काठमाडौं फरेष्ट्री कलेज

KATHMANDU FORESTRY COLLEGE

Amarawati Marg, Koteshwor, Kathmandu

YOUR **CAREER BEGINS** HERE

"An investment in knowledge pays the best interest."

- Benjamin Franklin

BACKGROUND

Kathmandu Forestry College (KAFCOL) is a vibrant and growing academic institution (a public company) located in Koteshwor, Kathmandu. The College has been running B.Sc. Forestry program in affiliation with Tribhuvan University, Nepal since its establishment in 2005, and Diploma in Forestry program in affiliation with the Council for Technical Education and Vocational Training (CTEVT), Government of Nepal, since 2009. Since 2012, KAFCOL has been serving as study center of University of Salzburg, Austria to run a M.Sc. Program in Geographical Information Science and Systems (UNIGIS MSc). We have started a new M.Sc. Program in Natural Resources Management and Rural Development (MSc in NRM-RD) from 2015 in affiliation with the Tribhuvan University. The college has also been undertaking research and outreach projects related to biodiversity, forestry, and natural resources management. The College was jointly established by the Nepal Agroforestry Foundation (a national NGO working for promotion of agroforestry) and a group of forestry and natural resource management professionals.

VISION

KAFCOL's vision is to become a Centre of Excellence in Education and Research related to Forestry and Natural Resources Management.

MISSION

The mission of KAFCOL is to produce qualified and competent human resource, become resourceful and spread its network through education, research, training, and outreach in multi-disciplinary and trans-disciplinary fields (focusing on Forestry and Natural Resources Management) for addressing the ever increasing challenges of sustainable development in Nepal and beyond.

CORE VALUES

- No discrimination based on belief, religion, caste- ethnicity, nationality and gender,
- Respect to inclusiveness and plurality of views and socio-cultural diversity in the pursuit of quality education,
- Value and promote merit and competence while respecting inclusion and diversity,
- Responsive to changes (global and local),
- Social responsibility to environmental issues,
- Apolitical knowledge center,
- People first-students, faculty, staff, promoters, and the community at large.

OBJECTIVES

- Produce competent human resources in forestry, natural resources management, GIScience and other relevant field through high quality education and research.
- Engage and promote interdisciplinary and multi-disciplinary research and outreach to generate new knowledge, skill, technology and practices hand-in-hand with teaching.
- Establish networks and collaboration with relevant institutions to improve academic excellence, policy feedback and visibility.
- Develop and strengthen institutional capacity.

ACADEMIC PROGRAMS

1. M.SC. IN GEOGRAPHICAL INFORMATION SCIENCE AND SYSTEMS (2-years)

Kathmandu Forestry College is serving as study center of the University of Salzburg Austria to run M.Sc. program in Geographical Information Science and Systems (GIScience), popularly known as UNIGIS MSc course. The Program has been authorized by the Ministry of Education, Government of Nepal. Individuals aiming at a career in GIS or professionals already active in this field and are interested in pursuing international quality higher education while working will find this program attractive. The degree has received equivalence from T.U.

1.1 Major subject areas

The course is based on the UNIGIS network and has at least 120 European Credit Transfer System (ECTS). The course contains 9 compulsory modules (GIS introduction, Data Modeling and Data Structures, Data Sources and Acquisition, GIS Organization and Project Management, Geographic Database management system, Open GIS and Distributed GI Infrastructures, Geographical Analysis, Spatial Statistics and Visualization and Cartography) of 54 credit hours, 12 credit hours learning practice and academic work, 24 credit hours elective and project work and 30 credit hours thesis work. The knowledge gained through this course will be useful in the following fields:

a. Environmental analysis and management (e.g. climatic factors, forest, water bodies, soil erosion, bio-diversity, protected areas, coastal areas, mountainous areas, etc.)
b. Natural resources and economic planning (e.g. agriculture, animal husbandry, forestry, fisheries, mining, landscape analysis, tourism, Industry etc.)
c. Infrastructure development and management (e.g. transport networks, water & sanitation, health facilities, education institutions etc.)
d. Security and safety (e.g. crime & danger assessment, risk & vulnerability assessment, emergency response, disaster management, disease & epidemic pattern, public safety measure etc.)
e. Business planning and management (e.g. site location, product marketing, supply networks, insurance calculation, stakeholder analysis etc.)
f. Government and Politics (e.g. public administration, electoral analysis, voting pattern etc.) urban, rural and regional planning (e.g. integrated approach to land use planning & management at various spatial units etc.)
g. Other fields related to spatial analysis and management.

1.2 Academic session: The session starts in March and October each year.

1.3 Enrollment: The College enrolls 25 students in each batch from various fields including Forestry, Agriculture, Engineering and Sciences of any disciplines. Students should clear the admission process of the University of Salzburg for admission.

1.4 Eligibility: Bachelor (10+2+3) degree holders in any discipline with at least 45 percent aggregate marks are eligible to enroll for the course.

1.5 Application procedure: Interested students are required to submit completed application form, which can be obtained from the College or will be provided through email.

1.6. Fee structure: Total fee for a sponsored student is Euro 3,500. Self-paying students can get a subsidy of Euro 500 on the total fee and need to pay Euro 3,000. Fee can be paid in two installments, in which case an extra Euro 400 will be additionally charged (refer to http://www.kafcol.edu.np for details).

2. M.SC. IN NATURAL RESOURCE MANAGEMENT AND RURAL DEVELOPMENT (2-years)

KAFCOL is running a Master's Degree Program in Natural Resources Management and Rural Development (NRM-RD) since 2015. The program expects to contribute in meeting the ever increasing demand of competent professionals in the field. This program is affiliated with T.U.

2.1 Major subject areas

Non-timber Forest Products, Community Forestry, Natural Resource Economics, Global Environmental Change, Agroforestry, Sustainable Forest Management, Rural Development, Ecotourism Planning & Management, Statistical Methods & Data Management, Research Methodology, Geographical Information Science are some of the main courses offered. The first year will be focused on theoretical course works, while the second year's courses are designed for application of learned theories and skills in relevant field. The fourth semester is allocated for thesis research.

2.2 Academic session: The session generally starts in September-October each year. The admission time can vary as per the TU Institute of Forestry (IOF) annual calendar.

2.3 Annual enrollment: The College enrolls 20 students in each batch.

2.4 Eligibility: Holders of Bachelor level degree in the field of applied science (such as Forestry, Watershed Management, Agriculture, Environment, Natural Resource Management, and Rural Development) with minimum aggregate marks fixed by IOF can appear in the entrance exam administered by the Dean's Office, Institute of Forestry, Pokhara.

2.5. Admission: Application can be submitted online through IOF website or as per the rules of IOF Dean office. Students who have passed the entrance exam are eligible for admission in this program.

2.6. Tuition fee: The fees are liable to changes time to time. Please see the attached leaflet or contact the college by phone/ email to know the fee structure. Students can make full payment of the capitation fee on enrollment or partial payment by installments in each semester. Maximum two students nominated by the Government of Nepal in each batch get scholarships. College can also occasionally provide some financial incentives to deserving candidates.

3. B.Sc. FORESTRY (4-years)

KAFCOL offers a four-year B. Sc. Course in Forestry Science in affiliation with Tribhuvan University (TU). The course is designed to engage interest of students from the start and help them find the career they want. This course is relevant for individuals concerned with global environmental issues and their environment- friendly and sustainable solutions. Combination of practical and academic elements will enhance employment prospects in a broad range of careers, including Forestry, Soil Conservation and Watershed Management, Wildlife Management, Biodiversity, and Environment.

3.1 Major subject areas

Forest Management and Mensuration; Wildlife and Biodiversity Conservation; Integrated Watershed Management; Community Forestry; Agroforestry; Silviculture; Eco-tourism and Recreation; Geographic Information System (GIS); and Research Methodology are some of the main subject areas covered.

3.2 Study tours

Study tours, exposure visits and excursions are integral components of the course. Study tours within Nepal and India are organized in coordination with concerned local authorities.

3.3 Academic session:
The session generally starts in December-January each year. The admission time can vary as per the TU Institute of Forestry (IOF) annual calendar.

3.4 Annual enrollment:
The College enrolls 50 students in each batch.

3.5 Eligibility:
Candidates with I.Sc./Diploma in Forestry and General Science, or 10+2 in Science with minimum aggregate percent marks fixed by IOF are eligible to appear in entrance exam administered by the Dean's Office, Institute of Forestry (IOF), TU.

3.6 Admission: Interested candidates can apply online through the IOF website. Students who have passed the entrance exam are eligible for admission in this program. Admissions are strictly merit-based.

3.7 Tuition fee: The fees are liable to changes time to time. For details of the total fee (four year course) see the attached leaflet or contact college by phone/ email. Students can make full one time payment of the capitation fee at enrollment or partial payment in installments at the beginning of each semester. Maximum five students nominated by the Government of Nepal in each batch get scholarships. College also provides some scholarships to deserving students under different categories.

4. DIPLOMA IN FORESTRY (3-years)

KAFCOL offers three years Diploma in Forestry course. The course improves elementary understanding on global issues relating to environment and enables student to undertake basic forestry and other environment related projects. It follows the curriculam developed by CTEVT. Besides employment opportunities, the graduates of this course will have opportunity to continue B.Sc. Forestry degree courses.

4.1 Major subject areas: The major subject areas include Silviculture, Agroforestry, Forest Management, Forest Mensuration, Soil and Water Conservation, Eco-Tourism and Recreation, Entrepreneurship Development and Wildlife and Bio-diversity Conservation, Community forestry, Forest protection and NTFPs.

4.2 Study tours : Study tours, exposure visits and excursions are integral components of the course. These tours and visits are organized in coordination with concern authorites of host organization .

4.3 Academic session: The session generally starts in August-September each year.

4.4 Annual enrollment: The College enrolls 40 students in each batch.

4.4 Eligibility: SLC passed students , and SEE with English Mathematics and Science securing at least C grade on any two of above subject and D+ grade for remaining one subject are eligible to appear in the entrance examination administered by the CTEVT.

4.5. Admission: Application forms for the entrance exam can be obtained from KAFCOL, Koteshwor as well as from CTEVT website. Students who are successful in the entrance exam run by CTEVT are eligible for admission in this program. Admissions are strictly merit based.

4.6. Tuition fee: The fees are liable to changes anytime. For details of the total fee for the 3 year program, see attached leaflet or contact college by phone/ email. Students can make one time full payment of the capitation fee at enrollment or partial payment in installments at the beginning of every year. Other scholarships to deserving students can be available occasionally.

TEACHING APPROACH AND FACILITIES

KAFCOL emphasizes on conceptual knowledge and practical skills rather than traditional teaching methods. Classes are designed to run in an interactive environment for enhancing critical thinking skills of the students. Lectures are supplemented by occasional seminars and talk programs by invited national and international experts Multimedia and overhead projectors are the main teaching and interaction tools. Our facilities are designed to provide our students with valuable practical resources and real learning environments.

Human resource:

Highly qualified and experienced team of faculty members is one of the main assets of KAFCOL. The College currently has over 50 well qualified and experienced full and part-time faculty members, and 11 administrative staff. The faculty team includes some internationally accredited personalities with wide range of national and international experience and exposure. The pool of human resource also includes adjunct professors from highly accredited universities in Nepal and abroad, and highly qualified academic and research advisors with long experiences in relevant fields.

Library

Library provides students with a comprehensive range of resources including textbooks, reference books, lecture notes, daily newspapers, magazines, newsletters, journals, and other relevant publications. The library offers over 3000 books (text and references), and many journals, video, CDs and DVDs. All students and staff can borrow and use the facilities. Services and facilities are available throughout the year and a friendly team of staff is always available to assist. The college has a plan to upgrade its library facility by improving students' access to electronic version of books, journals etc. Our objective is to enhance students' knowledge by providing them with opportunities to study about wide range of educational materials at library. A study room with high-speed wifi internet is available for individual and group studies.

Building

The College has two buildings (three-storey and four-storey) of its own at Amarawati Marg, Koteshwor. The buildings are well-ventilated and furnished, echo-free classrooms with comfortable sitting arrangements. KAFCOL has constructed three additional one-storey houses on rented land next to its premises for classrooms.

The College is currently in the process of developing additional modern facilities at Matatirtha area of Kathmandu.

New infrastructure development site at Matatirtha

View of buildings to be constructed at Matatirtha

IT Resources

Computers are available for practical classes. On-line resources can be accessed from the computers through wireless internet. Students have 24 hours broad-band access to the Internet.

Counseling and Consultation

Members and of the faculty and staff are available for consultation at any official time as per the need of the students and their guardians. The adjunct professors, advisors, and members of the College Board of Directors can also be consulted as per the need. The students' problems are timely addressed through persuasion.

Sports and Extracurricular Activity

Apart from regular classes, KAFCOL organizes occasional seminars by experts from relevant subject areas, to provide students and faculty with the opportunity to enrich their knowledge with latest developments in contemporary issues.

KAFCOL conducts annual sports events for Bachelors and Diploma level students. College also provides sport facilities for several games such as badminton, chess, carom board, table tennis etc. on everyday basis for students in their leisure.

Besides, College also conducts essay competition, poem recitation, music, yoga and meditation sessions etc.

College celebrates relevant national and international events, and participates in events organized by different government and non-government institutions.

OTHER SERVICES

KAFCOL organizes occasional seminars and talk programs by national and international experts who have excelled in their respective fields relevant to the College.
We also offer training and consultancy services on a wide range of subjects, such as:

- Biodiversity and ecosystems
- Sustainable forest management
- Land use and land cover changes
- Participatory Action Research and Social Transformation
- GIS, GPS and remote sensing applications to forestry, natural resources management, and other fields
- NTFPs Enterprise and Value Chain Development
- Livelihood Improvement and Local Capacity Building
- Access and Benefit Sharing from Genetic Resources and Traditional Knowledge
- Livelihood Enhancement through Agroforestry Promotion
- Participatory Non-Timber Forest Resource Assessment Climate Change Impacts and its Mitigation Gender and Social Inclusion
- Preparation of Community Forestry Operational Plans for Addressing Second and Third Generation Issues
- Alternative Energy and Bio-diesel Production

TEACHING APPROACH AND FACILITIES

- A full-fledged library that provides text books, reference books, research project reports, journals (national & international), newspapers, and magazines.
- Well-ventilated and echo-free classrooms with comfortable sitting arrangements.
- 24-hour broadband internet facilities.
- Highly qualified and motivated professional faculty.
- Well-equipped multidisciplinary laboratories.
- Learning oriented classes with regular study tours and exposure visits.
- Scholarship and assistantship opportunities for deserving students.
- Collaboration with reputed international universities.
- Use of multimedia /overhead projector for teaching.

LOCATION

KAFCOL is located at Amarawati Marg, Koteshwor, Kathmandu, Nepal, about 100 meter northwest of the Ringroad Balkumari Manohara Bridge.

For more information contact or visit:

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Amarawati Marg, Koteshwor, Kathmandu
G.P.O. Box 1276, Kathmandu, Nepal.
+ 977-1-5147211
+977-1-5147046
mail@kafcol.edu.np
http://www.kafcol.edu.np
https://www.facebook.com/kafcolktm