabin Narayan Munankarmi
Thesis Title : *"Bioactive Characterization and Industry Applications of Selected Edible Medicinal Plants of Nepal"*
Supervisor (s) : Prof. Dr. Wei Zhang
Prof. Dr. Dhurva Prasad Gauchan
Department : Biotechnology
Start Date : 2021
Email : nabin2045@gmail.com



Candidate : Tara Shrestha
Thesis Title : *"Diversity and Bioactive Potential of Endophytic Fungi from Medicinal Plants of Nepal"*
Supervisor (s) : Prof. Dr. Dhurva Prasad Gauchan
Dr. M Rosario Garcia-Gil
Dr. Heriberto Veleg
Department : Biotechnology
Start Date : 2020
Email : tarashrestha2@gmail.com

Candidate : Hem Raj Koirala
Thesis Title : *"Screening of Classic Codified Nepalese Medicinal Plants for their Anti-cancer Activities and Study of its Mechanism of Action"*
Supervisor (s) : Dr. Bhupala Govinda Shrestha
Department : Biotechnology
Start Date : 2021
Email : hemraj.koirala@gmail.com



Candidate : Bigyan Joshi
Thesis Title : *"Formulation and development of anti-aging liposomes containing active antioxidant rich Nepalese medicinal plants"*
Supervisor (s) : Prof. Dr. Panna Thapa
Prof. Dr. Rajendra Gyawali
Department : Pharmacy
Start Date : 2017
Email : joshibigyan26@gmail.com



Candidate : Ashna Dhakal
Thesis Title : *"Assessment of Anti-virulence and Anti-quorum Sensing (QS) Potential of Avocado in Bacteria"*
Supervisor (s) : Dr. Sangita Shakya
Department : Biotechnology
Start Date : 2021
Email : ashna@ku.edu.np

Candidate : Nayan Manandhar
Thesis Title : *"Pharmaco-kinetic Studies of Selected Drug Molecule Linagliptin Oral Dosage Form"*
Supervisor (s) : Prof. Dr. Panna Thapa
Dr. Rajana Shakya
Dr. Uttam Budhathoki
Department : Pharmacy
Start Date : 2019
Email : nayanmanandhar@iom.edu.np



Candidate : Badri K. C.
Thesis Title : *"Situational Analyses of Community Pharmacy of Gap Identification for GPP Implementation in Nepal"*
Supervisor (s) : Dr. Uttam Budhathoki
Naeti Suksomboon
Department : Pharmacy
Start Date : 2019
Email : badrikc@ku.edu.np



Candidate : Rojina Koju Shrestha
Thesis Title : *"Monitoring Standard of Treatment in Patients with Atrial Fibrillation"*
Supervisor (s) : Dr. Rajani Shakya
Dr. Ram Gurung
Dr. Durga Bista
Department : Pharmacy
Start Date : 2019
Email : rojeenas@ku.edu.np

Candidate : Achyut Bikram Thapa
Thesis Title : *"WHO Pre-qualification of Medicines by Nepal Pharmaceutical Industries"*
Supervisor (s) : Prof. Dr. Panna Thapa
Dr. Rajani Shakya
Dr. Robhash Kusum Subedi
Department : Pharmacy
Start Date : 2021
Email : a.abthapa@gmail.com



Candidate : Santosh KC
Thesis Title : *“Regulatory initiatives for the availability of safe, effective, quality and affordable medicines in Nepal: current status and future prospective”*
Supervisor (s) : Prof. Dr. Panna Thapa
Dr. Pramote Tragulpiankit
Department : Pharmacy
Start Date : 2021
Email : phrskc@gmail.com



Candidate : Anup Luitel
Thesis Title : *“Study of Screening Indigenous Himalayan Medicinal Plants for Bioactive Compound(s) with Anti-cancer Activity and their Lab Culture”*
Supervisor (s) : Prof. Dr. Janardan Lamichhane
Dr. Ashwuni Kumar Shrestha
Department : Pharmacy
Start Date : 2021
Email : anup.luitel@ku.edu.np

Candidate : Keshav Raj Sigdel
Thesis Title : *“Ab initio study of 2D ternary pentagonal monolayer of BNX2 family”*
Supervisor (s) : Prof. Dr. Ujjwal Man Joshi
Dr. Rajendra Adhikari
Department : Physics
Start Date : 2023
Email : sigdelkr@ku.edu.np



Candidate : Santosh Kshetri
Thesis Title : *"Electron-Phonon Interaction in High Temperature Superconductors, Strongly Correlated System"*
Supervisor (s) : Prof. Dr. Ujjwal Man Joshi
Dr. Rajendra Adhikari
Department : Physics
Start Date : 2019
Email : kshetriSantosh2048@gmail.com



Candidate : Prakash Chanda Gupta
Thesis Title : *"Effect of Rotation and Tilt Oxygen Octahedra on Perovskites Compounds"*
Supervisor (s) : Prof. Dr. Ujjwal Man Joshi
Dr. Rajendra Adhikari
Department : Physics
Start Date : 2019
Email : pcgupta.physics@gmail.com

Candidate : Prem Narayan Poudel
Thesis Title : *"Chemical composition biological activities and cream formulation of essential oils of lamiaceae species, Nepal "*
Supervisor (s) : Prof. Dr. William N. Setzer
Prof. Dr. Rajendra Gyawali
Department : Chemistry
Start Date : 2018
Email : prempaudel@ku.edu.np

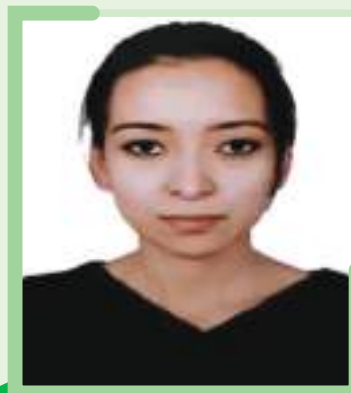


Candidate : Govinda Pathak
Thesis Title : *"Isolation and Characterization of Plant Growth Promoting Microorganism From the Rhizosphere of Himalayan Drepanostachyum Khasianum, Nephrolepis Cordifolia and Tracheophyta by Culture and Meta Genomic Approach"*
Supervisor (s) : Prof. Dr. Janardan Lamichhane
Department : Biotechnology
Start Date : 2022
Email : govinda.pathak11@gmail.com



Candidate : Lalit Mohan Pant
Thesis Title : *"In Vitro and In Vivo Evaluation of bioactive compounds isolated from Indigenous medicinal plants of Himalayas for antidiabetic activities"*
Supervisor (s) : Prof. Dr. Janardan Lamichhane
Dr. Rajan Shrestha
Department : Pharmacy
Start Date : 2022
Email : lalit.pant@ku.edu.np

Candidate : Sweta Shrestha
Thesis Title : *"Patients with Insulin requiring diabetes in Nepal: Adherence and the provision of diabetes care "*
Supervisor (s) : Dr. Rajani Shakya,
Dr. Biraj Karmacharya
Department : Pharmacy
Start Date : 2022
Email : sweta.shrestha@ku.edu.np



Candidate : Sushil Nepal
Thesis Title : *“Building an optimal model for Intrusion Detection System to protect Educational IT infrastructure”*
Supervisor (s) : Dr. Bal Krishna Bal
Dr. Rabindra Bista
Department : Computer Science
Start Date : 2021
Email : sushilnepal@ku.edu.np



Candidate : Ganesh Kuwar Chhetri
Thesis Title : *“Non-Thermal atmospheric plasma for medical textile treatment and degradation of persistent organic pollutants (POPs) from water”*
Supervisor (s) : Prof. Dr. Deepak Prasad Subedi
Dr. Balram Pokhrel
Department : Physics
Start Date : 2022
Email : ganesh@ku.edu.np



Candidate : Asmita Shrestha
Thesis Title : *“Study of atmospheric pressure dielectric barrier discharge and its application in the seed germination and food sterilization”*
Supervisor (s) : Prof. Dr. Ujjwal Man Joshi
Prof. Dr. Deepak Prasad Subedi
Department : Physics
Start Date : 2022
Email : asushrestha58@gmail.com



Candidate : Akhilesh Kumar Singh
Thesis Title : *"Experimental study of cold atmospheric plasma (CAP) production of reactive species and its application in agriculture"*
Supervisor (s) : Prof. Dr. Ujjwal Man Joshi
Prof. Dr. Deepak Prasad Subedi
Dr. Hom Bahadur Baniya,TC,TU
Department : Physics
Start Date : 2022
Email : akhilesh.singh@trc.tu.edu.np



Candidate : Nawaraj Poudel
Thesis Title : *"Optimizing database queries using Genetic Algorithms"*
Supervisor (s) : Prof. Dr. Manish Pokharel
Department : Computer Science
Start Date : 2021
Email : nawarajpauldel@cdcsit.edu.np

Candidate : Joshna Shrestha
Thesis Title : *Pythochemical Analysis of selected medicinal Plants of Nepal for Antimicrobial and Anti-Cancer Activity*
Supervisor (s) : Prof. Dr. Sanjukta Patra
Dr. Ashwinee Kumar Shrestha
Department : Pharmacy
Start Date : 2023
Email : joshnakoju@gmail.com



Candidate : Govind Janawali
Thesis Title : "Modelling of Poverty Status in Nepal: A Logistic Regression Approach"
Supervisor (s) : Prof. Dr. Rabindra Kayastha
Department : Mathematics
Start Date : 2023
Email : jnawali.govinda@gmail.com



Candidate : Prakash Tikaram Joshi
Thesis Title : "Finite Field in Post- Quantum Cryptography"
Supervisor (s) : Prof. Dr. Pushpa Raj Adhikari
Dr. Gokul K.C
Department : Mathematics
Start Date : 2023
Email : surajtjoshi@gmail.com

Candidate : Shantiram Subedi
Thesis Title : "Multivariate Statistical Modelling of NEPSE Stock Data"
Supervisor (s) : Prof. Dr. Rabindra Kayastha
Department : Mathematics
Start Date : 2023
Email : shantiramsubedi2020@gmail.com



Candidate : Bharat Bahadur Thapa
Thesis Title : *"Deterministic and Stochastic Approach on Infectious Disease Models"*
Supervisor (s) : Dr. Sameer Shrestha
Department : Mathematics
Start Date : 2023
Email : bharatbahadurthapa@gmail.com



Candidate : Ritu Basnet Thapa
Thesis Title : *"Mathematical Modelling of Queuing Systems in Manufacturing Industries"*
Supervisor (s) : Prof. Dr Ram Prasad Ghimire
Dr. Sushil Ghimire
Department : Mathematics
Start Date : 2023
Email : rbasnet7@gmail.com



Candidate : Nabin Ghimire
Thesis Title : *"Interoperability in Health Information Systems in Nepal"*
Supervisor (s) : Dr. Rabindra Bista
Prof. Dr. Jens Kaasboll
Prof . Dr. Joao Carlos Ferreira
Department : Compute Science
Start Date : 2023
Email : nabin.ghimire@ku.edu.np



Candidate : Youbaraj Poudyal
Thesis Title : "A novel Approach on P-Wave Detection Based Earthquake to Mitigate Disaster Using Inter of Things(IoT)"
Supervisor (s) : Dr. Gajendra Sharma
Dr. Lok Bijaya Adhikari
Department : Compute Science
Start Date : 2023
Email : youbaraj3@gmail.com



Candidate : Rabin Acharya
Thesis Title : "Identification of Aquatic Plants as a Novel Feeding Materials for Animal"
Supervisor (s) : Prof. Dr. Bed Mani Dahal
Dr. Smriti Gurung
Department : Environment science and engineering
Start Date : 2023
Email : rabin.acharya22@gmail.com

Candidate : Rabi Bhattarai
Thesis Title : "Assessment of Impact of Climate Change in Avalanche Hazard"
Supervisor (s) : Dr. Kumud R. Kafle
Prof. Dr. Rijan Bhakta Kayastha
Department : Environment science and engineering
Start Date : 2023
Email : bhattarai.rabi@gmail.com



Candidate : Ujwal Pradhan
Thesis Title : *"Life Cycle Assessment of Industrial/Manufacturing Waste, Munciple Solid Waste through Cradle Approach"*
Supervisor (s) : Prof. Dr. Bivek Baral
Dr. Anish Ghimire
Department : Environment science and engineering
Start Date : 2023
Email : ujjdhan@gmail.com



Candidate : Laxman KC
Thesis Title : *"Road Safety Scenario ,its Impact, Potential for its Improvement and Economic Burden and its Costing of the Nation"*
Supervisor (s) : Dr. Kumud R. Kafle
Dr. Bikash Adhikari
Department : Environment science and engineering
Start Date : 2023
Email : laxmankc2000@gmail.com

Candidate : Pratik Singh Thakuri
Thesis Title : *"Assessment of Impacts of Climate Change and Land Use Change Churia Watershed of Nepal"*
Supervisor (s) : Prof.Dr. Rijan Bhakta Kayastha
Dr. Kumud R. Kafle
Department : Environment science and engineering
Start Date : 2023
Email : thakuripratiksingh@gmail.com





Candidate : Rewant Kumar Rawat
Thesis Title : *"Integrated Study of Land Subsidence Condition in Hetauda Valley with Special Reference to Geotechnical Properties of Subsurface Material"*
Supervisor (s) : Dr. Kumud R. Kafle
Dr. Bikash Adhikari
Department : Environment science and engineering
Start Date : 2023
Email : rkrfirst@gmail.com

