



# BANGALORE UNIVERSITY

## DEPARTMENT OF ENVIRONMENTAL SCIENCE

### JNANABHARATHI CAMPUS, BENGALURU - 560056

#### ABOUT BANGALORE UNIVERSITY

Bangalore University, established in 1964, is a 1,100 acre campus located in the Garden City of Bengaluru and aptly hailed as the "I.T. Capital of India". The University is famous for landmark structures such as the Gandhi Bhavan, Dr. B.R. Ambedkar Study and Research Centre, and Centre for Study on Social Exclusion and Inclusive Policy. Bangalore University is one of the largest University of Asia, accredited with 'A' Grade in its 3<sup>rd</sup> cycle by NAAC. Bangalore University (Inst. ID: IR-O-U-0215) has been ranked at 69<sup>th</sup> position among all the Universities all over India under National Institutional Ranking Framework (NIRF), Ministry of Education, Gol in 2021. Academically, the University is structured into six faculties- Arts, Sciences, Commerce & Management, Education, Law and Engineering. Bangalore University has achieved milestones by establishing MOUs with Universities and Institutions of national and international repute.



#### ABOUT THE DEPARTMENT



- The Department of Environmental Science was established in the year 1992 after UN Conference on Environment and Development (UNCED). The curriculum in the Department is to mainstream innovative thinking, scientific methods and technologies related to Environmental pollution and management; Environmental Engineering; Modelling & Statistics; Environmental Impact Assessment; Biodiversity and Forestry; Climate Change and Sustainable Development.
- In the year 2019, first in the country, the Department has started Solid waste management course at M.Sc. Level by keeping in view "Swachh Bharat" programme initiated by Government of India.
- The primary objective of the Courses offered by the Department is to train students in emerging areas of Environment, Climate Change and sustainability. Faculty and research scholars of the Department have published several research articles in various national and international journals.
- Department executed MoU with many research institutes of national importance. Since its inception, Department has conducted various conferences, workshops, symposium, seminar and outreach activities to various stakeholders.
- Faculty members have undertaken many research projects on Water and Forest resources management, Green Technology and Waste management funded by national and state governments.
- The faculty members have appointed as expert members to prepare DPR on Krishna and Cauvery river rejuvenation programs of India. The Hon'ble High Court of Karnataka nominated Department faculty as member in Tree Expert Committee. Faculty members are also nominated peer team members of NAAC. Faculty members are also involved in Environmental / Green Audit, EIA. Faculty members are also actively involved in documentation of Biodiversity of University campus, Bangalore City.
- Department has developed a quadrangular garden in 2021, wherein constructed groundwater recharge pit and, also maintained xerophytes, hydrophytes and ornamental plants.

**ADMISSION OPEN FOR 2021-22**

**M.Sc. in ENVIRONMENTAL SCIENCE & SOLID WASTE MANAGEMENT**

**For More information, please contact:**

**Dr. B.C. Nagaraja, Chairman, Department of Environmental Science,**  
Bangalore University, Bengaluru - 560056

**E-mail-nagenvi@gmail.com**

**Phone No:080-22961365 / 0988649077**

## **Courses Offered**

- **M.Sc. in Environmental Science**
- **M.Sc. in Solid Waste Management**

## **Eligibility for M.Sc. in Environmental Science**

- **A graduate in Science / Agriculture / Horticulture with a minimum of 45% marks in the aggregate of all the optional subjects, provided he/she has studied Chemistry / Biochemistry and one of the life sciences subjects either at degree level or at PUC (10+2 level), is eligible.**
- **A Graduate in Science/Agriculture/Horticulture/Forestry/Engineering with a minimum of 50% marks in aggregate with Chemistry/Biochemistry and any one of the following subjects: Applied Zoology, Biological Sciences, Biotechnology, Botany, Computer Science, Sericulture, Home Science, Electronics, Environmental Science, Geology, Genetics , Life Science, Microbiology, Applied Genetics, Physics, and Zoology, Chemical / B.E in Civil / Environmental & Architecture, Biotechnology.**
- **50 % of the seats are reserved for students with Environmental Science as cognate subject at degree level. In case of non-availability of students with Environmental Science as cognate subject students from other subjects will be considered.**

## **Eligibility for M.Sc. in Solid Waste Management**

- **A graduate in Science/Agriculture/Horticulture/Forestry/ B.E. in Environmental Engineering, Biotechnology, Chemical Engineering with a minimum of 50% marks in the aggregate of all the optional subjects, , provided he/she has studied Chemistry / Biochemistry and one of the life sciences subjects either at degree level or at PUC (10+2 level), is eligible .**
- **A graduate with any of the following optional subjects are also eligible: Environmental Science, Botany, Zoology, Applied Botany, Zoology, Biological Sciences, Biotechnology, Geology, Genetics, Life Science, Microbiology, Zoology with Chemistry, Biochemistry.**

## **Teaching / Research opportunities:**

- Assistant Professor
- School and College Teachers
- Technical Assistant
- Research Fellow and Assistants (JRF, SRF, RA)
- Environmental officer
- Environmental Scientist

## **Opportunities at Governmental establishments:**

- Central / State Pollution Control Board
- Dept. of Forest Ecology and Environment
- Ministry of Environment and Forest & Climate Change
- Urban and Town Planning Department
- Water Resources and Agriculture Department
- Karnataka State Remote Sensing Application Centre (KRSAC)
- Directorate of Municipal Administration
- Environmental Management and Policy Research Institute (EMPRI)
- Karnataka State Biodiversity Board
- Karnataka State Natural Disaster Monitoring Centre (KSNDMC)
- Bruhat Bengaluru Mahanagara Palike (BBMP)
- Bangalore Water and Sewerage Supply Board (BWSSB)
- National Environmental Engineering Research Institute (NEERI)
- Rural Development and Panchayat Raj Development (RDPR)
- Indian Institute For Human Settlements (IIHS)
- Center for Infrastructure, Sustainable Transportation and Urban Planning (CiSTUP)

## **Opportunities at Industries / Consultant:**

- EHS Officer
- Environmental Engineer
- ETP / STP Manager
- Green / Environment Audit
- Waste management
- Green belt development
- Sustainable and footprint
- EIA / EMP
- Soil and Water quality analyst
- E- Parisara Private Limited
- Saahas Zero Waste - Waste Management & Consulting Services (Waste Recyclers)
- E-waste Hub is a Bangalore
- Green Power Systems – Bangalore (Karnataka)
- Composting / vermicomposting Kalika Kendra, Swachagraha Kalika Kendra under BBMP jurisdiction
- Bio medical Waste Bins, Bangalore
- Saveco Waste Management Private Limited

## **Position in Non-Governmental Organization (NGOs) / Media:**

- Project Co-ordinator
- Environmental Manager
- Community Extension Officer
- Environmental Journalist
- Opportunities at ATREE, TERI, CSD, CSE, EFI, CEE, Hasirudala, Plastic for Change, Waste Wise Trust, Green ways, CMAK, etc.



