



*Publisher*

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Printed : TU Press, Kirtipur, Tel No : 4331320, 4331321



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# TU TODAY-2080 (2023-2024 A.D)

**TRIBHUVAN UNIVERSITY**  
KIRTIPUR, KATHMANDU, NEPAL





# Tribhuvan University

## Kirtipur, Kathmandu, Nepal

27 June, 2023



## Message from the Vice-Chancellor

I am pleased to share my happiness through the 2023 edition of our university's regular publication *TU Today*. It offers updated information about the structure and basic function of our university and its constituents. Also, this publication presents the highlights of the university's major accomplishments over the year.

TU was established in 1959 as Nepal's first university with the goals of promoting, developing and disseminating information, prioritizing research, and therefore producing competent human resources necessary for the country's holistic development. TU has now become a well-established university, with its alumni working in various national and international fields including in the numerous world-class universities and research institutions in North America, Europe and Asia. We are trying our best to do everything we can to keep up with the pace of the speedy age of digitalization.

We are committed to improving the academic quality of the institution in accordance with prevailing global standards. Taking this opportunity, I feel immense pleasure to inform you that we are working hard to address the difficulties of the transition caused by covid-19 pandemic. Our incessant efforts are geared to shift our teaching-learning programs from the Content-Pedagogy-Knowledge (CPK) mode to the Technology-Content-Pedagogy-Knowledge (TCPK) mode.

TU is now updating the curricula of its different levels in order to make our academic programs market relevant. We are trying our best to integrate Information and Communication Technology (ICT) in teaching, learning, assessment and governance. Also, we are working on expanding our academic programs through blended mode in order to provide higher education access to those aspirants who are not able to attend our face-to-face mode of education.

Tribhuvan University has been ranked 201–250 out of 829 short-listed Asian universities as a consequence of our proactive strategies and deployment of IT and ICT applications in virtual teaching and learning during pandemics, putting us well ahead of other well-known universities in the Asian region.

One of the key achievements that TU has made this year is that we have made substantial progress in financial good governance. We have been trying to settle the financial irregularities pointed out by the past audit reports. Out of the total financial irregularity of TU, Rs.13,00,00,00,000/- has already been submitted to the Auditor's General's Office with the required documents for clearance and Rs.6, 00,00,00,000/- has already been settled and the rest is in the process of final settlement.

TU has increased its digital resources dramatically in the central library collecting more than 5.5 million resources over the last three years and gradually converting it to a digital library. It has also introduced anti-plagiarism software to ensure quality in the research carried out by our students and teachers. We have also increased research funds significantly to nurture the research culture at all levels. We have engaged our teachers to work in policy research in collaboration with the Government of Nepal. Improvement of the infrastructure for ICT and academic programs is also in progress.

I would like to appeal to the TU community and its stakeholders to continue working hard to make Tribhuvan University a centre of excellence with strong research, quality education, publications and international collaborations.

Finally, I thank members of the Editorial Board, concerned personnel, and volunteers who worked hard to publish this document in this enticing form with elegant substance.

Prof. Dr. Dharma Kanta Baskota  
Vice-Chancellor



# Tribhuvan University

## Kirtipur, Kathmandu, Nepal

27 June, 2023



## Message from the Rector

It gives me immense pleasure to inform that Information and Public Relation Division of Tribhuvan University has prepared the 2023's issue of *TU Today* to be published on the auspicious occasion of the 64th TU day. *TU Today*, a regular publication of Tribhuvan University, disseminates the basic information of TU and overall structures of its constituent parts; the significant achievements made in academic endeavors and various prospects for enhancing the holistic image of the university to its stakeholders and the general public.

TU, internalizing the importance and need for quality education, was established in 1959 as the first university of Nepal with the aims of propagating and creating knowledge, emphasizing research and hence producing competent human resources required for the holistic development of the country. It has expanded its academic programs all over the country through its 40 Central Departments, 62 Constituent and 1060 affiliated campuses and 4 Schools under five Institutions and four faculties. TU also carries out research activities in various disciplines through its four Research Centers, Research Directorate and Research Management Cells within the central Departments and its campuses. As a state funded university, TU has immensely contributed to the holistic development of the country through its research, teaching and community services. Due to its size, diverse programs and scattered constituent campuses across the country, TU has also faced challenges in managing its property, campuses and imparting quality education as per the need of the speedy age.

TU has tried its best to address the nations' need and keep up with the changed context. It has undergone a series of changes and developments in areas of infrastructure development, human resource management, introducing cutting edge academic and research programs, formulating policies as per the demands of time since its establishment. TU has integrated teaching with research activities. The recent development in Information Technology has pushed the University to utilize a full-fledged integration of ICT to the entire academic programs. TU has increased funds for faculty research, collaborative research, support for students research, National Priority Research, Endowment Fund Research so as to make our faculty and students engaged in academic research.

I hope that the updated information, events and activities of Tribhuvan University communicated through this latest issue of *TU Today* will help the national and international academia be informed about our university. I would like to take this opportunity to request all concerned to put our heads together to elicit and engage our faculty and students in reading, researching and writing so as to explore, explain, elaborate, evaluate and extend our local, national and global issues and address them academically in order to create conducive sound academic environment in our central departments, campuses and research centers.

Finally, I would like to thank the Editorial Board, laborious staff and all the stakeholders for getting it published in an elegant form with substantial content.

Prof. Shiva Lal Bhusal, PhD  
Rector



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## TU : At a Glance

### Background

Tribhuvan University (TU), which was established in 1959 AD, is the first national institution of higher education in Nepal. It is a non-profit making autonomous institution funded by the Government of Nepal. On January 8, 2013, the Government of Nepal has principally agreed to declare Tribhuvan University as the Central University.

After the second democratic movement of 2006, AD, the Prime Minister is the Chancellor and the Minister of Education is the Pro-Chancellor of TU. The Vice-Chancellor is the Chief Executive of the university. The Vice-Chancellor is assisted by the Rector in academic Programmes and the Registrar in financial management and general administration. Senate is the supreme decision-making body in formulating policies, budget, and rules and regulations for running the university. It consists of 52 members.

The Central Administrative Office and the Central Campus of TU are located on the north eastern facade of Kirtipur, an ancient and small town located five

kilometers away from Kathmandu city centre. There are 40 central departments and 4 research centres in TU, and out of them, 32 central departments and 3 research centres are located at Kirtipur. The university at Kirtipur is spread over an area of 154.77 hectares (3042-5-2 ropanis).

### Mission and Goals

TU is committed and dedicated to making source and centre of quality education by setting up culture of learning in the country and promoting the notion of national and global peace and harmony. The mission of the university is to prepare capable human resources required for the overall development of Nepal. It has three major goals:

- To promote and disseminate advanced learning
- To protect and develop national culture and tradition; and
- To involve people in extensive, empirical and timely creation of knowledge and research in the fields of arts, science, technology and vocation.

## Councils

There are 4 councils constituted as major decision-making bodies of the university.

- **Executive Council**

Executing the decisions of the Senate, making decisions on grants, giving affiliation to private campuses, and appointing the university officials are its major functions. It consists of 7 members.

- **Academic Council**

The academic council makes decisions on educational policies and practices regarding curricula, teaching, examinations and research and comprises of 50 members.

- **Research Coordination Council**

It formulates policies on TU research activities, approves guidelines for researchers and coordinates the functions of university level research organizations. Centre for Research is the secretariat of the council. The council consists of 27 members.

- **Planning Council**

The planning council performs an advisory role of preparing short and long-term plans, developing annual Programmes and evaluating the implementation of Programmes. It consists of 29 members.

## Programmes

Since its inception, TU has expanded its Programmes in different disciplines. There are 5 technical institutes and 4 general faculties.

It has a wide range of course offerings in Bachelor's and Master's levels. TU offers M.Phil. and Ph.D. degree in different disciplines both at the Technical Institutes and Faculties. TU has initiated to bring reforms in its academic Programmes by moving gradually from annual to semester system and also from teaching to research focusing on collaboration with national and international partners. TU has started semester system in Master Degree Programmes at all the central departments and campuses.

TU conducted its programmes only through its constituent campuses prior to 1980. As the number of the students willing to acquire higher education was increasing day by day, it was not possible for the university to accommodate all the students in the constituent campuses. This situation led to the establishment of colleges in the private sector. From 1979-80, TU started providing affiliation to private colleges to conduct various Programmes at different levels. One thousand sixty (1060) private/community colleges spread all over the country have so far received affiliations from TU.

TU has 8,340 teaching faculty and 7,674 non-teaching staff including the support staff in its different faculties, institutes, constituent campuses and research centers. The total number of employees of TU is 16,014.

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# Technical Institutes

## Institute of Science and Technology

### Introduction

The Institute of Science and Technology (IoST) is one of the oldest, largest and pioneering Institutes in Tribhuvan University located at Kirtipur, Kathmandu, Nepal. It was established in January 2, 1989, as an Institute of Science and Technology. IoST has thirteen Central Departments, one School, 24 constituent campuses and 90 affiliated campuses (see Fig. 1). Thirteen Central Departments run graduate (or master's) and post graduate (or Ph.D.) in 19 and 13 disciplines, respectively. Out of 24 constituent campuses, 9 campuses run both the undergraduate

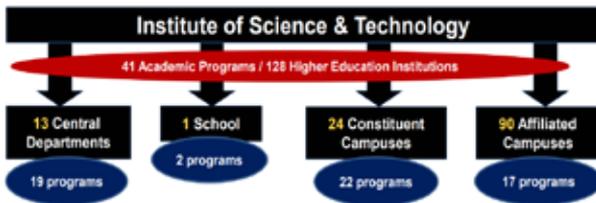


Fig. 1: Program and Campuses/Colleges/Schools

(bachelor's) and graduate (master's) programs. A few campuses have given opportunities of their faculties to carry out Ph.D. research programs for the candidates who enrolled in the respective Central Departments.

In this year (2022-23), there are 33,083 students at the undergraduate (91.6%) and graduate (9.4%) levels. There are 456 students doing Ph.D. in science and technology disciplines. Till date 233 Ph.D. has been awarded in 12 disciplines. In the year 2022, 33 candidates of Ph.D. have been awarded the degree. The number of full time faculties involved in IoST's science & technology program is 1085. They are involved in teaching as well as research activities in their respective disciplines. The number of female

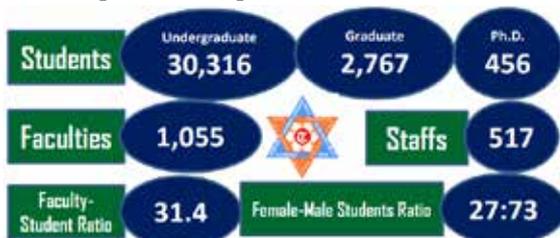


Fig. 2: Number of students, faculties & staffs

students is only 27% in Science & Technology. Faculty-student ratio is also very high (31.4). We are planning to reduce it by making 20 in coming 5 years. The number of staff is about 48% of teaching faculties.

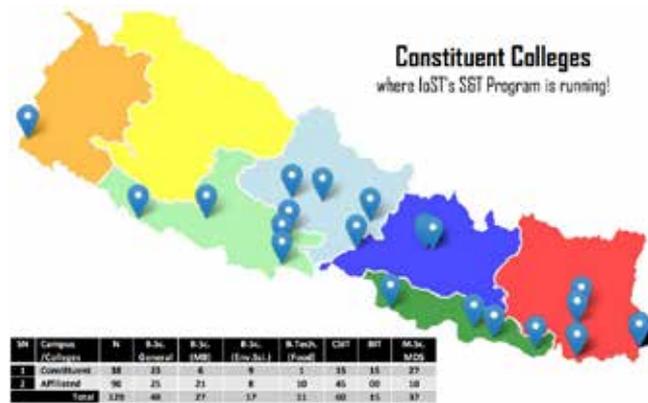


Fig. 3 : Distribution map of Constituent Colleges where IoST's program is running

The distribution on constituent campuses offering S&T program is shown in the map (Fig. 3). There is no constituent campus offering S&T in Karnali province. All other provinces have constituent campuses with S&T stream.

### Vision and Objectives

IoST intends to promote the quality of its Departments and Campuses by setting up well equipped laboratories, libraries/e-libraries, and infrastructures along with by employing skilled human resources and by providing advisory services in close collaboration with national and international agencies. Its effort are to improve teaching learning activities, enhancing research strength of the faculties and students within the institute and make all the Departments as a centre of excellence. Ultimately, it aims at creating a scientific values and culture in society and improving the quality of life of the people.

### Mission & Goals

The mission of the institute of Science and Technology is to provide quality Science and Technology education

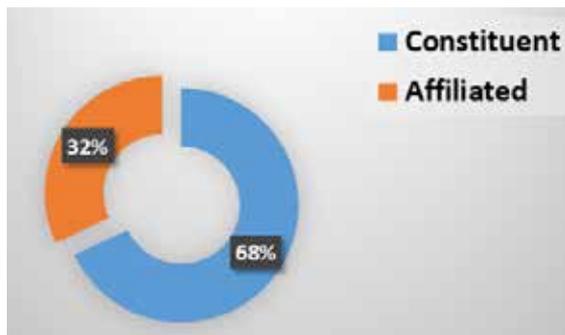


Fig. 4 : Number of Science & Technology students in constituent and affiliated College.

and research in the frontier of Science and Technology focusing sustainable development of the nation. Our main goals are as follows:

- Enhance academic excellence in research.
- Perform as think-tank in the field of science & technology
- Establish collaboration with national and international universities and research center.
- Perform as a research leader of the University.

### Degree offered by IoST, TU

IoST offers 41 degrees at the undergraduate, graduate and post graduate levels, shown in the table 1. At the undergraduate level, there are 8 programs: B.Sc. (5 programs), BIT, B. Tech and B.Math.Sc. There are 19 program (second column) at the graduate level. The pass-rate at the undergraduate level is about 50% whereas it is 80% at the graduate level. The enrolment rate is about 85-100%. The number of students at the constituent campuses is 68%. Only 32% students

DEGREE OFFERED BY IoST, TU		
Undergraduate	Graduate	Ph. D.
Yearly System (4 years)	Semester System (4 semesters)	(2 Semester + Research)
B.Sc. General B.Sc. (MB) B.Sc. (Env. Sci.) B. Tech. (Food)	M.Sc. CSIT M.Sc. Math M.Sc. Microbiology M.Sc. Env. Science M.Sc. Env. Health in Disaster M.Sc. Statistics M.Sc. Biotechnology M.Sc. Biodiv. and Env. M. M.Sc. Physics M.Sc. Chemistry M.Sc. Zoology M.Sc. Botany M.Sc. Geology	Biotechnology Botany Chemistry CSIT Env. Science Food Technology Geology Hydro. & Meteo. Mathematics Microbiology Physics Statistics Zoology
Semester System (8 semesters)	M.Sc. Hydro. & Meteo. M.Sc. Engineering Geology M.Tech. Food Technology Masters' in Data Science Masters' in Information Technology M.Sc. (Mountain & Mountaineering Sci)	IoST is planning to deploy applied science program at undergraduate level soon.
B.Sc. (CSIT) Bachelor of IT (BIT) B. Math Sc. (Actuarial Sci) B.Sc. (Nut. & Diet.)		
M.Phil		
Mathematics		
IoST offers 41 Academic Programs at undergraduate, graduate & post graduate level!		

Table 1: Academic program offered by IoST, TU

study at the affiliated colleges. Annual intake shows that about 16,000 students appear in the entrance examinations for B.Sc. General, B.Sc. (CSIT), BIT, B.Tech. (Food) and B.Math. Sc. (Actuarial Sci.) every year. At the graduate level (M.Sc., MIT, MDS, etc), about 2500 students appear in the entrance examination.

### New Program Launched: MIT & M.Sc. MMS

IoST launched two new program from this year: Masters in Information Technology (MIT) and Masters in Science (Mountain & Mountaineering Science) (M.Sc. MMS) from this year. MIT program has been offered



Fig. 5: MIT & M.Sc. (MMS) program launched in the year 2023.

by the Central Department of Computer Science & Information Technology (CD-CSIT), Patan Multiple Campus, Amrit Campus, Padma Kanya Multiple Campus and Bhaktapur Multiple Campus. The M.Sc. (MMS) has been offered by Nepal Mountain Academy, an institution run by Nepal Government. Distribution of colleges, programs and students are shown in the doughnut diagram.

### Admission Policy

Admission at all levels can be made after competing Centrally Controlled Entrance Examination run by the Dean Office annually. There are five entrance examination as follows:

**Entrance Examination for B. Sc. (CSIT):** 2 hours long / MCQ questions / online application portal / decentralized exam center / priority form filling / result as merit/rank with score card

**Entrance Examination for B. Sc. (General) / B. Tech. (Food):** 2 hours long / MCQ questions / online application portal / decentralized exam center / result as merit/rank with score card

**Entrance Examination for BIT:** 2 hours long / MCQ questions / online application portal / decentralized exam center / result as merit/rank with score card

**Entrance Examination for M.Sc. / MDS / MIT:** 2 hours long / MCQ questions / online application portal / decentralized exam center / result as merit list

### Evaluation System

**Bachelor Level (Annual System):** Yearly Examination from the office of the controller of Examination (Theory + Practical), almost 50% practical in each year.

**Bachelor Level (Semester System):** 40% internal evaluation + 60% external exam through Dean's Office

**Master Level (Semester System):** 40% internal evaluation + 60% external exam through Dean's Office, results in grading system

**M Phil (Semester System):** 40% internal evaluation + 60% external exam through Dean's Office, results in grading system

**PhD Level (Semester System):** For first two semesters (40% internal evaluation + 60% external exam, results in grade sheet), biannual evaluation of research progress in the departments, Pre viva at Departments after submission of thesis, evaluation of thesis by three external examiners, Viva voce exam.

*Note: Internal exams for all levels are based on: Attendance / Assignment work / Oral test / Class test / Presentation / Class seminar / Project work/ Term exam etc*

### Research at IoST

Thirteen Central Departments located at Kirtipur are actually a model of Centre-of-excellence in the Tribhuvan University (see Figure 6). There are several research laboratories, high speed computing resources, supercomputer, and dedicated research faculties. IoST faculties grabbed about 60% grant (5 crore) from UGC as collaborative innovation grant for various research proposals and 58% policy research grant (about 6 crore) from Research Division, TU. In addition, IoST made 142 mutual collaborations with foreign institutions for the research and PhD work in

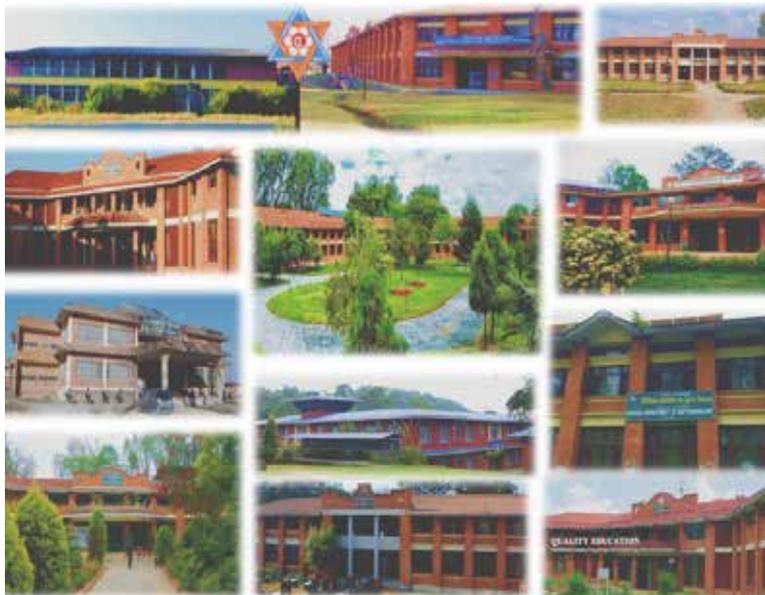


Figure 6 : Image of 13 central department of IoST, TU where M.Sc. & Ph.D. program is running

several ways. In the year 2021, 10 faculties received an amount of Rs. 9,70,000 each. UGC provided research grants to faculty appointed through research excellence based open competition under the Higher Education



Fig. 7 : Pi-chart showing the research grant awarded to IoST faculties for policy innovative & collaborative research

Reforms Project (HERP DLI-7B). The objectives of the project are systemic/institutional reforms; improving quality, relevance and efficiency of higher education; supporting underprivileged students for equitable access; and promoting research, innovation and academic excellence.

### Achievements

IoST has given high priority to collaborative exchange programs for strengthening capacity of the faculty, researcher, student and staff. For this purpose,

SN	Central Department of	webpage	Faculties (Full Time)	Staff	M.Sc. Student	Ph.D. Student
1	Biotechnology	<a href="https://www.biotech.tu.edu.np/">https://www.biotech.tu.edu.np/</a>	13	9	68	14
2	Botany	<a href="https://www.edbta.edu.np/">https://www.edbta.edu.np/</a>	19	15	97	62
3	Chemistry	<a href="https://edeta.edu.np/">https://edeta.edu.np/</a>	28	16	180	73
4	Computer Science & IT	<a href="https://edcit.edu.np/">https://edcit.edu.np/</a>	10	4	90	8
5	Environ. Science	<a href="https://www.edesa.edu.np/">https://www.edesa.edu.np/</a>	12	10	60	26
6	Food Technology	<a href="https://edftharan.edu.np/">https://edftharan.edu.np/</a>	2	1	52	4
7	Geology	<a href="https://edgta.edu.np/">https://edgta.edu.np/</a>	12	9	148	26
8	Hydro/Meten	<a href="https://www.edhmta.edu.np/">https://www.edhmta.edu.np/</a>	12	6	25	9
9	Mathematics	<a href="http://www.edmaths.edu.np/">http://www.edmaths.edu.np/</a>	16	6	151	35
10	Microbiology	<a href="https://microbta.edu.np/">https://microbta.edu.np/</a>	16	14	60	27
11	Physics	<a href="https://tadp.edu.np/">https://tadp.edu.np/</a>	19	13	240	88
12	Statistics	<a href="http://www.tacds.edu.np/">http://www.tacds.edu.np/</a>	11	5	110	13
13	Zoology	<a href="https://www.edzta.edu.np/">https://www.edzta.edu.np/</a>	17	15	120	31
Total			187	123	1401	416

Table 2 : webpage, number of faculties, students & staffs in the 13 central department of IoST, TU

involve in taking 11 Credit Hour course for their professional development. These courses include research in the content, pedagogy with ICT skill and research capacity development. IoST made plagiarism checking compulsory to both masters' and bachelors' research documents from this year.

### Publication

Institute of Science and Technology is a peer reviewed multidisciplinary science journal “Journal of Institute of Science and Technology (JIST)” biannually. In the year 1978 it began to publish with the name “Journal of Institute of Science (JIS)”. JIS has been transformed to the name “Journal of Institute of Science and Technology (JIST)” after the 7th volume published in 1984. From 1989 to 2001 the publication interrupted and from 2002 to 2012 it was published in every two years' interval. From 2013 onward it has been publishing two issues in a year. Initially it was only in the printed form and from the year

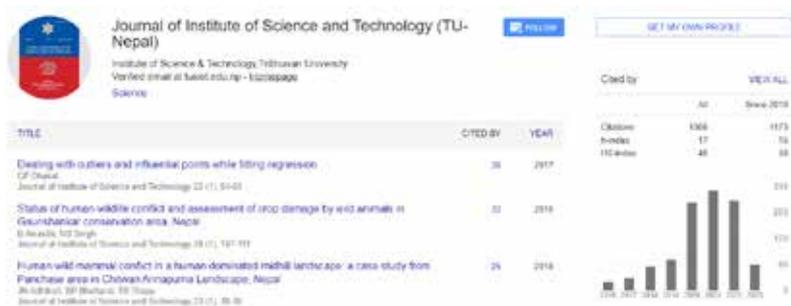


Fig. 8 : Google Scholar citation of JIST, Journal of IoST, TU (Retrieved on 2 May, 2023)

2017 it is available online only. This journal is indexed in Nepal Journals Online (NepJOL), which provides online publication. JIST obtained two stars. Its ISSN number is 2467-9240 and each article has got DOI number. Till date, it has published 27 volumes. IoST Journal articles are cited by more than 1300 authors in their articles (see Fig. 10). In the year 2020 (Covid pandemic year), JIST articles are cited 287 times by others. Since then, its citation has been increased significantly in the year 2021 and 2022. The current issue is Vol. 27, No. 2 (2022). Current issue can be found clicking <https://www.nepjol.info/index.php/jist/index>

### New Programs: Future Projections:

The Academic Council of Tribhuvan University has already approved some new degree/program/course to run within Institute of Science and technology. For the degree approved programs, Institute of Science and Technology has prepared the syllabus, for launching the new programs in coming days. The status of such programs is shown in Table 3. The future prospectus and projections of IoST are as follows:

- ❖ Deploying semester system to B.Sc. (applied science) program
- ❖ Establishing a common research laboratory for faculties and students
- ❖ Establishing standard testing laboratories in each province of the nation
- ❖ Expansion of IT related program to constituent and community colleges
- ❖ Establishing Incubation center for the innovation
- ❖ Controlling and regulating quality of academic program in all colleges
- ❖ Converting existing traditional program to the labor market relevant program as per UN's SDG goal.

Degree	Full Name	Status
M.Sc. Virology	M.Sc. Virology	Degree approved
M. Math Sc.	Master in Mathematical Sciences	Degree approved
M. CS	Master in Cyber Security	Degree + course structure approval procedure
M.Sc Material Science	MSc in Material Science	Degree + course structure approval procedure
MSc Biochem	MSc in Biochemistry	Degree + approved
B.Sc. (Applied Science)	B.Sc. in Applied Science	Under discussion with Subject Committee
B.Sc. (specific) (semester system)	Under discussion	Structure proposed to the Dean Office
BDS	Bachelor in Data Sci.	Degree & Course structure approved

Table 3 : List of new program to be launched in the coming year.

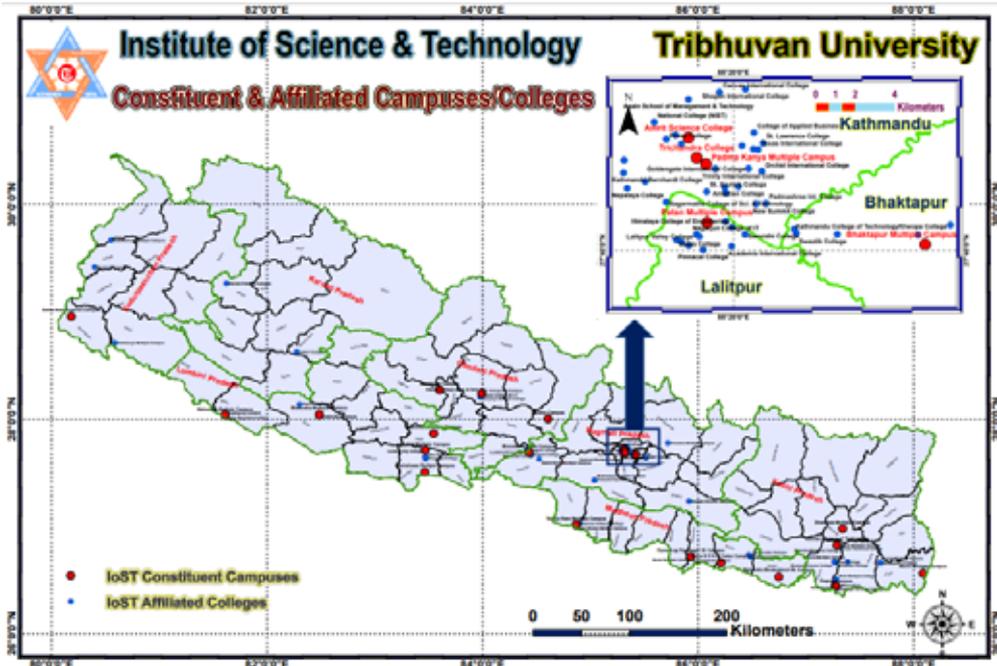
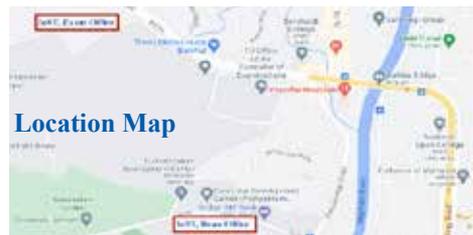
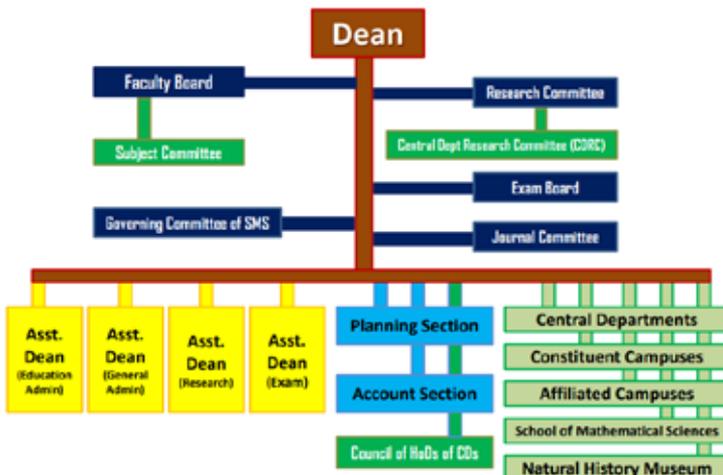


Fig. 9 : GIS map showing all 24 constituent & 90 affiliated colleges of IoST where Science & Technology program is running.

### Organizational Chart



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# Institute of Engineering

## Introduction

Institute of Engineering is one of the top and oldest technical Institutes of Nepal. It was founded in 1930. It is located in Pulchowk, Lalitpur. After the introduction of New Education System Plan in 1972 in the country, Institute of Engineering (IOE) was formed under Tribhuvan University and both the Nepal Engineering Institute and Technical Training Institute were brought under Institute of Engineering.

Institute of engineering began bachelor courses in engineering from 1978, master courses from 1996, doctoral program from 2003 and Post-doctoral program from 2018. By now, Bachelor's, Master's, Doctoral programs are run in different campus/colleges. Bachelor, Master and PhD programs are conducted in IOE Pulchowk Campus. Master's and Bachelor's courses are run in the Thapathali campus, Purwanchal campus, Paschimanchal campus and Chitwan Engineering campus. IOE is now delivering its services from five constituent campuses and ten affiliated colleges. IOE is going to establish two constituent campuses in Gorahi, Dang Lumbini Province and in Doti, Sudurpaschim Province.

## Main Objectives

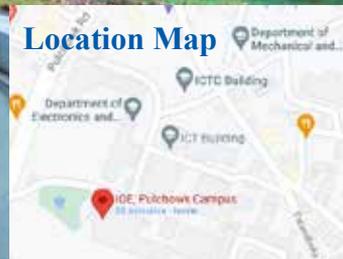
The main objectives of the Institute of Engineering are: to be a premier engineering education institution at par with world class role models and to provide



quality engineering education and research in the frontier engineering areas relevant primarily to nation.

### IOE Goals and Specific Objectives are as follows:

Goals	Objectives
Enhance Academic excellence	<ul style="list-style-type: none"> <li>○ Establishing market relevant academic programs,</li> <li>○ Emphasizing research works as an integral part of IOE</li> <li>○ Enhancing cooperation and collaboration of academia with industry from training programs</li> <li>○ Establishing effective and efficient Exam &amp; evaluation system</li> </ul>
Perform as Think-Tank	<ul style="list-style-type: none"> <li>○ Promoting advocacy on engineering policies</li> <li>○ Establishing leadership role in emerging engineering issues</li> <li>○ Addressing national development issues</li> </ul>
Establish Governance	<ul style="list-style-type: none"> <li>○ Setting up structural &amp; regulatory reforms</li> <li>○ Establishing effective management and leadership</li> <li>○ Capacity building of faculties and staffs</li> <li>○ Ensuring competent students and creating conducive study environment</li> <li>○ Establishing academic Infrastructures</li> </ul>
Ensure Financial sustainability	<ul style="list-style-type: none"> <li>○ Resource planning ( regulations for expense &amp; incentives distributions, performance based incentives)</li> <li>○ Fund management (identifying funds and its management)</li> </ul>
Establish Collaboration and cooperation	<ul style="list-style-type: none"> <li>○ Facilitating technology transfer</li> <li>○ National cooperation and collaboration</li> <li>○ Emphasizing international collaboration</li> </ul>



### IOE Goals and Specific Objectives

Based on main objectives, IOE have set following goals and specific objectives;

### Program and Courses Offered

The program and courses offered at the institute have the flexibility to evolve and change in response to new requirements. They serve the dual purpose of building a solid foundation of knowledge and of enhancing confidence, creativity and innovation in its students. Institute of Engineering is offering Ph.D. program, Master degree (graduate courses), Bachelor degrees (undergraduate courses) in different engineering disciplines in different campuses and colleges. Now IOE run Ph.D. program and Post-doctoral program in various disciplines, 35 master programs and 12 Bachelor degree programs. For detail please visit [www.ioe.edu.np](http://www.ioe.edu.np).

### Bachelor Programs at IOE

Following are the Bachelor level program running at

### IOE

1. Civil Engineering
2. Electrical Engineering
3. Electronics Engineering
4. Computer Engineering
5. Mechanical Engineering
6. Automobile Engineering
7. Geometrics Engineering
8. Industrial Engineering
9. Agriculture Engineering
10. Architecture
11. Aerospace Engineering
12. Chemical Engineering

### Master Level Program at IOE

1. Urban Planning
2. Energy for Sustainable Social Development
3. Energy Efficient Buildings
4. Transportation Engineering
5. Structural Engineering
6. Construction Management

7. Disaster Risk Management
8. Water Resources Engineering
9. Geo-technical Engineering
10. Environmental Engineering
11. Hydropower Engineering
12. Power System Engineering
13. Information & Communication Engineering
14. Computer System & Knowledge Engineering
15. Renewable Energy Engineering
16. Technology & Innovation Management
17. Energy System Planning & Management
18. Mechanical System Design and Engineering
19. Climate Change and Development
20. Material Science & Engineering
21. Electrical Engineering in Distributed Generation
22. Communication & Knowledge Engineering
23. Infrastructure Engineering and Management
24. Earthquake Engineering
25. Engineering in Mechanical Design and Manufacturing
26. Land and Water Engineering
27. Master in Architecture
28. Rock and Tunnel Engineering
29. Geospatial Engineering
30. Sanitation Engineering/Science
31. Information System Engineering
32. Distributed Generation Engineering
33. Informatics and Intelligent Engineering
34. Mechanical Engineering Design and Manufacturing
35. Power Electronics and Drives Engineering

### Ph D Program

Ph.D. Level courses are only offered at Pulchowk, Campus, Pulchowk. All together 46 candidates earned their PhD degree out of 158 enrolled Ph.D. candidates from IOE and 112 candidates are still doing their Ph.D. research.

### Structure

#### Constituent Campuses of IOE

IOE has following five constituent campuses at different parts of Nepal;

- Pulchowk Campus, Pulchowk, Lalitpur
- Thapathali Campus, Thapathali, Kathmandu
- Purwanchal Campus, Dharan, Sunsari
- Paschimanchal Campus, Lamachaur, Pokhara, Kaski

- Chitwan Engineering Campus, Rampur, Chitwan, Province No. 3, Nepal.

#### Proposed Constituent Campus of IOE

- IOE Ghorahi Campus, Ghorahi, Dang
- IOE Khaptad Campus, Doti

#### Affiliated Colleges of IOE

IOE has following 10 affiliated colleges:

- Advanced College of Engineering and Management, Kuponjol, Lalitpur
- Kantipur Engineering College, Dhapakhel, Lalitpur
- National College of Engineering, Talsikhel, Lalitpur
- Himalaya College of Engineering, Chyasal, Lalitpur
- Sagarmatha Engineering College, Sanepa, Lalitpur
- Lalitpur Engineering College, Chakupat, Lalitpur
- Kathford International College of Engineering and Management, Gwarkho, Lalitpur
- Kathmandu Engineering College, Kalimati, Kathmandu
- Kwopa College of Engineering, Liwali, Bhaktapur
- Janakpur Engineering College, Tathali, Bhaktapur.

#### Department at IOE

The department under five constituent campuses are:

- Civil Engineering
- Electrical Engineering
- Electronics and Computer Engineering
- Mechanical Engineering
- Architecture
- Applied Sciences and Chemical Engineering
- Agriculture Engineering
- Geomatics Engineering

#### Research Centers of IOE

- Centre for Energy Studies (CES)
- Centre for Applied Research and Development (CARD)
- Institute of Engineering Consultancy Services (IECS)
- Continuing Education Division (CED)
- Information and Communication Training Centre (ICTC)
- Centre of Pollution Studies (CPS)
- Centre for Disaster studies (CDS)
- Centre for Urban Studies (CUPS)
- Centre for Infrastructure Development Studies (CIDS)

- Curriculum and Instructional Material Development Unit (CIMDU)
- Center for Space Science and Geomatics Studies (CSSGS)
- Center for Water Resource Studies (CWRS)
- Center for Sustainable Agriculture Modernization Studies (CSAMA)
- Earthquake Research Center (ERC)

### Admission Policy

The main policy of IOE is to enroll qualified student by computer base entrance examination system.

### Selection Process

- After computer base entrance examination the Entrance Examination Board of IOE will publish the list of the successful candidates in the entrance examination notice board and via the website whereas the Admission Committee of Constituent campuses will take care of admission procedure.
- Candidate who has passed, the program entry requirements will be selected for the admission on the basis of merit list based on the score of the Entrance examination.
- Admission committees of respective Campuses will publish the list of admission as per its schedule. The candidates should contact the Campus Admission Committee. All the selected candidates should follow the schedule published by the committee. Vacant seats due to the failure of any candidate to enroll in the prescribed time will be filled by admitting candidates from the consequent next list.

### Evaluation System

The evaluation system of IOE is practical & theory. To evaluate the student's achievement IOE conduct assessment & semester examination.

### Significant Achievements at par with International Standard

Excellent performance of our products inside & abroad in different organization.

Proceeding-Institute of Engineering graduate Conference (IoE GC)- 9th , 10th & 11th

### Publications

- IOE Journal – an indexed journal published annually by IOE TUTA unit, available in website and widely circulated in the academic and professional sectors
- IOE News Bulletin being published monthly
- Different department in Pulchowk campus publishes annual publication in cooperation with students
- All other colleges (constituents and affiliated) publish annual publications containing research articles and other creations
- Built Environment and Associated Practices, MSESSD program, IOE.
- *Journal of Innovations in Engineering Education*

### Further Programs/Courses to Keep up with the Pace of the 21<sup>st</sup> Century

- Paradigm shift from college environment to research institution of all five campuses
- Reform in existing master programs
- Reform in existing bachelor programs
- Increment of Intake capacity & programs
- Introducing new market oriented courses
- Renovation, Repair and new construction of infrastructure
- Re-visit of full fee programs
- Re-visit of IOE royalty
- Good governance through UMIS

For more information:

- [www.ioe.edu.np](http://www.ioe.edu.np)
- IOE Bulletin: [ioe.edu.np/news-and-bulletin](http://ioe.edu.np/news-and-bulletin)

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## Research Activities

Sustainable Engineering Education Project (SEEP)	EnPe, Norway
CapSEM : Capacity Building in Sustainability and Environmental Management	Erasmus+, European Union
Curricula Development of Interdisciplinary Master Courses in Energy Efficient Building Design in Nepal and Bhutan / CIMCEB under Erasmus+ program	Erasmus+ KA2 - Cooperation for innovation and the exchange of good Practices Capacity Building in Higher Education
NORPART	NORPART, Norway
Letter of Agreement: To assess climate induced multi-hazard vulnerability and risk	IOE+ Developing Climate Resilient Livelihoods in the Vulnerable Watersheds in Nepal (DCRL) Project
Amendment 1 to the Letter of Agreement (To assess climate induced multi-hazard vulnerability and risk)	IOE+ Developing Climate Resilient Livelihoods in the Vulnerable Watersheds in Nepal (DCRL) Project
Connecting dots in daily climate data: Developing and applying gridded observed climate data to assess climate extremes, impacts on agriculture and adaptation strategies	IOE+ Research Directorate (RD), Research Coordination and Development Council (RCDC), Rector's Office, Tribhuvan University, Kirtipur, Kathmandu
Third party monitoring of effluent water quality at Guheshwori Treatment Plant	IOE+ Kathmandu Valley Water Supply Management Board (KVWSMB),
Soil erosion, reservoir sedimentation and slope stability assessment of Dhap Dam	IOE+ Project Implementation Irrigation Unit (PIIU), Department of Energy, Water Resources and Irrigation, Government of Nepal
Designing and implementing capacity building activities in Water-Energy-Food-Ecosystem (WEFE) Nexus	IOE+ Alliance of Biodiversity International & CIAT
Collaborative Research on Gravitational and Hydrological Disaster Studies	Water Resources Research and Development Center (WRRDC)

2016 - 2020	To develop capacity at Institute of Engineering in developing Masters program on 'Energy for Sustainable and Social Development' and through other research related activities on establishing center of excellence on broader theme of Clean Energy and associated entrepreneurship. (Under CARD)
2016 - 2019	To expand Sustainability and Environmental Management capacity at HEIs in Uganda, India and Nepal. (Under CARD)
15-10-2015 to 14-10-2018	Lund University (Sweden), University of Innsbruck (Austria), Tallinn University of Technology (Estonia), Tribhuvan University (Nepal), Kathmandu University (Nepal) and Royal University of Bhutan (Bhutan) (Under CES)
2019-2023	To exchange students and faculties of IOE, TU and NTNU Norway and develop PhD courses & Curriculum.
Dec 2021 – Nov 2022	
5th August – 31st November, 2022 AD (3 months)	
27th Asadh 2079 – 26th Poush, 2081 BS (2 years and 6 months)	
Bhadra 2079 – Bhadra 2080 (13 months)	
13th June 2022 – 12th April, 2022 (11 months)	
4th July – 31st December, 2022 (6 months)	
16th Feb. 2022-2027 (5 years)	



# Institute of Medicine (IOM)

## Establishment

Institute of Medicine (IOM) was established in 1972 A.D. under Tribhuvan University with the mandate and the responsibility of training all the categories of health-related human resources according to the need of the country. Within the first decade of its establishment, it extended into 22 campuses across the country. IOM was established with the following goals:

- To produce human resources required for health services and medical education
- To provide health services through its health institutions
- To conduct research in health sciences

Currently it has seven constituent campuses, one central department, 14 affiliated colleges and three tertiary level teaching hospitals.

## Vision

Produce all categories of health-related human resources to fulfill the need of the country.

## Mission

- To provide medical education.
- To provide quality healthcare services through its hospitals
- To provide all categories of health-related human

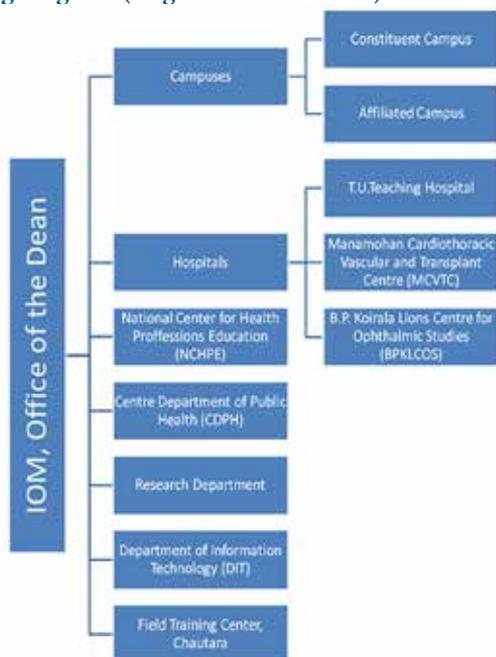
resources

- To conduct and participate in researches in the field of health sciences and medical education

## Goal

To achieve self sufficiency in the production of all categories of health-related human resources and quality health care services in Nepal.

## Organogram (Organizational Chart)



## Constituent Campuses

SN	Name of College	Address	Date of Establishment (B.S.)
1	Ayurved Campus	Kathmandu	2012
2	Maharajgunj Nursing Campus	Kathmandu	2022
3	Biratnagar Nursing Campus	Morang	2023
4	Nepalgunj Nursing Campus	Banke	2026
5	Maharajgunj Medical Campus	Kathmandu	2029
6	Birgunj Nursing Campus	Parsa	2032
7	Pokhara Nursing Campus	Kaski	2042

## Central Department

SN	Name of College	Address	Date of Establishment (B.S.)
1	Central Department of Public Health	Kathmandu	2075

## Affiliated Campuses

SN	Name of College	Address	Date of Establishment (B.S.)
1	Peoples Dental College & Hospital	Kathmandu	2055
2	Universal College of Medical Sciences	Rupandehi	2055
3	National Medical College	Parsa	2058
4	Janaki Medical College	Dhanusha	2060
5	M.B. Kedia Dental College & Hospital	Parsa	2063
6	Chitwan Medical College	Chitwan	2064
7	KIST Medical College	Lalitpur	2065
8	National College for Advance Learning	Kathmandu	2065
9	Sunsari Technical College	Sunsari	2065
10	Gandaki Medical College	Kaski	2067
11	Janamaitri Foundation of Health Sciences	Lalitpur	2067
12	Matrix College	Parsa	2067
13	Manmohan Memorial Institute of Health Sciences	Kathmandu	2068
14	Neplease Army Institute of Health Sciences	Kathmandu	2068

## Hospitals

SN	Name of Hospitals	Address
1	Tribhuvan University Teaching Hospital	Maharajgunj
2	BP Koirala Lions Center for Ophthalmic Studies	Maharajgunj
3	Manmohan Cardiothorasic Vascular and Transplant Center	Maharajgunj
4	Aayurved Hospital, Kirtipur	Kirtipur
5	Speciality and Diagnostic Center (upcoming)	Kirtipur

## Programs offered at IOM

### A) Bachelor's Level

SN	Programs	Duration (Years)
1	Bachelor in Dental Surgery (BDS)	4.5+1
2	Bachelor of Audiology and Speech Language Pathology (BASLP)	4
3	Bachelor of Medicine & Bachelor of Surgery (MBBS)	4.5+1
4	Bachelor of Optometry (B.Optom)	4
5	Bachelor of Perfusion Technology (B.Perfusion Tech)	4
6	Bachelor of Pharmacy (B.Pharm)	4
7	Bachelor of Science in Medical Imaging Technology (B.Sc.MIT)	4
8	Bachelor of Science in Medical Laboratory Technology (BSc.MLT)	4
9	Bachelor of Ayurvedic Medicine & Surgery (BAMS)	5.5
10	Bachelor of Science in Nursing (B.Sc. Nursing)	4
11	BNS (Adult Health Nursing)	3
12	BNS (Child Health Nursing)	3
13	BNS (Community Health Nursing)	3
14	BNS (Psychiatric Nursing)	3
15	Bachelor in Public Health (BPH)	4
16	Bachelor in Midwifery	4

### B) Post Graduate Level

SNo	Programs	Duration (Years)
1	MD Anaesthesiology	3
2	MD Biochemistry	3
3	MD Clinical Pharmacology	3
4	MD Clinical Physiology	3
5	MD Dermatology, Venereology & Leprology	3
6	MD Forensic Medicine	3
7	MD General Practice	3
8	MD Internal Medicine	3
9	MD Microbiology	3
10	MD Obstetrics & Gynaecology	3
11	MD Ophthalmology	3
12	MD Pathology	3
13	MD Pediatrics	3
14	MD Psychiatry	3
15	MD Radiodiagnosis	3
16	MD Kayachikitsa (Ayurveda)	3
17	MD Community Medicine	3
18	MD Emergency Medicine	3
19	MS Otorhinolaryngology (ENT)	3
20	MS General Surgery	3

21	MS Orthopaedics and Trauma Surgery	3
22	MS Clinical Anatomy	3
23	MDS Conservative Dentistry & Endodontics	3
24	MDS Oral & Maxillofacial Surgery	3
25	MDS Orthodontics and Dentofacial Orthopedics	3
26	MDS Pedodontics & Preventive Dentistry	3
27	MDS Periodontology & Oral Implantology	3
28	MDS Prosthodontics & Maxillofacial Prosthesis	3
29	MDS Oral Medicine & Radiology	3
30	MDS Community Health Dentistry	3
31	MSc Clinical Biochemistry	3
32	MSc Clinical Microbiology	3
33	MSc Medical Imaging Technology (MIT)	3
34	MN (Adult Nursing)	3
35	MN (Pediatric Nursing)	3
36	MN (Psychiatric Nursing)	3
37	MN (Women Health Development)	3
38	MN (Community Health Nursing)	3
39	MN (Critical Care Nursing)	3
40	Master of Public Health (MPH)	3
41	Master of Public Health Nutrition (MPHN)	3
42	Master of Health Promotion and Education (MHP&E)	3

### C) M. Phil Degree:

SNo	Programs	Duration (Years)
1	M Phil Clinical Psychology	3

### D) MCh Degree

SNo	Programs	Duration (Years)
1	Magister of Chirurgiae (MCh) in Cardiothoracic and Vascular Surgery	3
3	Magister of Chirurgiae (MCh) in Neurosurgery	3
2	Magister of Chirurgiae (MCh) in Plastic Surgery	3
4	Magister of Chirurgiae (MCh) in Surgical Gastroenterology	3
5	Magister of Chirurgiae (MCh) in Urology	3

### E) DM Degree

SNo	Programs	Duration (Years)
1	Doctorate of Medicine (DM) in Cardiology	3
3	Doctorate of Medicine (DM) in Critical Care Medicine	3
2	Doctorate of Medicine (DM) in Emergency Medicine	3
4	Doctorate of Medicine (DM) in Medical Gastroenterology	3
5	Doctorate of Medicine (DM) in Nephrology	3

6	Doctorate of Medicine (DM) in Neurology	3
7	Doctorate of Medicine (DM) in Endocrinology	3
8	Doctorate of Medicine (DM) in Pulmonology, Critical Care & Sleep Medicine	3

#### F) Ph.D. Degree

SNo	Programs	Duration (Years)
1	PhD in Microbiology	3
2	PhD in Nursing	3
3	PhD in Public Health	3

#### Admission Policy

Institute of Medicine admits the candidates under its various programs once Medical Education Commission (MEC) of Nepal sets a nomination list on merit basis, which is based on Common Entrance Examination conducted by MEC for the eligible candidates.

#### Maharajgunj Medical Campus, Maharajgunj, Kathmandu

Maharajgunj Medical Campus (MMC) at Maharajgunj, Kathmandu is one of the nine campuses of the Institute of Medicine (IOM). Since its upgradation to the status of a campus of IOM from the Auxiliary Health Worker's School in 1972, MMC has, during the span of just over four decades, played a significant role in conducting academic programs for the development of different categories of Human Resources for Health (HRH) in Nepal. Of the Sixty-three academic programs that the IOM runs to date, thirty-six are postgraduate and eleven undergraduate programs (about ninety percent of the educational activities of the IOM) are being conducted at MMC. It has endeavored to create competent and diverse Human Resources for Health (HRH), ranging from a Primary health Care worker to a Medical Specialist for rendering primary to tertiary health care in the country. MMC has indeed taken a long stride in the field of medical education in Nepal.

#### Maharajgunj Nursing Campus, Maharajgunj, Kathmandu

Maharajgunj Nursing Campus, is the oldest and the pioneer Nursing campus in Nepal which was started in 1956 AD (2013 BS) as a school of Nursing under the Directorate of Health Services, Ministry of Health. With the inception of the New Education System Plan in 1972 AD, the nursing academic program, came under the Tribhuvan University, Institute of Medicine. The school of Nursing was then named as Mahaboudha Nursing Campus since 2072 AD.

Her Royal Highness Princess Prekshya Rajya Laxmi Devi Shah graciously inaugurated this campus on Friday, 14 March 1986. T.U., Institute of Medicine, Maharajgunj Nursing Campus, jointly built by His Majesty's Government of Nepal and Government of Japan. Maharajgunj Nursing Campus (MNC) is situated in the premises of Institute of Medicine, Teaching Hospital, Maharajgunj, Kathmandu, Nepal.



During its 67 years of existence, it has increased its academic program from PCL to PhD, Bachelor of Nursing (BN) from 1976 AD, BN nursing program was changed to Bachelor of Nursing Science (BNS) from 2013 AD, Master of Nursing (MN) from 1995 AD, Generic Bachelor Nursing

(B.Sc.N) from 2005 AD and PhD. Program from 2012 AD. PCL nursing program has been phased out since 2015 AD. Currently, we have 370 students in different level of nursing academic programs.

There are various health and Nursing related books, Journals, Research report/ Theses/ Bibliographies and other government and non-government's documents, photocopy, printer, free internet with computer facilities, Medline, PubMed, HINARI access to enhance teaching and learning activities of the students and teachers in the campus library.

### **Birgunj Nursing Campus (BNC) Birta, Birgunj**

Birgunj Nursing Campus is located at Province No. II, Birgunj Metropolitan City, Birta -4. It was established in 2032 BS (1975 AD) with AHW, CMA (Community Medicine Auxiliary) program. In 2033 B.S, this program came under IOM as Birgunj Nursing Campus. During its 46 years of existence, Birgunj Nursing Campus has made a significant progress. It has expanded its academic program from CMA to Bachelor of Nursing Science and is looking forward to bring further higher education in Nursing Science. At present BNC is running two nursing education programs, i.e. 3 years Proficiency Certificate Level Nursing Program (PCL) with 45 students intake each year since 2043 B.S. and 3 years Bachelor in Nursing (BNS) with 25 students intake each year since 2068 B.S.

### **Pokhara Nursing Campus (PNC), Ramghat, Pokhara**

Tribhuvan University Institute of Medicine, Pokhara Campus, was established in 1985 in Pokhara, Ramghat-12 as an educational institute to educate young Nepalese women and men entering the field of nursing. Pokhara Campus since its inception has grown into an independent institution of higher



education and is constituent campus under the Tribhuvan University, Institute of Medicine (TU, IOM).

### **Nepalgunj Nursing Campus (NNC), Nepalgunj**

Nepalgunj Nursing Campus was establishment in 2026 BS, Nepalgunj sub-metropolitan city, ward no -10, near Bheri Zonal Hospital, NNC was establish to prepare quality human resources in nursing through quality education and also to serve people of Nepal by Educating qualified Nepali men and women as professional nurses. Influencing in health care in Nepal by providing conceptual and problem solving skilled compassionate nurses who demonstrate quality nursing care wherever they discharge their service. Currently 3 years PCL Nursing and 3 years Bachelor of Nursing Science program are running.

### **Ayurved Campus and Ayurveda Hospital, Kirtipur**

This campus conducts BAMS (Bachelor Level in Ayurvedic Medicine) and MD Ayurved (KayaChikitsa) in its building at Kirtipur. Fifty beds Ayurved Teaching Hospital has been brought into operation within the TU premises. This campus is running as an autonomous body under the University since 2012.

### **Central Department of Public Health**

Tribhuvan University, Institute of Medicine started undergraduate education in Public Health in 1986 and postgraduate education in 1991 for the first time in Nepal. Until 2018, the public health programs at bachelor and master level were conducted by the Maharajgunj Medical Campus. Further realizing the necessity of providing excellency in public health education in the country and need for expanding and upgrading the public health academic infrastructure, Central Department of Public Health (CDPH) was established in August 2018 with the decision of TU executive council. CDPH is the autonomous entity of public health education under the aegis of Tribhuvan University (TU), Institute of Medicine (IOM). With the establishment of CDPH, the students' admission and teaching-learning arrangement of Bachelor of public Health (BPH), Master of Public Health (MPH), Master in Health Promotion and Education (MHPE) and Master in Public Health Nutrition (MPHN) and PhD in

Public Health are implemented by the CDPH. The CDPH is planning to introduce new programs in public health discipline as per the need of the country.

## Hospitals

### TU Teaching Hospital, Maharajgunj

In addition to the various academic programs, the Institute of Medicine is running the most advanced tertiary health care facility, the Tribhuvan University Teaching Hospital (TUTH) in Maharajgunj. This hospital has 745 beds including Intensive Care Unit and neurological units. In the new Emergency building within the premises of the hospital, 90 beds Ambulatory Unit including emergency services has also been started. This emergency building has all the facilities related to emergency and mass casualty care to the patients. Suresh Wagle Memorial Cancer Centre is under construction



T.U. Teaching Hospital was established in 1982 with the generous support of the government of Japan. The establishment of the hospital was a landmark in the evolution of medical education in Nepal. Since its establishment, it has been playing an important role in the field of medical education and health services in Nepal. It has contributed significantly and is a pioneer institution for the production of quality human resources in all categories of health sector and specialties to fulfill the need of the nation. The human resources produced by this institution are servicing nationally and globally and some are in leadership position.

TUTH is a premier tertiary care hospital in Nepal. It has also been a pioneer in sub and super-specialty services. During these years it has catered to the people

from all parts, classes and sectors. It has been strongly standing by and supporting the country at the time national weeds was it in 2015 a massive earthquake.

It is working as one of the hub hospitals in Nepal for COVID-19 worldwide pandemic. It has been tirelessly proving an efficient care to the patients. It has provided treatment to more than 1600 infected patients till date. It tends to provide even better and efficient healthcare, medical education and research activities in coming years.

This hospital was commenced as a general hospital with 301 beds in the beginning. Now it is functioning with the capacity of more than 700 beds including 11 beds of modern and advanced Intensive Care Units (ICU). Kidney transplantation service was started from August 2008. It has already transplanted to 650 persons till date. The transplant team of TUTH successfully accomplished the second living donor kidney transplantation for the Prime Minister Rt. Honorable Mr. KP Sharma Oli on 4th March 2020. Furthermore, liver transplantation was started from 17 Jestha, 2076. Four cases of liver transplantation surgery have been successfully accomplished till date. There are separate physical infrastructures for ENT, Orthopedics, Birthing Center and Pediatrics Departments. Suresh Wagle Cancer Center, a long-time awaited project is ready for hand over. The separate block for Extended Hospital Services (EHS) supported by Bhatbhateni Super Store Pvt. Ltd. is at the end of construction. Furthermore, a liquid oxygen tank with the capacity of 20 kiloliters/minute has been installed recently in the hospital premises.

### Manmohan Cardiothoracic Vascular and Transplant Centre (MCVTC)

MCVTC is a tertiary center providing services to all patients with cardiac, thoracic and vascular diseases. As an independent component of the



TU Institute of Medicine, the center is also a hub for academic and research activities for various program of the university. From training the undergraduates to specialists to super specialists, among others, MCVTC is contributing immensely to the production of duly qualified healthcare resources for the country.

The center is equipped with high-level resources –infrastructure as well as human resources, to materialize its clinical and academic capabilities.

### **B.P. Koirala Lions Centre for Ophthalmic Studies**



In addition to the campuses and the TU Teaching Hospital, IoM runs B.P. Koirala Lions Centre for Ophthalmic Studies. The centre offers the most advanced eye care services in the country. Besides supporting and training the undergraduate and post graduate students of IoM, it also conducts B. Optom course in the Centre. It is in the forefront of research in eye health.

### **National Center for Health Professions Education (NCHPE)**

National Centre for Health Professions Education (NCHPE) is a national level organization under Tribhuvan University Institute of Medicine committed to improve the health of the country ensuring quality health professions education by educating teachers in Nepal. Although it was officially upgraded to this from in 2009 (2066 BS), it has its long history of continued and consistent efforts to support its activities.

An “Education Support Unit” was established in Institute of Medicine (IOM) in 1986 to impart teacher’s training to its faculty members in innovations in

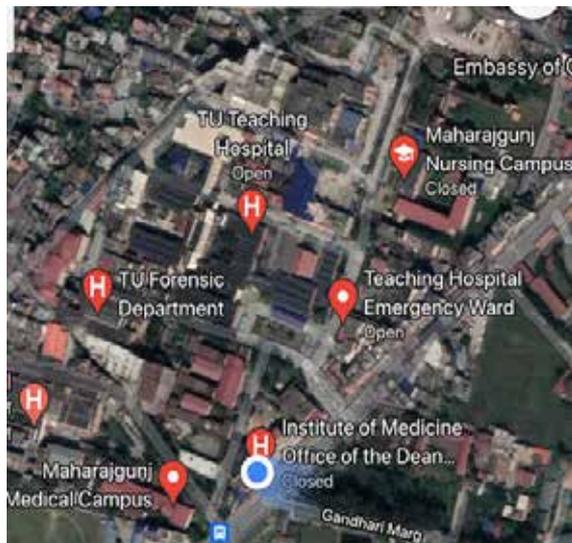
medical education. It was later renamed as Education Support Center and it was realized that it should form an integral and permanent part of the Institute of Medicine with functional autonomy.

### **Research Department, IOM**

The Research Department of IOM was established in B.S. 2064. Work Plan of the department was approved by executive body of IOM under research committee. This department is currently located at the 4<sup>th</sup> floor of BP Koirala Center for Ophthalmic Studies, Maharajgunj. Some of the activities conducted by the department are as follows:

- Promoting research
- Liaoning with Institutional Review Board (IRB) for review of research proposals
- Publication of *Journal of Institute of Medicine* (JIOM)

### **Location Map**



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# Institute of Forestry



## Introduction

The Institute of Forestry (IOF) under the Tribhuvan University (TU) is a pioneer institute in Nepal providing professional level training and producing human resources in forestry and natural resources management in integrated form. IOF is always in the forefront to offer quality education and produce competent human resources, so it periodically revises curriculum/syllabus and extends its research site and academic centre as per changing context. IOF is the oldest and most distinguished institution in the Himalayan country Nepal and has output oriented academic history in the sector of natural resource management.

Initially, it started as Nepal Forestry Institute at Singh Durbar in Kathmandu in 2004 BS, (1947 AD). It was shifted to Suping (Bhimphedi), Makwanpur, in 1957-58. The Institute was moved to Hetauda in 1965 with better facilities developed under technical and financial assistance received from the Government of India. The Institute was run by the Department of Forests, His Majesty the Government of Nepal until July 1972. It then became a part of the TU, the first and the biggest university in the country. After its incorporation into the TU, the institute was named as Institute of Forestry (IOF). Since then, IOF is an output oriented technical institutes of the TU, besides Institute of Medicine, Institute of Engineering, Institute of Agriculture and Animal Science and Institute of Science and

## Technology.

Until late 1970s, the IOF trained only sub-professional or technical grade forestry work forces (Rangers etc.). The Institute offered only a two-year Certificate Level course in Forestry at Hetauda until 1981. Thereafter, in order to meet the demand for trained natural resource managers in Nepal, it launched two academic programs at newly established Pokhara Campus in 1981: a two-year Technical Certificate in Forestry (TCF), which is now phased out, and a three-year Bachelor of Science in Forestry (B.Sc. F.), which evolved into a four-year program in 1995. The IOF started offering Master of Science in 2001 and PhD programs in Forestry in 2004. Currently, IOF is implementing academic programmes i.e., Bachelor of Science in Forestry, Master in Science in Forestry/Natural Resource Management and Rural Development (NRM/RD)/Watershed Management (WM) / Community Forestry (CF)/Wildlife Management and Biodiversity Conservation (WMBC), Mountain Environment and Development studies (MEDS) and PhD in Forestry, NRM, Wildlife Management and Watershed Management. The Master degree is a two years program with three semester's course work plus fourth semester for research. The PhD is a three-year research-based program and is open for all those interested in any field related to Forestry and allied subjects. IOF is planning to launch three more master degree programs in different disciplines.

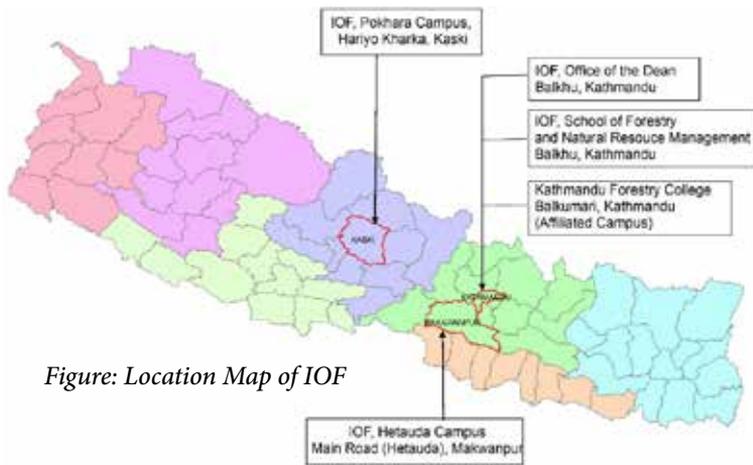


Figure: Location Map of IOF

## Goals and Objectives

IOF has vision to establish as Centre for Excellence in forestry and natural resource management education. Long term goal of IOF highlighted need for interdisciplinary higher education program for national and international students. The IOF is committed to producing competent and efficient human resources that can conserve natural resources ingeniously and manage them properly. With the help of its enthusiastic and well-informed teaching faculty and spirited staff, it has always endeavored to ameliorate its academic environment and administer well designed educational programs that can address the current needs and interest of civil society in the country in forestry and allied fields. It is intended to satisfying student's quest for knowledge and pragmatic skills that will make all the difference in their professional career. In addition, the IOF encourages and prioritizes research and extension activities that can address the practical problems of farmers and communities at large and carries out problem solving type of forestry researches and develop technologies for use in the Nepalese context. Internationalization has always remained a priority at the IOF through various levels of research collaboration and starting double degree program committed to offer quality education. The specific objectives of IOF as follows to:

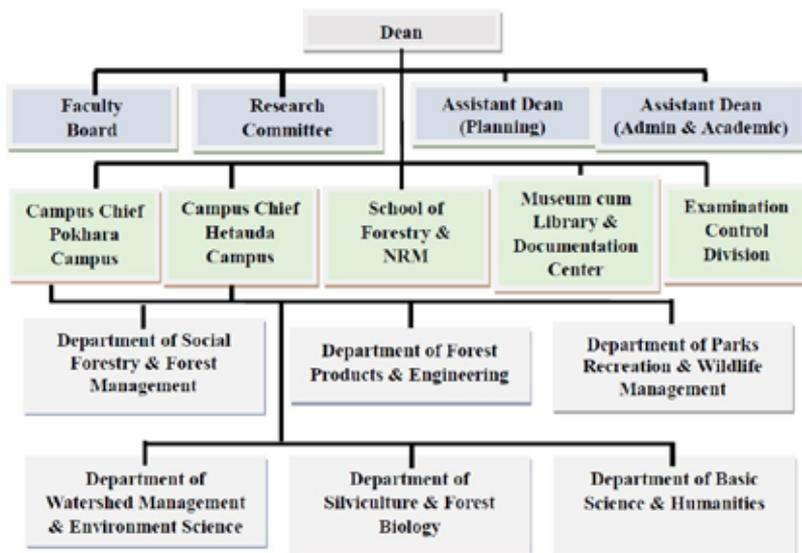
- Design and implement educational programs that can address the need and interest of the country in the area of forestry and allied fields;

- Prepare competent and practically oriented professional foresters and efficient managers in the area of natural resource management;

- Develop academic environment by encouraging faculty members and students in their professional and career development activities;

- Encourage research activities that can address the practical problems of farmers and communities at large; and
- Develop IOF as the Center for Excellence in forestry and natural resource management education.

## Organizational Chart



## Academic Programs and Courses Offered Doctor of Philosophy (PhD) and Post Docs Program

IOF has been offering PhD programs in the five key areas with minimum 3 years enrollment in the field of;

- Forestry
- Wildlife Conservation
- Watershed Management
- Community Forestry
- Natural Resource Management and Rural Development and
- Wildlife Management and Biodiversity Conservation

Further, it has been offering post-doctoral program in the relevant field in collaboration with international institutions.

### Master's Degree Program

IOF has been offering six master's programs through its two constituent campuses, one school and one affiliated college. The key areas of study programs are:

- Forestry
- Natural Resources Management and Rural Development (NRM and RD)
- Watershed Management (WM)
- Wildlife Management and Biodiversity Conservation (WM&BC)
- Mountain Environment and Development Studies (MEDS)
- Community Forestry (CF)

### Bachelor's program

In order to meet the growing demands for trained natural resource managers in the country, it started a three-year Bachelor of Science in Forestry (B.Sc Forestry) in 1981. In 1995, the three years B.Sc. Forestry program was modified into a four-year program under a semester system. In Since 2020,

IOF has started internship program for the BSc Forestry 8<sup>th</sup> semester students with funding support from the government of Nepal.

The IOF offers courses pertinent to various disciplines of forestry and NRM. The current course curriculum entails basic science and forestry courses like Wood Chemistry, Geo-Physics, Forest Botany and Genetics, Forest Zoology and Mammalogy, Communication and Technical English, Economics, Geology for

Forestry, Forest Statistics and Forestry courses offer with emphasis on Silviculture, Forest Mensuration, Forest Law and Policy, Tree Physiology, GIS, Forest Management, Community Forestry, Agroforestry, Eco-tourism, Park and Recreation Management, Environmental Science, Wildlife, Protected Area Management, Forest Products Utilization, NTFPs, Bioenergy, Alternative Energy, Wood Science and Technology, Forest Harvesting and Logging, Soil Conservation and Watershed Management, Mountain Environment and Development Studies, Silviculture, Forest Protection, Tree Physiology, Forest Mensuration, REED Forestry and Climate Change etc. Teaching and Research at the IOF preserve and enrich creative traditions through well designed educational programs. These programs address the current forestry related needs and interests of civil society in Nepal and endeavor to meet the aspirations of PhD, graduate and undergraduate students, providing them with infinite opportunities to make a difference.

The Kathmandu Forestry College (KAFCOL) is a private affiliated Campus of IOF, TU. KAFCOL is located in Koteswor, Kathmandu. The College has been running 4 years B.Sc. Forestry program since its establishment in 2005 and started a 2 years M.Sc. Program in Natural Resources Management and Rural Development (NRM-RD) from 2015 both in affiliation with IOF/TU.

### Admission Policy and Evaluation System

Interested and eligible candidates can apply for admission to the BSc, MSc and PhD degree program of study by filling out the prescribed application forms along with the documents and credentials as mentioned in the IOF [website www.iof.edu.np](http://www.iof.edu.np). Applicants for BSc and MSc program are required to pay an entrance examination fee with the application. The completed application along with the documents and credentials should reach the Admission Committee within the specified time electronically through the internet. Candidates will be selected on the basis of their merit acquired in their last degree and entrance examination. Provisions are made for normal fee, capitation fee and high tuition fee paying students. Special quota systems are allocated for Female, Dalit, Muslim, Remote, Madhesi and Janajati/Aadibasi students and designated class of

the government. For admission in a PhD program students can submit an application together with a first draft research concept note anytime of the year clearly specifying the subject committee. The IOF Research Committee meets twice annually, first in the month of January and the next in the month of July every year, for making decisions on accepting students for admission and review progress.

The evaluation of both the BSc and MSc is under a credit-based semester system. Each subject is assigned certain credits. One credit unit, earned in 20 lecture hours or its equivalent work, carries 25 full marks. One lecture hour may normally require an hour lecture, three to five hours of laboratory work or its equivalent of field practical work. A B.Sc student will earn a total 125 credits and M.Sc student will earn a total of 60 credits. The final semester in B.Sc and M.Sc are fully dedicated to research. The mode of evaluation of the students is based on combination of methods where strong emphasis is laid on internal assessment, term paper, excursion, field exercise and final paper-based examination in each semester. Further, the students are required to make their written and oral presentation and defend their thesis work.

### Faculties, staffs and students

No. of Teaching Staff										
SN	Designation	Pokhara Campus			Hetauda Campus			School of Forestry and NRM		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	Professor	6	0	6	0	2	2	2	0	2
2	Associate Professor	8	2	10	16	2	18	2	1	3
3	Assistant Professor	17	9	26	19	0	19	0	0	0
4	Teaching Assistant	0	0	0	0	0	0	0	0	0
5	Assistant Instructor	1	0	1	0	0	0	0	0	0
	<b>Total</b>	<b>32</b>	<b>11</b>	<b>43</b>	<b>35</b>	<b>4</b>	<b>39</b>	<b>4</b>	<b>1</b>	<b>5</b>

No. of Officials and Staffs at Dean Office		
SN	Designation	No.
1	Dean	1
2	Assistant Dean	2
3	Staff	19
	<b>Total</b>	<b>22</b>

No. of Non-Teaching Staff											
SN	Designation	Pokhara Campus			Hetauda Campus			School of Forestry and NRM			Total Staffs
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Total Staffs	35	6	41	17	4	21	2	0	2	<b>64</b>

No of Students														
SN	Level	Pokhara Campus			Hetauda Campus			School of Forestry and NRM			Dean Office			Total Students
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	Bachelor	211	174	385	267	117	384	0	0	0	-	-	-	<b>769</b>
2	Masters	58	37	95	42	13	55	21	23	44	-	-	-	<b>194</b>
3	Ph.D.	-	-	-	-	-	-	-	-	-	15	1	16	<b>16</b>
	<b>Total</b>	<b>269</b>	<b>211</b>	<b>480</b>	<b>309</b>	<b>130</b>	<b>439</b>	<b>21</b>	<b>23</b>	<b>44</b>	<b>15</b>	<b>1</b>	<b>16</b>	<b>979</b>

## B.Sc Forestry Program Seats are available according to Government of Nepal quota system

General and general inclusion seats	Constituent campus seats		General capitation and inclusion capitation Seats		
	Pokhara	Hetauda	Pokhara	Hetauda	Affiliated Campus KAFCOL
General	27	19	31	28	45 capitations 5 GoN
Female	2	1	2	2	
Addibashi/ Janjati	1	1	1	2	
Madhesi	1	1	1	1	
Dalit	1	1	1	1	
Muslim	1	1	1	1	
Tharu	1	1	1	1	
Staff	1	1	1	1	
Department seats	Nil	Nil	4	5	
<b>Total</b>	<b>36</b>	<b>27</b>	<b>44</b>	<b>53</b>	<b>50</b>
<b>Gran total</b>		<b>210 (Two hundred and ten)</b>			

## MSc Program in different discipline

Stream I	Seat Category	Seat allocations			
		School of Forest Natural Resource Management	Pokhara Campus	Hetauda Campus	KAFCOL
<b>MSc in Forestry</b>	General		12	12	
	High tuition fee Nepalese / Foreign		7	8	
	High tuition fee Dept./ Project		4	5	
	International		2		
	<b>Sub Total</b>		<b>25</b>	<b>25</b>	
<b>MSc in Wildlife Management and Biodiversity Conservation</b>	General	8			
	High tuition fee Nepalese/ Foreign	5			
	High tuition fee Dept./ Project	5			
	International	2			
	<b>Sub Total</b>	<b>20</b>			

<b>MSc in Community Forestry</b>	General		8		
	High tuition fee Nepalese/ Foreign		4		
	High tuition fee Dept./ Project		2		
	International		1		
	<b>Sub Total</b>		<b>15</b>		
<b>MSc in Watershed Management</b>	General		8		
	High tuition fee Nepalese/ Foreign		4		
	High tuition fee Dept./ Project		2		
	International		1		
	<b>Sub Total</b>		<b>15</b>		
<b>MSc in Natural Resource Management &amp; Rural Development</b>	General		8		
	High tuition fee Nepalese/ Foreign		4		<b>20</b>
	High tuition fee Dept./ Project		2		
	International		1		
	<b>Sub Total</b>		<b>15</b>		<b>20</b>
<b>MSc in Mountain Environment &amp; Development Studies</b>	General	8			
	High tuition fee Nepalese/ Foreign	6			
	High tuition fee Dept./ Project	3			
	International	3			
<b>Sub total</b>		<b>20</b>			
<b>Total</b>		<b>40</b>	<b>70</b>	<b>25</b>	<b>20</b>
<b>Grand total</b>	<b>155 (In words One hundred and fifty-five only)</b>				

## Collaboration

IOF has also showed strong ability to collaborate with local, national, regional and international agencies to gain meaningful outputs. So far, it has collaborated with World Bank (WB) and International Development Agency (IDA), United States Agencies for International Development (USAID), International Tropical Timber Organization (ITTO), the Government of India, NORAGRIC of the Agricultural University of Norway (AUN) in implementing Master of Science in Management of Natural Resources and Sustainable Agriculture (M.Sc. in MNRSA), DANIDA for launching a decade long Community Based Forestry research project namely ComForM and currently SCIFOR project, NORAD for the capacity enhancement NORHED project, BIOME Project and others. Institute has also conducted researches and exposure program in the collaboration with DFRS, DNPWC, DOE, WWF, NTNC, CARE Nepal, FECOFUN, DoFSC, President Chure-Terai, Forest Action Nepal, Japan Chiba and Tokyo University, TU, APN, Japan, SANDEE/ICIMOD

Australian Volunteer's International, UNDP/DCRL, UGC, and other concerned stakeholders. In addition, The University of Tokyo, Southern Cross University, The University of North Carolina and GLOFOR are students and faculties exchange program undergoing.

### Research Activities: Past and Current Research Projects

A number of research projects of short- and long-term duration have been in operation at the IOF since the inception of the undergraduate program in early 1980s. The projects that have phased out since the early 1990s until the recent past are namely the Infrastructure and Institutional Capacity Building of Institute of Forestry Project (IOFP) funded by USAID 1982-1995; Training and Manpower Development in Community Forestry Management funded by International Tropical Timber Organization (ITTO), Japan 1994-2000; Conservation Leaders Memorial Centre of Excellence funded by Higher Education for Development, USAID 2008-2013; Sustainable Management of Natural Resources in Himalayan Watersheds funded by Norwegian Universities Fund (NUFU), NORAD 2007-2012; Enhancing Livelihood and Food Security from Agroforestry and Community Forestry funded by Australian Centre for International Agricultural Research (ACIAR) 2013-2017; Community Based Forest Management in the Himalaya (ComForM Project) funded by the Danish Ministry of Foreign Affairs/DANIDA 2003-2014. Currently, completed long term research projects are NORHED, SCIFOR, Springshed, Biome Health Project.

### Research Project 1: Education and research in higher education: "Sustainable natural resource management for climate change adaptation in the Himalayan region: A collaborative project among Norway, Nepal, Pakistan and Bhutan"

**Project goals and objectives:** To strengthen higher education and research capacity related to climate change, natural resource management and environment enhanced in a coordinated network of 4 universities in South Asia. It is an academic-cum-research capacity building and institutional strengthening project aimed at both North-South and South-South collaboration and exchange. The project was initially a 5-year collaborative research and learning project among 5 institutions in 4 countries with capacity development objectives of the partner institutions. **Major activities:** The project has 4 main components: Masters level Education (develop new courses and course programs as well as update existing programs); PhD degree work (enroll 2 candidates each from among the faculty members at the South partner institutions at KU or IOF, TU); Post-doctoral research (provide post-doctoral fellowships to 3-4 candidates from the South partner institutions); and, Training/upgrading of administrative and technical staff (finance, library, ICT, and laboratory training). NORHED-IOF project has provided scholarship for 3 PhD candidates and partial scholarship and Research grant for 40 Masters Students at IOF. **Project duration, funding and collaborators:** Project start date January 1, 2014 - extended till December 31, 2020. The NORAD

provided funding through the NORHED support for the implementation of the project. The project collaborators are the Norwegian University of Life Sciences, Aas, Norway; Kathmandu University (main partner in the South), Institute of Forestry, TU, Nepal; Karakoram International University, Gilgit, Pakistan; and, College of Natural Resources, Royal University of Bhutan.

### Research Project 2: Science and Power in Participatory Forestry (SCIFOR)

**Project Goals and Objectives:** To promote participatory forestry planning and management approaches that support equitable, environmentally sound, and economically rational forest management. Specific research objectives of SCIFOR are to understand:

The justifications and functions of scientific forest management planning and the values attributed to it, from the perspective of the forest bureaucracy and local communities.

The role of scientific forest management planning in forest communities' forest management, planning practices and people's participation.

**Major Activities:** Awarded 4 PhD degrees (2 at IOF, Nepal and 2 at SUA, Tanzania); short term research grants; develop and implement teaching curricula in adaptive forest management planning; develop practical guidelines on adaptive participatory forest management planning; disseminate project results (Nepal and Tanzania). Publications in international journals, policy briefs and curriculum development. Both the students have successfully defended their PhD thesis and the degree was awarded in 2020.

**Project Duration, funding and collaborators:** Project starts date January 01, 2014 – end date Dec 31, 2019. The Danish Consultative Research Committee on Development Research (DANIDA) provided the funds 2.2 million DKK. The project collaborators are: Sokoine University of Agriculture, Tanzania; IOF, Tribhuvan University, Nepal; Aarhus University, Denmark; IFRO, University of Copenhagen, Denmark.

### **Research Project 3. Spring shed Management Research Project: Water sources assessment in Pokhara Valley Lakes and recharge study**

**Project Goals and Objectives:** To develop a baseline for reviving spring sources in the watersheds of lake cluster of Pokhara Valley. The project is designed for conducting spring assessments and interventions works to improve the recharging capacity of selected Springshed with active involvement of community in the watersheds of Lake Cluster of Pokhara Valley.

**Major Activities:** The major activities under the project involve.

- Spring Survey for spring mapping
- Create baseline information related to springs
- Isotope analysis to identify the recharge zone for two selected critical spring sources
- Spring revival measures on selected critical springshed

The program is implemented in Chitwan-Annapurna Landscape and Terai Arc Landscape with the goal to increase ecological and community resilience. As such this project is implemented by IOF for spring source mapping of LCPV areas and conduct revival measures in two selected critical springshed. A PhD student enrolled at the IOF is associated with the project. The project team is working towards achievement of the objectives.

**Project duration, funding and collaborators:** April 2018 till April 2019 extended until 2020end. The Hariyo Ban II Program funded by USAID and implemented by WWF, CARE, NTNC and FECOFUN with WWF as the lead where IOF is associated for the spring shed research component.

### **Research Project 4: Biome Health Project (BHP): Investigating the response of wildlife to differing levels of fragmentation and forest management regimes in Nepal**

**Project Goals and Objectives:** To provide novel insights into the responses of mammals to different levels of deforestation, fragmentation and forest management regimes. The project develops a field-based study system that provides new evidences on how biodiversity responds to human pressures and how conservation interventions can be utilized to reduce the impacts of these pressures. The results of this research project are relevant for conservation policy, forest management action plans, and mitigation of human-wildlife conflict. In addition, it is envisaged to establish a long-term multiyear periodic monitoring program to ensure the conservation of wildlife communities and sustainable use of natural resources.

**Major Activities:** Species are not expected to respond equally to forest degradation. Permanent grids of 2 km x 2 km are identified at the 4 different disturbance level sites in different management areas: in the national park, in the buffer zone (BZ community forests and private lands), outside the buffer zone (protected forests, collaborative forests and private lands) and in the Khata biological corridor in the Terai Arc Landscape. To

monitor the response of wildlife across different levels of deforestation, camera traps ?? and acoustic sensors (which can also monitor anthropogenic activity) is installed for a fixed period of time (Feb-May) at each site. This is done to estimate the occupancy and density of taxonomic groups between sites, and by conducting study over multiple years, investigate how this change over time to response to changes in the pressure / conservation interventions.

**Project Duration, Funding and Collaborators:** Project start date January 2018– end date December 2020 and extended for another year. The funding for the project is from the WWF-UK initially for 3 years which has been extended with inclusion of a PhD study. A PhD student is enrolled at the IOF (faculty member) and a number of BSc and MSc level students have been involved in this research. The collaborators are primarily the Centre for Biodiversity and Environment Research (CBER), University College London, Institute of Forestry, National Trust for Nature Conservation and WWF Nepal.

### Other Ongoing Small Research Projects

1. **Faculty strategic collaborative research:** Faculty strategic research grants have been awarded in 2019 to the faculty members of four Subject Committees jointly from Pokhara Campus and Hetauda Campus also integrating IOF students in field work. The funding for the projects was made available from the IOF NORHED project and the IOF SCIFOR project for a period of one year. The titles of the research projects are as following:

- CF and governance
- NTFP distribution in ecological zone
- Wildlife and biodiversity mapping
- Forest pest and disease
- Forest Management
- Restoration strategy
- Curriculum development
- Hazard assessment [flood and landslide]
- Water stress
- Chure management plan preparation
- Invasive species impact assessment

2. **Japanese research collaboration project:**

The research project is entitled “Medium- and Long-term Impacts of Natural Hazard on Human Welfare: A Case of the 2015 Earthquake in Nepal”. The main purpose of this research project is to explore the long-run impacts of the 2015 earthquake (EQ) on household’s and individual’s welfare. Project duration January 2020 to February 2022. Funding from the Government of Japan for supporting multiple young researchers from Japan and Nepal.

3. **Rastrapati Chure supported project:**

The President Chure-Terai Madhesh Conservation Development Board (PCTMCPD) Government of Nepal, Kathmandu, has earmarked annual funds for the establishment and functioning of a Chure Knowledge Centre (CKC- Chure Gyan Kendra) at the IOF’s Museum Complex located in the Hetauda Campus, Makwanpur, Hetauda. The CKC is in the process of developing display models of river system management including collection and display of different artifacts and practices adopted by the



PCTMCDP. The DPR of the CKC was founded in 2020 (FY 2076/77) and the project establishment work has started from 2021 (FY 2077/78).

### **Field Research Lab**

The IOF maintains its long term biophysical and socio-economic research station in the four physiographic locations of the country as shown in the figure below. The field research and outreach/extension stations are basically distributed in the Narayani Basin in the West and Central Region of the country in the Districts of Mustang, Gorkha, Kaski and Chitwan. A total of 330 dynamic permanent sample plots (PSPs) of 25m x 20m dimension have been established in these locations where basic tree characteristics such as diameter at breast height (DBH) and height have been recorded periodically at an interval of 3-5 years since 2005. Similarly, in these four locations a total of 836 households as the main users that are next to these community managed forests are periodically monitored since 2005 at the same interval like the PSPs following the CIFOR's PEN prototype questionnaire. A number of IOF faculty and international students had used and have been actively using these research sites for carrying out research in connection to their post-doctoral, doctoral and masters level studies.

### **Publications and Outreach**

Numerous papers are being published by the faculties and students regularly in national and international journals. Beside that IOF regularly published two journals regularly 1) Forestry 2) Journal of Forest and Natural Resource Management (JFNRM) which are available on Nepal Journals Online [NepJOL]. In addition, coordinated by student's annual student journals are published by students as dissemination materials. The IOF also hosts annual scientific stakeholder forum meetings and periodically organizes national and international seminars which are also documented as dissemination materials. The regular scientific publications contributed by the IOF faculty in national, regional and international journals can be seen across the individual faculty at the websites: [www.iofpc.edu.np](http://www.iofpc.edu.np), [www.iofhc.edu.np](http://www.iofhc.edu.np), [www.iof.edu.np](http://www.iof.edu.np). There is an increasing trend of research based empirical publication by the IOF faculty based on their individual and institutional research.

### **Human Resources**

Since its inception, the IOF has produced approx. 6000 forestry graduates comprising of more than 2500: ISc/ TCL; 3000: BSc; 500: MSc and 9: PhD. Almost majority ie 80% of the IOF graduates are employed with GO and I/NGOs in Nepal and also serving in international market.

### **Networking and MOU with National and International Partners**

#### **National partners**

- Forest Action Nepal, 2022
- MoU between IOF and Girija Prasad Koirala Foundation, June 2020

- MoU between IOF and WWF-Nepal, February 2019
- MoU between IOF and Ministry of Forest and Environment, GoN, January 2018
- MoU between IOF and President Chure-Terai Madhesh Conservation Development Program (PCTMCDP), Government of Nepal, November 2018
- MoU between IOF and the Technical University of Dresden Germany, October 2017.
- MoU between IOF and Institute of Silviculture, Department of Forest and Soil Sciences, University of Natural Resources and Life Sciences, Vienna, September 2016.
- MoU between IOF and the Sustainable Tropical Forestry (SUTROFOR) university consortium secretariat, 2014

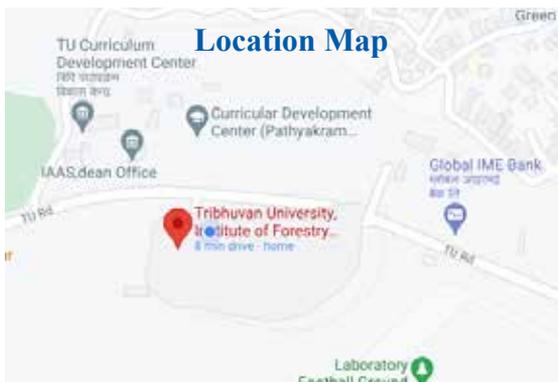
### International Partners

- MoU between IOF and The University of North Carolina, February 2022
- MoU between IOF and Mountain Ecosystems and Resource Management, Canada, April 2022
- MoU between IOF and Regional Community Forestry Training Centre (RECOFTC), Bangkok, March 2020.
- MoU between IOF and University of Hamburg, January 2020
- MoU between IOF and Southern Cross University, December 2020
- MoU between IOF and the Graduate School of Agriculture and Life Sciences, University of Tokyo, Japan, June, 2020.
- MoU between IOF and the Beijing Forestry University, Beijing China, 2019
- MoU between IOF and the Center for Biodiversity and Environment Research, University College London, UK, September 2018

- MoU between IOF and Forest Research Institute, Dehra Dun, Uttarakhand, India, 2011

### Faculty exchange and student study programs (past and present)

- Virginia Tech, USA
- Yale University, USA
- Principia College, USA
- Michigan State University, USA
- Agriculture University/University of Life Sciences, Norway
- University of Copenhagen, Denmark
- Swedish University of Agricultural Sciences, Sweden
- University of Adelaide, Australia
- University of Eastern Finland, Joensuu
- University of Gottingen, Germany
- Technical University of Dresden, Germany
- Chinese Academy of Sciences, China
- University College of London, UK
- Australian Volunteers Program, Australia



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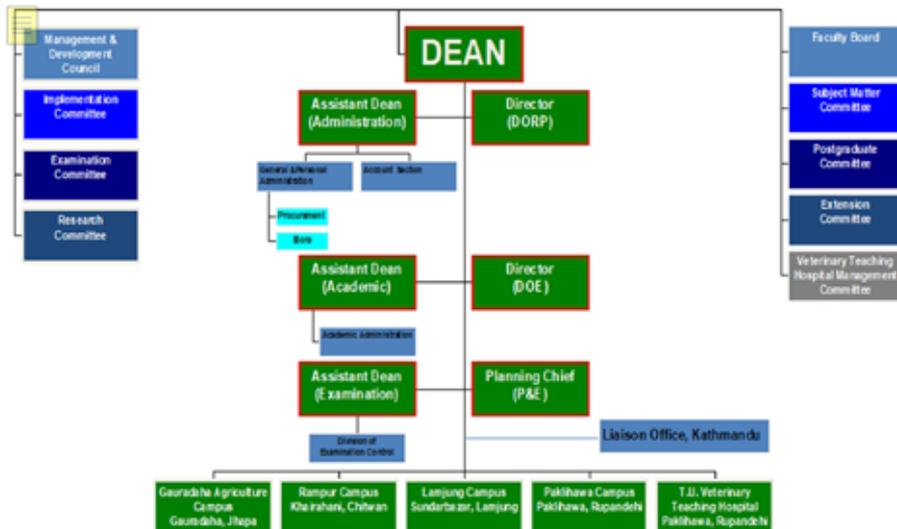
website : www.iof.edu.np



# Institute of Agriculture and Animal Science

## Introduction

Originally, the Institute of Agriculture and Animal Science (IAAS) had begun as a school of agriculture under the Ministry of Agriculture in 1957 to train Junior Technical Assistants in agriculture. In 1968, the school was upgraded to the college of agriculture with two-year I.Sc.Ag. program. The college was given the status of IAAS as a constituent institute of Tribhuvan University (TU) in 1972. Before it moved from Kathmandu to its new location at Rampur of Chitwan in 1972, a bachelor program in Agricultural Education (a total of 4 semesters) was already launched in KTM. This was also called Diploma in agriculture where out of 100 credits, the students were taught 65 credits in agriculture and 35 credits in education. Over time, IAAS grew and expanded its academic programs to different fields of agriculture including veterinary science. Currently it runs 4-yr B.Sc. Agriculture and 5-yr B.V.Sc. and A.H. programs in different parts of the country. Since 2013/14, post-graduate programs including M.Sc.Ag., Ph.D. in Agriculture and Master in Veterinary science are also run in different academic departments in Kirtipur, Kathmandu. The mission of IAAS is to promote agricultural science, and train manpower for agricultural development focusing on teaching, research, and to extend of technologies in the country. The organogram of IAAS is shown below:



The institute has produced more than 15000 agriculturists so far (Table 1). The human resources developed from IAAS deserve academic excellence and competence among human resources developed within and outside the country. The types and number of human resource developed by the institute so far is as follows:

Table 1: No of agriculturist produced from IAAS, TU

S.N.	Type of human resources	Number of human resources
1	Social Mobilizers and Village Animal Health Workers	2600
2	Non-academic JTAs in Agriculture and Animal Science	2000
3	Academic JTAs in Agriculture	4000
4	I.Sc.Ag. (I.Sc. Proficiency Certificate)	700
5	B.Sc.Ag. Graduates	4461
6	B.V.Sc. and A.H. Graduates	590
7	Post-graduates (M.Sc./Ph.D.)	1000
	Total	15351

### Academic programs of IAAS

IAAS designs and implements academic programs to produce competent human resource required for agricultural development of the country. Academic session for undergraduate program begins in January-February and that for post graduate program in July-August. IAAS has launched semester system in B.Sc.Ag. and B.V.Sc. & A.H. programs from the year 2001 in which the internal assessment and the external exam weigh 20% and 80%, respectively. M.Sc. (started in 1998) and Ph.D. (started in 2002) programs of the institute are conducted in the semester system. In master's program, the internal assessment carries 25% of full mark in each subject.

Table 2. The academic programs and degrees being offered by IAAS.

SN	Program	Duration (Year)	Student intake per year (No.)
1	Bachelor of Science in Agriculture (B.Sc.Ag.)	4	324
2	Bachelor of Veterinary Science and Animal Husbandry (B.V.Sc & A.H.)	5	50
3	Master of Science in Agriculture (M.Sc.Ag.)	2	Vary year to year (generally 5-12 students per department)
4	Master of Science in Animal Science (M.Sc. An.Sc.)	2	
5	Master of Veterinary Science (M.V.Sc.)	2	
6	Master of Science in Aquaculture (M.Sc. Aqua.)	2	
7	Doctor of Philosophy (Ph.D.), Plan-A and Plan-B	3-7	Vary year to year

Table 3. The degrees and their major subjects offered at post-graduate program

SN	Degree	Major subjects
1	Master of Science in Agriculture	Agricultural Economics Agricultural Extension and Rural Sociology Agri-botany and Ecology Horticulture Plant Pathology Agronomy Entomology Plant Breeding and Genetic Soil Science
2	Master of Science in Animal Science	Animal Breeding Animal Nutrition and Fodder Production Livestock Production and Management
3	Master of Veterinary Science	Epidemiology & Veterinary Public Health Veterinary Medicine Microbiology Veterinary Pharmacology Veterinary Parasitology Veterinary Pathology Veterinary Gynaecology and Obstetrics
4	Master of Science in Aquaculture	Aquaculture
5	Doctor of Philosophy	Plant Breeding Horticulture Agricultural Economics Agricultural Extension Entomology Agronomy Animal Sciences

### Students record in constituent and affiliated campuses

The institute has four constituent campuses: Lamjung, Paklihawa, and Rampur and Gauradaha campuses. Since last four years, it also introduced post-graduate teaching program in Kirtipur, Kathmandu. Meanwhile, TU/IAAS has provided affiliation to four campuses: one, situating in Gokuleshor of Baitadi district (affiliated in 2010); second, in Lamahi of Dang district; and the third, in Tulsipur, of Dang district (both affiliated in 2014). Each affiliated campus admits 50 students in B.Sc.Ag. each year. All the constituent and affiliated campuses receive students on merit basis who pass the entrance examination conducted by IAAS Dean's Office in Kathmandu. From year 2016, 4-year B.Sc. Horticulture program of Mahendra Ratna Multiple Campus, Ilam also received affiliation from IAAS.

Table 4: No of students intake/year at IAAS campuses in undergraduate programs

Name of the Campus/College	Program	Quota (Intake/year)	Remarks
Rampur Campus, Khairahani, Chitwan	B.Sc.Ag.	50	Constituent
Paklihawa Campus, Paklihawa, Rupandehi	B.Sc.Ag.;B.V.Sc. & A.H.	153	Constituent

Gauradaha Agriculture Campus, Gauradaha, Jhapa	B.Sc.Ag.	50	Constituent
Lamjung Campus, Sundarbazar, Lamjung	B.Sc.Ag.	103	Constituent
Gokuleshwor Agri. and Ani. Sci. College, Gokuleshwor, Baitadi	B.Sc.Ag.	50*	Affiliated public
Prithu Technical College, Lamahi, Dang	B.Sc.Ag.	50*	Affiliated private
College of Live Sciences, Tulsipur, Dang	B.Sc.Ag.	50*	Affiliated private
MMRC, Ilam	B.Sc.Hort.	50*	Affiliated program
Nepal Army Institute of Agricultural Sciences	B.Sc.Ag.	48*	Affiliated program
Total		504	

\*Allocated quota has not fulfilled in the intake of 2078/79.

Table 5: No of students intake/year at IAAS in postgraduate programs

SN	Degree	2071/72	2072/73	2073/74	2074/75	2075/76	2077/78	2078/79	2079/80
1	Agri economic	7	8	8	7	9	8	11	11
2	Agronomy	6	8	8	8	8	9	11	11
3	Plant breeding	4	8	8	8	8	0	5	5
4	Soil science		8	8	8	8	9	8	8
5	Agri . bot. & ecology		6	8	8	8	8	8	8
6	Horticulture		8	8	7	9	10	11	11
7	Agri ext. & rural sociology		8	8	8	8	9	8	11
8	Plant pathology			8	6	8	9	5	5
9	Entomology	3		8	8	8	7	8	8
10	Livestock prod. & management			8	8	7	6	8	8
11	Animal nutrition		7		7	8	8	9	8
12	Aquaculture		8	8	7	8	8	8	
13	Vet. pathology	4	5	7	6	6	8	5	5
14	Vet. parasitology		3	3	6	6	7	0	
15	Animal breeding	7			0	0	8	8	5
16	Vet. theriogenology				4	7	8	9	8
17	Vet. medicine								8
18	PhD in Agri./ An.Sc.	5	4	4	6	8	5	6	6
	<b>Total</b>	<b>31</b>	<b>77</b>	<b>98</b>	<b>106</b>	<b>116</b>	<b>122</b>	<b>122</b>	<b>120</b>

## Research, Publication and Extension

Though IAAS is principally mandated for teaching of agricultural science, it has been outsourcing and implementing numbers of internally or externally funded research projects in agriculture and veterinary sciences. A separate research unit, namely Directorate of Research and Publication (DORP) is in operation to conduct and monitor such projects. An independent account and operating procedure has been maintained for this unit. The Institute offers scholarship to students for M.Sc. as well as Ph.D. research out of funds under DORP. IAAS have been publishing research findings regularly in IAAS journal since 1977. It published 33 volumes last year (in academic year 2072/073) and the process for publication of the 34th volume by the middle of this academic year (2073/74) is in progress. Similarly, the institute publishes research abstracts, proceedings, course catalogue (IAAS bulletin) for undergraduate as well post graduate level, IAAS research reports and research advances regularly.

Similarly, Directorate of Extension (DOE) under the Dean's Office is operating for extension of research findings to farmers. This unit is mandated to formulate program and policies and delivery of new research findings to target groups. It also establishes coordination with government line agencies and private sectors involving agricultural research, teaching and extension. Now, it is also in the process of improving and keeping the website (website [www.iaas.edu.np](http://www.iaas.edu.np)) more active, informative and useful than earlier.

Table 6: Ongoing research projects under Directorate of Research (DOR) at IAAS

S.N.	Title of the research projects	Collaborator or Funding Agency
1	Technical Advisory Service Project: Earth Quake Rehabilitation Project, Gorkha	Catholic Relief Service (CRS)
2	IPM Program	CARITAS
3	TWAS	UNESCO
4	ASTV/CURE/STRASA	IRRI
5	Student Focused Faculty Research	NASDP/Helvetas Swiss Inter-cooperation
6	Prepone in Budbrust timing in grapevine	UGC, Nepal
7	Exploration of Climate Smart Organic Farming in Nepal: Impact of Cover Crops on Plant Yield, Insect Pests, Weeds and Soil Health in Organic Management System	Tennessee State University and IAAS collaborative project funded by USDA
8	Improvement in grapevine yield and berry quality attributes using GA in commercial vineyard in Nepal	Collaborative Research Grant, REF, Directorate of Research, TU

### Additional Research and Extension Activities:

- Thesis grant on ecological agriculture (MOU with Action Aid Nepal).
- Thesis grant on agriculture and livestock (MOU with Directorate of Agriculture Development and Directorate of Livestock and Fisheries Development)
- Improved understanding of opportunities provided by management interventions to improve NUE and reduce N losses in agricultural systems across SE Asia in collaboration with UK Centre for Ecology and Hydrology (UKCEH).
- Establishment of field gene bank and aquatic gene bank at constituent campuses of IAAS in collaboration of gene bank
- Training manual on ecological agriculture (Nepali) in collaboration with Action aid Nepal

- Community Based Integrated Agriculture Training in assistance with Alliance of International Science Organizations

### Strength of teaching faculty at IAAS

Academic and research activities of IAAS have been sustained by highly qualified but with limited numbers of teaching faculties. Strength of faculty members in IAAS is given below.

Table 7: Currently working faculties in different constituent campus of IAAS

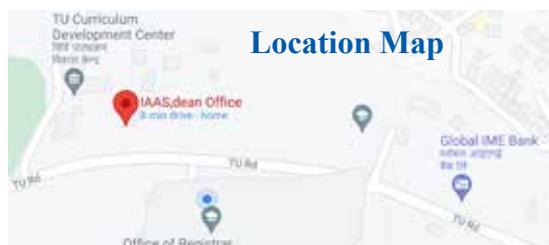
SN	Campus	Program	Existing			Total
			Prof.	Assoc. Prof.	Asst. Prof.	
1	Rampur, Khairahani	Agriculture	5	2	1	8
2	Paklihawa, Rupandehi	Agriculture	4	0	22	26
		Veterinary	2	2	8	12
3	Sundarbazar, Lamjung	Agriculture	0	2	16	18
4	Gauradah, Jhapa	Agriculture	0	0	0	0
5	Dean's Office	Agriculture	4	3	1	7
<b>All</b>			<b>14</b>	<b>7</b>	<b>48</b>	<b>71</b>

Note: This is much reduced number after massive outflux of teachers from IAAS/TU to Agricultural and Forestry Science University (AFU) in the last five years.

### Future Direction

Since the institute has recently initiated a full-fledge 4 yrs. B.Sc.Ag. Program in Lamjung and Paklihawa campuses, physical facilities will be extended and number of staff will be increased. Lamjung campus will be developed as the hill agriculture teaching and research station focusing on rainfed farming, commercialization and research on fruit and vegetable production, meat and wool production, terrace farming etc. in future. Similarly, Paklihawa Campus will be developed as the teaching and research institute to represent the Terai region. It will focus on teaching and research on cereal production, poultry farming and milk production. A separate veterinary campus and the veterinary teaching hospital will be developed immediately. In addition, the PG campus will be further strengthened in terms of number of student-intake, teaching and administrative staff, physical facilities and academic accessories. Necessary infrastructure development will be made immediately in the land provided by TU in Kirtipur. The land will be used for the construction of administrative, academic, laboratory and library buildings.

IAAS of TU is one of the recognized institutions for agricultural teaching and research within and outside the country. The institute is contributing significantly in agricultural development of the country through manpower development, efficient technology generation, spreading validated technology and their adoption. However, programs and quality and facilities, in response to the national and international context, need to be further improved.



**Prof. Bhargav Dhital**

Dean

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# Faculties

## Faculty of Humanities and Social Sciences

### Introduction

Tribhuvan University was established in 1959. The Faculty of Humanities and Social Sciences (FoHSS) is one of the largest faculties in terms of number of students, range of programs and courses offered in TU. It has the mission of educating students and developing them into informed citizenry as well as producing quality human resources required for the nation. In order to revitalize and upgrade humanities and social sciences education. FoHSS has prepared a strategic plan to move ahead with some specific vision, mission and goals identifying the areas of intervention.

### Vision, Mission and Goals

**Vision:** FoHSS as leading Faculty of TU aims at being a widely recognized leading academic institution throughout the world in imparting quality education and offering relevant courses with integration of modern technology in teaching, learning, and research.

**Mission:** FoHSS has the mission of educating students and developing them into informed citizenry as well as producing quality human resources required for the nation by offering relevant academic courses.

developing new curricula, and creating friendly and conducive environment for learning and scholarship.

**Goals:** Upgrade humanities and social sciences education through quality teaching/learning and research activities, including regular update of courses at par with international standard offered by FoHSS. Towards that goal, FoHSS has been offering courses on number of disciplines in humanities and social sciences. The programs and courses are run through

twenty-two central departments and twelve master's level programs. Besides, constituent and affiliated campuses/colleges spread over the country. Through these constituent and affiliated campuses of TU, FoHSS also offers courses of four-year Bachelor degree. Most courses offered at the B. A. level leads to Masters and MPhil-PhD degrees. There are different subjects which are taught only at Bachelor's level. These include Film Studies, International Languages and Philosophy. Additionally, Mathematics, which belongs to Humanities and Social Sciences, is also taught under the Institute of Science and Technology. In fact, the Faculty offers Bachelor's and Master's degrees in most of the areas mentioned and the areas which are part of the liberal arts education.

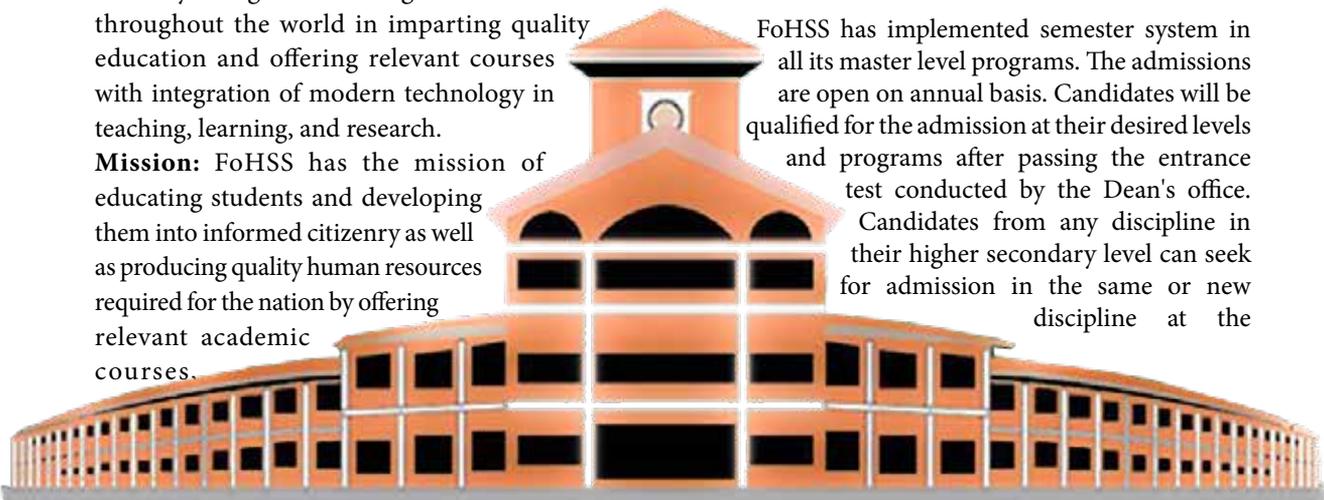
### Admission Policy

FoHSS has implemented semester system in all its master level programs. The admissions are open on annual basis. Candidates will be qualified for the admission at their desired levels and programs after passing the entrance test conducted by the Dean's office. Candidates from any discipline in their higher secondary level can seek for admission in the same or new discipline at the

undergraduate level. However, candidates seeking admission in M.A., MPhil-PhD level may require immediate lower degrees in the same discipline and closely related disciplines.

### Organizational Structure

Within the broadly conceived organizational structure of the Tribhuvan University, there are four faculties: Among them, Faculty of Humanities and Social Sciences is the largest one in terms of disciplines incorporated and courses offered.





Moreover, with the highest number of teaching faculties and constituent and affiliated colleges offering courses. FOHSS has the largest and strongest organizational structure. It comes under the office of the Rector within the structural hierarchy of Tribhuvan University and plays a leading role in overall academic activities to be carried out by TU. It includes Faculty Board, Standing Committee, Research Committee and Subject Committees as constituents in its structure.

### Research and Publication

Most of the Departments and Programmes running Masters, Mphil, PhD courses have been publishing their Departmental Research Journal. The Office of the Dean has planned to publish annual research journal entitled *Journal of Humanities and Social Sciences*. Recently the Faculty has updated research manual for PhD. researches Faculty is also preparing the abstracts and profile of all the scholars who have been awarded PhD till now.

### International Relations

FOHSS has a rich history of international relation of collaborative arrangements and Exchange Programmes with Universities and institutions from abroad. So many departments and programmes under FOHSS has signed Memorandum of Understanding and working with concerned Departments, Universities, Professional Organizations and Institutions. Similarly, students from different country are studying in different departments

and programmes like Central Department of Nepali, Bishow Bhasa Campus, CPDS, MIRD, MSW, Strategic Studies (Army command Staff College), Governance and Anti corruptions and other under Exchange Programme or other kind of MOU.

### Programs and Subjects Offered Bachelors Program

- BA (Bachelor of Arts with 31 Subjects)
- BFA (Bachelor in Fine Arts)
- BFS (Bachelor in Film Study)
- BCA (Bachelor in Computer Application)
- BPSG (Bachelor in Public Service and Governance)
- BSW (Bachelor in Social Work)

### PGD (Post Graduate Diploma)

- Counseling Psychology
- School Counseling
- Woman Studies
- Yoga Bigyan
- Nutrition and Dietetics
- Security and Disaster Management (in APF).

### Master's Program

1. Nepali, 2. English, 3. Maithili, 4. Sanskrit, 5. Nepal Bhasa, 6. Hindi, 7. Linguistics, 8. Geography, 9. Economics, 10. Home Science, 11. Political Science, 12. Library Science, 13. Sociology, 14. Anthropology, 15. Psychology, 16. Journalism and Mass Communication, 17. Population Studies,

18. Buddhist Studies 19. Rural Development, 20. Fine Arts (Music and Sculpture), 21. History, 22. Nepalese History Culture and Archeology 23. International Relation and Diplomacy, 24. Conflict, Peace and Development, 25. Gender Studies, 26. Social Work, 27. Counseling Psychology, 28. Sports Science, 29. Tourism and Hospitality, 30. Strategic Studies, 31. Security Peace and Development, 32. Crisis Management, 33. Dance 34. Labor Studies 35. Governance and Anti Corruptions 36. Yogic Science.

### M Phil PhD Program

FoHSS has been running MPhil-PhD program. MPhil program prepare scholars to undertake and pursue PhD degree. Besides, these programs, with emphasis on research, scholarship, and pedagogy, help students grow professionally. Given the popularity and excellent outcomes of MPhil, all of the disciplines that run Master's level program at university campus TU are running MPhil and PhD programs. Candidates who have completed Master's degree are eligible to seek admission in MPhil program. In addition, the students who have completed MPhil are eligible to apply for PhD. Moreover, the students who completed the two semesters in MPhil-PhD program are eligible to enroll in PhD program.

### Programmes Recently Launched

- Bachelor in Public Service and Governanc(2020)
- Masters in Governance and Anti corruptions (2021).
- MPhil PhD Programme (2021)
- Master in Yogic Science (2023)
- Bachelor of Social Work (BSW, 2023).

### Programmes in Pipeline

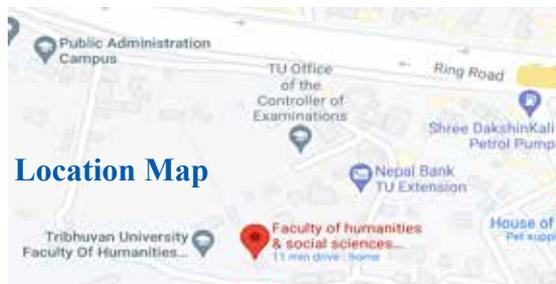
- Masters in Development Studies, Masters in Philosophy, Masters in Fashion Design, Masters in Computer Application are almost ready to launch.
- FoHSS is also planning to launch some new programs such as Folklore Studies, Fashion Design.

### Strategies and Issues

- Based on the outcomes of the discussion, reviewed documents on activities, strategic planning, FoHSS has streamlined the task of revitalizing and upgrading the quality of humanities and social sciences education from Bachelor to PhD level. The strategic plan reflects the main purpose as

well. For this, FoHSS has geared in developing and offering courses in each discipline under FoHSS that are current and relevant.

- In order for imparting quality education to students, a need for incorporating participatory pedagogy in classroom teaching has been underlined.
- After successful implementation of semester system at Master level, implementing four years Bachelor level programs in all disciplines of humanities and social sciences has been launched at the core for academic excellence under FoHSS.
- Restructuring the examination system with improved technology is also a vital task to be done through FoHSS. Therefore, incorporation of cutting-edge courses and reorienting the teaching as well as evaluation method has been the key issues that inform the strategic plan of FoHSS.
- Conducting at least one International conference every year.
- Planning to construct examination Hall with capacity of 1000 (thousand) students with management of CCTV.
- Constructing a new building for FoHSS.
- Providing training orientation on questionnaire, copy corrections and other subjects.



### Prof. Kushum Shakya, PhD

Dean

Faculty of Humanities and Social Sciences, TU

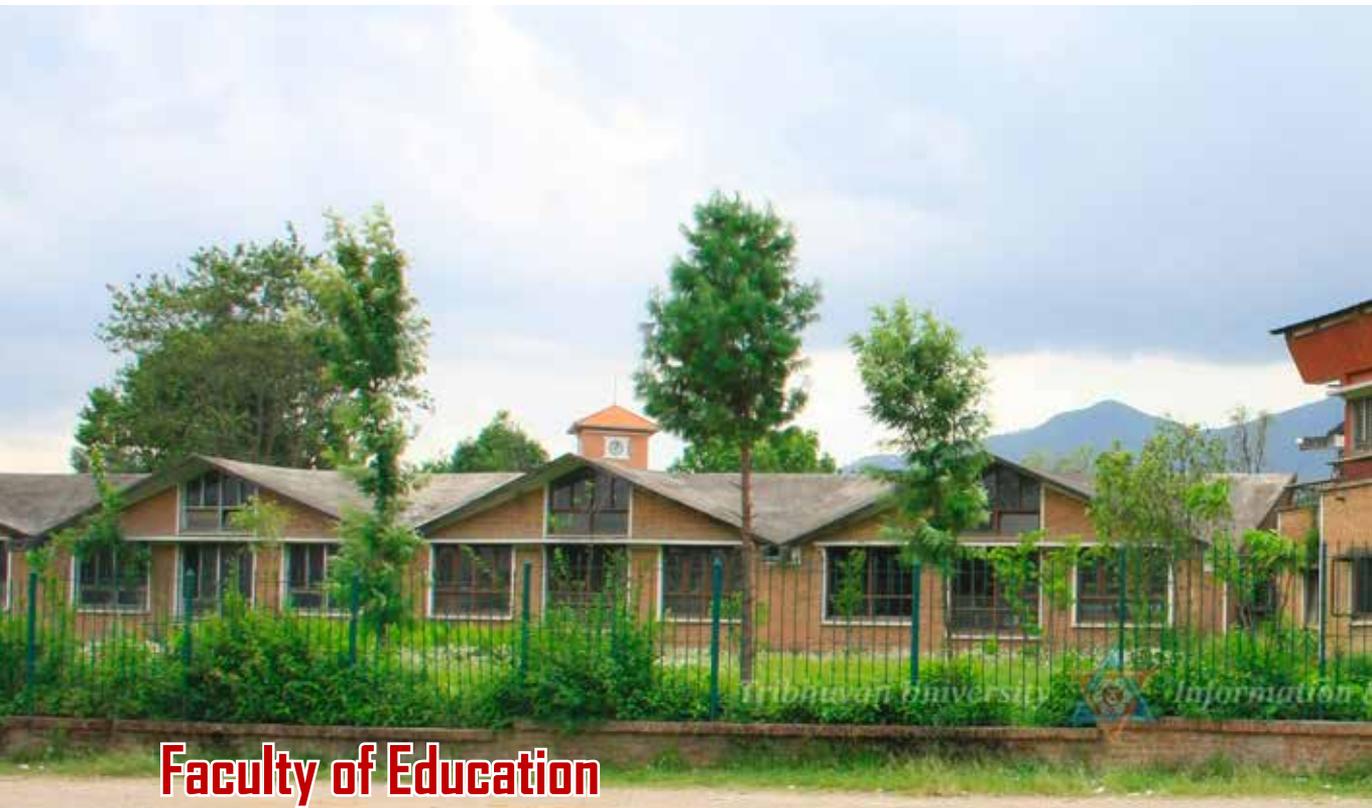
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# Faculty of Education

## Introduction

Faculty of Education (FOE) was established as the College of Education in 1956 before the establishment of its mother institution, Tribhuvan University (TU) in 1959 to institutionalise teacher education programmes in Nepal. It is the largest faculty of TU in terms of the number of students and the number of affiliated campuses. With 26 constituent campuses and 590 affiliated colleges throughout the country, FOE has the biggest network of teacher education in the country. Since its establishment, FoE has been contributing to the nation by producing and supplying all kinds of human resources needed for educational sector of the country. It has offered diverse educational programmes in a wider range of subject areas including social studies, science and information and communication technology education (ICT) education.

Faculty of Education (FOE) currently offers educational programs in Bachelor of Education (B.Ed.), Master of Education (M.Ed.), Master of Philosophy (M.Phil.) and Doctor of Philosophy (PhD) in Education. Bachelors and master's programmes are blended with the academic contents and professional courses. But these programmes have placed more emphasis on theory-oriented academic courses than professional skills. In the emerging context, FOE

is committed to reinvigorating the quality of the teacher education programmes by blending the strong theoretical foundations with the sound pedagogical professional competence that include engaging and interactive pedagogy, instructional planning, material development, classroom management and evaluation. Practice Teaching/Practicum, being the most important feature of a teacher education programme, needs to be made rigorous to ensure pedagogical competence among the graduates.

## Vision

Faculty of Education envisions the promotion of quality education across the country through the preparation of highly qualified teachers.

## Mission

The mission of Faculty of Education is to provide leadership to teacher education and professional development in the country by developing itself as a center of excellence for teacher education and training, educational studies, research and innovation.

## Goals and Objectives

The goal of FOE is to produce trained teachers, teacher educators, and educational researchers for the country. It also aims at producing educational planners and



managers, curriculum designers and human resources needed for the educational sector of the country through its different programmes. FOE aims at achieving the following objectives:

- To prepare trained teachers for the school of the country in collaboration with the Ministry of Education
- To produce teacher educators, education specialists, education managers and administrators;
- To produce high level human resources in education through M. Phil. and Ph. D. programmes;
- To conduct research studies that contribute to the betterment of education system in general and teacher education sub-system in particular;
- To contribute to the growth and development of the education sector of the country;
- To provide expert professional and technical consultancy services to agencies/organizations/ individuals working in different education sectors;
- To support the MOE, Nepal in the formation of education policy, programmes planning and their implementation and evaluation;
- To work as a national forum for bringing about

debates and discussions in orders to address the critical educational issues; and

- To share and disseminate educational researchers and innovations by linking itself with related national and international organizations.

### Academic and Professional Programmes

The FoE offers the following academic as well as professional programmes:

- Doctor of Philosophy (Ph.D.)
- Master of Philosophy (M.Phil.)
- Master of Philosophy (M.Phil.) in Inclusive Education
- M. Ed.(four semesters)
- Six-Semester Master of Social Studies Education (MSSEd), new programme
- Four-year B. Ed. (Annual)
- Eight-Semester Bachelor of Information and Communication Technology Education (BICTE)
- Three-semester (ODL) M. Ed. in Science Education
- Master of Education Science/Post-Graduate Diploma in Digital Pedagogy (ODL)
- Post-Graduate Diploma in Education

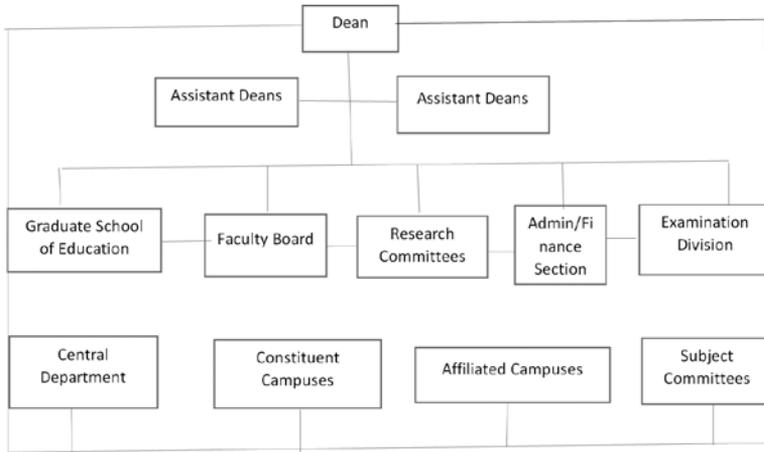
### M.Phil./PhD Programme

The Ph.D. programme in education was initiated in 1996 with a view to preparing high level academics and researchers in the field of education. Seventy-seven Ph.D. candidate have successfully completed dissertation and Ph. D. degree has been conferred to them by the university. Currently, 186 Ph.D. candidates are pursuing their Ph.D. research works in different subjects of educational study such as English, Nepali, Health, Mathematics, Science Education, Curriculum, Educational Planning, Special Needs, social and educational studies. Master of Philosophy (M.Phil.) in Education with specialization in Education Studies, Mathematics Education, English Education, Nepali Education, Social Studies, and Health Education is also being offered for students who are interested in education research. M.Phil. leading to PhD program was started in 2017 to integrate courses of M.Phil. into PhD programme. This integrated programme is designed with a view to providing an opportunity

for M.Phil. students to go for PhD programme after successful completion of M.Phil. courses.

### Organizational Structure

The Dean’s office of the FOE is located at Balkhu, Kathmandu. The faculty is headed by the Dean and assisted by four Assistant Deans and Faculty Board and Research Committee. The organizational structure of the FOE is shown in the diagram below:



### New Programmes

Master of Social Studies Education (MSSEd): The FOE also plans, develops and implements new courses and programmes by mobilizing its own resources as well collaborating with national and international agencies. FoE has implemented new programme, six-semester Master of Social Studies Education (MSSEd) Programme in Central Department of Education through the blended mode (Face to face and online) with its own resources since 2021. MSSEd is an interdisciplinary course that integrates contents of the history, geography, political science, economic and cross-cutting areas social sciences with classroom pedagogy. The new MSSEd Program is designed to prepare pre-service teachers (students) with sound knowledge and skills for teaching social studies in school from grade 8-12. Candidates having educational qualification of Bachelor of Education in any discipline from Tribhuvan University, and its recognized educational institutions can apply for admission to this program.

Master of Philosophy (M.Phil.) in Inclusive Education: The FoE has introduced M.Phil. leading to doctoral programme in inclusive education since February 2023

in collaboration with Oslo Met University, Norway under NORHED Project. This programme has been implemented with financial support from NORAD and technical/academic supports from Oslo Met University and Inland Norway University of Applied Sciences, Norway. Five female students studying M.Phil. in Inclusive Education are receiving scholarship from NORHED Project. Upon completion of M.Phil. program, three out of five female students will be awarded PhD scholarship for doing advanced research in the field of inclusive education.

Master of Educational Science in Digital Pedagogy (MES DP): The FOE has recently introduced a new Master Programme/Post-Graduate Diploma in Digital Pedagogy. Master of Educational Science in Digital Pedagogy (MESDP) is an advanced study program that is designed to support professional development of Tribhuvan University

teachers as well as other university teachers. Goal of the programme is to equip teaching faculties of the universities with 21st century pedagogy focusing on digital pedagogy. This teacher education program is developed in collaboration with the JAMK University of Applied Sciences, HAMK University of Applied Sciences, Finland, and NOU Nepal under the support of the HEI ICI program. MESDP is a blended and flexible program that intends to develop knowledge and skills required to apply methods and strategies of digital pedagogy including twenty-first century skills in classroom effectively. This is three-semester (18 months) fulltime course. Indeed, being a flexible master program, individuals can be enrolled in part-time program and can complete all prescribed course with a duration of six years.

### Collaborative Initiatives

There is an agreement between the Faculty of Education and Oslo Metropolitan University, Norway to implement the Project Building Inclusive Education Programme in Nepal (BIEPN) with a grant of NORHED II, Norway in August 2021. This project is being implemented in cooperation with Oslo Metropolitan University, Inland Norway University of

Applied Sciences, Norway, and Mid-Western University of Nepal. The overarching goal of the project is the establishment of a robust teaching and research group on Special Needs/inclusive education at the Faculty of Education, Tribhuvan University. It is also expected that capacity of faculties in inclusive education will be enhanced and the number of faculties and students holding PhD in this field will be increased by the establishing an MPhil /PhD programme in inclusive education/special needs education, and through the faculty and student exchange (One semester) stays at Inland Norway University and Oslo Met University for five PhD scholarship students and minimum two, teaching and supervision staff at the Faculty of Education, Tribhuvan University, and/or participation by students and staff at the summer school in Oslo, organized by University of Oslo. The collaborative project will contribute to the creation of SNE department based an e-Library to make teaching and learning resources accessible to students and teachers and setting up of two resource centres at the concerned two departments, one at the Special Needs Education Department, Kirtipur and one at the Sanothimi campus, for hands-on experience to faculties and students.

There is a formal agreement (MoU) between Faculty of Education of Tribhuvan University and UNESCO-ICHEI (International Center for Higher Education and Innovation), China for enhancing capacity of Teachers in integration of ICT in higher education teaching and learning through short-term training and ICT infrastructure development. In the first phase of the project, UNESCO-ICHEI is providing equipment, technology and technical supports to the FOE to establish a Smart Classroom in the Central Department of Education. They will also provide short-term training to teaching faculties about how to run smart classroom effectively in teaching and learning process with the integration of ICT. It also provides opportunities for teaching faculties to participate in ICT related online courses/teacher professional development courses.

Since November 2019 the FoE has been implementing the equitable access to higher education students with disabilities and students from marginalized groups in Nepal (EATHEN) Project in collaboration with the Ministry of Education, Science and Technology (MoEST), Nepal Open University (NOU), JAMK University of Applied Sciences, Finland; Masaryk

University, Czech Republic; Alma Mater Studiorum Università di Bologna UNIBO, Italy with financial supports from ERASMUS+ Capacity Building in the Field of Higher Education Project. The main goal of EATHEN-project is to enhance inclusive management practices and access for people with disabilities (PwD) and from marginalized groups and regions (MG) in Nepal to higher education. Three Support Centers (Central Department of Education, Prithvi Narayan Campus, Pokhara and Dhankuta Multiple Campus, Dhankuta have been established by the FoE with the supports from the EATHEN Project.

There is a collaboration between the FoE and three Japanese Universities (Chukyo University, Shinshu University and Osaka University) to carry out joint research and academic activities in the field of school health and education. Professors from these universities will provide academic supports to revise health and physical education curriculum of Bachelor and Master level.

The FoE has a formal collaboration between Tribhuvan University and Changwon National University of South Korea under Leading University Project for International Cooperation (LUPIC). The LUPIC is providing technical support to the FoE to strengthen special needs/inclusive education programme in Nepal. The FoE has also established a formal relationship with College of Education, Chungbuk National University of South Korea through the MOU. The College of Education will provide supports to the FoE in research and curriculum development in the field of science education.

### Admission Requirements

The candidates who wish to get admission in the Faculty of Education must sit for the entrance examination for master's and M.Phil. programmes. Admission to the four-year B.Ed. programme is open to all who have completed their grade 12/ Higher Secondary education degree or equivalent degree.

The M.Ed. and MSSSED Programme is open to all who have completed their B.Ed. in the area of specialization they want to get admission. M.Phil. Programmes is open to all but the graduates from non- education background have to take 4 credit-hours more than M.Ed. graduates. Those people with an M.Phil. Degree are eligible for the Ph.D. programme.

## Evaluation Policy

The evaluation policy is different across the programmes. For B.Ed., students have to sit for the final exams conducted by the Controller of Examinations. Considering the nature of subjects, they also take practical exams. For the M.Ed. programme and semester-based Bachelor Programme, students are evaluated through internal (40%) and external exams (60%). While subject teachers are responsible for internal evaluation, the Dean's Office conducts the external exams. The M.Phil. candidates are evaluated by their subject teachers through internal exams (60%) and by the Dean's Office through the end-of- semester exams. All M.Phil. and PhD candidates should carry out independent research and defend their dissertation for the degree.

## Research Activities and Publications

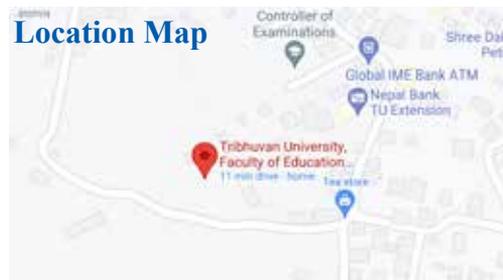
The FoE conducts both small- and large-scale research studies in areas of education in collaboration with both national and international agencies. It encourages its faculty members by providing research grants to carry out mini research studies on various issues of education. A total of 32 teaching faculties working different campuses have been awarded with the mini-research grant. It has completed a collaborative research project titled "Inclusive education in Nepal: A study of network governance in selected municipalities" in 2022. This is national level study in the field of inclusive education funded by the Norwegian Research Council and implemented collaboratively by partners: the Faculty of Education Dean's Office, Kathmandu, Oslo Metropolitan University and University of South Eastern Norway, and University College London Institute of Education, UK.

The FoE has been conducting research entitled Teacher Education Program in Nepal: Reorienting Policies and Practices in collaboration with CERID and Open and Distance Education Center (ODEC) of TU with the research grant of Research Directorate of Tribhuvan University since March 2022. Objectives of the research are to assess the existing situation of teacher education programs of TU and other Universities of Nepal, and explore the opportunities for re-orienting and enhancing teacher education program to address the country's needs and expectations of quality teachers for quality (school) education. This study employs the mixed method research approach within a theoretical

framework of CIPP (context, inputs, process, and product) model. Field research has been completed. The FoE publishes Educational Quarterly, a peer reviewed journal.

## Future Direction

Existing mass friendly teacher education programmes need to be shifted to be selective, systematic and standardized considering professional standard, supply and demand in the country so that most competent students can be attracted towards teacher education programme. The need of the hour is transformative teacher education programmes which can only promote quality of education at all levels of education. The FoE must make programmatic changes and include new courses to better prepare and equip their graduates with pedagogical competencies and the 21st century skills. There should be intensive teaching-internship programme at the end of the programme in order to create opportunity for students to apply and reflect knowledge and skills learned from campus in school classroom and gain practical experiences. FOE is moving in that direction with the additional focus on professional teacher education programmes in collaboration with the government and non-government organizations.



## Prof. Chitra Bahadur Budhathoki, PhD Dean

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# Faculty of Management

**Vision:** To produce globally competent human resources through the pursuit of education, learning and research.

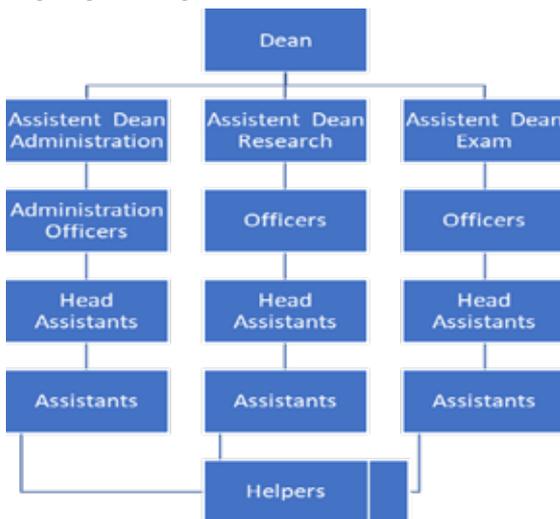
**Mission:** The mission of Faculty of management is to educate the students with plenty of theoretical, practical and research-based learning so as to make them competent globally.

## Goals:

- Prepare professional managers capable of handling business in a dynamic global environment.
- Produce socially responsible and creative entrepreneurs capable of promoting business and industry for the socio-economic development of Nepal.
- Conduct research and management development programs to update the knowledge and skill of the academics and the practitioners.
- Innovate and promote management programs catering to the various social and economic sectors of Nepal.
- Establish linkages with leading universities and management institutes abroad; and collaborate with them in program development and implementation.

Number of students: Annual: 167414 Semester: 114535  
Number of staff:

## Organogram (Organizational chart):



## Program and Courses offered:

The faculty runs both general as well as professional academic Programs. The Programs offered by the faculty are as follows:

- Bachelor's Level
- Post Graduate Diploma Level
- Master's Level
- M. Phil.

- Ph.D.

## New Degree established

- Master of Business Administration in Corporate Leadership (MBA-CL)
- Master of Business Administration in Marketing (MBA-M)
- Master of Business Administration in Finance (MBA-F)
- Master of Business Administration in Finance and Control (MBA-FC)
- Bachelor of Business Administration in Finance (BBA-F)

## Bachelor's Programs under Annual System

- Bachelor of Business Studies (BBS)

## Areas of Specialization:

- General Management
- Marketing Management
- Finance
- Accountancy
- Management Science

## Bachelor's Programs under Semester System

1. Bachelor of Business Administration (BBA)
2. Bachelor of Business Administration in Finance (BBA-F)
3. Bachelor of Information Management (BIM)
4. Bachelor of Travel and Tourism Management (BTTM)
5. Bachelor of Hotel Management (BHM)
6. Bachelor of Business Management (BBM)
7. Bachelor of Public Administration (BPA)
8. Bachelor of Mountaineering Studies (BMS)
9. Post Graduate Diploma in Police Sciences (PGDPS)

## Areas of Specialization:

- Banking and Finance
- Industrial Management
- Marketing Management
- Travel and Tourism Management
- Management Information System

## Masters' Programs under Semester System

1. Master of Business Administration (MBA)
2. Master of Business Administration in Finance (MBA-F) - (New Program)
3. Master of Business Administration in Marketing (MBA-Marketing)
4. Master of Business Administration in Information

- Technology (MBA-IT)
- 5. Master of Business Administration in Corporate Leadership (MBA- Corporate Leadership)
- 6. Master of Travel and Tourism Management (MTTM)
- 7. Master of Hospitality Management (MHM)
- 8. Master of Business Administration in Finance and Control (MBA-FC)
- 9. Master of Business Management (MBM)
- 10. MBA in Global Leadership Development (MBA-GLM)
- 11. Master of Business Studies (MBS)
- 12. Master of Adventure Tourism Studies (MATS)
- 13. Master of Public Administration (MPA)
- 14. Master of Police Science (MPS)

#### **Areas of Specialization:**

- General Management
- Marketing Management
- Finance
- Accountancy
- Management Science

#### **Master of Public Administration (MPA) Areas of Specialization:**

- Development Management
- Human Resource Management
- Local Governance and Development
- Civil Society Governance
- Public Policy

#### **Master of Philosophy in Management (M. Phil.) Areas of Specialization:**

- Management
- Finance
- Accountancy
- Marketing

#### **M. Phil in Public Administration Areas of Specialization:**

- Public Policy
- Human Resource Management
- Local Governance and NGO Management

#### **Ph. D Program in Management and Public Administration**

- Enlarging relations internationally to get access to innovative Programs and supports therein.

#### **Autonomy Programs (under Faculty of Management)**

1. MBA in Financial Management (MBA-FM)
2. Master of Business Administration Tourism Management (BMTM)

3. Bachelor of Financial Administration (BFA)
4. Master of Business Administration Entrepreneurship (MBA-E)
5. Master of Business Administration Banking and Finance (MBA-BF)
6. Master of Business Studies-Finance (MBS-F)
7. Bachelor of Business Administration-Finance and Accounting (BBA-FA)
8. Bacheor of Business Management Applied (BBM-A)
9. Bachelor of Management Studies (BMS)

#### **Admission Procedure:**

#### **Bachelors in Annual Program/ bachelor's in business studies (BBS)**

The minimum qualification required to apply for the program are:

- A minimum of +2 or equivalent degree with D (1.8) or 45% of annual system.

#### **Bachelors in Semester Program**

The minimum qualification required to apply for the programs are:

- Minimum D+ grade in each subject of grade 11 and 12 with CGPA 1.8 or more Or
- Minimum score of second division marks in 10+2, PCL or Equivalent in any discipline. Or
- Students who are waiting for grade 11 and grade 12 results can also apply. However, they have to submit passed Certificate of grade 11 and 12 at the time of admission.

#### **Masters**

#### **Master's in business studies (MBS)**

The minimum qualification required to apply for the program are:

- A minimum of bachelor's degree or equivalent.

#### **Masters in Semester Program**

The minimum qualification required to apply for the program are:

- For MHM - BHM with a minimum CGPA of 2.00 or second division marks. Students who are waiting for results of BHM can also apply. However, they have to submit passed certificate at the time of admission.
- For MBM, MBA-F, MBA-M, MBA-CL, MTTM, MATS - BBM, BBA, BTTM, BBS, BPA, BMS or equivalents in any discipline with a minimum CGPA of 2.00 or second division marks. Students who are waiting for results of bachelor level can also apply. However, they have to submit passed certificate at the time of admission.

The Department/Campus shall conduct a three stage admission tests for appropriate screening of applicants after written test conducted by Office of the Dean, Faculty of Management based on the GMAT format. The applicants shall be screened in each of the stages.

- **Group discussion:** Groups discuss on a given topic. Performance of applicants is evaluated by a panel of judges based on leadership, language, logical arguments, and conclusions.
- **Individual presentation:** Applicants present their views and opinions on a given topic to the panel of judges.
- **Personal interview:** Personal interview will be conducted by a panel of judges based on applicant's motivation level, attitude and capability to handle the pressure and rigors of the master's program.

#### MPhil

The Faculty of Dean shall conduct a written test. Then a three stage admission tests are conduct for appropriate screening.

- **Group discussion:** Groups discuss on a given topic. Performance of applicants is evaluated by a panel of judges based on leadership, language, logical arguments,

and conclusions.

- **Individual presentation:** Applicants present their views and opinions on a given topic to the panel of judges.
- **Personal interview:** Personal interview will be conducted by a panel of judges based on
- applicant's motivation level, attitude and capability to handle the pressure and rigors of the master's program.

#### PhD

MPhil degree is the minimum requirement for the enrollment.

#### Evaluation Scheme:

Written Board Exam for bachelor's level, Masters level and MPhil Program.

#### Research Activities:

- Ministry of Labour Employment and Social Services (Prime Minister Employment Programme), Singhadurbar, Kathmandu
- Academic Performance in Management Education During Covid-19 Pandemic: A Case Study of Faculty of Management Tribhuvan University from Faculty of Management, office of the Dean, Tribhuvan University

#### Networking and MoU with National and International Partners:

Serial no.	Institution's Name	Objective
1	Ministry of Industry	Entrepreneurship development
2	Idea Studio Nepal	Promoting entrepreneurial ecosystem
3	Handong Global University, South Korea	Joint education and research projects
4	Indra Bhakta Shrestha Scholarship Fund	Two MBA students will be provided scholarship annually
5	NABIL BANK	promotion of social entrepreneurship through NABIL SSE
6	Investment board of Nepal	research in investment areas
7	South western University of Finance and Economics, China	Faculty exchange/ students exchange and Research collaboration
8	Birla Institute of Management and Technology, India	Academic / research collaboration
9	Skill lab	Career Service Center
10	Fourth Valley Concierge Corporation , TOKYO, PitPa Inc, and Lead-X Nepal	world 1st Cross Border - Digital Credentials Project
11	Genese Academy	Academic course on Cloud Computing
12	Bhanu Municipality , Tanahu, Nepal	Entrepreneurship development and social issues
13	Association of Management Development in South Asia	

#### Further Programs courses to be developed:

- Master of Business Administration in Cooperative Management & Entrepreneurship (MBA-CME)
- Executive Master of Business Administration (EMBA)
- Post Graduate Diploma in Environment, Social and Governance (ESG)
- Research Journal Publication

#### Prof. Dilli Raj Sharma, Ph.D.

Dean

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## Faculty of Law

The Faculty of Law is one of the oldest faculties of T.U. which was established in 1959 AD as an Institute of Law and it was renamed as the Faculty of Law in 1974 AD. However, the Law College was established in 1954 AD offering LL.B. courses with an affiliation to Patna University of India. After establishment of T.U., the Law College brought under the T.U. The Faculty of Law is located at Exhibition Road, Kathmandu in the downtown of Kathmandu Metropolitan City.

### Objectives:

The Faculty of Law, T.U. has following basic objective:

- To produce medium and high-level legal manpower to fulfill the demand in all sectors of the nation;
- To produce man power for legal profession and academics; and
- To produce man power for legal research.

The Faculty of Law offers the following academic Programs:

### Ph.D. (Doctor of Philosophy)

This programme was started in 1999 AD at this Faculty. Till now (1999-2023) approximately 127 students have enrolled in Ph. D. programme and 50 students have been awarded with Ph.D. Degree from this Faculty. The entrance test examination was introduced in 2021 and the students intending to get enrolled in Ph.D. programme should appear the entrance test. He/she should pass the entrance test.

### LL.M. (Master of Laws)–2 Years

This is a regular programme of Tribhuvan University. This programme started in 1997 AD in Nepal Law Campus. The person who has Bachelor's Degree in law is qualified to get admission in this programme through passing entrance exam. Currently, this programme is offered in two campuses in the Kathmandu Valley-Nepal Law Campus and the National Law College.

### LL.M (Master of Laws) – 3 Years

This is one of the special programmes offered by the Faculty of Law, T.U. This programme is offered at Nepal Law Campus only since 2012 AD. The person who desires to get admission in this programme should pass entrance exam. The entrance exam is same for both two years and three year's LL.M.

### LL.B. (Bachelor of Laws)

LL.B. is a three years programme for having bachelor's degree in any discipline. This programme is offered in all six constituent campuses and one affiliated campus named Rajendra Khetan College. The entrance exam is conducted for getting admission in this programme. Currently, more than 25000 students in three years have got admission.

### B.A.LL.B. (Bachelor of Arts-Bachelor of Laws)

This is a five-year and an integrated double degree programme started in 2010 AD. This is one of the special programmes of the Faculty of Law. Ten plus two graduates are qualified for admission in this programme after passing entrance exam. Only 280



students get admission each year.

In addition to above programs, there are two research centers under the Faculty of Law as follows:

**a. Centre for Human Rights (CHR):** The Center for Human Rights was established in 2058 (2001 AD) as a National Center under the Chairmanship of senior Professor of Human Rights Law. At present, the Center is headed by the Dean. There are two bodies in the Center: General Body and Standing Committee. The General Body is a regulatory body that makes policy decision and the Standing Committee is a working body that implements the decision of the General Body of the Center. There is a separate Management By-Laws to regulate the Center.

**b. Center for Environmental Law, Nepal (CEL, Nepal):** The Center for Environmental Law was established on June 05, 2002 AD on the occasion of the World Environment Day. The Center was chaired

by the Senior Professor of Environmental Law but at present the Dean is the Ex-officio Chairperson of the Center. There are two bodies in the Center: General Body and Standing Committee. The General Body is a regulatory body that makes policy decision and the Standing Committee is a working body that implements the decision of the General Body of the Center. The Center is a member of IUCN Academy of Environmental Law. There is a separate Management By-Laws to regulate the Center.

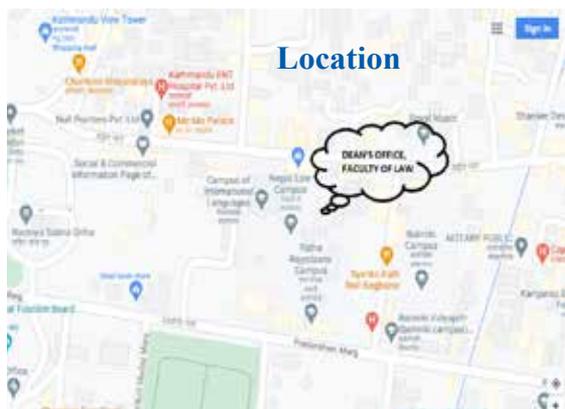
**Collaborations with other Universities and Law Schools:** Tribhuvan University has signed memorandum of understanding (MoU) with 140 universities across the world. For example, the University of Washington, Law School, St. Luis; The University of Nottingham, Law School, UK; University of Delhi, India, and the University of Kashmir and others. The University of Washington, Law School, St. Luis and The University of Nottingham, Law School, UK had teachers and students exchange programme for few years.

### Students and teaching faculties

In total there are approximately 8605 and more students study in constituent campuses and private campuses in different programmes run by the Faculty of Law whereas there are 60 permanent teachers working in different six constituent campuses and apart from these 30 teachers including course contract and part time teachers are currently teaching in various campuses.

### Physical Infrastructure

The official building of Faculty of Law is almost in the stage of completion at Balkhu behind the Office of the Controller of Examinations. The office will be soon moving in its own building from Exhibition Road to Balkhu.



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# Research Centres

## Centre for Economic Development & Administration

### Introduction

The Centre for Economic Development and Administration (CEDA) was established on May 15, 1969 under a tripartite agreement between Government of Nepal, Tribhuvan University and the Ford Foundation. Started as an autonomous institution, the Centre was later integrated into Tribhuvan University and given the status of an Institute on December 15, 1975 after the National Education System Plan (NESP) was implemented. Since then, CEDA has been serving as a policy-research centre contributing towards the national development policies and strategies. Similarly, the Centre's activities are basically confined to research, consultancy and training programmes.

### Objectives:

The goal of the Centre is to contribute to the nation building through analytical and problem solving works in the areas of socioeconomic and administrative development.

- To assist the policy makers in formulating and implementing the development policies, plans and programs;
- To provide the policy makers with conceptual, empirical and value premise for shaping the

development policies, plans and programs;

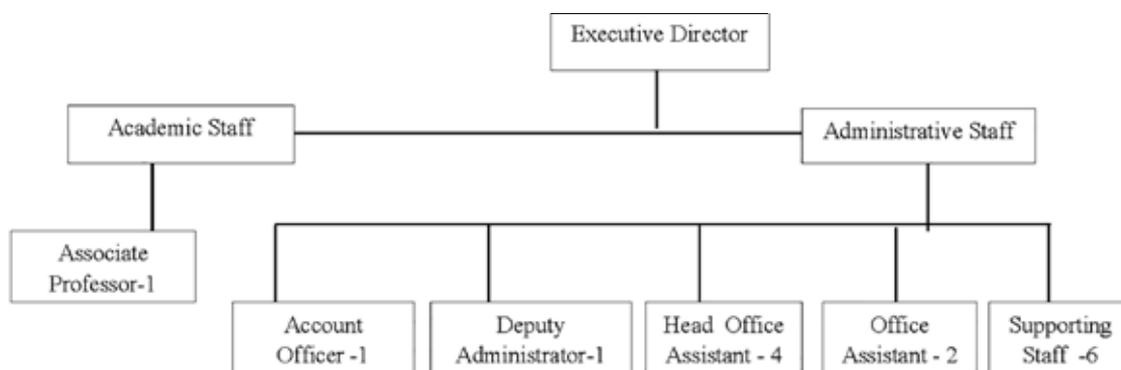
- To recommend the policy makers alternative policies, ideas and options;
- To foster intelligent and informed discussions on the issues and problems in the Nepalese public affair so as to promote and establish an enlightened, conscious and influential public opinion;
- To help various agencies of the Tribhuvan University in their diverse programs and to enhance their role in the national development; and
- To engage oneself with international collaboration in the study and pursuit of development changes.

### Research activities

CEDA has conducted more than five hundred research studies till now. The findings of the major research studies directly used for policy formulation, plan implementation, monitoring and evaluation. It has also completed about one and half dozen research studies related directly to Tribhuvan University. The status of latest research activities are as follows:

Year	Name of the Project	Donor Agency	Team Leader/Coordinator	Status
2020	A Study on Agricultural Enterprises, Value Chain and Livelihood Promotion,	University Grant Commission, (UGC) Nepal.	Prof. Dr. Sanjay Acharya	On-going
2022	COVID – 19 and Management Strategies in Tourism Industry of Nepal	Research Coordination and Development Council (RCDC), TU	Prof. Dr. Dhruva K. Gautam	On-going
2022	A National Study on Returnee Migrant Workers, Their Economic Whereabouts and potentialities in Economic Development of Nepal	Research Coordination and Development Council (RCDC), TU	Dr. Ramesh Chandra Poudel	On-going
2022	Assessment of Economic Implication of Indian Labor Migration in Nepal	Research Coordination and Development Council (RCDC), TU	Dr. Raghubir Bista	Project in pipe line

### Organizational Structure



### Publication

The Centre publishes research reports, bibliographies, case studies, seminar reports and occasional papers. It has its own half yearly newsletter, CEDA News through which the progress of the ongoing projects/ activities is made public. It has been publishing its bi-annual publication, Journal of Development and Administrative Studies (JODAS) since 1978. It is a double blind peer-reviewed scholarly and highly academic journal of Tribhuvan University. It publishes articles on development, economics, business, management and administrative problems of Nepal and that of other developing countries. The centre has so far brought out some five hundreds research reports including seminar proceedings.



**Prof. Arjun Kumar Baral, Ph.D.**

**Executive Director**

CEDA, Tribhuvan University

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## Centre for Nepal and Asian Studies

Centre for Nepal and Asian Studies (CNAS) established as Institute of Nepal and Asian Studies in 1972 and converted into CNAS in 1977, is one of the four research centers of Tribhuvan University. It is dedicated for research activity in the area of humanities and social sciences. It is located in the North West side of the university premises with its three storied building with 40 office rooms, two large and middle-sized seminar halls, a small meeting hall, a library cum documentation center and a computer library equipped with dozens of desktop computers with internet connection including printing and photocopying facilities. The center operates under the leadership of Executive Director, who is both academic and administrative head with numbers of researchers from History, Political Science, Sociology, Anthropology, Rural Development, Nepali, English and Culture etc. including administrative and accounting staff.

The major objectives of the center are to: plan and conduct research on the problems of national integration and the impact of modernization;

promote and undertake studies on current development issues, ethnic diversities, tradition, and change in political values, and cultural studies of Nepal and other Asian countries; undertake issue-specific research on environment studies, gender studies, population studies, and migration studies, applied linguistic and socio-linguistic studies; encourage academic exchanges with other research organizations both within and outside Nepal; act as a venue for contact, affiliation, and coordination of research activities of Nepalese and foreign scholars working on Nepalese studies; maintain a comprehensive bibliographic database of Nepal and SAARC and South Asia; organize national as well as international seminars on current political and security issues; and disseminate research works on Nepal through publications.

This center has been publishing a numbers of research reports, books and international journal (Contribution to Nepalese Studies, ISSN 0376-7574) from its establishment in the areas of history, culture, linguistic, religion, politics and



other diverse areas. Currently, the center has been carrying out numbers of faculty researches by the researchers within the center as well as collaborative researches with universities abroad in the field of history, politics, social and cultural change, education, folklore etc. A collaborative research between CNAS and Ministry for Youth and Sports on 'Feasibility Study of Sports University in Nepal' is ongoing. In addition, the center provides four mini-research fellowships every year to the full-time faculty members of Tribhuvan University, as well as one scholarship for PhD scholar associated with the faculty of humanities and social sciences in the area of international relations, social work, literature, society and culture. Furthermore, numbers of international researchers have been affiliated with this center in different field of research.

The center has international affiliation with National Centre for Scientific Research, France; Graduate School for International Development and Cooperation, Hiroshima University, Japan; Institute of Social and Cultural Anthropology, Oxford University, UK; The School of Oriental and African Studies (SOAS), University of London, UK, The School for International Training, Vermont, USA; Nityananda Institute,

Oregon, USA; Center for International exchange and Cooperation, Andong National University, South Korea etc. This center is an institutional member of UNESCO-ICCROM Asian Academy for Heritage Management.



**Mr. Mrigendra Bahadur Karki, PhD**

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# Research Centre for Applied Science and Technology

## Introduction

The Research Centre for Applied Science and Technology (RECAST) was established on September 8, 1977 (Bhadra 23, 2034 BS) within the organizational framework of Tribhuvan University (TU) according to the Tribhuvan University Act 1976. RECAST functioned as a secretariat to the National Council of Science and Technology (NCST), Government of Nepal till 1999. RECAST has been improving, adapting, producing, and disseminating appropriate technologies to maximize the utilization of natural resources for the overall development of the country.

The centre strives to establish partnerships with national and international academic institutions, industries, government, private sectors, and community-based organizations to address the needs of the country through innovation and sustainable technological development. RECAST provides consulting and analytical services to government, public, private sector, scientists, and local communities in natural products, building materials,

cosmetics, plastics, rubber, fuels, and equipment design. RECAST is equipped with advanced analytical (spectroscopic, microscopic, scanning calorimetric) and high-performance computing facilities.

## Objectives

- To conduct research in basic and applied sciences;
- To undertake research for the identification, development, conservation, utilization, and dissemination of local/indigenous technologies;
- To identify suitable exogenous technologies for Nepal and to explore their technological potential for technology transfer and adaptation;

## Human Resources, Research Area and Laboratories

We have currently 34 personnel including 15 full time faculty members, and 19 technical and administrative staff. We welcome enthusiastic students and young researchers from academic institutions to collaborate with us and provide mentorship and research facilities.

Our research areas include Appropriate Technologies



Designs and Developments, Biodiversity Conservation, Natural Products, Biotechnology, Food and Agriculture, Material Science and Nanotechnology and have following key laboratories and units.

- Applied Biotechnology Laboratory
- Applied Computational Sciences
- Biodiversity and Nature Conservation
- Documentation Unit
- Food Technology Laboratory
- Materials Science Laboratory
- Mechanical Workshop
- Nanotechnology Research Laboratory
- Natural Products Laboratory

### **Collaboration and International Linkage**

RECAST has established collaborations with the following national, regional, and international organizations:

- Asian Institute of Technology (AIT), Bangkok (1997-2003).
- Swedish International Development Co-operation Agency (SIDA) 1997-2003.

- FAO / Regional Wood Energy Development Programme (RWEDP), Bangkok 1987.
- Asia Regional Cook Stove Programme (ARECOP), Yogyakarta, Indonesia, JICA/JOCV, Japan 1987.
- The British Council and British Embassy on Oil bearing plants (*Jatropha curcas*) of Nepal in 1996-2005.
- USAID, Nepal on Phaphar, year 1990-1995.
- Functioned as focal point of Asia and Pacific Centre for Transfer of Technology (APCTT / UNESCAP), New Delhi and UNESCO/ASTINFO the regional office Bangkok.
- University College, Northampton and Oxford Brookes University, U.K, ITR, Switzerland and Karlsruhe University, Germany.
- Hamburg University and Tübingen University, Germany (Since 2013 to till now) to implement TREELINE research in Nepal Himalaya.
- Landscape Initiative: Kailash Sacred Landscape Conservation and Development Initiative (KSLCDI) and Kangchenjunga Landscape Conservation and Development Initiative with

Government of Nepal, Ministry of Forests and Environment (MoFE) and International Centre for Integrated Mountain Development (ICIMOD) since 2013 and 2015 respectively.

### Research Project

Year	Name of the Project	Supporting institution/agency
2022	Population and Phytochemical Studies of Commercially Threatened Medicinal Plants in Nepal	Research Coordination and Development Council (RCDC), Research Directorate, TU, Kirtipur
2022	Comprehensive Identification and Characterization of Lignocellulosic Natural Fibers of Nepal	Research Coordination and Development Council (RCDC), Research Directorate, TU, Kirtipur
2022	Developing New Composite Material by Blending Waste Commodity Plastics with Natural Fibers	Ministry of Education, Science and Technology, Nepal
2022	M substitution effects on structural, morphological and magnetic properties of SrFe <sub>12-x</sub> M <sub>x</sub> O <sub>19</sub> (M=Ag, Cu, Ni) materials for electronic appliances	University Grants Commission (UGC), Nepal
2022	Medicinal and Aromatic Plants (MAPS) Survey, their Conservation Assessment, and Physical Analysis in KSAFTER Site	Putalibazar-2, Syangja Gandaki Province
2023	Sensitivity and Response of Treeline Ecotones in the Nepal Himalaya to Climate Warming (TREELINE-II)	Hamburg University and Tübingen University, Germany

### Publication

Researchers of RECAST have published dozens of research papers in national and international peer-reviewed journals and organized several international and national conferences, interactions, and training programme.

The RECAST publishes its peer-reviewed journal, the Applied Science and Technology Annals (ASTA), dedicated to interdisciplinary areas related to science, technology and innovation. It also publishes newsletters, books, booklets, and information materials on different thematic areas of science and technology.



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# Research Centre for Educational Innovation and Development



## Introduction

Research Centre for Educational Innovation and Development (CERID) is a leading national research centre working in the field of education in Nepal. It is well dedicated to the promotion of education through educational research, training and innovative works. With the commitment of promoting quality education, this centre was established in 1975 under the National Education Committee, Government of Nepal. Later, it became a wing of Tribhuvan University in 1979, and has been governed by the rules and regulations of the university. These days, CERID is running as an autonomous body as per the decentralization policy of the university. With this arrangement, CERID can undertake research activities solely on its own or in collaboration with national and international institutions. Overall, its activities are directed towards undertaking policy research, educational innovations and relevant issue-based studies.

## Vision

CERID envisions becoming a leading educational research institution for enhancing the quality of education.

## Mission statement

- Establishing link between educational knowledge and development endeavours
- Developing human resource in the field of education at various levels
- Fulfillment of the needs of educational research-cum innovation required for national development

## Goals

- To generate research-based knowledge by undertaking research and evaluation activities as well as innovative experiments in various aspects of formal and non-formal education,
- To carry out research projects considering the link between education and development,
- To facilitate educational policy formation, planning and implementation,
- To develop the human resources required for implementing educational programmes,
- To disseminate and share experiences, ideas and information of educational importance by organizing conferences, seminars, workshops, and also by publishing reports, journals and newsletters.

## CERID's mode of operation

The Executive Director heads this research centre who is appointed by the university. The research centre runs under CERID Management and Development Council. Under the Decentralization Regulations of the university, CERID can exercise a great deal of autonomy in undertaking research and conducting activities on its own initiative.

Broad areas of research and innovation

- Basic school to higher education
- Curriculum, instructional materials and pedagogy
- Educational governance, organization, management, administration, monitoring and evaluation
- Non-formal education, early childhood development, religious and indigenous education

- Development of educational human resource
- ICT and education

### Collaborative relationship

CERID has undertaken various research studies in collaboration with different wings and ministries of the Government of Nepal including the National Planning Commission, Ministry of Education, Department of Education, and University Grants Commission of Nepal.

Internationally, it had established link with renowned universities such as University of Alberta (Canada), University of Massachusetts (USA), University of Liverpool (UK), National University of Educational Planning and Administration (India). CERID is in working to establish relationship with several international agencies – namely UNESCO, UNICEF, NORAD, etc. It is a member of some network organizations like International Institute of Educational Planning (IIEP), Paris, and Asian Network of Training and Research Institutions in Educational Planning (ANTRIEP).

### CERID's contributions in the past

CERID has undertaken very important research projects and innovative activities that have significantly contributed to the development of education and nation building in the context of Nepal. Some of the historically important works carried out under CERID are mentioned below.

- Literacy promotion initiatives:** CERID conducted an experimental project on New Approach to Adult Education Programme in the 1970s. Similarly, it undertook the World Education funded 3-year pilot project on Integrated Non-formal Education Programme – which included awareness raising as well as functional literacy.
- Instructional improvement:** In 1982, CERID collaborated with International Development Research Centre (IDRC), Canada, and undertook 3 nationally important experimental projects – namely Instructional Improvement in Primary Schools (1982-86); Learning Enhancement Through Language Enrichment (1987-91); and Pre-School Education for Better Nutrition (1992-94). These undertakings became very significant in the history of Education in Nepal – as the first project provided the groundwork for implementing “Primary Education Project”; the second one provided

adequate evidences and process for implementation of multilingual education in Nepal; and the third project became the base for community-based approach to holistic early childhood development in the country.

- Identifying educational barriers:** With the support of World Education Inc/USA, a three-year project was conducted in the 1980s on Determinants of Participation in Rural Nepal – which aimed to identify and assess the various factors affecting the participation of children in primary school classes.
- Linking non-formal education with income generation:** An important project was conducted in the early 1990s on Non-formal Education and Rural Income Generation for Chepang (Praja) Women and Youths, for which the prestigious ‘Raja Roy Award’ instituted by UNESCO Staff Association, Bangkok was conferred to CERID.
- Formative Research Project (FRP):** This project was started in 2001 and continued up to 2009. In the beginning, this project contributed to the second phase of Basic and Primary Education Project (BPEP II), and later on it contributed towards the implementation of Education for All (EFA) in the country. The project was undertaken with the technical support of Norway towards facilitating effective implementation of BPEP and EFA. The project was instrumental in bringing forward strategic research-based information and the process of implementation of educational reform programmes.
- Studies on community learning:** Some major research studies have been undertaken on Community Learning Centres (CLCs), which include: An Assessment of CLC Operation in Nepal (2004); and A Study on Community Ownership and External Intervention for Sustainability of Community Learning Centres in Nepal (2007) – supported by UNESCO Bangkok.
- Evaluation studies:** CERID has done a number of evaluation studies concerning educational programmes and policies, which include: (a) UNICEF-supported Education for Girls and Women in Nepal, (b) UNESCO-supported Education for Rural Development in Seti Zone, (c) USAID-supported Radio Education Teacher Training Project, and (d) FAO-supported Nutrition Education

and Vitamin A Project.

Similarly, other important studies undertaken in this connection include: Primary Education in Nepal: Progress towards Universalization (UNESCO-supported), Status of Universal Primary Education for Girls in Nepal, Mobilization of Teachers, Educators and their Organizations in Combating Child Labour, Promotion of Girls' Education through Recruitment and Training of Female Teachers, Study on Primary School Dropouts, and so on.

**viii) Survey studies:** Various educational surveys have been conducted in the past. Some important ones include: Parents'/Guardians' Knowledge, Attitude and Practices on Early Childhood Development and Primary Education (UNICEF-supported), Literacy Survey of Nepal (UNESCO supported), Early Learning and Development Standards (ELDS) survey, Water, Sanitation and Hygiene survey (UNICEF-supported), etc.

**ix) Knowledge dissemination through publication:** CERID has been playing role to disseminate knowledge and innovative ideas that bear on national educational issues and concerns. This role is visualized through the journals *Education and Development in English* and *Bikasko Nimti Shiksha in Nepali*. These journals contain articles written by reputed experts and specialists. Besides, *Journal of Early Childhood Development* has also been published by this centre from time to time. Useful teacher's manuals, handbooks, pictorials, storybooks, literacy materials etc. have also been published.

**x) Organizing seminars:** CERID's works are also concerned with organizing nationally important seminars and discussion events (including 'Dialogue Sessions') on the pertinent themes and issues of national importance. Right from the beginning of the institution in the 1970s, several such events have been organized every year. Some of such events have been organized by this institution alone, while others have been completed in partnership with Government of Nepal as well as international development partners including: UNESCO, UNICEF, Asia South Pacific Bureau of Adult Education (ASPBAE), Asian Programme of Educational Innovation for Development (APEID), etc.

## Research activities

The main research-related activities completed by CERID during 2013-19 are mentioned here under these main sub-headings: (i) higher education, (ii) school education, (iii) non-formal education, (iv) Nepalese language studies, (v) dialogue sessions

**i) Higher education:** Three studies have been completed on Nepalese higher education, entitled as: (1) A Study on Effectiveness of Engineering Education Programme Implementation; (2) Improving Students' Learning of English Through Teacher Participation in Action Research: The Case of Vocabulary and Reading Comprehension at B.Ed. Level; and (3) A Study on Effectiveness of BBA (Bachelor of Business Administration) and BIM (Bachelor of Information Management) Programme Implementation. The three studies were supported respectively by Institute of Engineering/Tribhuvan University, University Grants Commission/Nepal, and Faculty of Management/Tribhuvan University.

More recently, a study has been done by CERID entitled *Research-Teaching Interface: Situation Analysis of Tribhuvan University in Nepal (FY 2074/75)*, which attempted to explore how far the Deans Offices, Research Centres, constituent campuses and faculties of TU are engaged in research works and making publications. In addition, CERID has successfully conducted a training on Higher Education Planning and Administration (2018-19 & 2019-20), in support of University Grants Commission/Nepal – that was conducted for the Campus Chiefs of the country. In the same way, a study on Academic Performance in Higher Education: A Study on the Factors and Issues of Student Performance in Examination (completed in 2019) has been conducted in collaboration with University Grant Commission. CERID is also working this year on Policy Framing on Pedagogy and Research Management in Social Sciences and Education: Need Analysis in Higher Education in Nepal.

**ii) School education:** The project entitled Longitudinal Study on System Indicators (a part of Formative Research Project for School Sector Reform Programme) has been conducted by CERID for Department of Education (DOE), Government of Nepal every year. This project aims at identifying

the changing status of school situation in several indicators including the students' upgrading in schools. Another study entitled Baseline Survey for Promoting Safety and Security in Schools in Nepal was conducted with the support of Plan Nepal. Verification of Incentives Linked Indicators on Student Database was another project supported by Department of Education, Government of Nepal.

In the same way, a research entitled Promoting Quality Learning through Enhanced Multigrade Teaching in the Asia and Pacific was undertaken with the support of UNESCO Kathmandu. Another UNESCO-supported study was entitled Students' Cognitive Development at Primary Level Schools of Nepal: Study on the activities and provisions for cognitive development oriented learning. The study was undertaken to examine the current situation of children's cognitive learning in schools at the end of primary level (grade 5), and assess how far school education is functioning to facilitate children's cognitive learning.

**iii) Non-formal education:** With the support of Non-formal Education Centre (Ministry of Education), the project of preparing an Inventory of Non-formal Education Providers in Nepal was completed. In the Inventory, database of the NFE providers has been prepared that included the national as well as international agencies working for NFE promotion in Nepal. Another project supported by Non-formal Education Centre was entitled Mid-term Evaluation of Literacy and Livelihood Skill Development Project for Conflict Affected Women and Children.

**(iv) Nepalese language studies:** A study entitled Language shift in Nepal: A general study was undertaken in the fiscal year 2074/75, in collaboration with the Language Commission. This study has drawn some findings regarding how languages in Nepal are facing shift under the influence of media, market and migration. And, it has also explored how language shift is apparent across the generations. On this theme, another study has recently been conducted on Media Effects on Interlingual Shift: A Study on the Languages of Nepal (FY 2075/76). This study has shown how media influence is shaping interlingual shift in the languages of Nepal.

**(v) Dialogue sessions:** A series of dialogue sessions has been organized in CERID on Youth and Uncertainty

in Nepal (FY 2075/76), in collaboration with Action Aid Nepal. These dialogue sessions are being conducted and communicated to the concerned stakeholders including researchers, university teachers and students, policy makers and other interested people.

### Key Research Activities for the last five years

**(i) DLIs Verification (2018-2021):** In collaboration with Ministry of Education, Science and Technology (MoEST), Government of Nepal, CERID conducted SSDP DLIs verification for the Fiscal Year 2018/19, 2019/20 and 2020/21. It conducted first round (2017) and second round (2019) IEMIS verifications. These verifications were mainly based on large sample survey. IEMIS verification took place in 1647 schools across the country. Similarly, it also conducted a verification research on Out of School Children (OOSC), Pro-Poor Targeted Scholarship (PPTS) and Pro-Science Scholarship (PSS) in the FY 2019/20 and 2020/21 throughout the country.

**(ii) Family literacy and intergenerational learning (2019-2021):** In collaboration with the University of East Anglia, UK, the University of Santo Tomas, Philippines, University of Malawi, Malawi, Bahirdar University, Ethiopia, CERID conducted a research on family literacy and intergenerational learning. In Nepal, four communities that include Chamling Rai, Gurung, Brahmin-Kshatriya and Muslim were studied particularly targeting their culture, indigenous medicinal practices, language learning and the transfer of knowledge and skills into the younger generations. Besides the research report, CERID developed a policy brief, field documentary, and indigenous knowledge and skills documentation manual for orienting government bodies including Community Learning Centers (CLCs) to promote the transfer of local indigenous knowledge and skills and cultural values to the new generations.

**(iii) ReMALIC Research (2021-2022):** In collaboration with Open University London, University of Dhaka, Bangladesh, Ahfad University of Women, Sudan, Regional Centre of Teacher Training, Senegal and Monash college, Australia, CERID conducted a research entitled "Reaching out to Marginalised Populations in Under-resourced Countries". Two communities and the schools located at

were involved in this research. The research has explored the access, opportunity and experience of the school children of the Tharu community of Nawalparasi and squatter community of Kathmandu Metropolitan City on English language and technology.

- (iv) **Research in Sports (2021-2022):** In collaboration of Ministry of Youth and Sports, Government of Nepal, CERID conducted a research on the physical fitness of national players in the country. This is the first ever conducted research for exploring the existing physical fitness of the players and providing policy inputs and guidelines for the government of Nepal.
- (v) **Need Analysis in Higher Education (2020-2022):** With the research grants from the University Grants Commission, CERID conducted need analysis in higher education relating the major stakeholders including community and policy makers. The research is targeted to provide the policy inputs to the university executives to reframe higher education policy and programs in line with the needs of state, community and students and parents.
- (vi) **National Priority Research (2022-2024) :** Winning the competitive research grants from the Research Directorate of Tribhuvan University, CERID has been running a few national priority research studies in Nepal. Pedagogical inputs in online pedagogy in higher education (2022-2023), integrated curriculum implementation in Nepal (2022-2024), and the effectiveness of mid-day meal program in Nepal (2022-2024) are a few major research projects being undertaken. These research studies are all targeted to explore the existing status of the programs and provide policy inputs for the concerned stakeholders.

## Documentation

CERID has a library with 10716 books, 134 journals in the relevant academic areas, and 1300 research reports in the field of education. The main areas covered in this collection include educational policies, research methodology, teaching and pedagogy, science, economics, political science, language, environment, ecology, chemistry, physics, culture and religion.

## Human Resource

Working with the rules and regulations of Tribhuvan University, CERID has a group of well recognized and experienced faculty members having expertise in various areas of education. The faculty members are as listed below.

### Executive Director

Prof. Surendra Giri, Ph D (Health Education)

Researchers

Dr. Kamal Kumar Poudel (Associate Professor) (English Education)

Dr. Renu Thapa (Associate Professor) (Gender Education and Development)

Ms Indira Panta (Associate Professor) (Health Education)

Mr Raju Manandhar (Associate Professor), M.Sc. (Statistics)

Dr. Kamal Raj Devkota (Lecturer), M Ed (English Education)

Mr Dipak Khanal (Lecturer), M Ed (Education)

Mr Om Chandra Thasineku (Lecturer), (Population Studies)

Dr. Dev Raj Acharya (Lecturer), (Health Education)

Mr Indresh Thakur (Lecturer) (Maithili)

Mr. Mahendra Neupane (Lecturer) (Nepali Education)

Besides, CERID has a pool of experts in several specialization areas - including Early Childhood Education, Special Needs Education, Curriculum, Mathematics Education, Science Education, ICT (Information and Communication Technology) Education, Social Study, and so on. The pool of experts includes the human resource that can work in educational surveys, policy research as well as intervention studies. Rosters are built involving these experts from Tribhuvan University; and CERID makes arrangement to seek their service as required.

### Prof. Surendra Giri, PhD

Executive Director

CERID, TU

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Website: <http://www.cerid.org>

# Curriculum Development Centre

Curriculum Development Centre (CDC) was constituted in 2030 BS to develop curricula for various Faculties and Institutes of the University. Later, it also started to issue equivalence certificates to the students who have graduated from other universities in Nepal and different educational institutions of foreign countries. It has been reconstituted by the enactment of 2050 Rules for Organization and Academic Administration. It constitutes different committees to properly perform respective duties and functions as equivalence, credit transfer, grading, verification, and subject committee for the compulsory subjects. It has two sections: equivalence section and the credit transfer section.

Major duties and responsibilities of CDC under the rules and decisions of executive council include course design, modification, publications, and communication thereof, administer the equivalence process, verification of certificates of its own staff, supervision of the academic programs of foreign universities conducted in the country on the approval of the government of Nepal, develop standards and norms for equivalence on the approval of academic council. The nature of function of CDC is academic and administrative.

The CDC is led by the Executive Director under the umbrella of the Office of the Rector. It has two subject committees of compulsory subjects: Nepali and English. These subject committees are led by a chairperson who is selected from their respective subjects.

In collaboration with the subject committee, CDC not only develops compulsory curricula, but also conducts seminars, orientation programs and workshops to help implement the curricula in its true spirit. It also encourages teachers to write quality textbooks and/or other teaching materials. Moreover, CDC also works as a secretariat of the Equivalence Determination Committee Board which is led by the Rector of TU. It decides and provides equivalence to those academic certificates obtained from foreign universities. It has been providing institutional equivalence and grading

to the academic/institutional programs in Nepal running under the permission of the government of Nepal. CDC Executive Director is one of the board Members of the Academic Council.

The CDC also publishes an annual research journal, Curriculum Development Journal. It also publishes and sells the TU curricula and sets of TU rules and regulations.



## **Prof. Paras Nath Yadav, PhD**

Executive Director

Curriculum Development Centre (CDC), TU

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website : <https://tucdc.edu.np>

# TU Service Commission

The university has its own Service Commission headed by the Chairman. There are mainly two responsibilities of the commission:

- i) To administer competitive written examinations and interviews for the applicants who wish to enter the university service and recommend the successful candidates for appointment to positions of teaching and administration.
- ii) To administer required examinations for teachers and administrative staff of the university for their promotion and recommend the successful candidates for the appointment.

TU Service Commission, TU  
Kirtipur, Kathmandu, Nepal  
P.O.Box 8212  
Phone: 977-1- 4330841, Fax: 977-1- 4331705  
Email: chair@tusc.tu.edu.np  
Website: www.tuservicecommission.edu.np

# Appellate Commission

Tribhuvan University has an Appellate Commission to look into and give decisions on the appeals filed by university employees for their grievances and dissent on decisions and matters of appointments, promotions, divisional/sectional action, and so on.

**Mr. Indra Kharel**  
Chairman  
Appellate Commission, TU  
Central Administrative Building  
Kirtipur, Kathmandu, Nepal  
Phone: (977-1) 4330397  
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# Office of Academic Council

According to TU Act 2049 B.S. there is an Academic Council consisting of 50 members as follows:

- |   |   |   |
|---|---|---|
| 1. Vice Chancellor                          | - | Chairman  |
| 2. Rector                                   | - | Deputy Chairman   |
| 3. Registrar                                | - | Member  |
| 4. Deans of Institutes                      | - | Member  |
| 5. Deans of Faculties                       | - | Member  |
| 6. Heads of Subject Committees              |   | represented by at least one member from each Institute and Faculty -10 Member |
| 7. Other members from different disciplines | - | 28  |
| <b>Total</b>                                |   | <b>50</b>   |

## Main Functions

- To manage for meeting;
- To decide the curricula for the subjects to be studied and traded at the university;
- To ascertain the mode of examinations;
- To prescribe the eligibility criteria for the enrollment in the subjects to be taught at the university;
- To advise the Executive Council in academic matters;
- To formulate research policies;
- To approve the recommendations and decisions made by the Faculty Board for their implementation; and
- To carry out other identified functions

**Mrs. Nirmala Bhandari**  
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# Natural History Museum

Natural History Museum (NHM), Institute of Science and Technology, Tribhuvan University is situated on the lap of Swayambhu stupa, a world heritage site in the west hillock of Kathmandu valley. This museum was established in 1975 under the management of Institute of Science and Technology, Tribhuvan University, the objectives of collecting, preserving, conducting researches and displaying the natural heritage of our country to the academic world. The museum houses a number of biological and geological specimens. As mentioned in various displays shown in the museum, it is home to the Nepal's graceful collection of natural heritage. It enables people to explore collections for inspiration, learning and enjoyment. The foci of NHM are tracing, collecting and preserving the holistic natural artefacts on the subjects of Anthropology, Botany, Geography, Geology, Earth History, Zoology and many more like evolution, environmental issues and biodiversity. In addition, Natural History Museum is the scientific authority in fauna for CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora) since 1990.

## Objectives

- ❖ To collect and preserve floral, faunal, geological and other natural specimens from different parts of Nepal.
- ❖ To study and research or make provision for study and research on natural resources, ecology, environment of Nepal.
- ❖ To provide training on natural history of Nepal.
- ❖ To prepare documents of natural history and related fields.
- ❖ To establish collaborations with the business community, as well as other national and international natural history, educational, and environmental institutions / organizations.
- ❖ To create general interest on the conservation of natural heritages and related fields and to arise general consciousness against polluted environment and conserving natural resources.
- ❖ To create general awareness among country people on preservation, conservation and sustainable uses of the natural resources.

## Activities

### ❖ Public Programs

- We expand your knowledge of the natural world with our learning activities.
- We are changing our offer for adults to meet the needs of a wider audience.

### ❖ Community Groups

- The museum is a great resource for different community groups. Through relationships with local groups, we will develop a program to suit your community's needs. It includes fun and inspiring visits.
- Program for persons with disabilities.
- Our museum serves the people who are planning a volunteer work. The museum provides diverse opportunities to participate and learn.

### ❖ Cooperation

The museum works for the Government of Nepal to identify the individual species so that necessary legal actions are taken against the poachers and carriers of such items. The museum provides expert views on CITES, related issues to the Government of Nepal, Department of National Parks and Wildlife Conservation (DNPWC), District forest Office (s), Nepal Police, Armed Police Force and Nepalese army etc.

### ❖ Policy

Natural History Museum, Tribhuvan University inspires natural science research of national/international significance, serves a research and educational facilities with timely environmental information relating natural history to present-day environmental and cultural issues for both Nepalese and foreign researchers, connects the Nepali people with their own country's natural history, and delivers urgent message that the Nepalese themselves are trustees of this fragile natural heritage, promotes understanding of the evolution and diversity of flora and fauna of Nepal. The museum provides expert views on CITES, a forum for interaction and opportunities for collaboration and networking. Further, Natural History Museum hosts seminars for students and communities as well, inside and outside the museum.

### ❖ Publications

- Journal of Natural History Museum
- Journal articles
- Books
- Book chapters
- Dissertations
- Reports
- Other publications
- Presentations etc.

## Library and Publications

The Natural History Museum has its own library with

books, journals, periodicals and magazines on natural science related subjects. The library service is available during the working hours.

- ❖ The museum is continuously publishing *Journal of Natural History Museum* since its inception in 1977. This journal has the honor of being one of the oldest journals in the areas of biodiversity and nature conservation. The journal is circulated to major institutions of the world. The online version of volume 32 of the Journal has been successfully launched. Books, brochures and posters published by Natural History Museum are also available at the reception of the museum hall.

Resources. pp385-401.

- ❖ Dr. Ganesh Bahadur Thapa and Ms. Bimala Shaykya participated in 63<sup>rd</sup> Anniversary and 24<sup>th</sup> plant ceremony on the theme Environmental changes a challenge and plants for remedy. Organized by Department of Plant Resources. Held at Thapathali on 12<sup>th</sup> April 2023. Prof.Dr. Nirmala Pradhan also awarded from National Plants Award from NHM, Nepal.
- ❖ Museum Chief attended **virtual discussion** program “ASYCUDA Application linking with legal wildlife trade through CITES mechanisms” organized by South Asia Wildlife Enforcement Network (SAWEN)



- ❖ EntoCAP Project: In line with the MOU signed between Nepal Health Research Council and Natural History Museum, collection specimens of vector mosquitoes along with diagrammatic representations have been exhibited in a separate room at Natural History Museum. An awareness documentary has also been made in this regard by Natural History Museum.

### Research

- ❖ Thapa, G. B., and Pal, J (2022). Histopathology of the fish infected with epizootic ulcerative syndrome (EUS) in east Nepal. American Society for Microbiology (ASM Microbe), June 9-13, 2022 (Abstract accepted for presentation).
- ❖ Thapa, G. B and Pal, J. (2021). Bacteria Isolated from the Fishes Naturally Infected with Epizootic Ulcerative Syndrome (EUS) in Eastern Nepal. In Siwakoti, M., Mandal, T.N., Rai, S.K., Rai, S.K., Gautam, T.P., Aryal, H.P. & Limbu, K.P. (2021, eds.). *Integrating Biological Resources for Prosperity*. Botanical Society of Nepal, Nepal Biological Society and Department of Plant

Secretariat in February 15,2022. Wildlife Crime Control Section Department of National Park and Wildlife Conservation and several other webinars.

- ❖ Attended seminars, conferences, workshops, trainings (as a trainer also), meetings frequently in DNPWC as technical member of CITES, NAST, BP Planetarium and Museum etc.
- ❖ M.Sc. and PhD dissertation supervision by faculties.
- ❖ Completed a study on allelopathic effects of *Ageratum houstonianum* Mill. and *Parthenium hysterophorus* L. on seed germination and seedling growth of some crop plants in 2022. The funding was provided by University Grants Commission (UGC), Sanothimi, Bhaktapur.

### Meeting (s)

- ❖ Dr. Ganesh Bahadur Thapa attended a virtual meeting on “Consultation on EU proposals for submission to CITES CoP19” organized by European Commission, DG ENV.F3 –Global Environmental Cooperation& Multilateralism. 7 April 2022.

- ❖ Dr. Thapa participated and advised about CITES as invited guest in 39<sup>th</sup> Warden seminar on the theme “Partnership for Wildlife Conservations” and 21<sup>th</sup> buffer zone Management Committee president’s meeting (3 days) Organized by DNPWC, on 2-4 April, 2023 at Godawari, KTM.
- ❖ Participation in Owl conservation and awareness Program held in Ghodaghodi Kailali in 20-21 Falgun , 2079 as invited guest of friends of Nature.
- ❖ Participated in a talk program about legacy of Gudrun Corvnu, a German Geologist (who contributed the Archidiskodon to our museum in 2005) organized by conservationists in Patan Dhoka, Madan Puraskar Bhawan on December 2, 2022.
- ❖ Meeting with H.E. Hanan Goder, Ambassador of Israel for Nepal about collaborative work for conservations and innovations in Feb. 20, 2023.
- ❖ Talk program accomplished on Dengue vectors – By Israeli Prof. Dr. C. Schwartz and conservation s of Natural resources by Dr. G B Thapa among NHM staffs and Shalom club members (Former H.E. Anjan Shakya, ambassador of Nepal for Israel also present) . On the coordination of Israel Embassy, Nepal.
- ❖ Participated in an international webinar on: Metagenome assembly and characterization of a pooled human fecal reference (EMEA Broadcast)”. Pac Bio.2079.12.3 (17 March 2023).
- ❖ Participated in Ninth National Summit of Health and Population Scientists in Nepal held in 11-12 April 2023, Kathmandu Nepal Organised by NHRC.

#### Other works

- ❖ Setting and maintenance of CC camera in Museum Hall, Gates, EntoCap Room, lab, Store house and office building.
- ❖ Van and Motorcycle parking has just been constructed.
- ❖ Repairing of compound wall and lab/ library building premises floor has been completed and Museum hall construction and small ticket house and 6 toilets are set to start near main gate.
- ❖ NHM has organized taxidermy training for representative participants (15) of some National Parks, wildlife reserves and conservationists from 6. 30 to 7.23 for 17 days (1 week gap) by the help of renowned Taxidermist, Marco Fischer, from Erfurt Museum, Germany in the coordination of Dr. Narayan Kaju of Nepal Engineering college, Lalitpur.
- ❖ Provided internship for students from Trichandra Campus, Amrit Campus, Golden Gate International College etc. at Natural History Museum. Maintenance of the specimens along with preparation of electronic database regarding mammals, birds, reptiles,

amphibians, Fishes, butterflies, moths, and beetles have been completed so far.

#### Future Plans

The NHM building at Swayambhu requires the formulation of an immediate and express master plan based on the present day technology and construction of well designed building. Furthermore, officials with curatorial guidance need to be trained for better management of this museum. In addition to the traditional management of NHM, the 21<sup>st</sup> century requirement demands the content of the collections in the form of images, audio and visual effects and interactive exhibits. There should be persons who are able to design the exhibits in the form of high resolution images with detailed information via the internet also. This means that there should be departments that include audio–visual specialists, computer engineers, software designers, audience research and evaluation specialists, writers, editors etc.

It is true that organizations like this need funds for administration and development. There are several examples of fund raisings by production of souvenir items and sold to the viewers. The strategic location of NHM can be exploited to increase visitor inflow by marketing to the domestic and international tourists at the Swayambhunath Stupa. Keeping these points in view, immediate action plans could be formulated.

The only Natural History Museum of Nepal, which has a rich collection of natural heritage of our country, is in the process of scientific plans and policies to formulate a better and robust centre of learning to the general Nepalese public, students and researchers, foreigners, and to conserve our natural heritage for the sake of future generations.



#### Dr. Ganesh Bahadur Thapa Chief

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# Planning Directorate

Planning Directorate is one of the Directorates of Tribhuvan University under the office of the Vice Chancellor in which the Planning Director leads the Directorate. The main functions of the planning directorate include but not limited to:

- To prepare development plans, programs, and accumulate progress report of development projects executing at Tribhuvan University
- To finalize the programs and development budget of Tribhuvan University including of institute, faculty, research center and campuses.
- To keep close link with the University Grants Commission for implementing plans and policy of Tribhuvan University.
- To keep close relation with the Government of Nepal, Ministry of Education, Science and Technology, Ministry of Finance, National Planning Commission, and other national and international organizations for seeking necessary collaboration, support, and funding.
- To work being responsible unit to accomplish the objectives of Nurturing Excellence in Higher Education Program (NEHEP) facilitating to operate faculty competency development, staff capacity development, academic leadership sensitization, and digitalization at Tribhuvan University.
- To work to meet the missions and objectives of university and follow the directives of the Vice-Chancellor.

Planning Directorate is also the secretariat of Tribhuvan University Planning Council which performs advisory role focusing for preparing short-term and long-term plans, developing annual programs, and evaluating program implementation. The council consists of 29 members including representatives from National Planning Commission, Ministry of Finance, and Ministry of Education, Science and Technology wherein the Vice Chancellor, Rector, and Registrar of Tribhuvan University serve as chair, vice-chair, and member, respectively and the planning director work as a member-secretary. Generally, the council meets to discuss and approve the annual programs and budget. Then the approved programs and budget are put forward to Tribhuvan University Senate for approval.

Tribhuvan University offers wide range of academic programs covering broader areas of almost all discipline and confers Doctoral, MPhil, Master's, Post Graduate Diploma, and Bachelor's degrees under five institutes and four faculties. Nearly 88 percent students enroll for undergraduate levels (bachelor's and post graduate diploma level) and nearly 12 percent of total students of Tribhuvan University are studies in graduate levels (Master's, Mphil, PhD, Post Doc levels) in all faculties and institutes. Even though many programs are running at Tribhuvan University, these program related data are of different

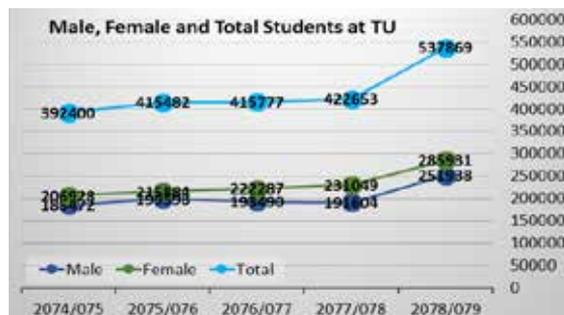
programs awarded in the convocation of 2079/80 (grace list), some programs are reaching to convocation stage will increase the program number of Tribhuvan University in near future.

Students' enrollment trend in TU has been increasing. In the last

**Different programs running at TU (2079/80)**

Institute/faculty	Bachelor	PGD	Master	M.phil	PhD	Total
1. FoHSS	2	3	23	7	13	48
2. FoM	11	1	15	2	2	31
3. FoE	4	0	16	1	4	25
4. FoL	2	0	1	0	1	4
5. IoST	5	0	14	1	7	27
6. IoE	10	0	27	0	6	43
7. IoAAS	3	0	15	0	1	19
8. IoF	1	0	6	0	1	8
9. IoM	13	0	34	0	12	59
<b>Total</b>	<b>51</b>	<b>4</b>	<b>151</b>	<b>11</b>	<b>47</b>	<b>264</b>

five-years, the enrollment in TU has increased by 15 percent. In the academic year of 2076/077, the number has increased by 0.07 per cent comparing to the academic year of 2077/078. This year, number of the students increased by 27 percent than the last year and reached 5,37,869 which indicates the first choice of the students and parents among other universities operating in the country. Among the students studying at Tribhuvan university, over one-half (54.67%) students are female.



The campuses/colleges affiliated to Tribhuvan University are spread across the country covering 76 districts of seven provinces. The highest number of institutions (graduate schools, central departments, and campuses/college) are in Bagmati province, followed by Koshi province, and Lumbini province. Among the large number of colleges, only 62 colleges are constituent colleges and remaining others are private and community college affiliated to Tribhuvan University. At present the university has 62 constituent campuses (other two are in pipeline to operate), 40 central departments, 4 departments, 4 schools, and scattiness of constituent campus with multiple and unitary role is depicted in the following table.

Constitute campuses of TU and its unitary and multiple programs with province (2080)				
S. N.	Province	Unitary campus	Multiple campus	Total
1	Koshi	4	8	12
2	Madesh	1	4	5

3	Bagmati (Outside Ktm Valley)	3	1	4
4	Bagmati (Ktm valley)	16	6	22
5	Gandaki	4	3	7
6	Lumbini	2	5	7
7	Karnali	0	2	2
8	Sudurpaschim	1	2	3
		31	31	62

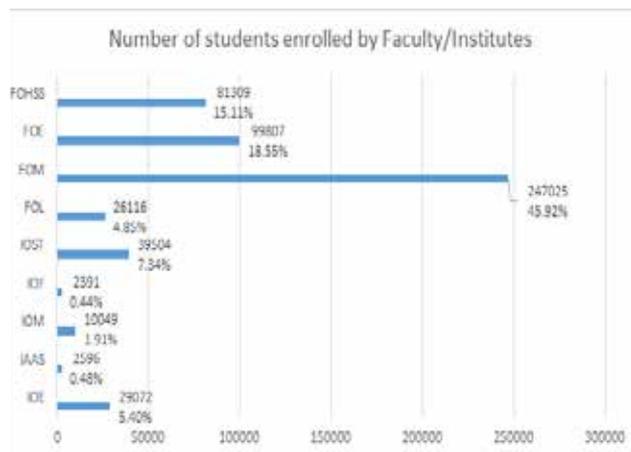
The dispersion of constituent unitary campus of Tribhuvan University indicates that seven campuses are of institute of medicine covers five provinces of Nepal, where as faculty of law, faculty of humanities and social science, faculty of management and faculty of education only spread to Kathmandu valley.

Unitary campus	Total	place			
Agriculture	4	Jhapa/Chitawan/Lamjung/Paklihawa			
Law	1	Kathmandu			
Humanities	3	Kathmandu/Kathmandu/Kathmandu			
Management	4	Kathmandu/Kathmandu/Kathmandu/kathmandu			
Education	2	Kathmandu/Bhaktapur			
Forestry	2	Makawanpur/Kaski			
Science	3	Dharan/kathmandu/Kanchanpur			
Engg	5	Dharan/lalitpur/kathmandu/pokhara/chitwan			
Medicine	7	biratnagar/birgunj/kritipur/maharajgunj/maharajgunj/pokhara/nepalgunj			
Total	31				

The affiliated colleges must be renewed as per their programs and faculties as well as institutes. The record of Tribhuvan university indicates that large number of colleges are affiliated with Faculty of Management (FoM), Faculty of Education (FoE), and faculty of Humanities and Social Sciences (FoHSS). The figure indicates the total list of renewed college under Institute of Science and Technology (IoST), Faculty of Management (FoM), Faculty of Education (FoE), and Faculty of Humanities and Social Sciences (FoHSS) excluding the affiliated college number of Institute of Medicine (IoM), Institute of Agriculture and Animal Sciences (IoAAS), Institute of Forestry (IoF), Institute of Engineering (IoE), and Faculty of Law (FoL). Within the 25 June 2023, altogether 883 affiliated colleges are renewed under all faculties and institutes in which largest number of management affiliated college are renewed as of 533, followed by faculty of education (512), and faculty of

humanities and social sciences (285). The renewed six colleges have four different programs of management, education, humanities and social science and science and technology.

	College No.
<b>Total Affiliated college renewed till dates (2080/3/25)</b>	<b>883</b>
Management affiliated renewed	533
Humanities affiliated renewed	285
Education affiliated renewed	512
Science affiliated renewed	68
Institute of Medicine affiliated	15
Institute of Engineering affiliated	10
Institute of Agriculture and Animal Science	03
Institute of Forestry affiliated	01
Faculty of Law affiliated	01
Management+Humanities+Education colleges.	99
Management+Humanities Colleges.	204
Management + Education College.	256
Humanities + Education.	126
Humanities+Education+Management+- Science.x	6



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# Open and Distance Education Centre

## Introduction

Open and Distance Education Centre of Tribhuvan University (ODEC, TU), established in 2015, is a constituent academic organization of TU that aims to provide quality higher education access to the wide range of individuals in Nepal and abroad through open and distance learning modes. ODEC has the mandate to facilitate and deliver higher education programs in all the subjects approved by the university. Growing demand of distance education both at home and abroad, conflicting schedule to attend the face-to-face mode of education for the working professionals, integration of Information and Communication Technology (ICT) in pedagogy and TU's policy to run dual mode programs including blended learning to serve the mass are some of the factors that justify the establishment of Open and Distance Education Centre (ODEC) in TU and its efforts are in the same direction.

## Objectives

The objectives of ODEC are:

- To provide access and quality in higher education to the wide range of people through open and distance learning modes.
- To establish and operationalize e-library (e-repository and e-resources) for distance and online mode of higher education.
- To establish a high quality and sustainable ICT infrastructure and develop it as a leading e-learning provider in the country for open and distance learning.
- To provide professional and non-academic courses as continuing education for the adults.
- To train professionals in e-learning, e-pedagogy and e-education.
- To conduct research, seminars, conferences with a particular focus on distance education, blended learning, technology integration and life-long learning.
- To collaborate with national and international organizations in different areas of education, research and innovations.

## Programs and Courses Offered

ODEC currently offers master's program in certain subjects of Faculty of Education. In the future, all the programs of TU will be run in dual mode as far as practicable. Current programs that ODEC offers include:

- 1) M. Ed. in English Education
- 2) M. Ed. in Mathematics Education

In addition to these two M. Ed. programs, ODEC also facilitates the implementation of blended mode of education run by other TU constituent units that include M. Phil. programs of Graduate School of Education, M. Ed. programs of Central Department of Education, M. A. programs of Ratna Rajya Campus and M. Ed. (Science) program of Mahendra Ratna Campus, Tahachal. The pedagogy of ODEC consists of a combination of a very short face-to-face orientation followed by a continuous interaction between students and teachers through virtual classroom. ODEC uses Moodle as the virtual learning platform in which students find the materials to read, comment and engage themselves in various tasks, exercises and activities.

## New Master's Program in Digital Pedagogy

Digital Nepal Framework (2019) includes digital integration as a core development agenda in higher education. It can be done through smart classrooms, online learning platform, EMIS, mobile learning centers and others, ODEC has been doing similar activities in TU's higher education. The digitalization in education has also received attention in Nepalese educational reforms as reflected in the policy and planning documents that include Open Education and Distance Learning Policy 2007, Directives on Distance Education/Open Learning Program 2007 with its third amendment (2014), Information and Communication Technology (ICT) in Education Master Plan 2013-2017 (Government of Nepal, Ministry of Education, Science and Technology MoEST) and Higher Education Policy Framework – 2018). Similarly, a recent Education Policy Document, 2020 has indicated the need for reforming the existing mode of teacher education by strengthening the pedagogical experience and focusing

on ICT and 21<sup>st</sup> century skills at all levels of education.

In this context, the traditional mode of teacher education needs to be reviewed and/or new modes of teacher education needs to be introduced with a focus on digitization, virtual learning, online resources and 21<sup>st</sup> century skills. Therefore, ODEC has developed a One-Year Graduate program focusing on Digital Pedagogy with a focus on the following competencies

- C-1. Exhibit professionalism through the knowledge of educational theories, policies, and practices.
- C-2. Demonstrate skills on the use of digital tools and technologies relevant to specific subject teaching and learning management
- C-3. Explore complexities of teaching and learning in diverse cultural setting and use inclusive pedagogy integrating digital tools and technologies in a responsive way
- C-4. Analyze the curriculum in reference to curriculum principles and demonstrate the ability to integrate 21st century skills in the implementation of the curriculum of the specific subject.
- C-5. Implement pedagogically sound practices in the classroom and student personalized learning management using ICTs
- C-6. Employ different assessment and evaluation techniques for formative and summative purpose with e-assessment system
- C-7. Treat students' learning deficiency using guidance and counselling techniques with the consideration of learning diversity and personal problems connected to culture, socio-economic status, gender, and other variable responsible for creating learning crisis.
- C-8. Use research approaches in identifying education and learning issues and prepare and execute plan for addressing them
- C-9. Apply proper communication skills with concerned stakeholders
- C-10. Engage creatively, critically, constructively on ideas with problem solving attitude and skills
- C-11. Prepare and use online learning management system with e-pedagogy and e-assessment in specific subject teaching
- C-12. Be fully acquainted on teacher's identity and changing world of teachers in the 21st century and act accordingly

## Research Activities

Open and Distance Education Center (ODEC) of Tribhuvan University in collaboration with the Center for Education and Human Resource Development (CEHRD), Ministry of Education, Science and Technology (MOEST) Nepal, is carrying out collaborative research entitled Students' Participation and Learning Achievement at Secondary Level During Pandemic and Beyond: Impact of Gender and Inclusive Pedagogical Approaches. The aim of this research is to develop a Nepali model of Gender and Inclusive Pedagogy (GIP) through a series of interventions

in the classroom and continuous engagement of the teachers in schools. This research is very urgent as inequalities in education are linked to students' poor participation and academic achievement at secondary school. The outbreak of the COVID-19 pandemic further exacerbates these inequalities, especially in low-income countries like Nepal. This research is expected to introduce an evidence-based, gender and inclusion-focused teacher professional development package to enhance teacher competency to address equity concerns and improve students' participation and learning achievement.

ODEC in collaboration with different universities in Nepal and abroad is also engaged in designing and implementing three professional development training modules to foster democratic values, non-discrimination, gender equality as well as pedagogic tools to combat radicalism for teacher teaching at higher education sectors to ensure that the teachers have the required skills, methodologies, and competences to do so. This programme will promote inclusive education through teacher training programs at all levels of education.



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# The University Campus

## Introduction

Tribhuvan University is the first higher education institution in Nepal. The University Campus (UC), located in Kirtipur, Kathmandu, serves as a hub for practically most of the Tribhuvan University's faculties and institutions. The majority of such faculties and institutions' central departments are located on University Campus. University Campus has been conducting the program to build the Campus a Center for Academic Excellence (CoE). There are many things yet to be done to make this University Campus to CoE. Research centers of Tribhuvan University are also located in the Campus premises. This University Campus Complex comprises almost all of the Central Departments and Research Centers. Central offices of the University are also located within its boundaries.

## Objectives

Some major objectives of the University Campus are as follows.

- The general objective is to raise the quality in research and teaching in order to improve its international competitiveness. The specific objectives are: To undertake and maintain world-class teaching and research in areas which are important to nation's development.
- To develop nation-wide multidisciplinary and multi-sectoral research partnerships that coordinate the research and development priorities of all partners.
- To create an enhanced technology and knowledge in order to improve the Nation's economic and social development.
- To establish link with International Academic centers and make CoE as an internationally reputed.
- To provide a high-quality environment for education and research in areas of national importance.
- To extend international collaboration for research, seminars, and conferences.
- To promote public-private partnership in the field of research and education.
- To enhance publishing articles in international peer-reviewed and citation indexed journals.

- To establish the link between University and industry for the application of research results.
- To reform teaching and learning modality for quality education involving both faculties and the students in research activities, and set uniform modality for MPhil and PhD programs.
- To set up and strengthen research laboratories and libraries with facilities that can cater/address national needs.

## Policies

The main policies of the University Campus are outlined as following to:

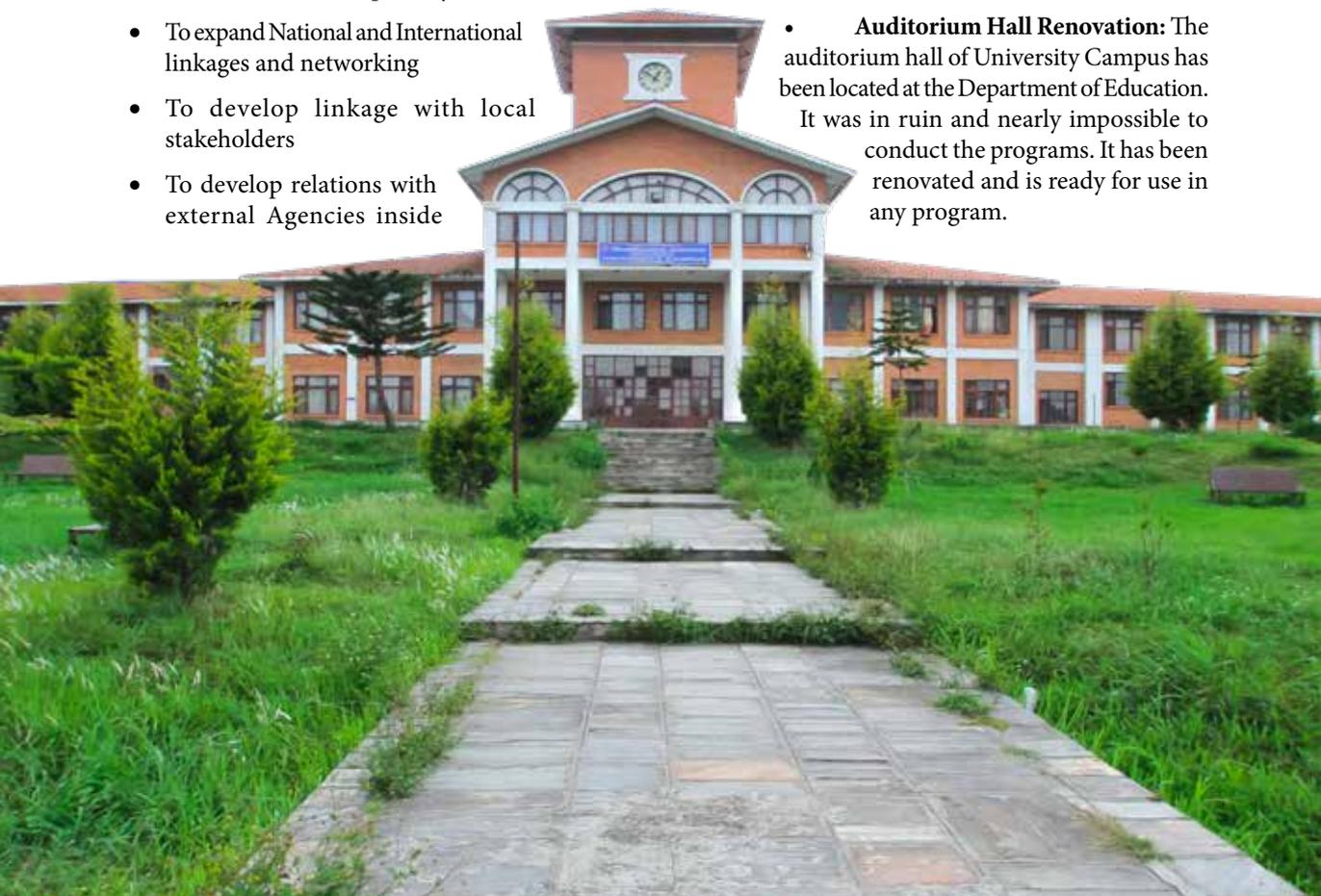
1. Develop Academic and Institutional Infrastructure
  2. Transform University Campus into Centre of National and International Repute
  3. Strengthen Financial Sustainability and Ensure Good Governance
  4. Strengthen Collaboration, Cooperation, Coordination and Competency with ??
  5. Recruit, Train and Motivate Competent Human Resources
- A. Develop Academic and Institutional Infrastructure
- To develop and implement land use and physical infrastructure plan
  - To renovate existing infrastructure
  - To introduce performance-based system in career development (motivate performing teaching and non-teaching staff)
  - To establish Central laboratory of S & T
  - To add basic infrastructure
  - To make attractive and clean environment in the premises of the UC
- B. Transform University Campus into Centre of National and International Repute
- To produce graduates equipped with skills, knowledge with positive attitudes, cultured, and sensitive to human values

- To enhance quality of academic administration and outside the country
  - To develop University Campus as knowledge enterprise
  - To run on-line academic programs
  - To stimulate faculties and students to use their time in productive ways (teaching, learning, research and working culture) while being in the Campus
- C. Strengthen Financial Sustainability and Ensure Good Governance
- To mobilize internal and external financial resources
  - To maintain financial discipline and accountability
  - To design and implement monitoring & evaluation mechanism
  - To protect University Complex by establishing strong security unit
- D. Strengthen Collaboration, Cooperation, Coordination and Competency
- To expand National and International linkages and networking
  - To develop linkage with local stakeholders
  - To develop relations with external Agencies inside
- E. Recruit, Train and Motivate Competent Human Resources
- To recruit and promote qualified and Competent researchers and teaching faculties
  - To recruit talent researchers and teachers
  - To maintain equity (gender, disability, caste, ethnic groups, backward regions)
  - To develop research and development capability of institutions and faculties
  - To strengthen security management in UC
  - To enhance academic quality of teaching faculties and efficiency of Administrative HR

### Activities

University Campus, Kirtipur has numerous administrative, academic, and physical infrastructural duties. Aside from the routine activities of the office, several other projects have been completed during this fiscal year. Some of the following activities have been performed during the current fiscal year:

- **Auditorium Hall Renovation:** The auditorium hall of University Campus has been located at the Department of Education. It was in ruin and nearly impossible to conduct the programs. It has been renovated and is ready for use in any program.



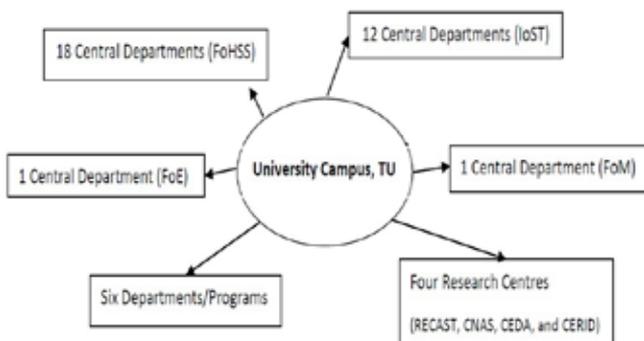
- **Election of Free Student Union:** On Chaitra 5, 2079, the University Campus successfully completed the election of the Free Student Union (FSU). The election was held on the same day that the results were reported using Electronic Voting Machines. It is a significant triumph for the University Campus, as the election has not been successful in 14 years. The FSU today has 21 members working under the leadership of Mr. Shyam Raj Ojha.
- **Food Audit:** The University Campus has conducted a “Food Audit” to evaluate if the food quality in the various canteens on Campus meets all quality and hygienic rules for handling and preparing food. Then, a workshop was organized for informing people about the results of the food audit. We found that there are various things that might be improved to make the food and water safer to consume. The Campus intends to build a large and high-quality canteen to serve national and international visitors.
- **Planning of “Centre for Academic Excellence”:** To establish the University Campus as a “Center for Academic Excellence,” the process of academic and physical development has begun. Some essential constructions, such as internal roads, beautifications, and clean drinking water management, have almost been completed. The academic plan and the Detail Project Report (DPR) are currently under construction.
- **Cleanliness Campaign:** Every Friday, this University Campus conducts a cleanliness campaign in partnership with Kirtipur Municipality and volunteers. Every Friday, a large number of individuals arrive and participate in the cleanliness program. The ninth week has arrived.
- **Hostel Renovation:** Boys’ and Girls’ hostels of the University are in deteriorated condition. The restrooms were ruined, the electric cables were unsecured, and the roofs were leaking. There were no fundamental criteria for pupils to stay into the hostel. The girls’ dorms have been renovated for very basic needs, and the boys’ hostel is still being renovated; the work is getting closer to completion.
- **Renovation of Public Toilets:** There are some public toilets in the University Campus. They

were in nearly ruined condition and lacked water. They have now been refurbished and made usable.

### University Campus Family

There are 32 Central Departments belonging to Humanities and Social sciences (FoHSS), Faculty of Education (FoE), Faculty of Management (FoM) and Institute of Science and Technology (IoST). The FoE has 1 Central Department and 15 subject specific departments and FoM has 1 Central Department with 6 subject specific departments. Likewise, the FoHSS has 18 Central Departments and 6 Departments/Program and IoST has 12 Central Departments. Similarly, there are four Research Centres: RECAST, CNAS, CEDA, and CERID within the premises of the University Campus.

**Block diagram 1:** Block diagram showing the brief information regarding the Central Departments, Departments, and research centers in University Campus.



This Campus is one of the central and leading Campuses of Tribhuvan University with modern teaching/ learning and research facilities as well as physical infrastructures such as class room, library, laboratory, cafeteria, health center, boys’ and girls’ hostel, sport complex, playground, auditorium hall, faculty quarters, and golden jubilee garden. The record available from different departments and the principal’s office, the number of faculties, administrative and utility staffs are listed in Table 1.

**Table 1:** Number of faculties, administrative and utility staffs in central departments, and principal’s office (excluding research centers).

Faculties/staffs	Number of faculties/ staffs	Total
Faculties	~ 590	~ 940
Administrative and utility Staffs	~ 350	

The University Campus runs Masters, M. Phil., and Ph. D. programs in different disciplines in the Central Department and Research Centers. From the data available of last years, the attraction in Ph. D. has been found flourishing. Dean offices, in coordination with corresponding central departments, have been working on it. Student Details for Ph. D., M Phil and Masters Level are listed in Table 2.

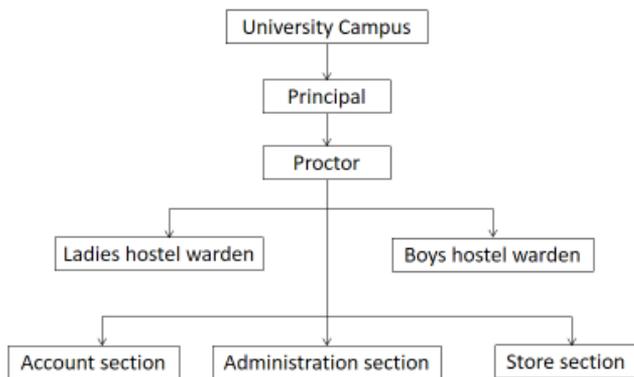
**Table 2:** Number of students in different levels of University Campus

Level	Student Number	Total
Ph. D. Students	~ 1257	~ 6572
M. Phil. Students	~ 315	
Masters Students	~ 5000	

Every organization has its fundamental structure incorporating leading and supplementary human resources, office sections etc. University Campus runs under the Principal's office. The organization of the University Campus is briefly shown in the block diagram 2.

**Block diagram 2:** Scheme of organizational structure

**Organizational Structure of University Campus, Kirtipur**



of University Campus, Tribhuvan University, Kirtipur, Kathmandu, Nepal

The Principal office of the University Campus is responsible for the coordination of administrative and academic programs in the Campus according to the University Vision, Mission, Goals, Objectives and Rules and Regulations.

**Vision**

The vision of the University Campus is to produce competent, competitive, productive and conscious

citizens in order to meet the demands of national and international markets by ensuring inclusive equitable and quality education opportunity to all citizens.

**Mission**

The mission is to impart standard higher education at the University Campus by developing it as a Centre of Excellence (CoE) and ensure that the Campus will be developed as the National Hub for teaching, research, and knowledge enterprise in the country with full institutional commitment, collaborative efforts among researchers, academics, government and development agencies giving momentum in disciplinary or interdisciplinary areas of research and teaching excellence. The CoE will focus on high quality Research and Education in different disciplines; world-class research program that is recognized for excellence in different fields, and training and development services extended to the academic institutions and the community at large at the national and international levels.

**Goal**

The goal of the University Campus is to concentrate on talents in the arena, mobilize private and public sectors and collaboratively apply the talents to the tasks of up-scaling high quality education and research for developing economy status and improving the quality of life of people.



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# Centre for International Relations

The Centre for International Relations (CIR) was formed within the structure of Tribhuvan University in April 1998 with the objective to nurture reciprocated understanding between TU and other academic institutions across the sphere. Tribhuvan University has been significantly contributing to the promotion of academic education in the country from the very beginning of its establishment i.e. since 1959, as a public university. In recent years, it has been determined to move towards an observation and research-based University for the fulfillment of the determination of transforming it instead of orchestrating with the traditional path of teaching activities ensuing the holistic education system TU has planned to build up its academic and research-related relationships with the leading universities and the institutions of the world.

Tribhuvan University, to cater for the need of the modern-day requirements of education, knowledge and skill and to significantly contribute the society – locally, nationally and internationally has moved on the path of the exchange of ideas and international cooperation. This includes supporting mobility across the globe to our faculty and students through various scholarship schemes like Erasmus and other means and supporting international research collaborations on the basis of academic interest and needs assessment. We are doing our best through our extensive and ever-expanding global links to serve the above-mentioned principles.

A foremost strategic goal of the Center is to uphold international interaction and collaboration with universities all over the world to upsurge academic quality and execution of its academic and research-based activities in priority areas. The major activities of the Centre include the exchange of ideas and talents to build collaborative relationships with worldwide educational communities. It seeks to construct and grow academic institutions by establishing reciprocated relationships with several universities, educational institutions and international organizations for the promotion and dissemination of academic accomplishments.

## Objectives of the Centre:

- Facilitation for bilateral/multilateral MoUs,
- Establishment of collaborative exchange programs,
- Encouragement to international researchers,
- Facilitation of study visas for international researchers,
- Assistance to provide supervisor and necessary academic consultations,
- Monitoring and evaluation of the programs, goodwill, and
- Providing assistance for the mobility of international student /staff and faculty exchange,
- Organize international seminars and conferences and exchange of publications, and
- Hosting for foreign researchers-affiliation with TU.

The collaboration of the TU with universities and higher education institutions throughout the world is ongoing. By means of its institutes/Faculties, Research Centers, Departments and Campuses TU has been carrying out different projects in collaboration with universities and higher education institutions. The collaboration includes academic programs student/staff mobility, conferences/seminars, joint publications, and the research projects under the facilitation of the Centre. The Centre has been coordinating and facilitating the following activities:

## International Students:

The international students who come to TU are of three categories: (i) Students who want to enroll on their own, (ii) Students sponsored by different educational institutions, and (iii) Students comes as a part of exchange programs under bilateral/multilateral agreements signed between TU and their home universities or institutions. The Centre provides required counselling and assistance to the international students. TU has established a credit transfer policy that would allow students to earn credits as well. If this policy is successful, TU might become a desirable educational Centre in the South

Asian region. Currently, international students are enrolled in courses in International languages (25), engineering (15), humanities and social sciences (7) science and technology (7), and medical sciences (456). Despite this, the Campus of International Language has 200 non-degree international students, attending international language classes.

### International Researchers:

Nepal is an ideal site because of its rich geographical, socio-cultural, and linguistic diversity. The ideal size of the international students is drawn to Tribhuvan University to conduct their research and study every year. A considerable number of researchers come to take normal courses as a part of their university's partial fulfilment. Similarly, researchers for degrees and non-degrees come to TU to instigate research. In the previous year, 97 overseas researchers enrolled for both degree and non-degree research, and approximately 37 have enrolled for research for this year.

The number of international researchers has been severely reduced in the years 2020 – 2021 due to the COVID-19 Pandemic. In recent months, many of those researchers who are formerly connected with TU have returned and resumed their research activities. In addition, a large number of international researchers are interested in affiliating with TU for the following year. They study in a variety of fields, including socio-economic study, language, religion, culture, ethnicity, economics, geography, environmental issues, rural development, health and medicine, and engineering.

### MOUs

Tribhuvan University has signed a Memorandum of Understanding (MOUs) with 167 universities of the different countries including Asia, Australia, Europe, Africa and North America. Namely, Kyoto University, and the Hokkaido University of Japan, University of Salzburg-Austria, University of Dhaka-Bangladesh, Jawaharlal University and Delhi University of India, Chinese Academy of Sciences-China, University of Heidelberg-Germany, University of Denmark, University of Padova-taly, Leiden University- Netherland, University of Bergen-Oslo-Norway, University of Colorado-USA. University Reading and the Bath University of UK, Singapore's Management University-Singapore, and

the University of Aveiro-Portugal, Vilnius University –Lithuania, University of Warsaw-Poland are among the world-class universities with which TU has signed a memorandum of understanding.

### Strategies

The CIR has planned a few short-term plans for Tribhuvan University's internationalization, including the construction of a two-story dormitory for the international students in the University Campus, Kirtipur. Similarly, in January 2021, The CIR drafted By-law to govern and standardize the research activities of international researchers. In addition, plans are in the works to offer summer or winter courses to attract short-term foreign students, stimulate research cooperation among the faculties of the institution and acceleration of the mobility and exchange of the students/staff/ teaching faculty. The CIR has made the policy to monitor the collaborative activities with the universities and the institutions with whom TU has signed MOUs.

#### Associate Prof. Binod Joshi

##### Executive Director

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# Student Welfare and Sports Directorate

## Introduction

Tribhuvan University has established Student Welfare and Sports Directorate to serve as an independent unit for the welfare of the students and for promoting their sports activities as a wing under the Rector's office. It also supports the students for their cultural and social activities for their physical and intellectual development. The Directorate is led by Director.

## Goals

Student Welfare and Sports Directorate has the following goals:

1. To develop annual plan for organizing and managing students' extra-curricular activities.
2. To conduct trainings, seminars and workshops focusing on extracurricular activities and student's welfare.
3. To promote sports activities in every campus, and facilitate to participate in international tournaments.
4. To prepare university sports team and provide trainings to participate in national and international university games.
5. To provide trainers and coaches to campuses/ colleges for facilitating the athletes.
6. To prepare guidelines for the students' scholarship and implement students' health insurance program.
7. To maintain cordial relationship between national student associations and organizations, sports bodies of international universities, and student exchange programme for sports activities.

8. To establish bilateral relationship between international universities and student exchange programme for the study and sports activities.
9. To work as the secretariat of Student Welfare Council and Free Students' Union election.
10. To prepare, execute and monitor effective directorates for Free Student Union election.
11. To activate, monitor, advice and provide necessary directions and guidelines for Student Welfare Committee and Student Welfare Chief.
12. To extend collaboration with individuals, organizations and universities for students' scholarship and establish Memorandum of Understanding (MOU) for further support.



## Activities

1. Provide scholarship for deserving students.
2. Prepare university directories for scholarships, hostel and sports.
3. Conduct students' election timely in different constituent and affiliated campuses.
4. Provide and facilitate health insurance for university students in constituent campuses.
5. Organize and support Extra-curricular activities for university students.



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# Information and Public Relation Division

Tribhuvan University Information Section has been reformed on May 15, 2015 into The Information and Public Relation Division under the office of the Registrar, TU. It is a formal body to make public necessary activities and information regarding educational, academic and administrative affairs of the university. At the central level of the university administration, this division is also responsible to make press release of the important policy decisions

of TU. The main functions of this division are as follows:

- To publish the monthly bulletin for the university.
- To publish the TU Annual Publication.
- To publish the TU brochure.
- To publish the TU Today.
- To publish the TU advertisements and notices.
- To provide news on important TU activities in the national news media.
- To produce audio-visual information on TU activities.
- To publish TU calendar and TU telephone directory.
- To run the official website of the university.
- To promote public relation .
- To flow information.

## Future Activities

- Collecting news on academic, educational, administrative, financial and planning matters of the university and broadcasting the matter on Television and the Radio.
- Collecting information regarding academic and non-academic staff, and students, and disseminating the message through different media.

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# Research Directorate

## Vision and Mission

The Research Division of Tribhuvan University, located within the University Central Office, was established in 1974. It was later renamed and restructured as the Research Directorate under the Rector's Office on May 15, 2015. The Directorate serves as the secretariat of the Research Coordination and Development Council (RCDC), which consists of twenty-seven members, including Deans, Executive Directors, Department Heads, Campus Chiefs, experienced professors, and research organizations of the government. The council is headed by the Rector of Tribhuvan University. The Directorate is an administrative apex body for academic research and acts as a research hub, which is responsible for regulating research activities, formulating research policies, and coordinating research-related tasks across all faculties, institutes, research centers, central departments, departments, master's programs, and campuses. It also monitors research performance, ensures quality, and promotes sustainability in the research activities of the university. Its primary policy is to promote the generation of new knowledge in interdisciplinary and multidisciplinary research areas that would be helpful in the development of the country. Furthermore, the Directorate is committed to creating a research-friendly environment at Tribhuvan University through fostering excellence in research, organizing workshops and seminars, facilitating coordination and networking among researchers, and making students, researchers, and faculty members of the university engaged in fundamental, as well as applied and collaborative research activities. It provides opportunities for faculty members to carry out mini-research projects, collaborative research, and research projects on national priority areas. Additionally, the Directorate coordinates research projects sponsored by external clients. It also supports students' research activities through dissertation grants. The faculty and staff members of the Directorate possess extensive experience in various research fields such as Science and Technology, Engineering, Forestry, Agriculture and Animal Sciences, Medicine, Humanities and Social Sciences, Management, Education, and Law. Since its establishment, the Directorate has been well-known for its interdisciplinary and multidisciplinary research activities.

In the context of the changes that have been brought about in the University to uplift its ranking to a world-class University, the Directorate has been given the responsibility to secure research funding from the government and facilitate Memorandums of Understanding (MOUs) with government research organizations. These efforts aim to engage TU faculty members and students in research and provide financial support to them. Furthermore, the Directorate also carries out responsibilities outlined in the management system of the Research Directorate, TU 2072 B.S.(2015).

## Goals

The Directorate has the following specific goals that aim to advance research and development activities at TU:

- Facilitating TU faculty members, students, and other national and international agencies in conducting various types of research, ranging from mini-research to national priority areas projects.
- Organizing workshops and seminars on research methodology and concurrent government sectoral policies.
- Coordinating research activities with national and international governmental and non-governmental agencies through Memorandum of Understanding (MOU) and Government-to-Government (G to G) research strategies.
- Establishing TU as a center of excellence through research and development.

## Research Activities

The Directorate has started providing different types of research grants. These include i) Small research grants, ii) National Priority Area Research (NPAR) Grants, iii) Research Endowment Fund. The NPAR grant has four categories ranging from one million to one hundred million NPR per project.

**Small Research Project:** One of the key research initiatives of the Directorate is the research capacity building of young and newly introduced faculty members and staff at TU by awarding mini-research grants each year since its establishment. The number and the amount of the grant are determined by the working committee of RCDC. Over time, these

numbers have been gradually increasing to adapt to the changing scenario. Last year, the Directorate awarded ninety-two projects, each with the grant amount of fifty thousand rupees. Since the Fiscal Year 2079/80, the amount of this grant has increased to two hundred thousand rupees.

**Research Endowment Fund:** For the first time in the history of TU, an initiative has been launched in the form of a Collaborative and Thesis/Dissertation Grant under the Research Endowment Fund generated from the interest accrued on fixed deposits. It aims to promote high-level academic research and interdisciplinary and multidisciplinary research to address national priority research issues in the country. Under the Research Endowment Fund, the Directorate, starting this year, awards two types of research grants, namely Collaborative Research and Thesis/Dissertation Research Grants. The Thesis/Dissertation Research Grant supports eleven faculty members and twenty master's students for their PhD and Master's theses, respectively, in the current academic year 2078/079. This initiative is part of a regular research program that is offered annually to TU faculties and students.

**National Priority Areas Research:** It is one of the most important grant types introduced in the fiscal year 2077/78. This grant is managed from the research fund of the Government through University Grants Commission, Nepal. This grant aims to carry out high-quality research in the priority areas of the government as specified in the current Five-Year Plan and other policies. It aims to carry out high-quality research and publication and evidence-based policy feedback to the government. There are four different categories, namely i) Emerging Faculty Research Grant (EFRG), ii) Major Research Grant (MRG), iii) Excellence Research Grant (ERG), and iv) Innovative Research Grant (IRG). The grant amounts are one million rupees (EFRG), two million rupees (MRG), Five million rupees (ERG) and Ten million rupees (IRG) for different categories. Altogether, 29 projects have been awarded in 2077/78 and 2078/79. In the fiscal year 2079/80, it has awarded grants to 30 research projects under the category of EFRG, MRG and ERG. In addition, three projects have been awarded under the category of Innovative Research Grant.

#### **Government to Government Research Program:**

It is widely acknowledged that Tribhuvan University (TU) possesses a qualified and efficient academic

human resource capable of promoting and enhancing innovative and policy research. However, one of the challenges faced by TU is the limited financial resources for research endeavors. Recognizing this, the Research Directorate has taken the initiative to secure research funding from the government by signing MOUs with different wings of ministries. As of now, TU has signed MOUs with the following three different research organizations of the Government:

**Nepal Health Research Council (NHRC), Government of Nepal:** TU signed an MOU with the Nepal Health Research Council (NHRC), Government of Nepal, on 31st June 2020 with the aim of safeguarding human health from existing pandemic diseases through scientific research. The collaboration aims to expand the scope of research and explore previously unexplored areas within the domain of human health. To effectively implement joint research endeavors, a six-member MOU implementing committee, consisting of three members from each organization, has been formed. The scope of the joint research work primarily focuses on both basic and applied research, with an emphasis on stem-cell technology, gene therapy, human genome, and gene sequencing.

**Social Welfare Council (SWC), Government of Nepal:** TU signed an MOU with the Social Welfare Council (SWC) on 11th February 2021. Through this MOU, the university supports the overall development of the nation through social welfare programs implemented by various social organizations and institutions. The objective of the MOU is to engage TU students at the Master's degree level and above in the monitoring and evaluation of projects approved by the SWC and implemented in different parts of the country. This initiative will provide TU students with opportunities for practical exposure and enhance their knowledge in the field of social development. On the other hand, students contribute to improving the status and work performance of more than 50,000 organizations associated with the Social Welfare Council.

**Policy Research Institute (PRI), Government of Nepal:** TU signed an MOU with the Policy Research Institute (PRI), a government policy think tank in Nepal, on 7th April 2021 with the aim to enhance public policies across various sectors of development plans. The MOU seeks to contribute to informed decision-making and policy formulation processes

by conducting science and evidence-based policy research. The scope of cooperation and support includes a focus on sectoral public policies, which entails conducting research, engaging in academic discourse and debates on public policies, organizing workshops to share knowledge and enhance research capacity, and hosting scientific conferences on topics of national importance.

## RESEARCH PUBLICATIONS

**Tribhuvan University Journal (TUI):** The Directorate publishes Tribhuvan University Journal (TUI), which is a multidisciplinary double-blind peer-reviewed journal. The journal is published biannually in June and December. TUI is indexed in NepJOL (<https://www.nepjol.info/index.php/TUI>), and the journal archive can be accessed on the NepJOL website. TUI released Volume 37, Number-1 (June 2022) and Number-2 (December 2022), consisting of twenty-one scholarly articles covering diverse fields of study. Currently, TUI is a JPPS-compliant journal with a DOI number assigned to each article. For TUI Volume 38, Numbers 1 (June 2023), research articles have been received, and the review process is currently underway.

**TUI: COVID-19 Special Issue:** Considering the recent COVID-19 pandemic, TUI has published a special issue on COVID-19 research (COVID-19 Vol 34, September 2020). The special issue consists of eleven papers from national and international scholars across various disciplines including medicine, science and technology, forestry, humanities, and social sciences. The primary objective of this special issue was to document scientific and innovative research findings on the causes, consequences, and impact of the COVID-19 pandemic on different aspects of society, including citizens, communities, and the nation.

**Research and Statistical Bulletin:** To facilitate the dissemination of research conducted by various researchers and organizations within the university, the Research Directorate publishes a Research Bulletin and a Statistical Bulletin including a comprehensive statistical profile of diverse university activities. This includes information on personnel, enrollment, budget, examinations, and research reports and books.

## RESEARCH WORKSHOPS

**Research Interaction Workshop:** The Research Directorate has been organizing research and

interaction workshops on a regular basis. In this context, it organized a half-day workshop in June 2022 at Rector's Office with the faculties enrolled under the fast-track program in TU. The newly appointed faculty members based on the academic merit participated and discussed about the research policies and research funding opportunities at TU.

Similarly, a half-day research interaction workshop was organized at Hotel Yellow Pagoda, Jamal on March 18, 2022. The workshop was attended by distinguished authorities of Tribhuvan University, including the Vice-Chancellor, Rector, and Registrar. Additionally, there were forty delegates present, including deans, members of the Expert Group, Executive Directors of Research Centers, members of the Research Policy Formulation Draft Committee, members of the Ethical Review Guidelines Draft Committee, and members of the National Priority Area Research Procedure and Guideline Formulation Draft Committee. The workshop's agenda focused on discussing the challenges faced during the launch of the National Priority Areas Research initiative. The focus was particularly on addressing the concerns and difficulties faced by researchers, reviewers, and the overall administrative and documentation process. The workshop revised the working procedure to ensure smoother implementation and broader coverage of the research initiative.

## Regional Level Research Methodology Workshop:

With the objective of disseminating skills and knowledge of research methodology at the regional level of the country, several workshops are being launched to orient and equip both teachers and staff members of the campuses with various components of research.

This year, the TU Grassroot Community of Scholars (TU-GCS) was encouraged to initiate a 3-month research capacity-building workshop. The workshop aimed to help young and novice researchers and faculties of TU and beyond in successfully writing research proposals and manuscripts for publication in standard journals. The workshop was conducted virtually on a volunteer basis, serving as an example of successful experimentation of a volunteer model of professional development networking and support in academia.

## POLICY WORKSHOP

A policy workshop was jointly organized by the Research Directorate, the secretariat of RCDC, and

the Policy Research Institute (PRI) on April 20, 2021. The workshop was attended by all 27 members of RCDC from TU, along with the members of the research expert group. The main objective of the workshop was to critically analyze the various dimensions of the National Research Policy 2077, which was drafted for the first time by the National Planning Commission (NPC), and discuss its successful implementation. During the workshop, three key expert speakers, Prof. Dr. Pitamber Sharma, Prof. Dr. Pushkar Bajracharya, and Prof. Dr. Pramod K Jha, along with the members of RCDC, presented twenty-two points/comments as inputs, suggestions, and feedback for the improvement of the policy and to make it executable. These suggestions were later submitted to Prof. Dr. Puspa Raj Kadel, the Honorable Vice-Chair of the National Planning Commission.

### **POLICY DOCUMENT PREPARATION**

**Tribhuvan University Research Policy:** A five-member Research Policy Formulation Draft Committee was formed, headed by Emeritus Prof. Dr. Ram Prasad Chaudhary. The committee consisted of members Prof. Dr. Rejina Maskey, Prof. Dr. Mahanand Chalise, Prof. Dr. Pushpa Kamal Subedi, and Executive Director of the Research Directorate Prof. Dr. Umesh Kumar Mandal as the member secretary. The committee has submitted the draft policy to the Chair of the Research Coordination and Development Council (RCDC) and the Rector of Tribhuvan University. Furthermore, it was sent to the members of the Research Expert Group for their comments and suggestions. The policy now requires broader consultation among stakeholders before its finalization.

**Formation of Ethical Review Board and Preparation of Ethical Review Guideline:** Tribhuvan University formulated the Research Ethics Review Operational Procedure, which was approved by the TU Executive Council in 2078 BS, and established an Ethical Review Board (ERB) in 2079 BS following the provisions outlined in the operational procedure. ERB is established under the Office of the Rector of TU and has its secretariat in Research Directorate. ERB-TU consists of seven members appointed by the TU Executive Council. The current board members are as follows:

- Chairperson - Prof. Dr. Kedar Prasad Rijal, Central Department of Environmental Science,

TU

- Member - Prof. Dr. Sushan Acharya, Central Department of Education, TU
- Member - Prof. Dr. Shiva Raj Adhikari, Central Department of Economics, TU
- Member - Prof. Dr. Mohan Raj Sharma, Institute of Medicine, TU
- Member - Dr. Meghnath Dhimal, Nepal Health Research Council, Government of Nepal
- Member - Ms. Shuva Laxmi Shakya, Deputy Mayor, Kirtipur Municipality
- Member Secretary - Prof. Dr. Prem Sagar Chapagain, Director, Research Directorate, TU

### **PROBLEMS AND WAY FORWARD**

In the ever-changing scenarios, the Research Directorate's role and responsibilities have expanded due to the active functioning of RCDC as the apex body of TU Research. Consequently, the Research Directorate, serving as the secretariat of RCDC, needs to be reoriented and fully equipped in terms of administrative and financial aspects to effectively carry out all research activities, publications, and workshops in a timely, efficient, and sustainable manner. Currently, the Directorate lacks essential resources, such as fast internet connectivity, IT-friendly research faculty and staff, and most importantly, infrastructure (digital equipment) necessary for a research-friendly Central Level University Research Coordinating Agency (CLURCA) to handle its expanded responsibilities. Likewise, the Directorate needs to increase annual funding budget. In this digital era, it is crucial for the Directorate to have its own Video Conferencing Hall, equipped with instruments, and a Website Portal for disseminating all research activities and publications to a global audience. Furthermore, the Directorate still needs to work to enhance the research culture in the university and to upgrade the quality of the TU Journal.

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# Monitoring Directorate

Monitoring Directorate, a newly established organ, was established after Tribhuvan University Executive Council passed TU Monitoring Directorate Regulation, 2073 on 5th Jestha 2074. After that, the Monitoring Committee Management System (MCMS), 2054 has been repealed. However, the tasks performed previously as per the MCMS, 2054 is considered as acted by Monitoring Directorate.

The Directorate office, which is constituted under the Chairperson of the Rector, comprises the Registrar as a Vice-chairperson, Deans (ex-officio members), seven members among TU teachers, two Deputy Directors and one Executive Director who also acts as member-secretary. To perform the regular work, there is a 5-member Task Performance Committee under the convenorship of the Executive Director.

It monitors and directs the works: academic, administrative, financial and other of different institutes, faculties, research centers, constituent and affiliated campuses of TU. It recommends to the Vice-Chancellor and to the Executive Council for the further development and improvement of the above mentioned works that supports to regularize/ implement TU Act, Rule, Regulation and decisions. Besides these, it also facilitates the contact and relation between the central office of TU and its concerned bodies/sectors.

In order to accomplish the above objectives, its functions are categorized as follows:

- To monitor whether the activities of institutes, faculties, research centers, constituent and affiliated colleges of TU, teachers and staff are as per the Law, Act, Bylaws and Decisions of TU and Executive Council or not;
- To grant the permission to the teachers and staff of TU to work in other organization in different shift;
- To monitor the presence of students and their results;
- To monitor the physical facilities of the institutes, faculties, research centers and campuses; and
- To follow the directions of the Vice-Chancellor and the Executive Council.

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# Coordination Division

Situated at the central office of Tribhuvan University, Co-ordination Division is one of the important divisions of the university. It is administered under the Rector's Office at Kirtipur. This division is mandated to carry out various activities to enhance the quality of teaching, learning and research of TU. The main responsibility of the division is to enhance quality education and to update their humanpower according to the global standard.

It has the following specific function:

- To give pre-approval and approval for study leave to teacher and staff as per the rules and regulations of TU;
- To promote its human resource development and welfare for teacher and staff by providing scholarship programmes for higher education and research;
- To manage and conduct pre-service and in-service training programmes and visit to foreign universities for administrative staff;
- To carry out the necessary procedures for nomination of candidates for scholarship provided by TU and different donors;

- To nominate teachers for higher studies and training in academic institutions abroad;
- To administer applications of permanent teachers for sabbatical leave;
- to carry out necessary procedures for student scholarships established by different donors;
- To proceed necessary correspondence for visa to foreign students, experts and volunteers;
- to assist the donors who are willing to offer prize and certificate to those students who have obtained highest grade and those who have written excellent thesis; and
- To assist central authorities, specially the Rector, in carrying out above stated programmes and activities including day-to-day affairs.

The division lies under the umbrella of Rector's Office. There are four units in this division. We provide deputation for teachers, faculties, professors and portfolios of our university for paper presentation at international forums, meetings, seminars and trainings and evaluation of participants of different international projects according to the provisions mentioned in MOU documents.

### Progress details of the fiscal year 2079/080

In order to maintain the quality of various educational programs run by Tribhuvan University, bring effectiveness to the services provided by TU, and make human resources productive in a timely manner, this Division (Coordination Division), by preparing the preamble of annual programs for each year under four units and getting approval from Human Resource Development and Welfare Council, has listed details of its services provided on in-service or service entry training, seminar, conference and experience exchange programs including study leave, self-study leave, approval of the nationally and internationally required work, visa for international students and volunteers as per need, free visa and study dependent visa fulfilling the required process and the correspondence with the Minister of Education.

#### Unit 1: Details about Visa, Required Work/Kaaj, Seminar, Conference

S.N.	From 2079/04/01 to present		Remarks
	Required work details	No.	
1	Required work (study, research, training, and conference)	176	

S.N.	From 2079/04/01 to present		
	Visa Details	New Admission	Extended deadline
1	Miscellaneous	33	3
2	Arrival Visa	0	0
3	Free Visa Categorized for TU	0	0
4	Official Visa	3	0
5	Free Visa for Study or Research	0	0
6	MBBS	0	1
7	M.D.	0	2
Total		36	6

#### Unit 2: Details about pre-approval, study leave, and additional study leave in the fiscal year 2079/080

##### 1. Details of pre-approval

S.N.	Month	Applied Number	Accepted Number
1	Till end of Posuh		35
2	Till end of Ashad		46

##### 2. Details of Study Leave

S.N.	Fiscal Year	Foreign Scholarship	With Own Expenses	Total
1	2079/080	14	43	57

##### 3. Details of Additional Study Leave

S.N.	Fiscal Year	Total	Remarks
1	2079/080	248	

4. In a similar way, a letter was sent to the Personnel Administration Division about the details of around 230 teachers and personnel at this time as per required regarding the compulsory retirement of the permanent teachers and personnel, who are working in TU., their resignation, and of those who have died.

**Unit 3: Progress details of the fiscal year 2079/080 about the Human Resource Development and Welfare Program conducted by TU., Coordination Division**

**1. Online in-service training and Service entry training**

S.N.	Details of Training	Number of Participants	Training Period
1	Main Assitant accountant training woring in Kathmandu Valley held in Tribhuvan University Central Library.	43 Member	From 2079/07/22 to 30
2	Inservice Training of Main Assitant accountant woring in Kathmandu Valley held in Center for South Asian Studies (CNAS)	33 Member	From 2079/09/20 to 28
3	Inservice Training of Main Librery Assistant and Library Assistant	40 Member	From 2079/10/10to 19
4	Inservice Staff Nurse Training	35 Member	From 2079/10/15 to 23
5	Inservice Training of Office Assistant	50 Member	From 2079/11/11 to 19
6	Inservice Training of Main Office Assistant and Office Assistant ( Included Sudurpschim Province, Karnali Provice, Lumbani Provice and Gandaki Provice )	Main Office Assistant : 27 Member Office Assistant : 21 Member	From 2080/01/05 to 13

**Seminar**

S.N	Seminar details	Total Participant
1	One day Seminar at Hotel Yellow Pagoda with the presence of Dean, Exeuctive Director, Director, Campus Chiefs, Chief of Central Departments and Division Chief	197
2	Seminar at Dhulikhel with presence of Division Chief of Tribhuvan University	18

**Scholarship on Annual Year 2079/2080**

S.N	Details	Scholarship	Remarks
1	Teacher - Ph.D	Internal -6 Open -9	
2	Teacher - Mphil	Open -2	
3	Staff	Mphil-2, Mastes - 1	

**Unit 4: Progress details about Self-study leave, and prizes in the fiscal year 2078/079**

1. Self-study leave was provided for three teachers, out of permanent teachers working in TU, who have demanded self-study leave for the enhancement and increase of their professional knowledge.
2. Similarly, a letter has been sent to the Personnel Administration Division as per required the details of about 230 teachers who have so far

been compulsorily retired, got resignation, and have died.

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# Tribhuvan University Central Library

## Introduction:

Tribhuvan University Central Library (TUCL), now considered as the biggest library in Nepal, was established in 1959 A.D. along with the university with the sole purpose of helping the university in attaining her objectives. At the time of its establishment, TUCL had a meager collection of only few hundred books. Ever since then, the collection kept on growing and, by now, after 62 years of its establishment, the collection exceeds 4,31,157 volumes of documents consisting of books, bound periodicals, theses, audio books and other documents. Located at the university's central campus premises in Kirtipur, Kathmandu, the present building was constructed in 1967 and after two decades and half, an annex building (nearly 3 times bigger than the original one) was constructed considering the growing number of documents and its ever-growing number of clientele.

Even though TUCL is an academic library, providing its services to university faculties, students and research scholars, It also functions as a public library to a great extent by means of offering services to government officials, other organizations and foreign scholars and even to the general public.

The library's main building remains open 8 hours a day and the annexed reading rooms outside the library are kept open for 12 hours a day except on public holiday. TUCL is planning to extend its opening hour up to 16 hours once the infrastructure is made sufficient and supportive.

## Objectives:

The sole objective of TUCL is to help its mother institution i.e. Tribhuvan University in attaining her objectives. Beside these, being the and the most reliable library in the nation, TUCL shoulders responsibility of attaining the following objectives:

- a. To preserve the intellectual heritage of the nation.
- b. To promote resource sharing, networking and exchange of databases.
- c. To provide documentation and information services and bring out relevant publications.
- d. To help develop T. U. libraries and promote scholarly

standards, guidelines and best practices.

- e. To promote professional expertise in information management for the librarians of all the colleges under the umbrella of Tribhuvan University.

## Functions:

To meet the above objectives, TUCL supports the university's teaching, learning and research activities by procuring relevant documents in accordance with the university's curricula and rendering various services to satisfy the clientele's needs. Generally, the library performs the following functions:

- a) Technical processing - to facilitate in organizing & browsing the documents.
- b) User education - to make the library clientele aware of its collection, organization and borrowing rules, services being rendered.
- c) Publications of serials lists, annual reports, bibliographies etc.
- d) Maintaining in house databases.
- e) Preserving the materials acquired and other materials of historical significance, and
- f) Conducting in-service trainings, seminars and other information dissemination activities etc.

## Collection and Sections:

Considering the type of functions and services to be rendered, TUCL has maintained many sections. The most prominent sections are:

1. Main section (course books for circulation purpose)
2. Reference section.
3. Textbooks section (course books for in-house use).
4. Nepal collection section. (books on Nepal and books published in Nepal are kept for archival purpose)
5. Theses / dissertations and village profiles section.
6. E-resources section
7. ISBN distribution and collection section
8. UN depository section.
9. Back volumes of periodicals section.



10. Old manuscripts, T.U. archive and rare books section.
11. Audio-books for visually impaired persons section.
12. Singh collection, American studies collection, Japanese collection, Chinese collection section
13. Other section: Acquisition section, Technical processing section, Circulation section, IT Section, Binding section and Administrative sections.

#### Services Rendered:

TUCL renders many services. Some of them are as follows.

1. Library orientation/ User education service
2. Circulation service
3. E-resources service
4. Periodicals service
5. Audio-books service for the Visually Impaired Persons (VIPs)

6. ISBN distribution service
7. CIP distribution service
8. Reference service
9. Theses, dissertations and other rare books service
10. Plagiarism checking
11. Users' advisory service etc.

#### Special Features:

- **ISBN National Agency:** Considering the TUCL's collection, humanpower and the variety of services being rendered to its clientele, in January 2000, the ISBN (International Standard Book Number) Headquarters designated TUCL as the only National agency for Nepal for distributing ISBNs. Over 45 thousand books have been added to this collection so far. TUCL has succeeded in making the online ISBN registration service.
- **UN Depository Library:** Since 1964, TUCL has been entrusted to serve as the only depository



library in Nepal for the publications of United Nations and her agencies, viz. ILO, IMF, UNESCO, UNICEF etc.

- **JSTOR and Project Muse Database:** TUCL has also been subscribing some prominent databases such as JSTOR and Project MUSE from the organization NeLIC (Nepal Library and Information Consortium). JSTOR provides thousands of peer-reviewed full text articles of scholarly journals in the humanities, social sciences and sciences. Similarly, Project MUSE provides access to online database of peer-reviewed academic journals and electronic books on humanities and social science contents.
- **TUCL has Renewed RemoteXs System and Purchased EBSCO's Database:** Due to the Covid-19 pandemic, TUCL has not been able to provide physical access to its resources to its readers for a long period of time. Hence, it has started providing the service to its users by subscribing to the ProQuest database with remote access system

(RemoteXs) on 18 November, 2020. This service is provided free of cost to all the faculty, students, staff & researchers of TU.

This year we have renewed only the RemoteXs system and subscribed to EBSCO's Academic database which is accessible through the Remote access system. In the Remote access system, other openly available databases like DOAJ, DOAB, UN Digital Library, NepJol etc. have been added. It helps the user to access other databases from the same dashboard.

- **MoU with ADB :** TUCL has signed a Memorandum of Understanding (MoU) with the Asian Development Bank on 24 November, 2020. The purpose of MoU is to provide access authority to its digital collection for the TUCL users. It has more than 3,00,000 digital resources available in its repository. Most of the books and reports published from the ADB on the various topics are available

in its repository.

- **MoU with NDLI:** TUCL has signed a Memorandum of Understanding (MoU) with National Digital Library of India (NDLI) for e-resources sharing and capacity building, on 23 November, 2020. In this digital repository, useful e-resources for the students, faculties & researchers of schools to universities are available. It has more than 4.5 crore resources like e-books, theses & dissertations, periodical journals, old questions, audio/video lectures, presentations, newspapers etc. in its repository. Database interface has support for 10 most widely used Indian language. It is sponsored and mentored by Ministry of Education, Government of India.
- **Manuscript Preservation Work:** TUCL signed MoU with University of Hamburg, Center for the Study of Manuscript Cultures (CSMC), Germany, on 4<sup>th</sup> March, 2020. The 10-month collaborative work has started on 5<sup>th</sup> January 2021. Two staffs from each of the both parties are collaborating in a regular basis. All the manuscripts are being preserved using acid-free cardboard boxes. The library has 621 manuscripts in the different subjects such as theology, yoga, literature, Ayurveda, grammar, philosophy, justice, history, etc. The materials seem to have been written in scripts such as Devanagari, Nepali language, KubhoBhujimol etc.
- **TUCL's Renewal of the License of Plagiarism Checker Software:** TUCL has purchased a license for plagiarism checking software from Turnitin Education Pvt. Ltd. India on the 1<sup>st</sup> July 2021. Currently, six thousand user IDs have been purchased for a year. According to the agreement of Turnitin Education Pvt. Ltd. India, it has renewed for the next one year. The secretariat has also provided the designated responsibility for anti-plagiarism software to TUCL. University has prepared its operational procedure and user manual. As mentioned in the procedure, the user IDs have been distributed to all units in Tribhuvan University. This service will help to detect and control the problem of plagiarism in academic works.
- **TUCL has Managed NepJOL Database:**  
Nepal Journals Online (NepJOL) is a database of peer reviewed scholarly journals of Nepalese origin

being hosted by TUCL itself. It was started in 2009 with the help of INASP, UK. Since April 1st 2018, it has become independent; however, INASP has been extending technical help when felt necessary. NepJOL provides service to the journals by hosting their content online and free access to all of them. The objective of NepJOL is to give worldwide visibility to the participating Nepalese scholarly journals. There are 320 journals have already been enlisted on NepJOL system. For more information please visit the site: <http://www.nepjol.info/>

- **TUCL has Developed e-Library Database:**

TUCL has developed own e-library database. For this, all M.Phil and Ph.D Level thesis and Master's degree dissertations submitted to the college, central departments, dean's office, to other Universities of Nepal as well as the theses submitted by Nepali scholars in the foreign Universities are collected and uploaded and are made available through the TUCL's e-library. More than 15 thousand theses and dissertations have been uploaded in e-library database and are given access to use. In the future, we are digitizing the TU archive, the rare books manuscripts, and other fragile documents and are uploading them to the e-library.

- **TUCL Publications:** In addition to all the services and other day to day works, TUCL does also publish some useful documents from time to time. So far, it has published 39 documents comprising mostly bibliographies, lists of journals, articles and research papers, abstracts, indexes, special catalogues in book form, technical tools for librarians. Annual reports, brochures and yearly compilation of periodicals' lists are its regular yearly publications.
- **CIP Distribution:** Like the Library of Congress and British library, TUCL does also prepare CIP (Cataloguing -In-Publications) and distributed to the books that are going to be published. It's usually done if only the authors or publishers approach for CIP. (CIP is bibliographic information of the book in card catalogue format printed on the back side of the title page).
- **Old manuscripts, TU Archive and Rare Books Section:** TUCL has maintained a section exclusively

dedicated to preserving Tribhuvan University's publications. In addition, TUCL has also been preserving the books that are deemed significant from the historical point of view. The library is planning to digitize all these documents in the future and give easy access to them online.

### Future Plans:

While retaining its glory of being biggest in collection as well as the varieties of services rendered to its clientele, TU Central library has yet to do a lot in the future in order to run itself in a modern way to



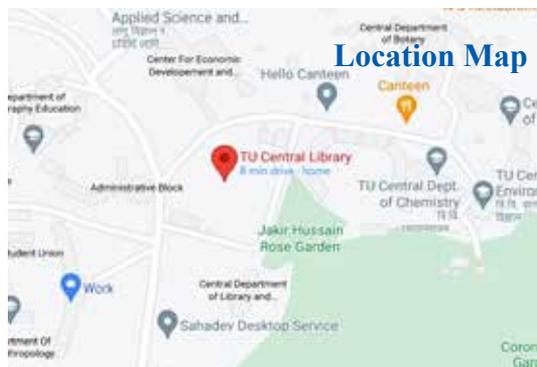
meet the ever-increasing demands of the ICT literate on modern society. For this, it has become imperative to introduce new equipment and mechanisms and also do something in capacity building of its staff to help the library clientele and staff to save their time during the technical and service rendering procedures. A lot has been achieved in the last f/y in terms of Physical, Content and Outreach programs and some are still being done and some are yet to be started afresh. Some of the plans that need to be materialized/ achieved in the future are:

1. Updating the TUCL's computer database by means of Retrospective conversion of the old card catalogues thereby totally replacing the card catalogues by computer databases.
2. Strengthening our E-Resources facilities, viz, NepJOL, NeLIC databases & E-books.
3. Introducing and replacing the bar-code system by RFID (Radio Frequency Identification technology).
4. Strengthening the professional expertise of TU

Central library's librarians by means of finding opportunities to attend national and international trainings/conferences.

5. Gathering the list of all the libraries of TU's constituent campuses disseminating the information about their collection, staff strength, services rendered and their requirements for further improvement.
6. Digitizing the TU archives, the rare books collection and other fragile documents.
7. Finding resources to establish an audio recording studio to produce audio books for VIPs.
8. Cataloguing the entire books of ISBN depository collection.
9. Digitizing the Village profiles.
10. Digitizing the entire theses and dissertations.
11. Installing the advance security System.
12. Updating the plagiarism checking software.
13. Safeguarding the manuscript collection

Apart from the above plans, building and strengthening relationship with national and international organizations etc. are also in the list to be done in addition to day-to-day administration and smooth running of the library.



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**Acting Chief,**

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# Office of the Controller of Examinations

## Introduction

Office of the Controller of Examinations (OCE), TU was established in 2016 B.S. (1959 A.D.) Initially, it functioned as an Examination Section at buildings of TU at Tripureshwar, Kathmandu. It was shifted to Jamal, Kathmandu, as a separate Division of Examination in 2028 (1972). It rose to a full-fledged Office of the Controller of Examinations in 2038(1982). Finally, it moved to its own buildings at Balkhu, Kathmandu.

The thirteen-member-Examination Improvement and Co-ordination Committee, chaired by Rector, makes policies regarding the improvement of examinations. The Central Examination Steering Committee, led by Registrar, supervises all activities of examinations. The OCE is headed by the Controller of Examinations, who is appointed by the Vice-Chancellor of the university. The Controller of Examinations is responsible for the overall management and administration of the OCE, and he/she is assisted by a team of Deputy Controllers and other support staff.

## Responsibility and duties

The OCE is responsible for designing the examination system for all academic programs offered by the university. This includes determining the examination schedule, setting the duration and format of the exams, and deciding on the number and type of questions to be included in the question

papers. The OCE also ensures that the examination system is fair, transparent, and objective, and that it meets the academic standards and requirements of the university.

The OCE prepares the question papers for all academic examinations conducted by the university. The question papers are designed to test the students' knowledge, understanding, and skills in the respective subjects. The OCE ensures that the question papers are of high quality and are relevant to the course curriculum conducting all academic examinations in a fair, transparent, and secure manner. This includes ensuring that the exam centers are equipped with adequate facilities and resources, that the examiners are trained and qualified, and that the examination process is free from any malpractice or cheating.

The OCE is responsible for evaluating the answer scripts of all academic exams conducted by the university. The answer scripts are evaluated by qualified examiners who are appointed by the OCE. The OCE ensures that the answer scripts are evaluated objectively and impartially, and that the evaluation process is transparent and fair publishing the results of all academic examinations conducted by the university. The results are published on the university's website and are also made available to the students through their respective colleges or institutions. The OCE ensures that the results are accurate and error-free, and that they are published within a reasonable timeframe.

The OCE is responsible for issuing certificates and transcripts to successful candidates. The certificates and transcripts are important documents that certify the students' academic achievements and qualifications. The OCE ensures that the certificates and transcripts are issued in a timely and efficient manner, and that they meet the academic standards and requirements of the university. To organize convocation ceremony to confer the certificates on graduates, Post-graduates, M.Phil. and Ph.D. graduates. The OCE keeps the record of examinations with high level of security.

### Conclusion

The Office of the Controller of Examinations plays a crucial role in managing the academic examinations and results of Tribhuvan University. The OCE has to manage a large number of students, ensure the quality and relevance of the examination system, prevent cheating and malpractice, meet strict deadlines,

manage technical issues, and address student complaints and grievances. Despite these challenges, the OCE strives to maintain the academic standards and integrity of the university and provide quality education to its students. To organize convocation ceremony to confer the certificates on graduates, Post-graduates, M.Phil. and Ph.D. graduates. To keep the record of examinations.

Mr. Pushpa Raj Joshi

Controller of Examinations

Office of the Controller of Examinations, TU

Balkhu, Kathmandu, Nepal

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Fax: 977-1-4277585

Email: [controllor@exam.tu.edu.np](mailto:controllor@exam.tu.edu.np)

Website: [www.tuexam.edu.np](http://www.tuexam.edu.np)



## Convocation

Tribhuvan University holds two types of convocations: regular and special. Regular convocation is held every year for conferring Bachelor's, Master's, Master in Philosophy (M.Phil.) and Ph.D degrees. The convocation is addressed by a scholar of national or international distinction. In special convocations, Honorary Degrees are conferred on nationally and internationally distinguished scholars.

# General Administration Division

The integrated mobilization of physical, financial, and human resources towards the achievement of organizational objectives is major function of General Administrative Division of TU. General administration consists of the accumulation of physical resources, their mobilization, and effective management.

Tribhuvan University is a large organization in Nepal with the objective of producing highly educated human resources required in various fields and conducting research to foster innovation. Different administrative divisions have been established in the TU central office under the registrar's office to support for the the achievement of TU's goals. Among them, the General Administration Division is one of the most important administrative divisions. The procurement of consumables, construction of buildings, maintenance of physical assets, store and asset management, security and transportation management, and utility service management are the main responsibilities of the General Administration Division.

To manage these administrative tasks, six internal units have been established under the General Administration Division: Internal Administration Unit, Procurement Unit, Property Management and Construction Unit, Maintenance and Event Management Unit, Store Unit, and Transportation and Security Unit. This division is headed by a first-class gazetted officer, and all units are headed by gazetted officers. All officers are responsible for performing the designated tasks according to TU rules and regulations.

**Mr. Raju Kumar Shrestha**

Chief

General Administration Division

Central Administration Building

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P.O.Box 8212

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# Office of the Chief Legal Adviser

The office of the chief of the legal adviser is an independent umbrella organization of the TU located centrally with its own identity and image in the premise of the Vice-Chancellor's office. Established in 2034 B.S. as one of the important wings of T.U., it works as a sole attorney of the university, advocating for the umbrella bodies. This assumes supreme authority in legal matters over four faculties, five institutes, sixty campuses, departments and research Centres-CEDA, CNAS, CERID and RECAST. In addition, it makes aware its esteemed bodies including heads of different faculties, teachers and staff about the duties and responsibilities they have to carry one and the different organizations of T.U. for the enforcement and enactment of the T.U. principles.

Besides, it recommends the authorities to take legal actions if any member of the organization violates rules and regulations. Above all, this organization advocates for teachers, staff and other constituent bodies if necessary. In short, the Chief of the Legal Adviser's Office represents the university as its legal authority and pleads as an advocate at the court on behalf of the university.

**Mr. Narayan Khanal**

Legal Adviser, TU

Vice-Chancellor's office

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# Financial Administration Division

## Introduction

The Financial Administration Division (FAD), situated at Kirtipur, Kathmandu is in the central financial authority of Tribhuvan University, under the office of the Registrar charged with the responsibilities of budgeting and accounting system along with managing the overall financial performance of the university. Moreover, the critical role of the division lies in the more rational allocation of the resources; better management of expenditure; enhanced mobilization of both internal and external resources; strengthening the fund capacity. Additionally, this division makes regular financial transactions, and coordinates and controls the economic activities to maintain the financial discipline of the entire university.

## Objectives:

This division has the main objective to perform good financial governance in the university to oversee and evaluate the overall financial performance of the university. The specific objectives are:

- to manage the budgetary system to ensure that the source has been efficiently mobilized and utilized as per the vision of the University.
- to explore the financial sources and to strengthen the funds for financial sustainability.
- to establish a Financial Control Mechanism (FCM) for maintaining financial discipline.
- to maintain Integrated Financial Information Management System (IFIMS) with particular focus on e-administration technology.

## Program and Service Rendered:

The Financial Administration Division is one of the core administrative divisions, responsible for the overall financial administration of Tribhuvan University. This Division specifically performs the following activities:

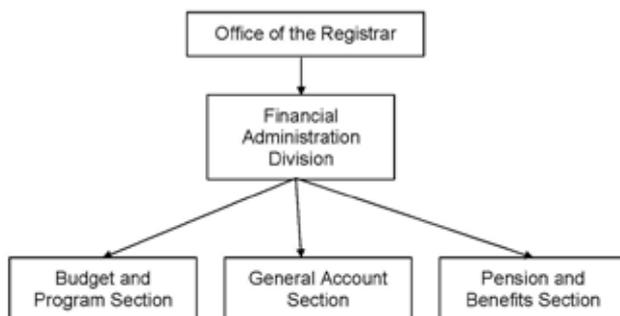
- Oversees and evaluates the overall financial performance of the university.
- Works for the formulation, implementation, and regulation of budget
- Plans for the allocation of financial resources
- Analyses the financial condition of the University
- Works for the formulation, implementation, and

monitoring of the Financial and Fiscal policy of the university

- Maintains the financial disciplines and controls revenue leakage;
- Manages the pension, gratuity, medical facilities, and retirement benefits
- Formulates financial control mechanisms to regulate the financial activities of Tribhuvan University
- Designs and implements relevant accounting forms to maintain transparency.
- Standardizes accounting systems as well as accounting technology
- Boosts the financial strategies for strengthening the economic condition of TU
- Manages and allocates different scholarship schemes for students
- Launches Programs for human resources development
- Promotes the financial well-being of its constituent campuses/offices
- Disseminates financial reports in an integrated manner.
- Coordinates with the Office of the Auditor General, Ministry of Finance, Ministry of Education, University Grant Commission, and concerned donor agencies and institutions

## Organizational Structure:

### Statement of intent and implementation:



This division has ensured the management of qualitative financial performance in accordance with the goal of the university. Most importantly, it focuses on meeting the objectives of this division.



### Employee Satisfaction and Clients Satisfaction:

FAD is consistently making efforts to motivate its employees to enhance their skills and efficient services via training, workshop, seminar, and meetings. It also believes on clients' satisfaction is the key factor to strengthen the financial system.

### Mr. Kumar Prasad Humagain

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## Secretariat of TU Senate and Executive Council

The TU Senate and Executive Council Office was established as a part of the Office of the Vice Chancellor at Tribhuvan University.

**Main Objectives:** The primary objective of the TU Senate and Executive Council Office is to act as a secretariat for the Tribhuvan University Senate and Executive Council.

**Specific Objectives:** The specific objectives of the office include:

- To prepare agendas for the TU Senate meetings and send decisions to the concerned agencies for necessary action.
- To make necessary preparations for holding the meetings of the TU Executive Council and prepare meeting minutes.
- To evaluate employee performance and ensure client satisfaction.

**Services Rendered:** The office provides the following services:

- Preparation of agenda and meeting minutes for the TU Senate and Executive Council.
- Coordination and implementation of decisions made by the TU Senate and Executive Council.

- Evaluation of employee performance and client satisfaction.

**Policy:** Statements of Intent and Implementations: The TU Senate and Executive Council Office follows the policies and regulations set by the Tribhuvan University Senate and Executive Council.

**Evaluation System:** Employee's Performance and Clients Satisfaction: The TU Senate and Executive Council Office evaluates employee performance and ensures client satisfaction through regular performance evaluations and feedback mechanisms.

**Prospective Enhancements:** The TU Senate and Executive Council Office is constantly seeking to enhance its services and operations by adopting new technologies and improving its performance evaluation mechanisms.

### Mr. Bishnu Prasad Aryal

#### Chief

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Website and Link: <https://tu.edu.np/pages/executive-council-office-202>

# Audit Division

This Division under the office of Registrar, Tribhuvan University, conducts internal audit of the financial transaction of all the units of Tribhuvan University. It is a central administrative division at the Central Office, Kirtipur, Kathmandu, Nepal.

The key role of this division is to perform internal audit, to provide management services to the University and to consolidate system management independently for objective evaluation of internal controls over all business activities. It gives priority to reviewing the validity of financial and other management information, in compliance with applicable laws and policies, effective and efficient operations.

## Objectives:

- To provide independent and Quality Audit Services to the organization
- To assist in compliance with the existing laws
- To evaluate the suitability and reliability of internal control system of the organization
- To provide necessary suggestions for solving and improving problems
- To check whether the rules, regulations and laws have been followed or not
- To shrink for make a single decision
- To coordinate the activities of external auditors
- To prepare easy environment for final audit
- To remove the irregularities raised by the auditor general
- To solve the problems before it gets complicated
- To keep non-compliance (beruju) records
- To ensure good governance in financial activities in TU

## Functions:

- performing internal audit of regular units as well as special projects for the TU management
- investigating and making inquiries into various complaints
- presenting the audit reports published by Auditor General Office of Government of Nepal to the authority with recommendations to remove irregularities
- preventing irregularities
- Installing programmes for Non-compliance Database Management System (NDMS)
- formulating Auditing Manual and Auditing, Directories
- recommending necessary action for violating in financial transaction
- conducting Financial Accounting, Administrative

and auditing training /workshop periodically

- provides clearance for retired persons
- Detect financial irregularities and report to the management to help speedily action.
- Investigating reported occurrences of fraud, embezzlement, theft, waste, misappropriations as and when required,

## Organizational Structure of Audit Division

There are two units in the audit division.

- Internal Audit Unit
- Beruji Settlement Unit

## Mr. Puspa Narayan Shrestha, Chief

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Email: chief.ad@tu.edu.np



# Personnel Administration Division

## Introduction

There is an Employees Administration Division in the central office under the Registrar's Office. The Staff Administration Division works under the Registrar. The Staff Administration Division is the central body responsible for managing the teachers and employees working in various campuses, offices, central departments and other subordinate offices under Tribhuvan University.

## Teacher Staff Post Creation and Management Sections

- To recommend the creation of necessary posts for teacher and staffs in different campuses and offices of the university as per requirement
- To recommended the executive council for the fulfillment of vacant post of teachers and staffs on time
- To arrange for appointment and posting of teachers staffs recommended by TU service commission
- To manage appointment for new and promoted teachers staffs.
- To arrange the transfer to teachers and staffs necessarily
- To maintain the proper record of teachers and staffs working at different offices under university
- To do other necessary works concerning with teachers staffs.

## Position and Gratuity Section

- To give information to the concern teacher staff about their retirement six months before retirement date
- To maintain proper record of teacher staffs appointment, transfer, promotion, punishment, leave and other as per requirement
- To arrange to provide pension, Gratuity and other benefits as per TU Rules and regulations
- To maintain digital record keeping of management teachers and personnel's
- To do other miscellaneous works as per the requirement

## Internal Administration Section

- To perform transfer of personnel, contract period extension of staffs those who are working in central office and different central departments

- To maintain the monthly attendance record of the staffs
- To maintain the leave records of the staffs
- To provide identity card to the teachers and staffs
- To perform other miscellaneous works as per the requirement

## Contract Teachers Management Section

- To make an arrangement for appointing teachers on contract or part time basis for all the bodies of TU
- To extend the period of contract of teacher those who are moving on contract as per requirements
- To make an arrangement of paid or unpaid deputation from TU to other institutions;
- To make an arrangement to provide Gratuity and lease of foreign teachers
- To manage internal deputation of contract teachers
- To make an arrangement of deputation of staff other than those working in the central office and to carry out miscellaneous works

## Action and Reward Section

- To make action against teachers who violate norms and code of conduct
- To carry out the procedure to give Medal for long service and for Educational prize
- To conduct other miscellaneous works as per requirements

## Registration and Transit Section

- To register and send letter to be processed from the division

## Academic and Administrative Support Personnel

Tribhuvan University has 5656 teachers and 4516 staffs' employees working as teaching, administrative and supporting staff in different offices of the university

### Mr. Bhim Bahadur Shrestha Chief

Personnel Administration Division, TU  
Central Administrative Building

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**T.U. Press**

TU Press functions under the Registrar's Office, and is situated inside the boundary of University Campus, Kirtipur. It has been taking the responsibility of printing various materials of TU Central Office, TU Service Commission, Institutes and Faculty Dean's Office, Central Departments, Research Centers and all the Campuses of Tribhuvan University within Kathmandu Valley. Among them, more than 70% printing works order comes from Office of the Controller of Examination, such as answer sheets of different levels of examinations and various forms???. It also prints different kinds of forms. Besides that, the press prints text books, curriculum, different kinds of Journals of Institutes, Faculties, Central Departments, Campuses and Journals of different Professors' Association of TU. The press also prints Research Journals, Bulletins, Calendar, and Pocket Telephone Directory, Brochures, TU Smarika, TU Today and necessary academic and administrative documents of TU.

To provide printing facilities to costumer, there are three buildings, six printing machines, five of them are offset machines and one letter press, one quality automatic binding machine, one quality automatic sensible cutting machine, one general cutting machine, one soundless generator, one 20X30 size digital Plate Making Machine, four Electrical Stitching Machine two perforating machine, some small hand stitching machines and many kinds of equipments.

Construction of new building of TU Press is in process under National Reconstruction Authority, Central Project Implementation Unit. Considering the lack of quality printing machines in the printing press, the process of purchasing two new quality multi colour and two single colour offset machines has been taken forward.

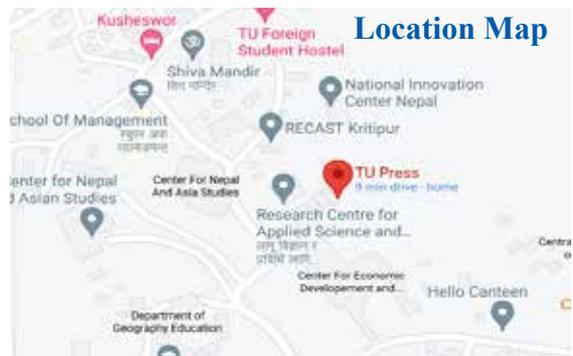
Future plans of TU Press are as follows:

- To deliver quality printing services.
- To develop it in a competitive manner.
- To minimize the cost price of printing.
- To establish it as a unique university press.

**Mr. Man Bahadur Bhatta**  
Chief

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# Information Technology Innovation Centre

## Introduction

Originally Information Technology Centre at Tribhuvan University was established in 2016 with the objective of providing information technology service to the University in teaching learning process as well as in decision making. With the same objective and robust vision IT center was renamed as IT Innovation Center (ITIC) in 2021 with decision from TU executive council.

As Information Technology Innovation center, we are intended to solve any technology related problem of Tribhuvan University. The main objectives of ITIC are:

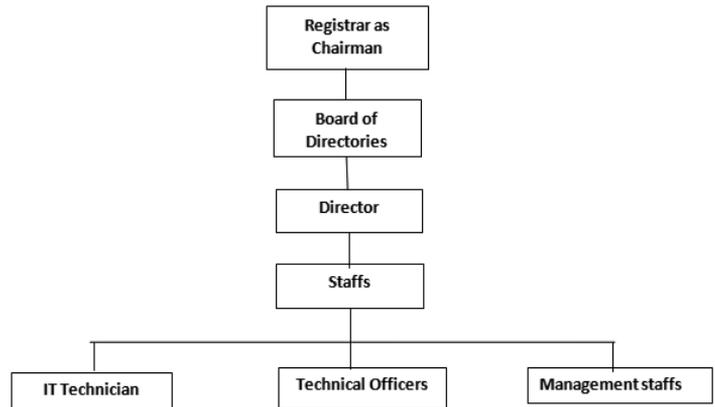
1. ICT Infrastructure development of Tribhuvan University;
2. Work as Center ISP for the university
3. Work as main Data center of the university;
4. Managing E-Learning and email system of faculties, staffs, and students;
5. Provide ICT consulting services.

This is the age of information technology. Effective education at higher level is not possible without the proper access of information technology. TU comprises different faculties, institutes, departments and research centers through which it has been providing higher education in different disciplines since 1959AD. ITIC is providing strong internet connection of 300 Mbps, to each TU central office, Central departments, Universities premises and office of Examination Controllers, on sharing. Information and technology innovation centre is playing a vital role in teaching and learning method of higher education. ITIC is supporting e-learning platform by hosting different type of related software in ITIC data center. ITIC is also providing ICT consulting services to TU. Also center has been working as central ICT unit of TU and manage email system as well as support virtual learning platform. With the intension of producing student of Research based education system, ITIC has made Memorandum of Understanding with Nepal Research and Education Network (NREN). For the scalability of data center ITIC have taken access to

the government cloud provided by Department of Information Technology (DoIT).

## The Organizational Structure of ITIC

In order to provide quality education at higher level, intranet, internet and wireless network facilities should be provided effectively. This centre



is planning to establish its own wireless networking in three phases. In the first phase, the wireless networking will be accomplished at TU Central Office, University Campus premises and Office of Examination Controllers. In the second phase, the campuses within in the Kathmandu valley will be connected by the wireless networking. In the third phase, remaining campuses all over the country will be connected to the wireless network.

To enhance the quality of service provided by the center, we take survey of consumers and feedback provided by them are consider in further planning making process for the betterment of the service. For the advancement of the university, Information Technology Innovation Centre will always play a great role by bringing latest information technology to the university in the days ahead.

**Prof. Subarna Shakya, PhD**

Director

Information Technology Innovation Centre

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# Centre for Quality Assurance and Accreditation

## INTRODUCTION

The system of Quality Assurance and Accreditation (QAA) in Nepal has been introduced since 2007. The increasing number of Higher Education Institutions (HEIs) willing to align under QAA process itself is an indication of broadening scope of QAA system in the country. The QAA has already been a core concern and a priority on higher education development in Tribhuvan University (TU). Realizing the importance of the QAA, TU has established the Centre for Quality Assurance and Accreditation (TU-QAA Centre) in 2017 AD as its only branch to assure the quality and facilitate to accredit its constituent campuses/central departments/schools. Quality Assurance (QA) mainly focuses on standard. It is concerned with all the essential key aspects of the whole Higher Education (HE) structure which include: HE institutional requisite capacity, Academic curricula, Teaching and learning weightage and methodology, Research requirement, Student assessment and examination system, and other academic infrastructures and environment.

QAA is broadly focused on academic programmes, HEIs developments and quality enhancement. The QAA process is the mandatory policy implementation in Tribhuvan University. It ultimately aims to maximize or improve the overall quality of academic programmes and institutional capability by increasing value and gaining high institutional image. It is believed that quality assurance is key component for internationalisation of higher education and thus the TU-QAA Centre is also involving in international collaboration (e.g. Erasmus+ Programme). HEIs plays the vital role in preparing and facilitating the skilled, knowledgeable workforce who are placing more importance on internationalisation of university education.

**Goals:** (a) to achieve standards of excellence in teaching and learning to produce skilled and competent graduates (b) to achieve standards of the central departments and constituent campuses and (c) to maintain and develop adequate infrastructure of the central departments and constituent campuses

**Objectives:** (a) to promote and upgrade the quality of HE (b) to develop existing academic programmes to

the level of international standard to meet the need of globalization of education and labour market and (c) to maximize QA or improve overall quality on academic programmes and institutional capacity in boosting achievement of student and institutional output

## QAA IN TRIBHUVAN UNIVERSITY

The quality of some programmes such as Medicine, Engineering, Law etc. under the Tribhuvan University have been assured audited and accredited by their professional councils. The faculties or institutes such as Science and Technology, Agriculture and Animal Science, Forestry, Education, Management, Humanities and Social Sciences, other constituent campuses and central departments do not have professional councils and their graduates have been left unaudited and unaccredited. Moreover, the goodwill and identity of the institutions need to be uplifted and assured. Therefore, Tribhuvan University has an established QAA Centre (TU-QAAC) to assure audit and help to accredit its constituent campuses/central departments/schools. In this context, Nepalese education and its university should be upgraded and promoted. In order to compete the quality education, the practices and recognition of Quality Assurance and Accreditation (QAA) can play the vital determining and decisive role. In view of these facts, the QAA Centre in TU has prepared the framework of guidelines and other pre-requisites necessary for QAA.

## QAA Procedure

QAA procedure consists of a four-stage process, which is a combination of self-study and peer review. The implementation of new indicators of QAA system are starting soon by the University Grants Commission (UGC) which includes six major criteria: (1) Governance and Leadership, (2) Curriculum Management, (3) Research, (4) Knowledge Generation and Extension / Outreach, (4) Physical Resources, (5) Students Support Services and Wellbeing, (6) Human Resource. In General, the four stages of QAA procedures are as follows:

## Submission of a Letter of Intent (LoI)

The HEIs willing to participate in the QAA process have to submit a Letter of Intent (LoI) in the specified

format along with the information and determine the eligibility. QAAD, UGC Nepal has developed manuals and guidelines for eligible institutions to complete the entire process of self-assessment. Eligibility criteria and documents to be submitted with LoI Form are available in UGC website (<https://www.ugcnepal.edu.np/>).

### Preparation for the Submission of Self-Study Report (SSR)

The eligible institution itself has to prepare the Self-Study Report (SSR): Preparation of SSR is an internal exercise for the participating institutions expected to be done with honesty, self-trust and confidence. It aims at providing opportunity for the institutions to measure their effectiveness and efficiency, and identifying core strengths and weakness. After submission of the SSR report to Centre for Quality Assurance and Accreditation of Tribhuvan University, the centre will evaluate the SSR report by the Expert Team through the internal pre-visit to respective HEIs and recommend the HEIs to complete SSR report by the peer review process of the UGC.

### Peer Review

After receiving the formal SSR report from the participating institution, the Quality Assurance and Accreditation Council (QAAC) of UGC Nepal forms a Peer Review Team (PRT) to evaluate

the QAA status based on the SSR and visit the institution and inspect the patterns of evidence to validate the SSR through observation and interaction with the people concerned in the respective institution.

### Final Decision for Accreditation

The QAAC-UGC, Nepal reviews the PRT report and recommends to UGC for the accreditation status. UGC gives final decision.

### Institutional Arrangement of QAA System in Tribhuvan University

- Executive Board of TU
- Internal Quality Assurance Committee of TU (TU-IQAC)
- Centre for QAA of TU (TU-QAAC)
- QAA Expert Committee/Roster of QAA Experts

### Dr. Prem Bahadur Thapa Director

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*Tribhuvan University, Centre for Quality Assurance and Accreditation (Office of the Rector)*

# Tribhuvan University Alumni Association Nepal

## Introduction

Tribhuvan University Alumni Association Nepal (TUAAN) is an association of students who graduated from Tribhuvan University (TU). TUAAN is established under the “TU Alumni Association Directives-2074” which was approved by the TU Executive Council under the chairmanship of the Vice-chancellor on November 28, 2017. TUAAN aims to unite and network with all the TU graduates, build up continuous interaction, and work towards the welfare of TU, society, and the country. The office of TUAAN is located at the TU Memorial building in Kirtipur, Kathmandu.

## The VMGO of TUAAN

The vision of TUAAN is “Helping to enhance the lifetime relationship of all alumni with Tribhuvan University and work together for the benefit of each other” with the mission “To work for the welfare of alumni and the TU”. The main goal of TUAAN is “to promote the welfare and effectiveness of Tribhuvan University through the optimum utilization of alumni resources for the sustainable development and empowerment of TU”. The TUAAN has specific objectives to provide a forum for members of TU alumni throughout the world to interact and sustain a sense of belongingness through mutually beneficial contacts and to provide avenues for drawing upon the knowledge and expertise of the alumni for furthering the TU as a center of excellence. It also aims to generate academic, physical, and financial resources to establish and promote the core principles of TUAAN.

## Who are eligible for membership?

An individual who has received a degree of either D. Lit., Post Doc, PhD, M. Phil, Master, or Bachelor from Tribhuvan University is eligible for membership of TUAAN. However, individual with a Proficiency Certificate degree before its phase-out from Tribhuvan University is also eligible for membership. TUAAN offers four categories of membership to individuals: general member, life member, founder member, and honorary member. Individuals who have served on the executive committee during the period of registration of TUAAN are awarded founder membership. Similarly, an individual who has contributed significantly to the field of any discipline can be awarded as an honorary member. With the nominal charge, the TUAAN office shall provide a membership identification card.

## Publications

TUAAN has developed its own website (<http://www.tuaan.edu.np>). It plans to have its own publications, online or print papers, newsletters, and journals. TUAAN published its first Alumni Smarika in 2023 during the fourth annual meeting. The publication is available and those who are interested to read it can get a copy from the TUAAN office, located at the TU Memorial building on the 1<sup>st</sup> floor.

## Programs and Activities

TUAAN aims to bring all the members under one roof with academic and social activities for the benefit of the nation. It invites all TU graduates to come



together and join hands for optimum utilization of the alumni resources and work for strengthening TU. TUAAN plans to extend its membership in different continents, America, Europe, Asia, Africa and Australia. It also plans to build its own multi-purpose building with the support of TU alumni throughout the world.

### Financial Management

The major source of fund of TUAAN is the membership fee. Other sources are the amounts received as grant assistance or donation from alumni, any person or organization and amount of loan or cash or goods, and donation obtained from the government of Nepal, foreign grants and assistance and consultancy and other services fee. TUAAN has its own account in Nepal Bank Limited at Kirtipur branch. One can contribute to TUAAN by depositing the amount directly to the current account no. 04500106501633000002.

### Structure

As per the directive, a general assembly of TUAAN elects the executive committee consisting of 27 members that constitute five officials (President, Vice President, General Secretary, Secretary, and Treasurer) and 22 members for four years tenure. TUAAN held its fourth annual general meeting on 21<sup>st</sup> Poush 2079 (5<sup>th</sup> January 2023) at Smiriti Bhawan of Tribhuvan University (TU Memorial Building), Kirtipur and elected new executive committee for the next term. List of the committee members with their designation is as follows:

S. N.	Name	Position
1	Mr. Pradeep Kumar Shrestha	President
2	Prof. Dr. Sunity Hada Shrestha	IP-President
3	Prof. Dr. Ridish Kumar Pokharel	Vice-President
4	Dr. Dhiraj Pradhananga	General Secretary
5	Dr. Nanda Kishor Kumar	Secretary
6	Dr. Kushmila Acharya	Treasurer
7	Prof. Dr. Krishna Raj Tiwari	Member
8	Prof. Dr. Narayan Prasad Chapagain	Member

9	Prof. Dr. Ram Kailash Yadav	Member
10	Prof. Dr. Santosh Rayamajhi	Member
11	Prof. Dr. Chandra Lal Shrestha	Member
12	Prof. Krishna Prasad Acharya	Member
13	Dr. Ram Chandra Pokharel	Member
14	Dr. Bhola Nath Dhakal	Member
15	Dr. Kishor Atreya	Member
16	Dr. Loknath Dulal	Member
17	Dr. Thakur Silwal	Member
18	Ms. Khuma Sharma Dhital	Member
19	Mr. Narayan Joshi	Member
20	Mr. Hikmat Bahadur Raya	Member
21	Ms. Gita Chhetri	Member
22	Mr. Surya Bahadur Adhikari	Member
23	Mr. Shree Prasad Ghimire	Member
24	Mr. Hari Raj Atreya	Member
25	Mr. Indresh Thakur	Member
26	Mr. Rabi Chandra Parajuli	Member
27	Mrs. Sita Khanal	Member
28	Mr. Rajesh Khanal	Member

### TUAAN Secretariat

S. N.	Name	Position
1.	Mr. Noda Nath Trital	Contact Person

The newly elected executive committee held its first meeting on the 27<sup>th</sup> of February 2023 (Falgun 15, 2079) at the CNAS building and discussed the future course of action. The meeting also discussed the possibility of mobilizing the executive members in different activities and decided to form different sub-committees headed by the executive members. The second executive meeting will finalize the name of the sub-committees such as the press and publication committee, membership drive committee, and fund mobilization committee.

### Contact

Visit <http://www.tuaan.edu.np> for detail information. The email address of TUAAN is [tualumni@tribhuvan-university.edu.np](mailto:tualumni@tribhuvan-university.edu.np); and [tuinfo2018@gmail.com](mailto:tuinfo2018@gmail.com).

# Central Departments

S.N.	Central Departments	Institute/Faculty
1	Central Department of Education , Kirtipur	Education
2	Central Department of Anthropology, Kirtipur	Humanities
3	Central Department of Buddhist Studies, Kirtipur	Humanities
4	Central Department of Economics , Kirtipur	Humanities
5	Central Department of English , Kirtipur	Humanities
6	Central Department of Fine Arts, Kirtipur	Humanities
7	Central Department of Geography , Kirtipur	Humanities
8	Central Department of Hindi , Kirtipur	Humanities
9	Central Department of History , Kirtipur	Humanities
10	Central Department of Home Science, Bagh Bazar, Kathmandu	Humanities
11	Central Department of Journalism and Mass Communication, Exhibition Road	Humanities
12	Central Department of Library and Information Science, Kirtipur	Humanities
13	Central Department of Linguistics , Kirtipur	Humanities
14	Central Department of Maithili, Janakpur	Humanities
15	Central Department of Nepal Bhasha, Patan Dhoka	Humanities
16	Central Department of Psychology , Kirtipur	Humanities
17	Central Department of Nepali , Kirtipur	Humanities
18	Central Department of Nepali Culture, History and Archeology, Kirtipur	Humanities
19	Central Department of Political Science, Kirtipur	Humanities
20	Central Department of Population , Kirtipur	Humanities
21	Central Department of Rural Development, Kirtipur	Humanities
22	Central Department of Sanskrit , Kirtipur	Humanities
23.	Central Department of Sociology, Kirtipur	Humanities
24	Central Department of Law, Exhibition Road	Law
25	Central Department of Management , Kirtipur	Management
26	Central Department of Public Administration, Balkhu, Kathmandu	Management
27	Central Department of Botany, Kirtipur	Science
28	Central Department of Bio-technology, Kirtipur	Science
29	Central Department of Chemistry , Kirtipur	Science
30	Central Department of Computer Science and Information Technology, Kirtipur	Science
31	Central Department of Environmental Science, Kirtipur	Science
32	Central Department of Food Technology, Dharan	Science
33	Central Department of Geology , Kirtipur	Science
34	Central Department of Hydrology and Meteorology, Kirtipur	Science
35	Central Department of Microbiology, Kirtipur	Science
36	Central Department of Mathematics , Kirtipur	Science
37	Central Department of Physics, Kirtipur	Science
38	Central Department of Statistics, Kirtipur	Science
39	Central Department of Zoology, Kirtipur	Science
40	Central Department of Public health, Maharajgunj	Medicine

## Departments

1	Department of Conflict peace and Development Studies, Kirtipur	Humanities
2	Department of Gender Studies, Balkhu	Humanities
3	Department of International Relation and Diplomacy, Kirtipur	Humanities
4	Department of Social Work, Kirtipur	Humanities

## Schools

1	Graduate School of Education, Kirtipur
2	School of Forestry and Natural R. Management, Kirtipur
3	School of Management, Kirtipur
4	School of Mathematical Sciences, Kirtipur

## Programs

1	Master in Counselling Psychology, Kirtipur
2	Master in Labour Studies, Kirtipur
3	Master in Sport Science, Kirtipur
4	Master in Tourism and Hospitality, Kirtipur
5	Master in Governance & Anti Corruption

# Constituent Campuses of TU

## Province 1

1 Mahendra Ratna Multiple Campus, Ilam	Education	Bachelor Master
	Humanities	Bachelor Master
	Management	Bachelor Master
	Science Agriculture (Horticulture)	Bachelor Bachelor
2 Mechi Multiple Campus, Jhapa	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor
3. Gauradaha Agriculture Campus, Gauradaha, Jhapa	Agriculture	Bachelor
4 Mahendra Morang Adarsh Multiple Campus, Biratnagar	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor Master
	Education	Bachelor
5 Degree Campus, Biratnager	Humanities	Master
	Management	Master
	Science	Master
6 Nursing Campus, Biratnager	Medicine	Bachelor
7 Purwanchal Campus, Dharan	Engineering	Bachelor Master
8 Mahendra Multiple Campus, Dharan	Humanities	Bachelor Master
	Management	Bachelor Master
	Law	Bachelor
	Education	Bachelor
9 Central Campus of Technology, Dharan	Science	Bachelor Master
10 Dhankuta Multiple Campus, Dhankuta	Humanities	Bachelor
	Managment	Master
	Science	Bachelor
	Education	Bachelor
		Master

11 Tehrathum Campus, Chuhandanda	Humanities	Bachelor
	Education	Master Bachelor

12 Bhojpur Multiple Campus, Bhojpur	Humanities	Bachelor
	Management	Bachelor
	Education	Bachelor Master

## Province 2

13 Mahendra Bindeshwori Campus, Rajbiraj	Humanities	Bachelor Master
	Law	Bachelor
	Science	Bachelor
	Management	Bachelor
	Education	Bachelor Master

14 Surya Narayana Satya Narayana Morveta Yadhav Multiple Campus, Siraha	Science	Bachelor
	Education	Bachelor Master
	Humanities	Bachelor
	Management	Bachelor

15 Ramshwaroop Ramsagar Multiple Campus, Janakpur	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor Master
	Education	Bachelor Master

16 Thakur Ram Multiple Campus, Birgung	Humanities	Bachelor Master
	Education	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor

17 Birgunj Campus (Nursing), Birgunj	Medicine	Bachelor
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## Bagmati Province

18 Hetauda Campus (Forestry), Hetauda	Forestry	Bachelor Master
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19 Rampur Campus (Agriculture), Khairahani	Agriculture	Bachelor
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20 Chitwan Engineering Campus, Rampur	Engineering	Bachelor
21 Birendra Multiple Campus, Bharatpur	Science	Bachelor
	Humanities	Master
	Management	Bachelor
	Education	Master
		Bachelor
22 Bhaktapur Multiple Campus, Bhaktapur	Science	Bachelor
	Humanities	Bachelor
	Management	Master
		Bachelor
		Master
23 Sanothimi Campus, Bhaktapur	Education	Bachelor
		Master
24 Patan Samyukta Campus, Patan Dhoka	Science	Bachelor
	Humanities	Master
	Management	Bachelor
		Master
		Bachelor
		Master
25 Pulchowk Campus (Central), Pulchowk	Engineering	Bachelor
		Master
26 Nepal Commerce Campus, Min Bhawan	Management	Bachelor
		Master
27 Thapathali Campus (Engineering), Thapathali	Engineering	Bachelor
		Master
28 Jana Prasashan Campus, Balkhu	Management	Bachelor (BPA)
		Master (MPA)
29 University Campus, Kirtipur	Humanities	Master
	Management	Master
	Education	Master
		PGD
		Master
	Science	Master
30 Mahendra Ratna Campus, Tahachal	Education	Bachelor
		Master
31 Ayurved Campus, Kirtipur	Ayurved	Bachelor
		Master

32	Public Youth Campus, Dhobichaur	Management	Bachelor Master
33	Saraswoti Multiple Campus, Lainchaur	Humanities Management	Bachelor Master Bachelor Master
34	Amrit Campus, Lainchaur	Science	Bachelor Master
35	Central Campus (Medicine), Maharajjung	Medicine	Bachelor Bachelor Master
36	Nursing Campus, Maharajgunj	Medicine	Bachelor Master
37	Lalitkala Campus, Bhotahiti	Humanities	Bachelor Master
38	Trichandra Multiple Campus, Ghantaghar	Humanities Science	Bachelor Master Bachelor Master
39	Padmakanya Multiple Campus, Bagbazar	Humanities Management Science	Bachelor Master Bachelor Master Bachelor
40	Shankerdev Campus, Putalisadak	Management	Bachelor Master
41	Ratna Rajya Laxmi Campus, Pradarshani Marg	Humanities	Bachelor Master
42	Nepal Law Campus, Pradarshani Marg	Law	Bachelor Master
43	Bishwa Bhasa Campus, Pradarshani Marg	Humanities	Non-level
<b>Gandaki Province</b>			
44	Gorkha Campus, Gorkha	Education Management Science	Bachelor Master Bachelor Bachelor

45 Lamjung Campus, Sundarbazar	Agriculture	Bachelor
46 Paschimanchal Campus, Pokhara	Engineering	Bachelor Master
47 Pokhara Nursing Campus, Pokhara	Medicine	Bachelor Master
48 Pokhara Campus (forestry), Pokhara	Forestry	Bachelor Master
49 Prithvinarayan Multiple Campus, Pokhara	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor Master
	Education	Bachelor Master
	Law	Bachelor
50 Dhaulagiri Campus, Baglung	Humanities	Bachelor Master
	Education	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor
<b>Lumbini Province</b>		
51 Tribhuvan Multiple Campus, Palpa	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor
	Law	Bachelor
	Education	Bachelor Master
52 Butwal Multiple Campus, Butwal	Law	Bachelor
	Education	Bachelor Master
	Management	Bachelor
	Humanities	Bachelor Master
	Science	Bachelor
53 Paklihawa Campus (Agriculture), Paklihawa	Agriculture	Bachelor

54 Bhairahawa Multiple Campus, Bhairahawa	Humanities	Bachelor PGD
	Management	Master Bachelor
	Education	Master Bachelor
	Science	Master Bachelor
55 Mahendra Multiple Campus, Dang	Humanities	Bachelor Master
	Management	Bachelor Master
	Science	Bachelor
	Education	Bachelor Master
	Law	Bachelor
56 Mahendra Multiple Campus, Nepalgunj	Humanities	Bachelor Master
	Management	Bachelor Master
	Law	Bachelor
	Science	Bachelor
	Education	Bachelor Master
57 Nursing Campus, Nepalgunj	Medicine	Bachelor
<b>Karnali Province</b>		
58 Surkhet Campus, Birendranagar	Education	Bachelor Master
59 Jumla Campus, Jumla	Managment	Bachelor
	Education	Bachelor Master
	Management	Bachelor
<b>Sudurpashchim Province</b>		
60 Doti Multiple Campus, Doti	Humanities	Bachelor Master
	Education	Bachelor
	Management	Bachelor
61 Dadeldhura Campus, Dadeldhura	Humanities	Bachelor Master
	Education	Bachelor Master
	Management	Bachelor
62 Siddhanath Science Campus, Mahendranagar	Science	Bachelor Master