



AMITY
UNIVERSITY
ODL



MASTER OF SCIENCE

ENVIRONMENTAL SCIENCE

MODE: ODL

USA, UK & CANADA ACCREDITATIONS



Approved by
UGC

ज्ञान विज्ञान विमुक्तये

WISC

SENIOR COLLEGE AND
UNIVERSITY COMMISSION, USA



QAA
Global

Accredited by
The Quality Assurance Agency
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WORLD EDUCATION SERVICES



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MESSAGE FROM **DIRECTOR**



Prof. Abhinash Kumar

Director, Amity Directorate of Distance and Online Education

Amity Directorate of Distance and Online Education provides 'Anytime, Anywhere' education experience, intensive corporate interaction, industry-oriented teaching delivered by eminent corporate experts and world-class faculty.

Designed to suit both graduate students and working professionals, our programs adhere to UGC's stringent criteria and we are at par with the campus programs.

ABOUT

AMITY EDUCATION GROUP

Bringing together pedagogy, content and technology, Amity Directorate of Distance and Online Education is home to a range of University Grants Commission (UGC) entitled programs meant for anytime, anywhere learning. Amity Directorate of Distance and Online Education serves the educational aspirations of students across the globe with Master's, Bachelor's, Post Graduate Certificates and Certificate programs through its well-researched curriculum, renowned faculty, cutting-edge technology and close industry-academic partnerships.

Amity Directorate of Distance and Online Education is devoted to creating a transformative learning environment. In today's environment, when content is mobile and available anytime, anywhere, learning is truly a click away.

EDUCATION GROUP



A LEADING GLOBAL EDUCATION GROUP

Amity Education Group is one of the largest education groups, established over twenty years ago, offering globally benchmarked education right from pre-school to Ph.D. level with over 400 UG & PG programs across various disciplines in education.



3,35,000

Alumni Network



6,000+

Faculty



120,000

Alumni Worldwide



1,200

Acres of Campuses

UNIVERSITIES IN

- NOIDA
- GURUGRAM
- GREATER NOIDA
- JAIPUR
- MOHALI
- LUCKNOW
- MUMBAI
- GWALIOR
- RAIPUR
- KOLKATA
- RANCHI
- PATNA

INTERNATIONAL CAMPUSES IN

- LONDON
- DUBAI
- SINGAPORE
- NEW YORK
- SAN FRANCISCO
- ABU DHABI
- MAURITIUS
- SHARJAH
- SOUTH AFRICA
- AMSTERDAM
- NAIROBI
- TASHKENT

ABOUT PROGRAM

MASTER OF SCIENCE (ENVIRONMENTAL SCIENCE)

LEARNING EFFORTS: 29 HRS A WEEK

DURATION: 2 YEARS | **CREDITS:** 102

MODE: ODL with fortnightly in-campus classes

Master of Science (Environmental Science) is a postgraduate program of two years duration. Each year is divided into two semesters i.e., total 4 semesters. Earn a degree from a globally reputed university, enhancing your professional profile with a valuable career credential. Deepen your knowledge and propel your career forward with our dedicated 2-year program, equipping you with the essential skills to formulate impactful conservation strategies. Explore diverse career opportunities in government, NGOs, private companies, & research organizations, and become a catalyst for positive change.

IN CAMPUS CLASSES	CASE STUDY DISCUSSION	HANDS-ON TRAINING/ WORKSHOP	WEBINARS & SEMINARS	INDUSTRY EXPOSURE	MENTOR- MENTEE MEET
2 days on weekends every fortnight	Embedded with the Program's Timeline	In accordance with the program curriculum	Regular Industry Interaction	Embedded with the Program's Timeline	Periodic interaction with the course faculty



WHAT MAKES M.SC. EVS PROGRAM AT AMITY STAND OUT?

- PG Diploma in Environment Impact Assessment and Auditing after completion of first year
- Certification in Environment and Carbon Finance after the third semester.
- Partnership with Ministry of Environment Forest and climate change for various trainings and workshops.
- ESG exposure in different companies like Wipro, Tata Steel, Mahindra and Mahindra, Infosys, ITC, Adani, Reliance, HDFC Bank, HUL, Airtel Bharti, L&T
- Working in close collaboration with different sustainability programs in top organizations like Aalingana: Embracing Sustainability of Tata Group, Wipro Earthian Sustainability Program, HDFC Bank Parivartan etc.
- Visit to Amity University, Haryana which is the only University with the highest global rating for green building by GBCI and US Green Building Council (the first university building in India and 2nd only in Asia) to study the ESG and SDG parameters.
- Self-learning activities spread across discussions, quizzes, assignments, poll study, reading the study material, and understanding through recorded lectures.
- A research outlook in the form of ISR (Independent Study Research)
- Interactive webinars, quizzes, and expert talks to enhance the learning experience.
- Industrial exposure with the help of workshops, webinars, and industry collaboration for hands-on training.
- This program covers a wide range of emerging courses including EIA, EMS, Climatology, Meteorology, GIS, Remote Sensing, Environmental Accounting, and Pollution Abatement.
- Access to discussion forums, and support services at any time, providing flexibility for when and how they engage with course materials.
- Curriculum aligned with current industry trends and demands, ensuring that postgraduates are well-prepared for the workforce.
- Computer-based Online examination on the premises of Amity University, Noida Campus.
- Career counseling to help students transition smoothly from academia to the professional IT field.

PROGRAM

CURRICULUM

SEMESTER 1

- Principles of Ecology & Biodiversity
 - Environmental Chemistry and Applications
 - Fundamental of Natural Resources
 - Earth and Environment
 - Statistics in Environmental Science
 - Professional Communication
 - Independent Study Research
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SEMESTER 2

- Environmental Pollution and Abatement
 - Climatology and Meteorology
 - Instrumental Analytical Techniques
 - Environmental Legislation
 - Specialization Electives: (Select any two)
 - Environmental Economics and Policies
 - Environmental Microbiology and Biotechnology
 - Environmental Management Systems
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SEMESTER 3

- Modeling and Statistical Analysis of Environmental Systems
 - Environmental Impact Assessment and Auditing
 - Solid Waste Management
 - Specialization Electives: (Select any two one of 03 credit and one of 04 credit)
 - Energy and its Management
 - Environmental Hazards, Risk Assessment and Disaster Management
 - Community and Sustainable Development
 - Climate Change Assessment
 - Bioremediation Technologies
 - Air Pollution and Modelling
 - Professional Ethics
 - Employability & Skill Enhancement Courses
 - Social Responsibility and Community Engagement
 - Summer Internship
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SEMESTER 4

- Dissertation

PROGRAM

FACULTY



Dr. Pragati Sahai

13+ years of experience in teaching and research and 17 years of administrative experience. M. Phil and PhD. in Biotechnology. She has guided students for minor projects and dissertations. She has various publications and chapters in books in reputed Scopus Indexed Publications like Springer and Elsevier. Her core area of expertise is working closely with Environmental sustainability and promoting green chemistry to support the holobiont. Her technical acumen made her the head of a prestigious school in Delhi, India for 4 years.



Dr. Divya Bansal

19+ years of experience in teaching business management students at UG and PG level. Passion for learning new things and sharing knowledge has led her to a conscious decision of opting teaching as a profession. She has published more than thirty research articles in various reputed journals and presented many papers in National and International conferences. Her research interests lie in the diverse areas of Blockchain technology, marketing, Universal Banking, customer satisfaction, and entrepreneurship.



Dr. Ranjit Varma

Dy. Director
Amity University Online

Dr Ranjit Varma has 28+ years of experience. He has worked as Director in AKTU affiliated college, IIMT Colleges, GGSIPU affiliated Delhi Technical Campus colleges and K R Mangalam University, Gurugram in different capacities. His research interests are in Metamaterials, Microstrip Patch Antennas, Reconfigurable antennas. He has various International and National publications in renowned journals, conferences and workshops. Dr Ranjit Varma has done his Ph. D in Analysis and Design of Metamaterial inspired Microstrip Patch Antenna.

ELIGIBILITY CRITERIA

Students with Indian Education:

- Graduation Degree in Science (any science stream)

ACCREDITED. RESPECTED. TRUSTED.



ज्ञान विज्ञान विमुक्तये

Programmes Recognised by Distance
Education Bureau (DEB) UGC



Asia's only not-for-profit university
to get US regional accreditation



Association of Indian
Universities



WORLD EDUCATION SERVICES

Recognised by World
Education Services



WORLD
UNIVERSITY
RANKINGS



ADVANTAGES



Certificates at the end
of every Semester



Strong alumni
network



World-class curriculum
designed by eminent faculty
& industry professionals



Placement
drive and
career assistance



Regular seminars
& webinars by
industry leaders



Easy-to-use LMS
accessible anytime,
anywhere



Printed books
delivered at your
doorstep



Flexible payment plan
along with easily
available bank loan

ALUMNI

WORKING AT





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