



Institute of Environmental Science (IES)

University of Rajshahi, Bangladesh

<http://www.ru.ac.bd/ies>

Introduction

The Institute of Environmental Science (IES) was established in 1999 as one of the academic seats of higher research within the University of Rajshahi. It is also the sole institute of its kind in Bangladesh as well. The institute maintains its aim to promote research in environmental science and environmental studies, produce experts in environmental science and develop awareness in protecting environment with its goal to contribute in national development to tackle the challenge of global climate change as country's number one threat in the new millennium. The institute offers regular programs of M.Phil. and Ph. D. level and includes research areas and themes under all science, social science and business science disciplines relating to environment. Some of the focused areas include environmental change and its impact on social structure, climate change and poverty issues, environmental policy aspects, environmental issues and economic mitigation, climatology, climate change and sea-level rise, water quality, environmental impact assessment (EIA), environmental pollution and control, environmental microbiology, soil erosion, land use change and land degradation, biodiversity, urban environmental issues and policies, disaster and disaster risk management, industrial pollution control, agricultural pollution, waste management, GIS and remote sensing application etc. The program is composed of a one-year course work includes eight major and four optional courses from diverse study areas in environmental sciences followed by their intensive research works. The students may select their research supervisors from the institute's full-time faculties or from regular faculties from other disciplines of this university.

Admission period

The institute circulates advertisement in National Newspapers during March-April of every year inviting qualified applicants for July session. Candidates are required to appear in written and oral examination to finally get a seat in the program. Total number of seats at present is 15 for each session.

Who can apply?

The institute maintains flexibility in selecting its students for the M.Phil. and

Ph.D. program. Students with a background of most of the disciplines such as physical science, geographical sciences, environmental sciences, agriculture sciences, medical sciences, engineering sciences, social sciences and commerce are eligible to apply.

Facilities

The Environmental Science Institute (IES) occupies approximately 4,000 sq ft. of space in the ground floor of the 4th Science Building. The students will have access to

the university's central science laboratory which is itself a kind of center of excellence. Students are allowed to enjoy facilities of high-speed internet and online library facilities along with facilities available in other department. The central library is another strong resource available for them. Prospective candidates are may find more about the IES by contacting faculty members, university office or the office of the IES Director. The institute maintains collaborative partnership with UNDP and several foreign universities.

Currently there are two laboratories available equipped with facilities for hydrological and microbiological experiments. A new lab for GIS and remote sensing facilities are in process.

Scholarship

Several scholarships are available for full time students. The Institute offers 10 fellowships in each session (TK 1500/ for M.Phil. and TK 2000/ for Ph.D. per month) to some students based on academic performance. Other scholarships are also available from various other sources such as Prime Minister's Scholarship, University Grants Commission Fellowship, National Science and Technology Fellowship etc.

Postgraduate courses

Students enrolled in the IES Postgraduate Program (M.Phil. & PhD.) are required to clear the following eight compulsory and four optional (out of 14) courses:

Compulsory Courses: (8×75=600 marks, 336 hours and 24 credits)

- Introduction to Environmental Science Ecology and Environment
- Environmental Pollution and Control Environmental Impact Assessment (EIA) Geo-Environment
- Research Methodology
- Disaster and Environmental Management

- Geo-informatics and Resource Mapping.

Optional Courses: (4×50=200 marks, 112 hours and 8 credits)

- Environmental Chemistry
- Environmental Microbiology and Ecotoxicology
- Biodiversity
- Waste Management
- Water Resources: Planning and Management
- Climate Change and Global Warming; Energy and Environment
- Environmental Health and Sanitation
- Wetland and Land degradation Management
- Environmental Policy and Modeling Design
- Environmental Planning
- Population and Sustainable Development
- Environmental Law, Regulation and Human Rights
- Society and Environment; Environmental Psychology

Organization

The Institute is composed of seven (7) full-time academic faculties and 15 administrative/supporting staff members. In addition, there are a number visiting academics. Currently over 100 students are working for their degrees

Faculty-list

Dr. Raquib Ahmed

Professor & Director

Study area: Remote sensing & GIS application, land use and environment change modeling

Email: raquib_ahmed@yahoo.com and raquib_geog@ru.ac.bd

Dr. Md. Sarwar Jahan

Professor

Study area: Biodiversity, waste management, vermitechnology

Email: insenv_ru@yahoo.com

Dr. Md. Golam Mostafa (on leave)

Associate Professor

Study area: Water and waste water treatment, resource recovery from waste

Email: mostafa_ies@yahoo.com

Dr. Abul Kalam Azad

Assistant Professor

Study area: Water quality, EIA & environmental microbiology

Email: aka_ies@yahoo.com

Zakiya Yasmin

Assistant Professor

Study area: Environmental pollution and control

Email:

Dr. Md. Redwanur Rahman

Assistant Professor

Research area: Ecology and environment

Email: redwan_rahman@yahoo.com

S.M. Shafiuzzaman

Assistant Professor

Study area: Geo-environment, water quality

Email: smshafiuzzaman@yahoo.com

Office secretary

M. Sultan Ali

Deputy Registrar

**For further information, please contact
in the following address or the IES
faculties directly:**

Director

Institute of Environmental Science (IES)

University of Rajshahi

Rajshahi – 6205

Bangladesh.

Tel: 88-0721-750930

Fax: 88-0721-750064

E-mail: ies_ru_2004@lycos.com