

## BACKGROUND

Tribhuvan University (TU) signed a Memorandum of Understanding (MoU) with University of Padova (UP) in 2004. Since then, several faculty members and researchers from TU made academic visits to University of Padova. There have been also exchange visits of high level officials and faculty members from both the universities to strengthen the collaboration between two universities. Based on the MoU, a Letter of Agreement (LoA) was signed by RECAST and DAFNAE and was agreed to jointly initiate international summer/winter school. The first *International Summer School Program* was successfully conducted in 2016. Consequently, the fund for the *International Winter School Program* scheduled for January-February, 2018 was approved by the DAFNAE, UP.

## ABOUT THE COURSE

The course will be open to the graduate students of life sciences from all over the world thus providing a unique opportunity to the students to learn contemporary issues in Nepal in the areas of biodiversity and environmental management, cross-cultural learning and strengthen capacities of both countries institutions. Students will have an opportunity to enhance their knowledge by visiting some world cultural heritage sites in Kathmandu. In addition, the students will travel to *Panchase* village, a typical Gurung village at mid hills in adjoining area of Pokhara to conduct their individual/group as well as field research works within a broad framework of biodiversity conservation and environmental management, and prepare scientific reports. The participants will also have opportunity to interact with ethnic Gurung people to know their culture and tradition. They can also see the panoramic view of Mount Annapurnana range, green mountains, Phewa lake and Pokhara valley.

**Application procedure:** Application form is available on the School institutional website along with submission details.  
**Deadline for Registration:** January 15, 2018

Full programme can be downloaded from the School institutional website [www.dafnae.unipd.it/summer-winter-schools](http://www.dafnae.unipd.it/summer-winter-schools).

**The main objective** of this International Winter School is to acquaint the students with contemporary issues of biodiversity, ethnoecology and bioprospecting in Nepal Himalaya, expose them to the sustainable use of biodiversity, and understand indigenous peoples' and local communities (IPLCs) role and contribution to manage the natural resources, and cross-cultural learning.

The course includes four **thematic areas:** (i) Environment & biodiversity conservation, (ii) Ethnobiology and community development, (iii) Bioprospecting and drug discovery and (iv) Natural resource management and sustainable development.

## PREREQUISITES FOR PARTICIPANTS

The graduate students from relevant field of Life Sciences, such as Biological Science, Forestry, Environmental Science, Natural Resource Management, Chemicals and Pharmaceutical Technology, Pharmacy, GIS and Agriculture are eligible to join the winter school. Selection criteria will be based on students' performance, interviews and inclusiveness. Students are asked to attend 10 hours a day, including class lectures, home assignments, exercises and field works.

## REGISTRATION

### Registration Fees

- |   |               |
|---|---------------|
| • International participants              | € 300.00      |
| • Nepalese participants                   | NRs. 4,000.00 |
| • Participants from other SAARC countries | € 100.00      |

### Registration fees include:

- Participation to the school
- Attendance of lectures
- Teaching materials and field visits

### Registration fees do NOT include:

- International flight and transfers to the school location
- Accommodation in Kathmandu

A limited number of **fellowships will be granted** for eligible Nepalese applicants on the basis of CV, motivation letter and area of researchers.

## WORKING HOURS

The lectures will be held normally for eight hours a day (09:00- 17:00) in Kathmandu for five days followed by practicum/exercise/term paper. Field work will be in the village and adjoining areas for five days and includes group work, discussion, and report writing. The total working hours accomplished will be at least 110 hours (Equivalent to **5 ECTS**).

## EXPECTED OUTCOMES

The students should be able to obtain in-depth knowledge in the following areas after the accomplishment of the course and be familiar with:

- Environmental resources in Nepal Himalaya,
- Ecosystem services and biodiversity management,
- Cultural diversity and conservation of resources,
- Potential resources for bioprospecting of biological resources,
- Agroecosystems in Nepal and comparison with other countries,
- Protected area system and conservation,
- Communities, gender and indigenous peoples' contribution to conservation and development,
- Resource management in Nepal, and
- Environmental quality issues in Nepal and compare and contrast them with other countries multicultural way

## ADVISORY COMMITTEE

- Prof. Tirth Raj Khaniya, Vice Chancellor, TU
- Prof. Sudha Tripathi, Rector, TU
- Mr. Dilli Raj Uprety, Registrar, TU
- Prof. Ram Prasad Khatiwada, Dean, Institute of Science and Technology, TU
- Prof. Krishna Raj Tiwari, Dean, Institute of Forestry, TU
- Prof. Serena Varotto, Coordinator, DAFNAE, UP
- Prof. Rameshwar Adhikari, Executive Director, RECAST, TU
- Prof. Ram Prasad Chaudhary, Coordinator of IWS, RECAST, TU
- Prof. Bhupa P. Dhamala, ED, International Relation, TU
- Prof. Krishna Kumar Shrestha, ESON Nepal
- Prof. Barbara Baldan, Department Of Biology, UP
- Prof. Antonio Masi, DAFNAE, UP
- Prof. Stefano Dall'Acqua, Department of Pharmacy, UP
- Mr. Durga Prasad Pandey, RECAST, TU
- Mr. Keshav Poudel, RECAST, TU

## ORGANIZING COMMITTEE

**Collaborators** Prof. Rameshwar Adhikari, TU and Prof. Serena Varotto, UP

**Coordinators:** Prof. Ram Prasad Chaudhary, TU and Prof. Serena Varotto, UP

**Course coordinator** Prof. Meena Rajbhandari, RECAST, TU

**Course facilitator** Dr. Sajani Shrestha

**Field coordinator** Mr. Chandra Kanta Subedi

**Working committee:** Prof. Meena Rajbhandari, Dr. Sajani Shrestha, Mr. Chandra Kanta Subedi, Ms. Sharada K. Poudel, Mr. Bijay Raj Subedee, Mr. Kamal Mohan Ghimire, Mr. Anil Aryal and Mr. Prabin Bhandari

## Resource persons

(i) Prof. Serena Varotto, Italy; (ii) Prof. Barbara Baldan, Italy; (iii) Prof. Stefano Dall'Acqua, Italy; (iv) Prof. Massimo De Marchi, Italy; (v) Prof. Antonio Masi, Italy; (vi) Prof. Ram P. Chaudhary, Nepal; (vii) Prof. Krishna K. Shrestha, Nepal; (viii) Prof. Khadga Basnet, Nepal; (ix) Prof. Sangeeta Rajbhandary, Nepal; (x) Prof. Meena Rajbhandari, Nepal; (xi) Dr. Maheshwori Dhakal, Nepal; (xii) Dr. Suresh K. Ghimire, Nepal; (xiii) Dr. Sajani Shrestha, Nepal; (xiv) Dr. Sushila Nepali, Nepal; (xv) Dr. Shayamu Thapa Magar, Nepal; (xvi) Dr. Gana B. Bajracharya, Nepal; (xvii) Dr. Sajan L. Syaula, Nepal; (xviii) Dr. Nakul Chettri, India; (xix) Dr. Siddhartha B. Bajracharya, Nepal; (xx) Dr. Yadav Upreti, Nepal.

*Other experts will also be invited as resource person.*

## Contacts

Prof. Serena Varotto <serena.varotto@unipd.it>

Prof. Ram P. Chaudhary <ram@cdbtu.wlink.com.np> and <ram.chaudhary53@gmail.com>

*International Winter School*  
*on*  
**Biodiversity, Ethnoecology and  
Bioprospecting in Nepal Himalaya**  
January 29 – February 8, 2018  
Kathmandu, Nepal

*For Nepalese participants only*

Name: .....

Sex:..... Date of birth:.....

Address:.....

Email:.....

Telephone:.....

Cell phone:.....

Academic Qualification (latest).....

Subject (Specialization):.....

Signature:.....

Return this filled form with separate curriculum vitae, hand written motivation letter (one page A4 size paper) a Bank Voucher of Rs. 4,000.00 (Four thousands only) to Research Centre for Applied Science and Technology (RECAST), Tribhuvan University (TU), Kirtipur, Kathmandu, Nepal.

Office time: 10:00 am to 4 pm

Phone no: 014330348

**Bank details:**

Nepal Bank Limited, Kirtipur Branch

Account holders name: RECAST

Account type: Current

Account no: 04500100098979000001

*Selected candidates will be informed by email or telephone call in the third week of January, 2018.*

**Glimpses of Summer School 2016**



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*on*  
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Kathmandu, Nepal



Research Centre for Applied Science and  
Technology (RECAST),  
Tribhuvan University (TU), Kirtipur, Nepal  
and  
Department of Agronomy, Food, Natural resources,  
Animals and Environment  
(DAFNAE), University of Padova (UP), Italy