

TERI SCHOOL OF ADVANCED STUDIES

PLACEMENT BROCHURE

2023

M.A. SUSTAINABLE DEVELOPMENT
PRACTICE



Chancellor's Message

Established as an institution of higher learning, TERI School of Advanced Studies aims at creating knowledge and human capacity that enables transition towards a more sustainable world.

The foundation of the institute was laid by the Energy and Resources Institute a not-for-profit, independent research organization globally known for its contribution to scientific and policy research in the realm of energy, environment and sustainable development.

As a leader in sustainability education in India and abroad, TERI School of Advanced Studies (TERI SAS) has been transforming students into sustainability professionals who bring sustainable solutions to the problems that hinder growth in rapidly developing countries like ours.

With the help of an interdisciplinary curriculum taught by a multi-disciplinary faculty, the institute imparts world-class education in domains such as climate change, energy, environment, urban development, policy, water resources, biotechnology, geoinformatics and sustainability management among others.

A series of niche programmes offered by the institute that cater to the demands of the industry and are subjected to constant amendments which enable our students to face and resolve issues with ease.

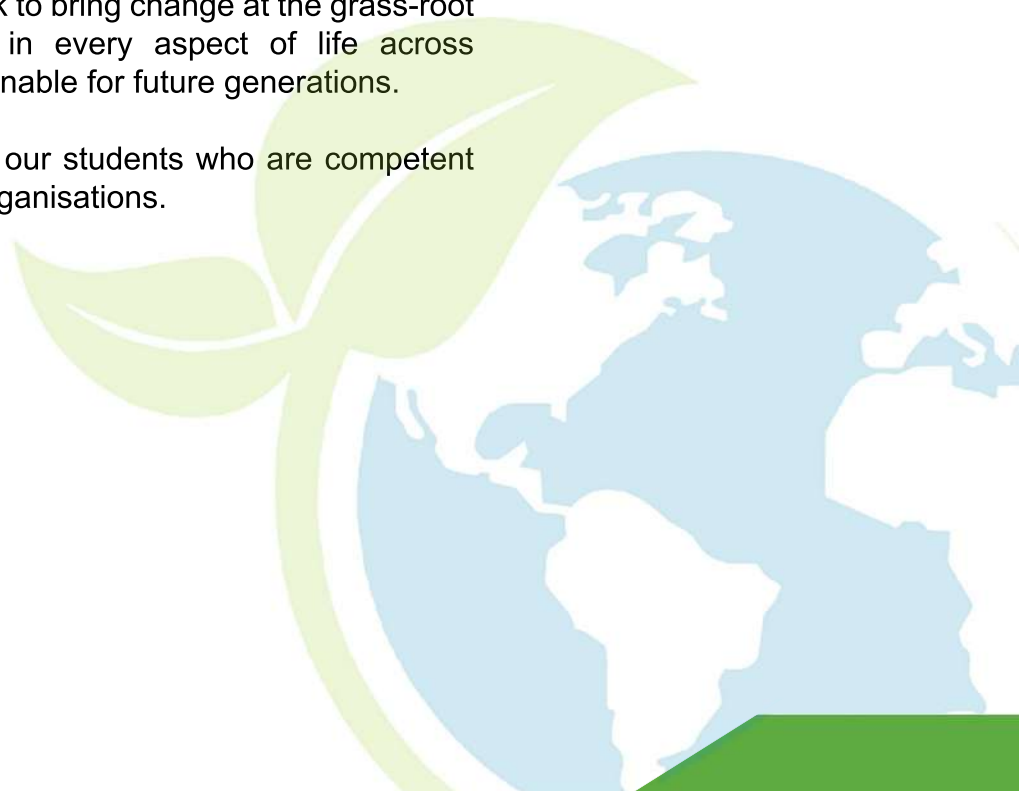
The feedback from the academic peers, employers and other stakeholders always motivate us to work towards improving our teaching methodology and curriculum.

Whether it's the organizations of global relevance such as the United Nations or the organizations that work to bring change at the grass-root level, our alumni are contributing in every aspect of life across continents to make earth more sustainable for future generations.

Therefore, I welcome you all to hire our students who are competent leaders and will be great assets to organisations.



Dr Shailesh Nayak,
Chancellor, TERI SAS



Vice-Chancellor's Message

Dear Development and Industry Partners,

With an aim to create empowered professionals and thought leaders that better aligns the sustainability considerations in pursuit of economic growth and human welfare, TERI School of Advanced Studies (TERI SAS) is a unique institution of higher learning and cutting edge research.

The academic programmes at the TERI SAS have been designed by keeping in mind the challenges of rising population, already depleting and over-exploited natural resources, and opportunities for sustainable development. Over the years, our alumni engaged in diverse domains of various national and international organizations have been the ambassadors of our vision of creating knowledge for sustainable development in both public and private sectors.

The state-of-the-art research by our faculty members helps us to keep our programme curriculum cutting edge, interdisciplinary and solution-oriented. TERI SAS has been a pioneer in sustainability education and it's the unique combination of our multidisciplinary faculty and interdisciplinary curriculum that separates us from the rest of the institutes.

The curriculum ensures that the students inculcate and imbibe the problem-solving attitude through regular engagement with research projects, industry exposure and field visits.

TERI SAS believes in continuously adapting to the change taking place around the world. The feedback from the academic peers at the domestic and international levels, from employers of our alumni and other stakeholders including our students help us to make key amendments in our curriculum and teaching pedagogy.

The multicultural setting comes naturally to TERI SAS as we have students from the diverse regions across India with international students who continuously exchange ideas and experiences, making the institute truly global.

We are certain that you will find our graduates to be competent leaders who adhere to constructive engagements with analytical skills, well versed with contemporary developments in their domains and have solution-oriented approaches. Our graduates will be assets to organizations acclaiming on sustainability.

I welcome you all for the campus recruitment.

Thanking you and best regards,



Prof. Prateek Sharma
Vice-Chancellor(Acting), TERI SAS

About TERI SAS

TERI SAS (earlier TERI University) was established to disseminate knowledge arising from research and development undertaken by The Energy and Resources Institute (TERI), a not-for-profit, independent research institute recognized globally for its contribution to scientific and policy research in the realms of energy, environment, and sustainable development.

In 1999, the University was granted the 'Deemed to be University' status by the University Grants Commission (UGC) and notified vide the Ministry of Human Resources Development, Department of Education, Government of India, notification no. F.9/19/95-U-3, dated October 5, 1999. TERI SAS is also accredited by National Assessment and Accreditation Council (NAAC) with grade "A".

TERI SAS academic programmes are envisioned to provide students with a holistic perspective of the subjects offered and encourage interdisciplinary learning. The University aspires to be an institution of advanced learning which meets the needs of a rapidly growing nation. The University uses modern pedagogical tools, richly supplemented by comprehensive field trips, live industry projects, and hands-on applications.

Administration

The University's Board of Management is responsible for its overall administration and control. All aspects of academic policy are under the purview of the Academic Council, chaired by the Vice Chancellor, which approves curricula, courses and examination results.

ACADEMICS

Since its inception, the wide array of academic programmes offered by TERI SAS have been related to sustainable development and structured around four thematic areas—biotechnology, regulatory and policy aspects, energy and environment, and natural resources.

The University is a first-of-its-kind university in India to dedicate itself to the study of environment, energy, law, water resources, business sustainability and natural sciences for sustainable development.

INFRASTRUCTURE

TERI SAS provides well-equipped laboratories, advanced computer hardware and software, video-conferencing facilities and access to South Asia's most comprehensive library on energy and environment.

Green Campus

Spread over two acres, TERI SAS Green campus comprises of an administrative block, an office block, a convergence and a hostel block. The green campus provides a setting that enhances learning while simultaneously showcasing the concept of modern green buildings including insulation of external walls, terrace insulation, Hunter Douglas louvers, solar water heating system, waste water recycling, rainwater harvesting, solar rooftop system, LED lights and a windmill.

The Academic Council

Chairperson

Prof. Prateek Sharma

Professor & Vice Chancellor (Acting), TERI SAS

Deans

Prof. Ramakrishnan Sitaraman

Professor & Dean(Academic)

Prof. Shaleen Singhal

Professor & Dean(Research & Partnerships)

Prof. Anandita Singh

Professor & Dean(Student's Welfare)

Heads of the Departments

Dr Sudipta Chatterjee

Prof. Vinay Shankar Prasad Sinha

Prof. Naqui Anwer

Dr Sukanya Das

Dr Chaithanya Madhurantakam

Professors

Prof. Arun Kansal

Two Associate Professors from Departments

Dr Chander Kumar Singh

Dr Smriti Das

Two Assistant Professors from the department by rotation of seniority

Dr. Shruti Sharma Rana

Dr Anu Rani Sharma

Nominee by the Vice Chancellor

Prof. Shreekant Gupta

Professor, Delhi School of Economics, University of Delhi

Prof. P.S.N. Rao

Director, School of Planning and Architecture

Prof. Sagnik Dey

Institute Chair Professor, Centre for Atmospheric Sciences, Indian Institute of Technology Delhi

Prof. T C Kandpal

Professor, Centre for Energy Studies, Indian Institute of Technology Delhi

Dr. Vivek Suneja

Faculty of Management Studies, University of Delhi

Prof. Suresh Jain

Professor, IITD

Co-opted Members

Mr. Manoj Chugh

President – Group Public Affairs & Member of the Group Executive Board Mahindra & Mahindra Ltd

Mr. Rahul Mittal

Director, International Tractors Ltd.

Dr Sabhyata Bhatia

Staff Scientist VII, National Institute of Plant Genome Research, New Delhi

Mr. Shubhashis Dey

Director – Climate Policy Program, (Low Carbon Development, Air Quality & Climate Finance), Shakti Foundation

Mr. Niraj Sharma

Chief Scientist, TPE Division, CSIR-Central Road Research Institute

Dr Bidyut Kumar Bhadra

Dy. General Manager, Regional Remote Sensing Centre-North, National Remote Sensing Centre, Indian Space Research Organisation

Dr Madhusudan Sau

Executive Director, R&D Centre, Indian Oil Corporation Limited

Mr. Sudhir Vadehra

Ex-Advisor, Ministry of Power; and Executive Director, REC (Retd)

Controller of Exams

Prof. Shashi Bhushan Tripathi

Secretary

Mr. Kamal Sharma

Registrar (Officiating), TERI SAS

Board of Management

Chairman

Prof. Prateek Sharma
Professor & Vice Chancellor (Acting),
TERI SAS

Deans

Prof. Ramakrishnan Sitaraman
Professor & Dean (Academic), TERI
SAS

Prof. Shaleen Singhal
Professor & Dean (Research &
Partnerships), TERI SAS

Three eminent Academicians nominated by Chancellor

Prof Basabi Bhaumik
Former Professor, IIT Delhi

Dr Sachin Chaturvedi
Director General, Research and
Information System for Developing
Countries (RIS)

Dr Swati Basu
Former Director, National Centre for
Medium Range Weather Forecasting
and Former Scientific Secretary, PSA's
Office, Government of India

Nominee of Sponsoring Society

Dr V.P. Singh
Regional Rep for South Asia,
International Centre for Tropical
Agriculture

Prof. Nitya Nanda
Director, Council for Social
Development

Mr. O P Agarwal
Former IAS and former CEO of WRI

Two teachers (from Prof and Associate Prof)

Prof. Anandita Singh
Professor, TERI SAS

Dr Sukanya Das
Associate Professor, TERI SAS

Secretary

Mr. Kamal Sharma
Registrar (Officiating), TERI SAS

ACADEMICS

Since its inception, the wide array of academic programmes offered by TERI SAS have been related to sustainable development and structured around four thematic areas—biotechnology, regulatory and policy aspects, energy and environment, and natural resources.

The University is a first-of-its-kind university in India to dedicate itself to the study of environment, energy, law, water resources, business sustainability and natural sciences for sustainable development.

Department of Natural and Applied Sciences

Quality of life depends on the quality and quantity of natural resources available for use in equitable ways. The world today faces an unprecedented challenge of sustainability. Finding a balance between meeting the needs of human population and maintaining integrity of nature around us is the foremost question of our times. It is imperative to understand how natural processes and systems work around us and how to best use them in pursuit of this balance. The Department of Natural and Applied Sciences (DNAS) at TERI SAS is established to impart training for engaging with the questions of natural resource management in a scientifically rigorous manner. It houses faculty members from a diverse academic disciplines with a focus on applied research for informed decision making.

DNAS offers four distinct interdisciplinary masters programs in Biotechnology, Climate Science and Policy, Environmental Science and Resource Management, and Geoinformatics; and two transdisciplinary Ph.D. Programs in Bioresources and Biotechnology, and Natural Resource Management.

Students pursuing their Master's / Doctoral programme at DNAS are exposed to an academically rigorous and interdisciplinary learning environment with a significant emphasis on laboratory work and engagement with contemporary debates, emphasizing exploration and creative thinking and application as essential ingredients of originality in research and learning.

Department of Policy and Management Studies

The primary challenge of the human being is to improve quality of life across generations, an objective now widely recognized as Sustainable Development. This challenge necessitates numerous interventions concerning each of its components: environmental, social and economic. These interventions range from eradication of hunger and poverty to reduction in inequality; from the provision of quality education, good health, decent work environment, water, sanitation, affordable and clean energy to fostering gender equality; from economic growth to effective institutions; from responsible consumption and production to taking urgent actions to combat climate change.

The Department of Policy and Management Studies (DoPMS) at TERI School of Advanced Studies (TERI SAS) aims to contribute to theoretical and empirical enquiry towards informed prescriptions, implementable policies, sustainable practices and management through research, teaching and training. The continued research in sustainability for the business is also one of the key concerns of the Department.

Faculty of the Department have disciplinary backgrounds in Anthropology, Economics, Population Studies, Sociology, Finance & Accounting, Corporate and Commercial Laws, Public Health, Strategy, Business Sustainability, Circular Economy Finance, Climate Finance, Development Studies and Public Policy. Such disciplinary enables the promotion of multi-disciplinary research and learning at the economy-society-ecology interface. The faculties are engaged in active research in their disciplines as well as within the broad theme of sustainable development. This is reflected in their publications, sponsored projects, consultancies and training programmes and supervised research. The faculty regularly engage with the scientific community through seminars and conferences, participate in different forums as experts or resource persons, and engage with the general public through their lectures, print and digital media.

Department of Sustainable Engineering

Over the past half century, the global community has been debating the mode of economic growth, amid challenges of environmental degradation, energy transition and climate change. India among the several emerging economies, though at crossroads, it has chosen a trajectory of sustainable development for ensuring inter-generational equity and inclusiveness in its growth journey. As India is growing economically amid an increased pace of urbanization, the burden on resource utilization and management has increased Substantially. Two prominent sectors such as energy and urban development facing challenges which are bound to increase due to climate change. Addressing these challenges will require trained professionals who can assess the problems, think critically by integrating multiple sectors and create evidence-based solutions. The focus of Department of Sustainable Engineering (DSE) at the TERI SAS is to develop a cadre of professionals having requisite knowledge and skillsets towards addressing the current and envisaged challenges faced by humanity by promoting scientific, technological and policy innovations for strengthening local, regional, and global development agendas.

DSE offers MTech and doctoral programmes in areas of Renewable Energy Engineering & Management (REEM), and Urban Development Management (UDM). The Department is cognizant of the complex environmental, socio-economic, and political challenges that require an integrative approach towards engineering and sustainability. The DSE encourages collaboration with relevant stakeholders including industry, government, academic & research institutions, and multi-lateral organizations to deliver practice-informed research and teaching.

The curriculum of programmes offered by DSE is an eclectic mix of foundational and advanced courses which promotes both critical and creative thinking. The students at DSE are drawn from diverse branches of engineering, science, architecture, and planning which cultivates robust peer learning. The faculty at the DSE has wide experience and expertise across multiple domains, touching upon the two main themes of the Department – renewable energy and urban development.

Coca-Cola Department of Regional Water Studies

The Coca Cola Department of Regional Studies was created in 2014 with a mission to create a cadre of water professionals who can provide systematic solutions to enhance water security. The water science and governance programme aims to prepare regional water champions who can address water problems in a holistic manner that encompasses both the science of water management and the governance and an enabling policy environment with a healthy blend of theory and practice. The teaching programme focuses on cross cutting issues of water resources through science, engineering, legal, socio-economic and institutional dimensions.

The Department offers two Master's level programmes and Ph.D. programme. The M.Sc. programme in Water Science and Governance is an interdisciplinary program with emphasis on development of social, economic, institutional and governance perspectives. The water professionals graduating from TERI SAS are equipped to examine water issues in a trans-boundary and cross-cultural framework transcending environmental science, social, economic and legal discourses. The M. Tech programme in Water Resources Engineering and Management integrates engineering and technological theories with socio-economic principles. The courses address the technical, social, economic, legal and political dimensions of water. Interdisciplinary in its scope and objectives, the programme prepares students for a rewarding and challenging career in water resources management.



COLLABORATIONS

Stressing the importance of the international perspective in its programmes, TERI SAS has entered into Memorandums of Understanding (MoUs) with several international universities aimed at facilitating a mutually beneficial exchange of students, faculty, knowledge, resources, and ideas.

Organisation with which MoU is signed

Freie University, Berlin

The Heller School for Social Policy and Management,
Brandeis University

Himalayan University Consortium Charter University of
Iceland

Sambhram Institute of Technology, Bangalore & TERI,
Bangalore

The University of the West Indies, Kingston, Jamaica

Environment Protection Training and Research Institute,
Telangana, India

Karl-Franzens-University, Graz; Ca'Foscari University,
Venice; Leipzig University, Germany; Utrecht University,
Netherlands; Basel University, Switzerland; Hiroshima
University, Japan; Stellenbosch University, South Africa

Gurugram Metropolitan Development Authority, Haryana

Institute for Future Cities, University of Strathclyde,
Glasgow, United Kingdom

Kwame Nkrumah University of Science and Technology,
Kumasi, Ghana

Future Himalaya Institute (FHI), Kathmandu, Nepal

Faculty of Graduate Studies, University of Sri
Jayewardenapura, Sri Lanka

National Institute of Disaster Management (NIDM), India

Purbanchal University, Nepal

The University of Victoria, B.C., Canada
Deakin University, Australia

SM Sehgal Foundation, Gurugram

CPWD, New Delhi

University of Science, Engineering and Technology,
Gambia

Lomonosov Moscow State University

Linnaeus University, Sweden

Mahindra & Mahindra Ltd.

Humboldt University, Berlin

EKI-Energy Services Limited

Canvest Infracapital Inc., Canada

DHAN Academy, Tamil Nadu

Centre for Public Policy Research, Kerala

Emerson Electric Co (I) Pvt. Ltd, Pune, Maharashtra

National Bureau of Plant Genetic Resources

University of Rhode Island, USA



INFRASTRUCTURE

TERI SAS provides the best equipment and instruments, which includes a state of the art computer hardware and software, well-equipped laboratories, video-conferencing facilities and access to South Asia's most comprehensive library on energy and environment.

Green Campus

Spread over two acres, TERI SAS Green campus comprises of an administrative block, an academic block, a convergence and a hostel block. The green campus provides a landscape that enhances learning while simultaneously showcasing the concept of modern green buildings including insulation of external walls, terrace insulation, Hunter Douglas louvers, solar water heating system, waste water recycling, rainwater harvesting, solar rooftop system, LED lights and Wind turbines.

Laboratories

TERI SAS laboratories are equipped with advanced equipment and facilities to aid and stimulate research.

The different laboratories at TERI SAS are:

Environmental Monitoring Laboratory

The laboratory has been created with the objective of providing a facility with all the basic equipment required for the analysis of environmental samples (soil, waste, water, and air). It caters to the interdisciplinary application of research to all the master's students (science-based) of the Deemed university. This laboratory facility is common for M.Sc./M.Tech. (ESRM, CSP and WSG) programs

Combustion Lab

The combustion lab was established in 2009 with the initial funding received from DST project and MNRE projects. It is a small lab however equipped with instruments used for emission and thermal efficiency testing. Primarily, we conduct experiments based on internationally accepted protocols viz, water boiling test (WBT) and kitchen performance test (KPT) in the above-mentioned lab. The hood methodology is used to capture and quantify the various products of incomplete combustion.

Environment Lab

The laboratory supports master's level experiments pertinent to the laid curriculum. The lab is equipped with instruments required for environmental analysis (soil, water, and air). The laboratory is capable to perform analysis on drinking water, wastewater, surface and groundwater, soil, and sediments, including air quality monitoring, and basic microbial analysis. Laboratory also supports various training programs offered by the university in the associated fields. This laboratory facility is common for M.Sc. (ES, WSG, and CSP) programs.

Centre of Excellence in Thermal Energy Storage

The laboratory is equipped for research on new thermal storage system development for sub-ambient, low, and medium temperature applications and characterizing storage material properties for optimal system design.



Heat transfer laboratory

The laboratory provides hands-on training to students to understand various heat transfer modes, devices and to quantify their characteristics parameters or properties.



Power Systems laboratory

The lab provides fundamental experimental knowledge on different equipments used in electrical power system at various loading conditions and to measure their characteristics.

Hybrid Micro Grid (HMG) laboratory

The lab houses solar PV system, wind turbine, battery energy storage and connected together to develop a hybrid micro grid. The research facility is used for carrying out power flow experiments.

Energy Simulation Laboratory

The lab is equipped with the state of the art software used in Renewable Energy industry. The lab provides in-depth understanding on design, simulation, financial analysis and optimization of various renewable energy technologies for plant/system design and other applications.

Biofuel and Waste Utilization Laboratory

The lab is used to conduct research experiments on the combustion process, fuel properties, biomass conversion, and pyrolysis.

Solar Energy Laboratory

The lab is equipped with outdoor and indoor experimental facilities to conduct experiments on the characterization of solar photovoltaics modules, radiation measurement, and performance analysis of various solar thermal devices/systems.



Geoinformatics Laboratory

The TERI SAS geoinformatics laboratory is well equipped with state-of-the-art equipment such as state-of-the-art computers (workstations), a scanner, printer, plotter, navigation devices, infrared thermometers, etc. It has license for high -end commercial software's like ERDAS Imagine, LPS, ArcGIS, MIKE, GMS, and WEAP along with other advanced support system's mechanism. The laboratory is also equipped with web publishing tools like ArcGIS Advance and ArcIMS Servers. The laboratory is **also fitted with various open-source** geospatial softwares to expose our students to the powerful open-source environment.

The laboratory holds a good repository of geospatial information in both digital and hard formats. The Geoinformatics laboratory of the Department of Natural and Applied Sciences of TERI SAS has a solid network with several research establishments and Universities working in Geoinformatics and other associated fields both within and outside the country. We also support R&D activities of various centres of The Energy Resources Institute (TERI) branches located across the country.



Analytical and Geochemistry Laboratory



The analytical and geochemistry lab caters the needs for research in understanding the earth sciences problems and providing solutions to these problems. The researchers in the laboratory are currently engaged in understanding the natural occurrence of Arsenic, Fluoride and Uranium in groundwater. The lab also has developed prototype nano-materials to remove such geogenic contaminants from groundwater to provide safe drinking water. The lab has established linkages to Lamont Doherty Earth Observatory, Columbia University; Dept. of Engineering,

Massachusetts Institute of Technology, Stanford University. The lab also has developed linkages with institutions in India such as IIT Kharagpur, IIT Guwahati, Jawaharlal Nehru University, SPCB Bihar, Drinking Water Supply and Sanitation, Punjab, Board of Research in Nuclear Sciences etc. The laboratory houses several water field testing kits, flame photometer, double beam spectrophotometer, LED-Fluorimeter, Radiation Survey Meter, Air-dry Oven, Sonicator, pH meter, Muffle furnace, Ion selective Electrodes, Conductivity meter etc.

Biotechnology Laboratory

The Biotechnology Laboratories at TERI SAS are equipped for teaching and research in Biotechnology. The laboratories harbor both basic as well as sophisticated equipment used the modern biotechnology research. In addition to these, the Bioinformatics laboratory is equipped with a high capacity server, workstations and dedicated computers with advanced software such as MATLAB, GCK, PAUP and MacVector. There are two laboratories for M.Sc. teaching and two research laboratories. Furthermore, the students also have access to TERI's research laboratories at Gwal Pahari.



Some of the major equipment installed in the laboratories are listed below:

- | | | |
|--------------------------|-----------------------------|----------------------------------------------|
| ●Real time PCR | ●Centrifuges | ●Spectrophotometer |
| ●Zeta Potential Analyzer | ●Incubator Shakers | ●SE 600 Ruby complete, 2D, Vertical Gel unit |
| ●Refrigerators | ●Thermal cyclers | ●2D Gel Electro power supply, EPS 601, GE |
| ●Microscopes | ●EVOX-XL Microscope | ●Gel Doc system XR |
| ●Laminar Flows | ●Nanodrop Spectrophotometer | ●Ice Franking Machine |
| ●Power Pack/Power supply | ●Gene Pulser X Cell | ●Growth Chamber GC - 100 |
| ●BOD Incubator | ●HB-1000 Hybridization Oven | ●Electronic Balances |
| ●Deep freezers -20°C | ●Stereo Zoom Microscope | ●Deep Freezer -80°C |
| | | ●Solar PV Simulator |

Library

One of the key infrastructures of TERI SAS is its well developed and centrally organised library. The library has a number of electronic services and an ever-wider range of resources in order to support teaching, learning and research. The Library also engages in partnership initiatives with academic colleagues and national and international universities. The services are offered electronically through a web-enabled integrated digital information system.



M.A. SUSTAINABLE DEVELOPMENT PRACTICE (SDP)

About the program



The M.A. Sustainable Development Practice (SDP) is one of the flagship programmes on sustainability practice at TERI School of Advanced Studies (TERI SAS). Introduced in 2010, the programme aims to develop an international cadre of development professionals well equipped to tackle problems across sectoral divisions and interwoven challenges faced by the world today. The MA-SDP Programme of TERI SAS lays emphasis on addressing critical gaps in sustainable development education with a specific thrust on combining theory-enriched classroom teaching with rigorous field-trainings. A systemic thinking and an interdisciplinary approach are the frames used in the programme to explore sustainable development and sustainability education.

The uniqueness of the programme lies in rigorous multi-disciplinary training encompassing four knowledge areas i.e. — natural sciences and engineering, health sciences, social sciences, and management combined with intensive field-immersions by students.

The M.A. (SDP) programme at TERI SAS has been designed and implemented based on the recommendations of the International Commission on Education for Sustainable Development Practice that executed a global situation analysis of development training programmes in 2007-2008. TERI SAS was one of the first ten universities globally chosen by the John D. and Catherine T. MacArthur Foundation to receive seed funding to create the niche Masters Programme in the SDP domain.

At present, 39 universities across 26 countries including the countries from North America, Europe, Latin America, South Asia/Central Asia, East Asia, and Africa, offer similar programmes. Globally recognised as Masters in Development Practice (MDP), M.A. (SDP) at TERI SAS is a two-year fulltime programme that aims to groom 'development professionals', with cross-sectoral problem-solving skills encompassing four knowledge domains - natural sciences, health sciences, social sciences, and management.

The intensive field trainings and practical components of the programme help to integrate the knowledge across all four domains to analyse and solve sustainability challenges. The global network of MDP Programme is coordinated by the Global Secretariat of MDP located within the Sustainable Development Solutions Network (SDSN) office, New York, USA (<http://mdpglobal.org/>).

The Global Association includes various universities offering the MDP programme and a broad range of collaborating development organisations worldwide. These organisations range from corporate and governmental organisations to not-for-profit and non-governmental agencies. They work in diverse areas such as health, ecology, poverty-alleviation, climate change and sustainable livelihoods. The Global Association provides a platform for sharing expert knowledge and programme experiences, while the network of organisations offers opportunities for field site placement, internship, and final placement.

PROGRAMME OUTLINE

The following section consists of the semester-wise disciplines, both core and elective, as pursued by the students of this course. The exceptional pedagogy of this course requires students to gain practical experience through a minor and major project mandated by the programme.

Semester I

Perspectives on Development
Integrated Approaches to Sustainable Development Practice (Global Classroom)
Social Research Methods
Application of Environmental Science
Quantitative Analysis for Development Practice
Principles of Economics

Semester II - CORE

Organisational Behaviour and Human Resource Management for Non-profit Organisations
Group Practicum - Community Needs Assessment
Management of Development Organisations
Integrated Impact Assessment
Population and Health: Techniques of Analysis and Policy Perspectives
Development Economics
Key Concepts of Cultural and Political Ecology
Minor Project

Semester II - ELECTIVE

Principles of Geoinformatics

Semester III - CORE

Project Design and Management for Sustainable Development Practice
Public Policy Processes and Institutions
Public Health and Development: Issues and Methods

Semester III - ELECTIVE

Application of Quantitative Data Analysis in Development Practice
Gender Rights and Equity Perspective for Sustainable Water Management
Climate Change and Disaster Risk Reduction
Governance and Management of Natural Resources
Governance and Climate Change
Law and Justice in Globalizing World
Sustainable Urban Transport
Urban Disaster Management and Climate-Resilient Cities
Economics of Health and Environment
Sustainability Reporting
Sustainable Consumption and Production
Entrepreneurship
Indian Agricultural Development: Contemporary Issues
Corporate Governance
Wildlife Conservation and Management
Environmental Management Systems
Business, Natural Ecosystems and Community
Energy Audit and Management
Waste to Energy
Urban Housing Policy
Entrepreneurship
Semester IV
Major Project

GLOBAL CLASSROOM (By the Global Association of MDP)

The 'Integrated Approaches to Sustainable Development Practice' is a web-based course that fosters cross-disciplinary collaboration and allows students and teachers from around the world to participate in collective assignments and learning experiences. Integrating the core areas of the health, natural, social and management sciences, this course is designed to provide students with the substantive knowledge and critical skills required to analyze and diagnose the multi-dimensional challenges of sustainable development such as poverty, education, climate change, etc. through international collaboration where the organizations can attend or deliver classes, guest lectures, special events, and virtual programs, by being part of the Global Association.

The broad goal of this course is to explore the knowledge and challenges related the development discourse by listening to globally renowned specialists who have spearheaded sustainable development in the global level. Through this teaching and learning mode of e- Global Classroom; TERI SAS students get a unique opportunity to interact with global thought leaders and experts and also engage in interactive discussions and debates with all members of the Global Classroom.

The following lectures were conducted as a part of the series in the year 2021-2022:

Experts	Designation	Lecture Title
Prof. Jeffrey Sachs	University Professor & Director of the Earth Institute, Columbia University	Introduction to MDP programme; about the SDGs
Mr. Jan-Gustav Strandenaes	Independent consultant, Senior advisor on governance- Pure; Senior advisor on governance-Stakeholder Forum	Governance and Sustainable Development
Ms. Paula Caballero	Senior Director of the Environment and Natural Resources Global Practice, World Bank; Former Director for Economic, Social and Environmental Affairs Ministry of Foreign Affairs, Colombia.	The history of the SDGs; Issues related to governance and sustainable development
Prof. P. Paul Walsh	Professor of International Development Studies in University College Dublin, Ireland.	Economic Well-being
Prof. Khanjan Mehta	Vice Provost for Creative Inquiry at Lehigh University	Social Entrepreneurship
Prof. Glenn Yago and Sir Ronald Cohen	Sir Ronald Cohen- Chairman of the Global Steering Group for Impact Investment and The Portland Trust; Prof. Glenn Yago- Milken Innovation Center at the Jerusalem Institute	Impact Investing
Mr. Martin Visbeck	Professor, Kiel University; head of the research unit "Physical Oceanography" at GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany	Oceans and Sustainable Development
Mr. Daniel Zarrilli	Special Advisor, Climate & Sustainability at Columbia University; former Chief Climate Policy Advisor & OneNYC Director, New York	Urban Sustainability
Prof. Seema Jayachandran	Professor of Economics, Northwestern University	Gender inequality
Ms. Torey de Rozario	Officer of Strategy, Planning and Management and COVID-19 Response at the Bill & Melinda Gates Foundation	Global Health
Ms. María Cortés Puch	VP of Network Program at the UN SDSN	Transformative Partnerships
Dr. Stephanie Wear	The Nature Conservancy	Sewage and Coral Reefs
Ms. Jayathma Wickramanayake	UN Youth Envoy	Youth and Sustainable Development

EMPHASIS AND IMPORTANCE OF ASSESSING COMMUNITY NEEDS

As a part of the course called 'Group Practicum - Community Needs Assessment', a core course offered in the second semester, students of 2021-23 batch took part in a two-week long intensive fieldwork to assess the needs of communities at the village level located in the Nainital District, Uttarakhand. Through this exercise, students were exposed to the complex societal and development challenges encountered by the local people and understand and appreciate the contextual nuances and dynamics of such challenges. The exercise helps students to gain the necessary skill sets required to converse with the local community; be sensitive about local customs and traditions; formulate relevant questions for surveys, interviews, and focus group discussions (FGDs). Students also overcame the challenge of collecting data in a local language and carried out activities under participatory rural appraisal. Students could conduct resource mapping and collect field notes and observations at the micro-level to gather exhaustive primary data from the field. Eventually, the gathered detailed data and information were analysed using various quantitative and qualitative coding techniques and tools of data analysis. The collated data are further used as examples and case studied in the 'Project Design and Management for Sustainable Development Practice' course offered in the third semester. This helps students in devising solutions of some of the complex challenges and effectively connects theory with practice.

The assessment of community needs allows the budding development practitioners to view, interpret, and analyze the complexities of the development challenges faced by the communities in terms of climate change, land rights, health, etc., with a practical approach faced by the communities. Due to the key focus on stakeholder consultation and primary data collection during the field visit, the exploration of probable projects in the following semester was a more fruitful as the creativity of the students could be explored as their ideas were backed by comprehensive data.



FACULTY PROFILE

**Dr. Abhijit Datey**

Assistant Professor, Department of Sustainable Engineering

Ph. D.: Urban Engineering from University of Tokyo, Japan, Expertise: Public policies and programmes concerned with urban housing for low income groups and its linkages to inclusive urban transport, basic infrastructure, and informal markets.

Course taught: Urban housing policy

**Dr. Bhawna Bali**

Assistant Professor, Department of Sustainable Engineering

Ph. D.: Urban Geography, Punjab University, Chandigarh

Expertise: Processes of urbanisation, migration, urban governance and policies.

Course taught: Urban disaster management and climate resilient cities

**Dr. Chandan Kumar**

Assistant Professor, Department of Policy and Management Studies

Ph. D.: IIT, Roorkee

Expertise: Demography and Public Health.

Courses taught: Quantitative Data Analysis for Development Practice; Population and Health: Techniques of Analysis and Policy Perspectives; and Public Health and Development: Issues and Methods

**Dr. Chubamenla Jamir**

Assistant Professor, Department of Natural and Applied Sciences

Ph. D.: University of York.

Expertise: Air pollution focusing on the effects of ground level ozone on agricultural crops.

Course taught: Applications of Environmental Science

**Dr. Deepty Jain**

Assistant Professor, Department of Sustainable Engineering

Ph.D.: Civil Engineering Department, Indian Institute of Technology (IITD), Delhi.

Expertise: of transport planning and policies, urban development, socio-environmental impacts and modelling and simulating urban complexities.

Course taught: Sustainable Urban Transport



Dr Fawzia Tarannum

Assistant Professor, Coca-Cola Department of Regional Water Studies
Ph. D.: TERI SAS

Expertise: Integrated water resources management, gender and equity in water management and participatory water governance

Course taught: Gender, rights and equity perspective for sustainable water management



Dr. Gopal Sarangi

Assistant Professor, Department of Policy and Management Studies
Ph.D.: Economics, TERI SAS.

Expertise: Socio-economic Aspects of Energy Interventions, Issues Interfacing Energy and Climate Change, Energy Regulation, and Economics of Energy.

Courses taught: Principles of Economics; Development Economics.



Dr. L.N. Venkatraman

Assistant Professor, Department of Policy and Management Studies
Post Doc: University of the Free State in South Africa, and

Ph.D.: Development Studies from Bielefeld University, Germany.

Expertise: Education, governance issues, political economy and welfare state.

Courses taught: Perspectives on Development; Management of Development Organisations; and Development Theories and Processes to M.A. (SDP) students.



Dr Sapan Thapar

HoD and Associate Professor, Department of Sustainable Engineering
Ph. D.: IIT, Delhi

Expertise: Energy policy, project finance and energy efficiency. Course taught: Energy Audit and Systems



Dr. Shaleen Singhal

Dean (Research & Partnerships), Department of Sustainable Engineering

Ph. D.: Ulster of University, UK (now Ulster University)

Expertise: Climate change, sustainable smart cities, sustainable consumption, urban redevelopment, and public policy and planning.

Course taught: Sustainable Consumption and Production



Dr. Shantanu De Roy

Assistant Professor, Department of Policy and Management Studies,
Coca-Cola Department of Regional Water Studies

Ph. D.: Economics, Jawaharlal Nehru University

Expertise: Agrarian Studies, issues related to Indian Economy and
Development Economics

Course taught: Indian Agricultural Development: Contemporary Issues



Dr. Sherly M. A.

Assistant Professor

Ph. D.: IIT Bombay - Monash University

Expertise: urban flood risk mapping, design rainfall analysis, flood
modelling and hazard mapping, hydrologic & hydraulic modelling,
disaster vulnerability assessment & mapping, and optimization in water
resources.

Course taught: Introduction to GIS



Dr. Shruti Sharma Rana

Assistant Professor, Department of Policy and Management Studies

Ph. D.: Business Management, Bhopal University

Expertise: Strategy for Business sustainability, Change Management,
Blue ocean strategy and Marketing Management practices.

Courses taught: Organisation Behaviour and Human Resource
Management for Development Organisations; Sustainability Reporting



Dr. Smriti Das

Associate Professor, Department of Policy and Management Studies

Ph. D.: Rural Management from the Institute of Rural Management
(IRMA), Anand.

Expertise: Public Policy Processes, Politics of Resource Management,
Decentralisation and Governance, Institutions and Gender.

Courses taught: Public policy processes and institutions; Governance
of natural resources and community needs assessment. Dr. Das also
facilitates the Group Practicum module for the M.A. (SDP) programme.



Dr. Sudipta Chatterjee

Associate Professor, Coca-Cola Department of Regional Water Studies

Ph. D.: Botany, H.G. Sagar University, Madhya Pradesh

Expertise: Biodiversity and Conservation, Wildlife Conservation and
Management

Courses taught: Wildlife Conservation and Management



Dr Sukanya Das

HOD and Associate Professor, Department of Policy and Management Studies

Ph.D: Jadavpur University

Expertise: Environmental and resource economics, water economics and health economics.

Course taught: Economics of Health and Environment



Dr. Swarup Dutta

Assistant Professor, Department of Policy and Management Studies

Ph. D.: Department of Anthropology, University of Delhi

Expertise: Development anthropology, social exclusion and marginalisation, agrarian issues and culture, Environment and Politics

Courses taught: Social Research Methods, Integrated Approaches to Sustainable Development Practice, Cultural and Political Ecology



Prof. V. Subramaniam

Department of Natural and Applied Sciences

Ph. D.: Northwestern University, USA

Expertise: Environmental Chemistry, River water quality and quantity, Environmental quality, EIA, Water and Environment, Geochemistry and natural mineral and water resources, Pollution, River basins, Hydrology, Impact assessment.

Course taught: Integrated Impact Assessment



Dr. Vidhi Madaan Chadda

Assistant Professor, Centre for Postgraduate Legal Studies, Department of Policy and Management Studies

Ph.D.: Faculty of Law, University of Delhi.

Expertise: Company law, Competition law, Insolvency law and Tax law.

Course taught: Corporate Governance

GUEST FACULTY

Mr. Amrithnath SB

Visiting Faculty

Qualification: LLM in Commercial and Environmental Laws from Cochin University and the second Master in Intellectual Property Law from King's College, London.

Expertise: Environmental Law & Intellectual Property Law

Course taught: Law, Society and Sustainable Development

Prof. G. Krishnamurthi

Visiting Faculty

Director at Foundation for Catalysing Rural Transformation. Previously, he was associated with Development Management Institute (DMI), Patna as the Senior Professor and Dean.

Expertise: Total Quality Management, Project Management, Supply Chain Management, and Management Information System.

Course Taught: Project Design and Management for Sustainable Development

Jayati Talapatra

Visiting Faculty

Qualification: PGDPMIR, XLRI

Expertise: leadership and organisation development, Business Sustainability

Course taught: Business, Natural ecosystems and community

Dr. Lakshmi Raghupathy

Visiting Faculty

Ph. D. BITS Pilani

Expertise: Environment and Waste Management

Course taught: Waste to Energy

Dr. Sreeja S. Nair

Ph. D.: IGNOU

Expertise: Disaster Damage and Loss Database Development, Damage and loss assessment methodologies, Vulnerability and Risk Assessment, Mainstreaming DRR, End to End Early Warning Systems, Geoinformatics Applications In CCA and DRR, Risk Sensitive Planning, Ecosystem Based DRR and Climate change Adaptation and e-learning tools.

Course taught: Climate Change and Disaster Risk Reduction

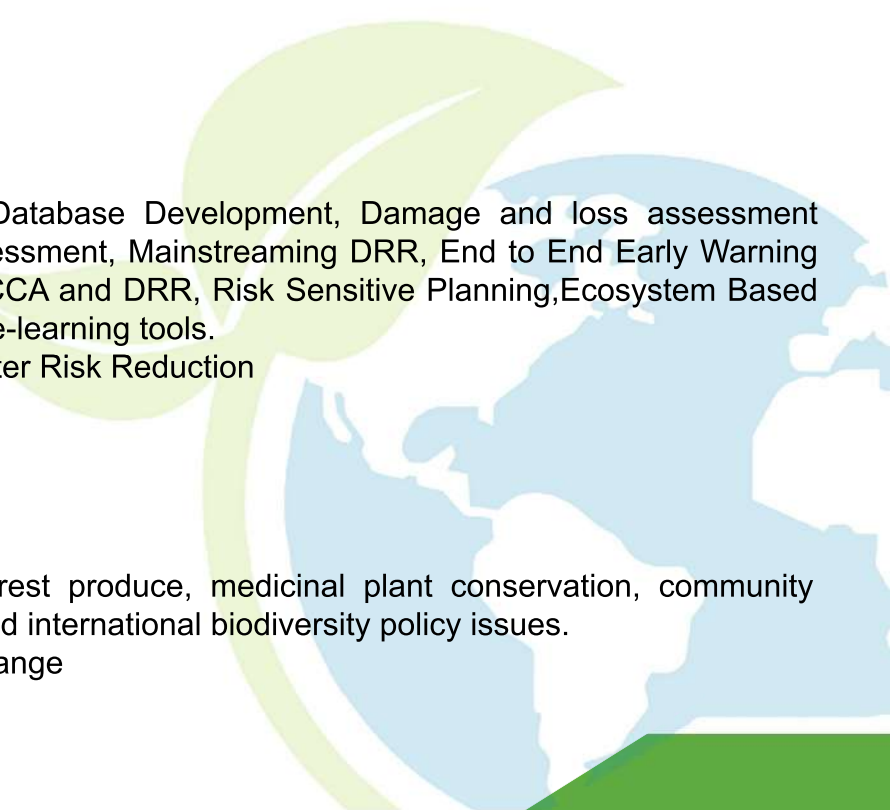
Dr Yogesh Gokhale

Visiting Faculty

Ph. D.: Botany, Mumbai University.

Expertise: Forest ecology, non-timber forest produce, medicinal plant conservation, community forestry, eco-development, and national and international biodiversity policy issues.

Course taught: Governance of Climate Change



STUDENTS' PROFILE



AK Yogesh Chandra
B. Tech (Computer
Science Engineering)

Institution: University College of Engineering (Kariavattom), University of Kerala
Minor Project Title: Crop residue management in Rice and Wheat Cropping System to reduce GHG emissions in India

Minor Project Organization: Nestle India Pvt. Limited

Work Experiences:

1. Project Coordinator - Saahas NGO (24 months)
2. Team Lead - Pravah ICS (4 months)
3. Consultant - DEF (3 months)

Certifications: PG Diploma in Digital Marketing

Achievements:

1. Selected as Youth Leader at Lead India program in association with US Embassy
2. Selected as Yatri for Jagriti Yatra
3. Fellow at Make A Difference organisation

Technical Skills: GIS (Basic), Web Auditing



Akshata Sinha
B.A. Programme (History
and Political Science)

Institution: Gargi College, University of Delhi

Minor Project Title: The Life Skills Collaborative

Minor Project Organization: ASER Center

Other Experiences:

1. Curriculum Review and Development Intern - Mount Abu Public School (3 Months)
2. Writer and Editor - The Economic Transcript (12 months)

Technical Skills: Qualitative Research, Microsoft Office



Aniket Clytone
B.Sc. Chemistry

Institution: Fergusson College, University of Pune

Minor Project Title: Scope for sustainability for the Aviation Industry

Minor Project Organisation: VNV Advisory Pvt. Ltd

Other Experience: Sustainability Intern - Rawlplug India (3 months)

Technical Skills: STATA, ADMS, SCADA



Ann Susan Mathew
B.A. in Political Science
and Sociology

Institution: Jesus and Mary College, University of Delhi

Minor Project Title: The 1 MWP Solar Pv Installations at Nandha Village, Bhiwani, Haryana

Minor Project Organization: C&S Electric Limited

Other Experience:

1. Senior strength and conditioning coach - Cult.Fit - 30 months
2. Soft skill trainer (age 3-15) - Little leap (3 months)
3. Teaching - Umeed a drop of hope NGO (4 months)

Achievements:

1. Rugby – International
2. Boxing, Wrestling, Powerlifting and Weightlifting – University

Technical Skills: Microsoft Word and Microsoft Excel



Arihant Jain
B.Sc. Economics,
Mathematics, and Statistics

Institution: Central Campus, CHRIST (Deemed to be University), Bengaluru

Minor Project Title: VNV Advisory

Minor Project Organization: Sustainable Rice Cultivation for Marginal Farmers in Madhya Pradesh, Chhattisgarh, and Maharashtra

Work Experience: Associate Analyst - Deloitte USI (Consulting) (16 months)

Certifications:

1. YLAC Policy in Action Fellow (2020)
2. Sustainable Cities by Sustainable Development Solutions Network (Course)
3. Politics and Economics of International Energy by Sciences Po (Course)
4. IUCN Professional Certificate on Nature-based Solutions (Course)

Technical Skills: Microsoft Office, R, and Qualitative Analysis



Arpita Elisheba M. Victor
B.A. Political Science and
History

Institution: St. Stephen's College, University of Delhi

Minor Project Title: Just Transition Project

Minor Project Organisation: The Energy and Resources Institute (TERI)

Other Experience:

1. Research Intern - SPRF India (2 months)
2. Intern - Embassy of India, Tokyo (2 months)

Certifications: Diploma in Conflict Transformation and Peace Building (Lady Shri Ram College for Women, University of Delhi)

Achievements:

1. Secured 'First Position' in Policy-Athon in "India Land and Development Conference 2021" organized by Centre for Land Governance, NRMC.
2. Co-author - "Vermin' politics: Human-wildlife conflict mitigation needs to be based on science, not historical biases" for Down to Earth
3. Author - "India's Land Reforms: Exemplifying the gap between principle and realisation" for SPRF India
4. Co-author - "Doubling Farmers Income: A Review of Progress – Factsheet 2: How risky is Farming in India?" For SPRF India

Technical Skills: STATA and Microsoft Excel



Aryamaan Sinha
B. Arch.

Institution: Amity School of Architecture and Planning, Amity University

Minor Project Title: Development of Oxygen Footprint Index

Minor Project Organization: Oxygen Positive

Other Experience:

1. Junior architect in S. Ghosh & Associates (3 months)
2. Intern as Green Building Analyst at MAG Consultancy (6 months)

Certifications: Autodesk Revit

Technical Skills: Autodesk Revit, MS Excel, Photoshop, and InDesign



Ayushi Saharan
B.A. (Hons) Political Science

Institution: Daulat Ram College, University of Delhi

Minor Project Title: Just Transition Project

Minor Project Organization: The Energy and Resources Institute (TERI)

Other Experience:

1. Intern, Blind Relief Association, Delhi (4 months)
2. Research Assistant for published article, "Rs 500 per month not enough demand for work, cash, food and healthcare"

Certifications: Politics and Economics of International Energy by Sciences Po (Course)

Technical Skills: STATA, Microsoft Office



Chris Teresa Varghese
B.A. Psychology and
Anthropology

Institution: St. Xavier's (Autonomous) College, Mumbai University

Minor Project Title: Behaviour Biases and their Impact on EV Transition among Last-Mile Delivery Partners

Minor Project Organisation: Council on Energy, Environment, and Water (CEEW)

Work Experience: Project Officer at Vanashakti (11 months)

Technical Skills: Microsoft Office



Deepak Kumar
B.A. (Hons.) English
Literature

Institution: Patna College, Patna University

Minor Project Title: Circular Economic Solutions: Preventing Marine Litter

Minor Project Organisation: CGIZ

Certifications:

1. Oxford Climate society: School of Climate Change
2. National Programme on Technology Enhanced Learning (NPTEL): Statistics and Probability
3. National Programme on Technology Enhanced Learning (NPTEL): NOC: Handling Large-Scale Unit Level Data Using Stata

Technical Skills: STATA and Microsoft Office

Institution: Lady Shri Ram College for Women, University of Delhi

Minor Project Title: Socio-Legal Framework of Understanding Domestic Violence: Bringing the 'Private' into the 'Public' Sphere

Minor Project Organization: Institute of Development Studies Kolkata

Other Experience:

1. Research Intern in an inter-departmental project in 2021-22 conducted by Jadavpur University (School of Women's Studies, Departments of Sociology and History) funded by the National Commission for Women (10 months)

2. Intern with Asmat NGO (3 months)

Certifications: Certificate of Excellence for involvement in the Green (R)evolution Global Certification Program (by ICCE)

Achievements:

1. Member of the tennis team at Lady Shri Ram College for Women: Won the Delhi University Inter-College Tennis Tournament (2020), participated and won State-Level Tennis Championships in West Bengal.

2. Received 'Most Promising Player' Award at the South Club Tennis Championship, 2010

Technical Skills: Qualitative Research, Reporting Writing, Project Planning and Coordination



Deeya Banerjee
B.A. (Hons.) Sociology



Himanshu Sharma
BA (Hons) Energy Economics

Institution: University of Petroleum and Energy Studies

Minor Project Title: Towards Achieving Net Zero; Without purchase of off-sets: A Pre-Assessment, for any University Campus

Minor Project Organization: Indian Institute of Sustainable Development

Technical Skills: STATA



Jananni Rajan Iyer
BA (Hons.) Mass Media &
Mass Communication

Institution: Indraprastha College for Women, University of Delhi

Minor Project Title: Studying Climate Change and Just Transition in the Context of the Oil and Gas Sector

Minor Project Organisation: United Nations Global Compact Network, India

Work Experience:

1. Account Executive, Digital Media & Content - On Purpose Consulting (12 months)

2. Outreach Associate & Resident Photographer - TERI (24 months)

3. Photographer & Content Writer - Freelance (36 months)

Certifications: Post Graduate Diploma in Still Photography and Visual Communication from AJK Mass Communication Research Centre, Jamia Millia Islamia

Skills: Qualitative Research, Community Needs Assessment, Written & Visual Communication, Adobe Lightroom, Microsoft Office

Technical Skills: Microsoft Office



Janhvi Mishra
B.Com

Institution: Rani Durgavati Vishwavidyalaya

Minor Project Title: Evaluation of the impacts of GIZ Pro Soil Project

Minor Project Organization: NABARD

Technical Skills: Data analysis



Keera Bakshi
B.A. in Psychology,
Sociology and Economics

Institution: Central Campus, CHRIST (Deemed to be University), Bangalore

Minor Project Title: GEF Small Grants Programme in India - Seventh Operational Phase

Minor Project Organization: UNDP-TERI

Other Experience:

1. Interned at the National Mission for Clean Ganga Program- Wildlife Institute of India, Dehradun (2 months)
2. Student Assistant at the Child Welfare Committee II, Urban Bengaluru (7 months)
3. Project Leader of 'Project Yuva' at Centre for Social Action (CSA), Bangalore (13 months)

Certifications:

1. AMOGS Certified SAKHI Trainer for Sustainable Menstruation, Health and Hygiene issued by Association of Maharashtra of Obstetrics & Gynecological Societies- AMOGS
2. Certificate of Excellence for involvement in the Green (R)evolution Global Certification Program (by ICCE)

Technical Skills: STATA, SPSS, Canva, Microsoft Office



Khushi Sehgal
BA. French- Philosophy

Institution: Jesus and Mary College, University of Delhi

Minor Project Title: ESG reporting in the construction Sector of India: Critical study

Minor Project Organisation: ESG Book India

Other Experience:

1. Data Intern - ESG book India (2 months)
2. Intern - Rawlplug (3 Months)

Technical Skills: STATA, Microsoft Office



Kritika Sharma
B.A. Social Science and
Humanities

Institution: Ambedkar University Delhi

Minor Project Title: Climate Induced Urban Vulnerability, Building Resilience: A Case Study of East Delhi

Minor Project Organization: Indian Institute of Sustainable Development (IISD)

Certificate: Public Speaking Course by American Embassy

Technical Skills: STATA



Kshitij Madan
B.A. in Sustainable
Urbanism

Institution: Ambedkar University, Delhi

Minor Project Title: Strengthening livelihood of rural households through NRM of 100 households in Mahua village, Bhilwara, Rajasthan

Minor Project Organization: Foundations for Ecological Security

Certificate:

1. 2017 - Short term course (Module 2 Basic English) from British Council.
2. 2021 - Introduction to R (Six weeks) - Meghna Desai Academy of Economics
3. 2021 - Exploring Sustainability in the Indian Context - Azim Premji University.
4. 2022 - Leadership for sustainable development - CCSR (Centre for Research and Implementation of Sustainable Practices).

Achievements: Book review- The history of development by Gilbert Rist published in the International Journal of Research in Economics and Social Sciences (IJRESS)

Technical Skills: Microsoft Office, Documentation, Policy brief and analysis, Quantitative and Qualitative Research.



Mahima Malyan
B.A. (Hons.) Business
Economics

Institution: Lakshmibai College, University of Delhi

Minor Project Title: Livelihood Diversification in Hilly Areas: Role of Climatic and Institutional Factors

Minor Project Organisation: Institute of Economic Growth

Certificate:

1. Social Impact Strategy: Tools for Entrepreneurs and Innovators, University Of Pennsylvania
2. Social And Economic Networks: Models and Analysis, Stanford University

Technical Skills: Microsoft Office, SPSS (Beginner, academic course)



Meghna Menon
B.A. Social Sciences

Institution: Tata Institute of Social Sciences

Minor Project Title: The shadow ban on reproductive rights: Navigating through access to ECPs and safe abortion in Chennai

Minor Project Organization: Prajnya

Other Experience:

1. Volunteer - Prajnya (28 months)
2. Programme Manager, Gender Sensitisation Team - British Deputy High Commission (10 months)
3. Higher Education Training Fellow - TSWREIS, Government of Telangana (1 month)

Certifications:

1. Specialisation: Academic Writing, English - University of California, IDCE
2. The Disarmament Toolkit (Course) - UN Regional Centre for Peace and Disarmament in Asia and the Pacific & Prajnya
3. Gender Based Violence (Course) - Oxfam India

Achievements:

1. GATE 2021 (Sociology) Score: 399
2. Discussant for "The Aftermath Review: The Climate for Women's Rights" with panelists Dr. Anuradha Rajan, Dr. Asha Hans, Dr. Vibhuti Patel, Dr. Sheelu Francis, Dr. Ritu Dewan and Dr. Suneeta Dhar.
3. Secured 'First Position' in Policy-Athon in "India Land and Development Conference 2021" organized by Centre for Land Governance, NRMCC.

Technical Skills: STATA, Qualitative Research, Sustainability Reporting, Adobe Photoshop, Microsoft Office



Mudra Shahi
B. Sc. (Hons) Zoology

Institution: Hindu College, University of Delhi

Minor Project Title: AgTech Interventions to Double Income of Smallholder Farmers in India

Minor Project Organisation: The Nudge Institute

Certificate:

Product Management - Accenture

Technical Skills: Microsoft Office



Pranava Lalitha
B.A. (Hons.) Global Affairs

Institution: Jindal School of International Affairs, OP Jindal Global University

Minor Project Title: Potential for Community based Carbon Market in India

Minor Project Organization: Foundation for Ecological Security

Other Experience:

1. Research Intern - National Maritime Foundation (4 months)
2. Research Fellow - Graduate Research Immersion Program (6 months)

Achievements:

1. Jasmeet Kaur, B Pranava Lalitha (2021, March). Climate Change Policies and Mitigation Measures (A Qualitative Case Analysis of GHG reduction between India and South Africa). Psychology and Education Journal, (Vol. 58 No. 4)
2. CALACS Newsletter Publication
3. Received the awards of Best Student (Publications) and Best Student (Institution Building) during Jindal School of International Affairs' 2020 farewell Ceremony.
4. Received the Best Student Research Award for the Academic year 2018-19.

Technical Skills: Microsoft Office, Project Management, Quantitative Research Methodologies



Shama Parveen
B.Com

Institution: Janki Devi Memorial College, University of Delhi

Minor Project Title: Gap Analysis of Waste Collectors in Delhi-NCR

Minor Project Organisation: Indian Pollution Control Association

Work Experience: Data Entry Operator - IDHS North, Ministry of Health and Family Welfare (8 months)

Certificate: Certificate Course on Nature Based Solutions for Disaster and Climate Resilience

Technical Skills: Advanced Knowledge of MS Office (Excel, PowerPoint, Word), Basics of QGIS



Shivani Narvekar
B.Com

Institution: V. G. Vaze Kelkar College of Arts, Science and Commerce, Mumbai University

Minor Project Title: Fishery Sector in India: Analysis of demand supply and constraints

Minor Project Organisation: National Council of Applied Economic Research

Other Experience:

1. Intern - Eco Regain Private Limited (7 months)
2. College Club Reporter (Part time)- Maharashtra Times Newspaper

Certificate: Course of Computer concepts (CCC) by National Institute of Electronics and Information Technology (NIELIT).

Technical Skills: Stata (beginner), Microsoft Office



Shivansh Khandelwal
B. Com

Institution: Motilal Nehru College, University of Delhi

Minor Project Title: Solid Waste Management in Residential Societies in Delhi NCR

Minor Project Organization: Indian Pollution Control Association

Technical Skills: STATA, Microsoft Office, Qualitative Research, Basics of QGIS



Shreyasa Mukherjee
B.Sc. Visual
Communication

Institution: Ethiraj College for Women, Madras University

Minor Project Title: Impact Consulting Towards Purpose-Driven Sustainable Businesses

Minor Project Organisation: Tuulee, Amsterdam

Work Experience:

1. Brand Strategist and Programme Manager - Tvami.com (18 months)
2. Marketing Head - Gocoop (24 months)
3. Brand Communications for Slow Fashion - Myntra (36months)

Certificate:

1. Diploma Brand Management - MICA
 2. Certification - Brand Management of Luxury Business, Sustainable Fashion
- Advanced Knowledge of MS Office (Excel, PowerPoint, Word), Basics of QGIS

Technical Skills: Microsoft Word, Excel



Simran Kalra
B.A.

Institution: Patrician College for Women, Sri Dev Suman University

Minor Project Title: Assessing the status of Conservation Reserves and Community Reserves in India

Minor Project Organisation: Wildlife Institute of India

Technical Skills: Microsoft Office



Utkarsh Singh
B.A. (Hons.) Sociology

Institution: Hindu College, University of Delhi

Minor Project Title: ESG – Project

Minor Project Organisation: KPMG

Technical Skills: Microsoft Office



Vrinda Negi

B.A. (Hons.) Philosophy

Institution: Janki Devi Memorial College, University of Delhi

Minor Project Title: Circular Economy Solutions (CES) Preventing Marine Litter Ecosystems

Minor Project Organization: GIZ, India

Other Experience: Project Intern - Netritva (10 months)

Technical Skills: Microsoft Office, Qualitative Research Methods



Yukta Fotidar

B.A. Political Science

Institution: Gargi College, University of Delhi

Minor Project Title: CSR Review - HCL, MCP

Minor Project Organisation: Hindustan Copper Limited

Technical Skills: Microsoft Office, Research



Yuvika Pharaswal
B.Com (Hons.)

Institution: Deen Dayal Upadhyaya College, University of Delhi

Minor Project Title: Well-Being Index for Fecal Sludge Workers, Madurai, Tamil Nadu

Minor Project Organisation: DHAN Foundation

Work Experience:

1. Audit Analyst - Ernst and Young (19 months)
2. Process Associate - Accenture (14 months)

Certifications: ICAI training for MS Office

Achievements: Got selected as LCOY Delegate for policy recommendations for COY and COP

Technical Skills: MS - Excel (Advanced), STATA (Beginner), QGIS (Beginner)

KEY RECRUITERS

- Asian Consulting Engineers Pvt. Ltd.
- Assam Remote Sensing and Applications Centre
- Centre for Research on Energy & Clean Air
- Defence Terrain Research Laboratory (DTRL), DRDO
- Delhi Secretariat
- Development Alternatives
- Eicher
- EGIS India
- Emergent Venture
- ESRI India
- GeoEPC Management Advisors Pvt. Ltd.
- Geospatial Delhi Limited
- Genesis Ray Energy
- Global Hydrological Solutions
- Grassroots
- HERE : Nokia Business
- Indian Institute of Technology
- Indian National Centre for Ocean Information Services
- Indian Institute of Science, Bangalore
- Intergraph
- Indian Space Research Organisation
- International Water Management Institute

- JSV Spatial Consultants
- Malaria Research Institute
- Maps of India
- National Institute of Urban Affair
- Nielsen India
- Nokia
- Pitney Bowes
- Prakhoj
- Punjab Space Application Centre
- Risk Management Solutions
- Risk Management Solutions India Pvt. Ltd.
- Snow and Avalanche Study Establishment
- Sociometrik
- Spatial Decisions
- The Energy and Resources Institute
- Tokyo Engineering Consultancy
- United Nations Economic Commission for Africa (UNECA)
- West Bengal State Council of Science & Technology
- Wildlife Trust of India
- Windforce Management Pvt. Ltd.
- World Wide Fund for Nature, India
- World Resources Institute

PLACEMENT

The campus recruitment activity for M.A. Sustainable Development Practice is conducted to serve a dual purpose:

- Master's Thesis Project Placement – Fourth Semester of the Programme
- Formal Job Recruitment on Completion of the Programme

Major Project Recruitment Period	November – December 2022
Major Project Availability of Students	January – June 2023
Job Placement Recruitment Period	November 2022 – June 2023
Job Placement Availability of Students	June 2023 onwards

We welcome organizations/corporates/institutions/others to visit our campus for interviewing and selecting the students for fourth semester masters' thesis project and final placements. You may interact with our students through telephone, video conferencing, or in person.

Interested organizations may contact the Placement Cell, the details of which are mentioned at the back of the brochure.

Placement Cell

Student Placement Coordinators:

Arpita Victor
arpita.victor@terisas.ac.in

Ayushi Saharan
ayushi.saharan@terisas.ac.in

Keara Bakshi
keara.bakshi@terisas.ac.in

Meghna Menon
meghna.menon@terisas.ac.in

Faculty Placement Coordinator:

Dr. Gopal K. Sarangi
Assistant Professor
Department of Policy and Management Studies
gopal.sarangi@terisas.ac.in

For Further Information, Contact:

Ms Sonika Goyal
Placement Manager,
TERI School of Advanced Studies
10, Institutional Area, Vasant Kunj
New Delhi-110070, India
Email: sonika.goyal@terisas.ac.in
Website: www.terisas.ac.in
Phone: +91 11 718800222



www.terisas.ac.in