



INSTITUTE OF ENVIRONMENTAL SCIENCE (IES)
University of Rajshahi
Bangladesh

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 challenges of the impact of global climate change as country's number one threat in the new millennium.

Further details about the Institute are available at the IES website and by contacting faculty members.

Institute of Environmental Science
4th Science Building
University of Rajshahi
Rajshahi-6205, Bangladesh.
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www.ru.ac.bd/ies

Degrees offered

The institute offers regular programs of M.Phil. (Master of Philosophy) and Ph. D. (Doctor of Philosophy) level and includes research areas and themes under all sciences, social sciences and business studies disciplines relating to environment. Minimum time required is 2 years full time.

Admission

The institute circulates advertisement in national dailies during March of every year inviting qualified applicants for July session. Candidates are required to appear in written and oral examinations to finally get a seat in the program. Total number of seats at present is 20 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 sciences, biological sciences, earth and geographical sciences, environmental sciences, agriculture sciences, medical sciences, engineering sciences, social sciences and commerce are eligible to apply. Graduate level degree and/or a Masters are generally the pre-qualification for application but degree equivalence should be checked through prior contact.

For admission foreign students should contact the Institute first and then forward the formal application through Bangladesh Embassy/High Commission in their home countries addressed to the Institute. There is a post-graduate dormitory for foreign students' accommodation. Applicants from SAARC countries may apply for SAARC Fellowships.

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 enjoy 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 departments. The central library is another strong resource available for them. Prospective candidates may find more about the IES by contacting faculty members or the

office of the Director, IES. The institute maintains collaborative partnership with UNDP and several foreign universities.

Scholarships

The Institute offers 15 fellowships in each session 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, from various banks and NGOs etc.

Postgraduate courses

Students enrolled in the IES Postgraduate Program (M.Phil. & PhD.) are required to take the following eight compulsory and four optional (out of 14) courses in one year prior to the formal start of their research:

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

Organization

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

Faculty-list

Dr. Raquib Ahmed

Professor and Director

(Remote sensing & GIS application in land use and environment change, spatial data base modeling)

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

Dr. Md. Sarwar Jahan

Professor

(Ecology, biodiversity, waste management& vermitechnology)

Email: insenv_ru@yahoo.com

Dr. Md. Golam Mostafa

Associate Professor

(Water, waste water treatment, waste management)

Email: mostafa_ies@yahoo.com

Dr. Abul Kalam Azad

Associate Professor
(Water quality, EIA, environmental
microbiology and biotechnology)
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Zakiya Yasmin

Assistant Professor
(Environmental pollution and control)
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Dr. Md. Redwanur Rahman

Assistant Professor
(Ecology and environment)
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S.M. Shafiuzzaman

Assistant Professor
(Geology, water quality, waste management, natural disaster)
Email: smshafiuzzaman@yahoo.com

Laboratories

IES laboratories consists of Hydrological, Eco-toxicological, Microbiological laboratories and GIS and Remote sensing advanced research lab. The researchers can avail facilities of advanced equipments currently available at the university's various departments through their supervisors. The institute is also functionally linked to all the government research facilities located across the country which are also accessible on request and on payment.

Seminar Library

The IES seminar library is well developed by number of Text Books, Journals, News letters and free online requisition facilities. The Institute has a plan to annually publish its own journal "Rajshahi University Journal of Environmental Science".

Workshop and Seminar

IES regularly arranges workshops and seminars on different environmental Issues. It also invites academics from other disciplines for special lectures.

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

M. Sultan Ali

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