


S.NO	PhD SCHOLARS	PROFILE SUMMARY
1.	<p>ABHISHEK SAXENA Department of Biotechnology LinkedIn: https://www.linkedin.com/pub/abhishek-saxena/63/b1a/425</p>	<p>After completing my bachelors in Life Sciences from Delhi University, I did my masters in Plant Biotechnology from TERI University. My interest in intellectual property and patents culminated in a PG Diploma (Patents Law) from NALSAR University of Law, Andhra Pradesh. I am currently engaged in doctoral research at TERI University. My PhD involves the study of osmotic stress response in the common baker's yeast <i>saccharomyces cerevisiae</i>, and attempts for improvement of this trait. My immediate academic interests lie in the areas of cell signaling and stress physiology in microorganisms as well as plants, that may be widely applied in various industrial and research settings. While firmly convinced in the importance of basic natural science research, I am also interested in history, linguistics, biological anthropology, modern physics, philosophy, science education, and socio-economic and policy aspect of natural science. I love reading, writing, and poetry, and also like being generally curious and can't help but apply rationalism and logic to all that I see, read and experience around me. I love travelling, adventure sports, eating out, photography and collecting coins and stamps. After my PhD, I wish to hold some interesting postdoctoral positions and then settle down for a career in mainstream academics.</p>
		
2.	<p>ANJNA SEHRAWAT Department of Biotechnology andhanda.biotech@gmail.com</p>	<p>I am from Panipat district of Haryana. I did my B.Tech in Biotechnology from Kurukshetra University, Haryana and M.Tech in Biotechnology from Manav Rachna International University, Faridabad. I got the opportunity to learn about the basics of wet lab at graduation level. I underwent various training programmes in "quality control" in dairy and pharmaceutical industry. I have always been interested in learning more about the human physiology. I developed keen interest in research while doing my PG dissertation on "artificial cornea" in IIT Delhi. TERI University provided me the opportunity to be a part of biotechnology research team. In future, I am planning to work on "novel virulence factors of helicobacter pylori, a causative agent of human gastric diseases". Apart from this, I enjoy listening to music, photography, reading and exploring nature.</p>
		
3.	<p>ANUPAMA ATRI Department of Biotechnology anupamaatri122@gmail.com</p>	<p>I am a resident of Delhi. I did my B.Sc and M.Sc in Biotechnology from Maharshi Dayanand University, Rohtak, Haryana. Since my school days, I was interested in life sciences, which compelled me to take it as my higher studies option. The guidance provided by my teachers during my masters programme helped me develop a deep insight in this subject. As a student of life sciences, I have always been interested in the application part along with the theoretical perspectives and biotechnology is an integration of various facets of life sciences. Currently, I am working on microRNAs in plants-- specifically on characterisation of miR160 in mustard family as a system. Apart from my research, I like reading, listening to music and visiting new places. I would like to continue active research after completing my PhD.</p>
		

-
4. **PRATIKSHA JAIN**
Department of Biotechnology
pratiksha891@gmail.com
LinkedIn:
<http://www.linkedin.com/nh/ome/?trk=>



I did my masters in Plant Biotechnology from TERI University, New Delhi and am currently working in the Environment and Industrial Biotechnology Division (Centre for Bioresources and Biotechnology), TERI. I registered for PhD last year in July 2013. My research work focuses on the treatment of petroleum-produced water. This is a major nuisance for the oil industry and its production increases with the ageing of wells. I am trying to use bio-electrochemical systems for the treatment in terms of hydrocarbons, salt and sulfate.

-
5. **SIDDHARTH SINHA**
Department of Biotechnology
Research gate:
https://www.researchgate.net/profile/Siddharth_Sinha?ev=hdr_xprf
LinkedIn:
http://www.linkedin.com/profile/guided?goback=%2Enpy_29804292*nav*4responsive*4tab*4profile_*1&trk=optimize-started-prof_promo-nprofile_self



I did my bachelors (B.Tech) in Biotechnology from Amity University, Uttar Pradesh and thereafter worked for four years, in the field of applied biotechnology i.e. bioinformatics and computational biology as Researcher in the domain of drug designing and planning methods. My area of doctoral research is on the neurological disorder viz, *spinocerebellar ataxia type2* and the role of *histone deacetylase* inhibitors as its therapeutic agents. My key research expertise areas include IN-SILICO drug discovery- bioinformatics, systems and computational biology, database development, and systems biology. Through the many opportunities I have had, I found deep interest in research work and a strong aptitude for problem solving and problem discovery. These academic and research studies have given me plenty of exposure in the field of applied biotechnology and I strongly believe that I have sufficient motivation and aptitude to work in this field. I also believe that PhD programme is an essential step for realising my long-term goals. While working at ACS Informatics and Bioinformatics Centre, Biotech Park, in Lucknow I developed a scientific bent of mind. I also believe that PhD programme is an essential step for realizing my long-term goals. In future, I plan to extend my doctoral research in the vicinity of *polyglutamine* disorders and the role of *histone deacetylase* (HDAC) inhibitors vis-a-vis, and its validation. My hobbies include horse riding, swimming, trekking, reading ancient history and Indian polity.

-
6. **TANU SRI**
Department of Biotechnology
tanu.sri1988@gmail.com



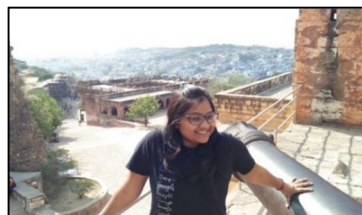
I come from the holy city of Varanasi in Uttar Pradesh. I did B. Sc (Hons) in Biotechnology from Banasthali University, Rajasthan and masters in Plant Biotechnology from TERI University, New Delhi. Techno-scientific background of family and brilliant teachers cradled my ambition of becoming a scientist. Genetic engineering and molecular biology were my favourite subjects throughout. I find the genetic code fascinating, and holding a pipette makes me happy. Currently, I am working on floral developmental genes in mustard and related species, trying to understand how they have evolved over time. I wish to establish that fundamental research in plant genetics is equally necessary as crop improvement. I enjoy music of all genres and a variety of books and movies. In future, I plan to be in academics if not active research.

-
7. **YOGITA RAI**
Department of Biotechnology
yogitakiran53@gmail.com



I hold bachelors in Botany (Hons) from Delhi University, Delhi and masters in Plant Biotechnology from Banaras Hindu University, Varanasi, Uttar Pradesh. Currently, I am engaged in doctoral research enrolled at TERI University and have been carrying out major part of my work at National Institute of Plant Genome Research. My PhD work involves understanding the role of calcium signaling under water deficit conditions in rice and identifying candidates for trait manipulation to confer tolerance to water stress conditions. My current research interest lies in understanding the diverse role of calcium as a signaling molecule under biotic and abiotic stress in microbes, plants and animals. I am also interested in applying the molecular tools to study the evolution and taxonomy of monocot and dicot plants. After my PhD, I wish to prepare and appear for civil services examinations. I would also be interested to work as a postdoctoral fellow in the field of calcium signalling. I like sketching, cooking, poster and card making, reading and observing nature.

-
8. **KIRTI RAWAT**
Department of Biotechnology
ktr.tech072@gmail.com



I belong to Lucknow, the capital city of Uttar Pradesh (UP). I completed my masters (integrated MTech) in Biotechnology from IAMR college, CCS University, Meerut. Exploring new ideas involved in research, finding questions to various anonymous growths and inventions in nature attracts me. I have been working on rice plant at IARI for last two years now and this has further increased my level of interest to plant diseases and prevention. I want to make my contribution in plant disease management through molecular and pathogenic tools. After my PhD I would like to be a part of this scientific world, finding out new and conventional ways of agriculture and disease eradication. I like music of all genres and reading books makes me feel relaxed. I also enjoy going out on vacations and exploring new places.

-
9. **TULIKA BHARDWAJ**
Department of Biotechnology
tulika15june@gmail.com



After completing my bachelors (BTech in Biotechnology) from Bundelkhand University, I did my MTech in Biotechnology from Uttar Pradesh Technical University, Lucknow. Understanding the basics of biological data using computational algorithms and methodologies always fascinated me and introduced me to the world of bioinformatics and systems biology. My dissertation in masters was related to the database development for plant secondary metabolites using programming languages as MySQL, PHP, AJAX, and JAVA Script. Currently, I am engaged in doctoral research programme at the TERI University and carrying out my research in '*in-silico identification of the novel virulence factors of clostridium botulinum using systems biology and omics approaches*'. I have always been interested in investigating bacterial pathogens in relation to chronic infections in humans and learning the application of systems biology approaches to understand the host-microbe interactions, which aids in infectious disease control. Apart from this, I am certified from Bhatkhande Natya Academy, Lucknow as a trained Kathak dancer and enjoy dancing, music and watching sitcoms in spare time. I would like to continue active research after completing my PhD.

10. **PAROMITA DAS**

Department of Biotechnology
paromita.das@students.teriuniversity.ac.in



I did my bachelors in Biotechnology from Jaipur National University, Jaipur. Being a gold medallist in BTech encouraged me to pursue my masters (MTech) in Biotechnology from Amity University, Noida. I am currently a PhD scholar at the Centre for Bioresources and Biotechnology at the TERI University, New Delhi. My broad area of research will be biofuel production from agricultural wastes. My main areas of research interests include renewable energy and bioenergy studies. After my PhD, I plan to continue my work for the bioenergy production. This would allow me to broadly solve issues and problems related to bioenergy production. My hobbies include reading newspaper, listening to music and painting.

11. **CHETNA CHAUHAN**

Department of Energy and Environment
chauhanchetna386@gmail.com
https://www.linkedin.com/home?trk=nav_responsive_tab_home



I come from Faridabad, Haryana. I completed my graduation in Zoology (Hons) from Gargi College, Delhi University, New Delhi and MSc in Environment Management from Guru Gobind Singh Indraprastha University (GGSIPU), Dwarka, New Delhi. I worked as a Trainee in Department of Environment, Government of Delhi, Delhi Secretariat before joining TERI University in 2013 to study electronic waste. My work focuses on residues of e-waste sector. I work with informal electronic waste recyclers across India. I collect samples of e-waste residues (discarded PCBs and sludge) from informal recycling sites and test them for remaining precious and REE metals, which cannot be recovered by recyclers. By doing so, I will be able to know the presence and amount of available metals in residues and how these can be recovered and sent back for secondary production of new electronics. I wish to work towards closing the loop and establish circular economy for e-waste recycling in India. My interests include reading, sports and dancing. After completing my PhD, I wish to do post-doctorate in e-waste to further enhance my knowledge. My hobbies include reading, dancing and sports.

12. **SAAD FARUQUI**

Department of Energy and Environment
saadahamad.faruqui@students.teriuniversity.ac.in
<https://in.linkedin.com/in/saad-nazif-ahamad-faruqui-192ba634>



My alma mater till post-graduation was based in Dehradun, Uttarakhand. I remained a science student throughout. I did my BTech in Electrical and Electronics Engineering and MTech in Control Systems. I was blessed to present a paper on "*Transformerless FPGA controlled two-staged isolated grid connected PV systems*" in IEEE conference, Bangalore, which earned me much accolades and jettisoned my truculent interest thereafter in solar energy spectrum. I always had strong interest in technologically intensive projects. I have a philanthropic and altruistic bent of mind and would like to use my knowledge and skills for the greater good. I perspicaciously saw myself working my acumen and cognoscenti adroitness into the realm of alternate sources of energy, which promise a pristine and innovative scope of energy generation. I'm currently pursuing my PhD from Department of Energy and Environment, TERI University in the area of solar photovoltaic inverters, related modulation techniques and islanding effect. I see myself doing a post-doctoral in solar photovoltaic systems in future.

-
13. **RUCHIRA GHOSH**
Department of Energy and Environment
ruchiraewm@gmail.com



I am from Jamshedpur--the steel city of India. I completed my bachelors in Environment and Water Management in 2007 from Ranchi University, Ranchi, Jharkhand and my masters in Environmental Science and Technology, in 2010 from Banaras Hindu University, Varanasi, Uttar Pradesh. I worked in NEERI (DZL) on heavy metals contamination of ground water for a short duration. It was during my masters in BHU, I realised for the first time the need to manage solid waste. I strongly believe that waste is a resource out of place and if treated scientifically, it can be a boon to the community. I always wondered what made India to struggle with waste management, when we have cultural roots to reduce, reuse, and recycle. This thought drew me towards research for sustainable waste management, its challenges and probable alternatives in India. Thus, my doctoral research is on "Estimation of Potential Disposal Options of Municipal Solid Waste Management for Energy and Carbon Saving: evidences from India", under the supervision of Prof Arun Kansal, HoD CoCa Cola Department of Regional Water Studies.

My research work involves estimating potential disposal options of municipal solid waste to save energy (both from operational and embodied, also compensating with fossil energy substitution), and indirectly reducing carbon emission. Being a research scholar at TERI University, I also had opportunities to work in projects like sustainability in higher education (an initiative of UNU-IAS), feasibility study of waste to energy (collaborative project with University of Eastern Finland), and urban metabolism of megacities in India (collaborative project with University of Toronto, Canada). I am also serving as a 'warden' of Teri University Girls' Hostel. My other areas of interest lie in music, singing, travelling close to nature, and interacting with people from diverse cultures. I plan to pursue post-doctoral after my PhD and would like to remain in research to help urban planners in addressing basic sanitation issues, enhancing human health, and promoting better city adaptability.

-
14. **SUJATA BHAKER**
Department of Energy and Environment
Sujata.bhaker@students.teriuniversity.ac.in



I am from Haryana. I did MTech in Environment Engineering from IIT Bombay. After my masters, I worked as Environmental Engineer for two years in an MNC, focusing on life cycle assessment of product and process. It was then I developed an understanding about climate change and how it is directly linked to sustainability. To further pursue my core competency in sustainability, I decided to take it up as my study area for PhD. I enrolled for PhD in the year 2015 under Dr. Priyanka Kaushal, Assistant Professor, TERI University. My current research aims to explore, quantify climate change scenarios and approach to mitigate climate change using life cycle assessment (LCA) in the context of air quality, energy demand and human health. My hobbies include travelling, playing basketball and reading books.

15. **ANAND KUMAR**

Department of Natural Resources

anand.kumar2@students.teriuniversity.ac.in



I completed my B.Sc in Environment and Water Management from Anugrah Narayan (A. N.) College, Patna, Bihar and M.Sc. in Environmental Sciences, from Central University, Patna, Bihar. In my native state Bihar, the community is grappling with issues related to floods, drought and safe drinking water. This inspired me to work on water-related issues. I got the opportunity to work on arsenic contamination in groundwater, its entry in food chain and its impact on plants as well as associated health risks. I was part of the team for capacity testing of aqua pal water filter for arsenic mitigation. I also got a chance to work on vermicomposting, biodiversity conservation through community mobilisation, geochemical characterisation of playas for proxies of palaeo-climatic condition. In my doctoral research work, I want to enhance my knowledge about sustainable ground water aquifers in expected climate change scenario. My areas of interest are geochemistry, hydro-geochemistry and climate modelling. After PhD, I plan to extend my doctoral work for community sustainability towards water-related issues. Along with this, my hobbies are writing, music and sports.

16. **ANUSHEEMA CHAKRABORTY**

Department of Natural Resources

anusheema@gmail.com

Research Gate:

https://www.researchgate.net/profile/Anusheema_Chakraborty

LinkedIn:

<https://in.linkedin.com/in/anusheema>



I have bachelors in Zoology from Miranda House, Delhi University, Delhi and masters in Environmental Studies from TERI University, New Delhi. During my masters, I focussed on examining the shifts in major ecosystems and assessed the vulnerability and potential biome redistribution under climate change scenario in India. Thereafter, I became interested in studying the changes in the forest structure, composition and spatial arrangement; and the human influence on the natural landscapes. I started my PhD at TERI University, under the supervision of Prof. P. K. Joshi in 2013. Broadly speaking, my research interests include human-environment interactions and their implications on terrestrial ecosystems and sustainability. I am particularly interested in using remote sensing and GIS to address the frontier issues of climate change and related challenges. My doctoral research is an attempt to understand the impacts of climate change on the forest ecosystem in the central Himalayan landscape and to explore the inter-linkages of its effects on forest-based livelihoods of the local indigenous communities. The aim is to develop and identify effective adaptation strategies to climate change vulnerability of forests at a regional level. I am an ecologist and I love to travel. Apart from my research, subjects such as psychology and astronomy fascinate me. My other interests include music, dance, and photography. For me, life after PhD hopefully would be, either a post-doctorate opportunity or working in an environmental/research organisation.

17. **ANITA DAHIYA**

Department of Natural Resources

LinkedIn:

http://www.linkedin.com/profile/view?id=46927796&trk=nav_responsive_tab_profile



I am from the financial capital of our country, Mumbai. My decision to pursue the PhD programme at TERI University came after three years of undergraduate study at Mumbai University in Microbiology followed by two years in a masters programme in Environmental Sciences again from Mumbai University. All these years provided me an opportunity to closely observe and understand the manifestation of the surrounding environment--'natural as well as manmade'. From the first year of my graduation, I have had the opportunity to travel to various cities in India such as Nagpur, Bengaluru, Ratnagiri, Kochi, Kerala, and many others. During these visits, I was able to observe and study the ecosystems of urban, rural, terrestrial, marine, brackish waters, etc. It was a learning process of understanding how in different conditions these ecosystems survive, adapt and continue to grow. It is the want to better understand the laws of nature that brought me towards this academic endeavour of studying Environmental Science. My doctoral research aims at measuring the in situ production of ozone using a novel technology developed very recently at the University of Pennsylvania. During my research I got the opportunity to travel to the UK (Birmingham) and Mohali (India), which provided a unique opportunity of comparing these very different sites from the viewpoint of atmospheric chemistry. My research will not only strengthen the existing knowledge of ozone chemistry in India but will also provide precise information for policymaking and for making our atmosphere cleaner and greener. During my spare time I read, listen to music and most importantly travel.

18. **APARNA TYAGI**

Department of Natural Resources

aparnaot9@gmail.com



I am from Delhi. I did M.Sc in Environment Management from Guru Gobind Singh Indraprastha University, Dwarka, New Delhi. I qualified the UGC-NET for Junior Research Fellowship and hence my PhD is fully funded by Government of India. I worked with Wildlife Institute of India and Wildlife Trust of India during my summer training and dissertation projects. It was then I developed a total understanding about different aspects of biodiversity conservation and forests resource management. To further pursue my core competency in sustainably managing forest resources, I decided to take this up as my study area for PhD in 2013. I enrolled under Dr. J.V. Sharma, Senior Fellow, TERI working on Implementation of Forest Rights Act, 2006. I love singing, listening to music, photography and travelling. After completing my PhD, I plan to be either in academics or involved in some active research.

19. **DEEPTI SHARMA**

Department of Natural Resources

22deepti@gmail.com

LinkedIn:

<http://www.linkedin.com/pub/deepti-sharma/23/b88/73>



I am from Haryana and have done my masters in Environmental Science from Guru Jambheshwar University of Science and Technology (GJU), Hisar, Haryana. I am a PhD scholar in the Department of Natural Resources Management, Teri University. My research work focuses on health effects and characterisation of risk due to emissions from biomass energy-based traditional and advanced cook-stoves. My research work is in rural settings only. My interest in inefficient burning of biomass in cook-stoves and their health implications was first triggered when I saw people still dependent on biomass for their day to day activities. I want to enrich my knowledge base to be able to address the various issues related to air pollution and health and their proper management techniques. I believe education is a privilege that should be put to the service of others.

20. **FAWZIA TARANNUM**

Department of Natural Resources

fawziat@gmail.com

LinkedIn:

<http://in.linkedin.com/pub/fawzia-tarannum/17/11/753>



An electrical engineer by qualification, I have over 15 years of experience in design, administration, marketing, human resource management, project management and training. Of my total experience, the last nine years have been in the field of de-silting and de-weeding of lakes, rivers and other shallow water bodies in various parts of India. My work in the water sector enabled me to work closely with the local communities and realise the importance of engaging with people for long-term sustainability of projects. The drive and passion to work with grass-root level people enthused me to register for a PhD programme with TERI University in 2010. Despite being an Engineer, I chose to get into social research, predominantly, to explore the linkages between public perceptions on environmental issues, public participation and sustainable development. Besides, I have also actively participated in various beach cleaning drives on the occasions of 'World Environment Day' and have also been a member of an emotional support group 'Perna' for cancer patients. Issues related to water, waste, energy, women and children are most important to me. I strongly believe that the key to success lies in acquiring knowledge and investing in relationship building. My other interests are travelling, cooking and talking. On completion of my PhD, I wish to switch my profession from engaging with machines to engaging with people by way of teaching, training and executing projects with public participation.

21. **NIYATI NAUDIYAL**

Department of Natural Resources

Research Gate:

https://www.researchgate.net/profile/Niyati_Naudiyal2?ev=hdr_xprf



My desire to pursue research is primarily driven by my love for environmental studies and more specifically vegetation ecology. Being a student of Botany, I had various opportunities to appreciate flora in all its splendid forms. A masters degree in Environmental Studies from TERI University made me aware of the numerous environmental and ecological concerns that the world is facing, which further enhanced my interest in ecological studies. I am passionate about all the topics related to ecology and particularly those that deal with the plant kingdom. My doctoral research focuses on the dynamics of forest vegetation in the central Himalayan montane forests and the related changes in the supply of ecosystem services. The rural population of the Central Himalayas rely heavily on the forest products for their livelihood. My research aims at understanding the successional pattern of vegetation in the Central Himalayan forests under present management scenarios and subsequently the changes that are likely to occur in the supply of ecosystem products necessary for local livelihoods with changing management practices. My research interests include vegetation science, ecosystem and forest ecology, studies on ecosystem services and social reliance on ecological systems. I would want to work in academics in the future and continue exploring the fascinating wonders of the living world. Leaving aside the research work, I enjoy travelling, hiking, reading, good music and food.

22. **NIDHI JHA**

Department of Natural Resources

nidhi.jha@students.teriuniversity.ac.in

Nidhi23aug@gmail.com



I am from Delhi. I did my M.Sc in Environment Management from Guru Gobind Singh Indraprastha University, New Delhi. After my masters, I worked as a Research Fellow for more than a year in Global Hydrogeological Solutions on sustainability of groundwater project hosted by the Department of Science and Technology, Government of India. It was then I developed an understanding about groundwater and how it is directly linked to the sustainability of our future generation. To further pursue my core competency in sustainability development of groundwater, I decided to take it up as my study area for PhD. I enrolled in PhD in the year 2014 under Dr. C.K. Singh, Assistant Professor, TERI University. My hobbies include travelling, food reviewing and reading ancient history and mythological books.

23. **PRATIMA SINGH**
Department of Natural Resources
prati.singh@gmail.com
LinkedIn:
https://www.linkedin.com/profile/view?id=69445329&trk=nav_responsive_tab_profile



I come from a small town—Ankleshwar, located in South Gujarat. I have done my bachelors in Chemistry from Narmada College of Science and Commerce (NCSC), South Gujarat University and masters in Geotechnology from Maharaja Sayajirao (M.S.) University, Vadodara, Gujarat. My doctoral research is on “Energy Use Pattern Analysis in Sewage Treatment Plants (STPs) for Scoping for Use of Renewable Energy Resources in Centralised and Decentralised Plants”. My work focuses on different forms of energy consumption and GHG emissions during wastewater cycle. This will help design a sustainable urban area. My research will also help in identifying areas for renewable energy application. During my research, I got the opportunity to visit few countries like Vietnam and UK. The visits helped me analyse the ways other nations were dealing with the wastewater issues. During the course of my PhD, I handled the responsibilities of a Programme Associate for an e-learning programme of ProSPER.Net for the year 2009-11, which involved course co-ordination and programme outreach. Prior to joining PhD, I worked for one year as Resource Scientist with Compusense Automation, in Ahmedabad and for two and a half years as Project Manager in water management using Remote Sensing at GUJCOST-Govt. of Gujarat, in Gandhinagar. My other areas of interest are painting, sketching, photography, sports and exploring nature. After PhD, I want to pursue post-doctoral in sustainable studies and be a good researcher.

24. **POONAM KHATRI**
Department of Natural Resources
poonam_khatri@hotmail.com
Research gate:
<https://www.researchgate.net/home.Home.html>



Prior to PhD, I did M. Tech. in Environmental Science and Technology from Thapar University, Patiala, Punjab, where my dissertation was on the performance evaluation of stabilisation pond technique based sewage treatment plant. My PhD work is on application of Life Cycle Assessment (LCA) in edible oil supply chain. Improving the eco-efficiency of edible oil supply chain can become a tool to attract the global market, besides, meeting the domestic edible oil demands. My other research interests include resource management and green productivity. I enjoy listening to music of all genres, reading books and watching movies. In future, I plan to be in research or academics.

25. **ROHIT SHARMA**
Department of Natural Resources
rohitsharma.teri@gmail.com



I did masters in Environmental Sciences from Chaudhary Charan Singh University (CCSU), Meerut, Uttar Pradesh. During my masters and as part of my dissertation, I worked with Central Pollution Control Board (CPCB), New Delhi. It was in CPCB that I got exposed to the environmental and climate change related challenges and I diverted my energy to develop interest over the changing pollution trends in megacities like Delhi. This took me to my next endeavour i.e., National Environmental Engineering Research Institute (NEERI), Delhi Zonal Laboratory (DZL), where I further refined my analytical skills and was intensively exposed to ambient air pollution monitoring and analysis. Thereafter, I joined the doctoral programme at TERI University for two main reasons: one to focus on the problem of cutting-edge research and learn about climate change and another to be an expert in specific area and enjoy academics. I was also actively involved with some NGOs in my hometown creating awareness. My other interests include playing basketball, cooking and music. After completing my PhD I would look forward to serve in academics.

26. **SHIPRA RAJESH**
Department of Natural
Resources
shiprapoorni@gmail.com
LinkedIn:
[https://www.linkedin.com/pr
ofile/view?id=343865088&trk
=nav_responsive_tab_profile](https://www.linkedin.com/profile/view?id=343865088&trk=nav_responsive_tab_profile)



My long standing interest in nature and ecology propelled me towards an undergraduate degree in Botany from Delhi University, India. I did my masters in Environmental Management from Guru Gobind Singh Indraprastha University, Dwarka, New Delhi. During masters, I discovered my interest in climate change and its impact on local communities. I decided to pursue doctoral research in the field of climate change and luckily I was awarded the HSBC climate scholarship. My research focuses on the measurement of vulnerability of rural communities to disasters, from their socio-economic characteristics. During many field surveys and focused group discussions, conducted over the last three years, I gained an intimate understanding of the communities in terms of their dependence on natural resources, their indigenous knowledge and existing government policies. I am interested in planning communities in a sustainable way, which would strengthen their resilience to disasters, given the impending urbanisation of such landscapes in years to come. I like going on road trips, hiking and reading about history. After my PhD, I intend to specialise in community planning and development with an emphasis on environmental sustainability.

27. **SHAILLY JAISWAL**
Department of Natural
Resources
[shailly.jaiswal2@students.teri
university.ac.in](mailto:shailly.jaiswal2@students.teriuniversity.ac.in)



I come from Lucknow—the ‘City of Nawabs’ and capital city of Uttar Pradesh. I did my bachelors in Botany, Zoology and Chemistry from Isabella Thoburn College, Lucknow, Uttar Pradesh and masters in Climate Science and Policy from TERI University, New Delhi. A thrilling field trip to Kolahoi glacier in Kashmir introduced me to snow and ice and inspired me to further study glaciers. I am concerned with assessment of social impacts of glaciers on people living in the downstream regions in Indian Western Himalayas. It is important as changing climate affects people in a big way. I was selected as an exchange student under *FFU/TERI German Indian Sustainability and Climate Change Dialogue (GISCCD). During my stay in Germany, I looked into various aspects of the *Alpine Convention*, by interviewing experts in this area. I enjoy photography, travelling, meeting new people and getting close to nature.

**FFU: Forschungszentrum Für Umweltpolitik (Research Centre for Environmental Policy), Freie University, Berlin, Germany.*

-
28. **SUNIL DAHIYA**
Department of Natural Resources
sunil.dahiya3@gmail.com



I am from Sonapat, Haryana. I completed graduation in B.Sc. (Applied Life Sciences) from Ramjas College (2007-2010), Delhi University, Delhi. After that I joined M.Sc. Environmental Studies (2010-2012) programme at TERI University, New Delhi. During masters degree I got exposed to various aspects of environment and sustainable development. My primary research inclination during masters was more towards understanding air and water pollution and energy scenario in the country and its nexus. I did major project on "Life Cycle Assessment (LCA) of Foreign Coal and Natural Gas-based Thermal Power Plants: a comparative study" under the supervision of Professor Suresh Jain, Department of Natural Resources, TERI University. While working on the same, I realised that there were various gaps in the research on LCA studies in India and specifically in electricity generation sector. Masters research work motivated me to carry out a comprehensive research in the same area and therefore, I joined the PhD programme at TERI University to continue my research on assessment of environmental impacts of coal based electricity generation using life cycle approach. I have published two international research articles in the above mentioned area. My research interest lies in Life Cycle Assessment (LCA); thermal power generation technologies; Social Impact Assessment (SIA); Environment Impact Assessment (EIA) and Environment Management Systems (EMS). My hobbies are traveling, trekking, water sports, understanding social dynamics and phenomenon. And in future I want to continue research work in the area of environment and development.

-
29. **SAHAJ KAUR**
Department of Natural Resources
sahaj.kaur@students.teriuniversity.ac.in



I am a resident of Delhi. I did my graduation in Biotechnology (honours) from Chaudhary Charan Singh University, Meerut and post-graduation in Environmental Studies from Kurukshetra University. I researched on antimicrobial activity of common weeds found in Kurukshetra as part of my internship and dissertation projects in masters. Later I worked with Advit Foundation in Rajiv Gandhi Renewable Energy Park in Gurgaon for six months. I am currently pursuing PhD in 'Lichen Conservation Areas (LCAs) for *in situ* conservation of species preferred in trade in Uttarakhand, Western Himalayas, India.' In future, I would love to make a career in research as well as academics.

-
30. **SNEHLATA TIGALA**
Department of Natural Resources
snehlataatigala@gmail.com



I am a graduate of DU. I did my bachelor's from Miranda House and master's from the Department of Zoology, University of Delhi and have been fascinated with this field ever since. I used to lurk around the many research labs in my college when one professor finally put me to some good use on a research project for investigating the impact of organic food on the behaviour and longevity of *Drosophila* model of Huntington's disease. An internship at WWF, India taught me about the human-wildlife conflict in our country. Needless to say, the doomsday clock is ticking fast for our environment and I intend to do something about it with my PhD at the Department of Natural Resources in TERI University. I am working on the health impacts due to exposure to biomass combustion. In future, I would like to be involved in policy making decisions involving gendered vulnerability in rural areas. When not working, you can probably locate me at a legendary food joint or a medieval fair. Weekends are obviously reserved for the Big Bang theory, supernatural or random quilling.

-
31. **LOKESH CHANDRA DUBE**
Department of Natural Resources
lokeshchandra.dube@students.teriuniversity.ac.in

<https://in.linkedin.com/in/lokeshchandrads>



I am pursuing part time PhD from the Department of Natural Resources. My research is on assessment of carbon forestry projects. I did my post-graduation in Environment Management from Forest Research Institute, Dehradun and M. Phil. in Energy and Environment from Devi Ahilya University, Indore. I qualified the UGC NET exam for lecturership in Environmental Science. In past, I worked as Consultant with Emergent Ventures India and TÜV NORD Group. Presently, I'm serving as Programme Officer at NATCOM Project Management Unit of Ministry of Environment, Forest and Climate Change. I'm interested in research on climate change mitigation and adaptation and want to build career in the same. My hobbies include mythology and literature.

-
32. **CHARU BHANOT**
Department of Natural resources
charu.bhanot@students.teriuniversity.ac.in



I am from Delhi. I completed BSc in Life Science from Gargi College, Delhi University and MSc in Natural Resource Management, GGSIPU, Delhi. My research aptitude is towards conservation and natural resource management, which started with a six months dissertation for Munnar, Kerala, UNDP Project under IORA Ecological Services, Delhi. In the Project, I worked for community livelihood centric biodiversity conservation in high range mountain region, Kerala, India. Currently, I am pursuing conservation strategies for crop wild relatives under Dr. Sudipta Chatterjee, TERI University. The knowledge and experience of the professors combined with their immense motivation and friendliness makes the Department marvellous for work. My moto for my life is Always Seek Knowledge (ASK). My future goals are to incorporate my work and research in such a way that it helps the masses. I would like to join academics in future. My hobbies are listening to music, basketball, swimming and dance.

-
33. **DIVYA SHARMA**
Department of Natural Resources
divya.sharma2@students.teriuniversity.ac.in



I am a recipient of PhD research grant Himalayan Adaptation, Water and Resilience (HI-AWARE) Research on Glacier and Snowpack Dependent River Basins for Improving Livelihoods. My research focuses on interaction of biophysical and socioeconomic drives leading to vulnerability to climate change in upper Ganga basin. The study intends to explore the vulnerability drivers to climate change and will help in meeting goals and objectives placed for HI-AWARE research components.

Prior to joining the HI-AWARE PhD programme I was a graduate exchange student at German-Indian Sustainability and Climate Change Dialogue, Environmental Policy Research Centre (FFU) at Freie Universität Berlin, where I studied the subsidy frameworks of solar power sector in Germany and how these subsidies steered the evolution of markets and institutions. As a Research Intern at TERI-SRC Bangalore, I developed an Agricultural Resilience Index (ARI) with systems perspective. Before joining TERI University, I used to work as an Engineering Analyst at Infosys Technologies Ltd. I have also worked for Airbus at Filton, United Kingdom and have over six years of industrial experience in stress analysis and computer-aided designing in the domain of aerospace and consumer appliances. I hold a bachelor's degree in Mechanical Engineering and am a mother to a pre-schooler.

-
34. **ANUPRIYA DESORE**
Department of Policy Studies
annupriya123@gmail.com



I did my graduation in Commerce from Delhi University. Thereafter, I joined Jamia Millia Islamia for a masters degree in Commerce (Business Management). During my masters, I developed interest in the field of corporate social responsibility and sustainable development. Despite my majors in Marketing and Finance, I decided to pursue further studies in the field of sustainable development and contribute to society through my work. To follow my passion, I enrolled for doctoral studies at TERI University. My research interests include sustainable business strategies, corporate social responsibility and green marketing. Currently, my research focuses on 'Strategic Response of Corporations in Indian textile Industry Towards Environmental /Social (Health and Safety) Practices'. Apart from research my hobbies are reading books, listening to music, driving, and trying different varieties of food. In future, I would like to work in an industrial sector with policy makers working in the field of corporate social responsibility.

-
35. **RIA SINHA**
Department of Policy Studies
rias.echo@gmail.com
ria.Sinha@students.teriuniversity.ac.in



My professional career started at the Indian Institute of Foreign Trade (IIFT), New Delhi, as a Research Fellow, where I worked on the development of National Citizen Satisfaction Index with the Human Development Index (HDI) method. The study involved economic analysis of several indicators of citizen satisfaction. Later I joined the Centre for Budget and Governance Accountability (CBGA) and worked on taxation issues. It was then my interest on carbon taxation in climate change mitigation efforts took shape. In July, 2011, I joined TERI University as a research scholar at the Department of Policy Studies, wherein I am also a recipient of HSBC scholarship for my doctoral research. The topic of research is "Emerging Sustainability Issues in Business: a study of the interface between environmental, social and governance variables and business with special reference to the Indian corporate sector". I was selected for a three months student exchange programme at Freie University, Berlin, Germany under German Academic Exchange Service (DAAD) funded "German Indian Climate Change Dialogue." I have also participated in workshops and conferences like Support to Improve Climate Change Research and Information Services in South Asia (SICRISA). My hobbies include listening to music and maintaining diaries. After completing my PhD, I want to carry out further research in the domain of business sustainability and work to implement theories in the practical arena and infuse new research in this domain.

-
36. **SWARNALAKSHMI UMAMAHESWARAN**
Department of Policy Studies
uswarna@gmail.com



I have a masters in Economics from Avinashilingam Deemed University, Coimbatore, Tamil Nadu. I am a research scholar in the Department of Policy Studies, at TERI University. My research is on 'Policy and Financing Inter-linkages in the Context of Mainstreaming Renewable Energy'. Renewable energy can be a big opportunity for India right from improving electricity access to reducing carbon emissions. My doctoral research attempts to study how risk perceptions impacts financing for large-scale renewable energy projects—factors, which influence them and policy choices that can reduce such perceptions. My research interests include studying the interaction of policy design, individual behaviour and decision-making in the context of sustainable development. Before joining TERI university, I worked with American Express and Genpact for eight years as a Consultant in the business analytics domain. After PhD, I am interested in a research /academic career.

-
37. **SOURABH JAIN**
Department of Policy Studies
sourabh.jain@students.teriuniversity.ac.in



I am doing my PhD on environmental carrying capacity-based urban development. I did my bachelors and masters in engineering, but I chose to do my PhD in policy field. I thought that we already have enough scientific and technical capacities and it is the policy domain that one should focus on to promote sustainable development. This became my main motivation to work in the field of sustainable development and explore different policies that use technological solutions to improve people's lives and protect the environment at the same time.

I chose specifically to work on cities because my dream is to design cities that are similar to biosphere 2 and entirely self-sufficient in food, water, and energy. I intend to explore some of the design characteristics of resource self-sufficient cities. My hobbies are reading mainly about technical advancements that may solve our problems, climate change apocalyptic stuff, and societal collapse theories due to resource scarcity.

-
38. **VRISHALI RAMKRISHNA CHAUDHARI**
Centre for Regulatory and Policy Research
vrishc@gmail.com



I hold an MSc in Environmental Science from University of Mumbai, Maharashtra and a Post-graduate Diploma in Environmental Law from National Law School, Bangalore, Karnataka. The focus of my PhD is on the institutional interplay in local-level governance of watershed development programme and its implications on post-project sustainability, in a drought-prone village of Maharashtra. As an early-career researcher, I train in the theoretical schools of institutional analysis and environmental governance; and in the practice of qualitative research methodology. I have been playing an active role in the development and coordination of the 'Indian-European Multi-level Climate Governance Research Network', since its inception in 2011. During the course of my PhD, I handled the responsibilities of a Programme Assistant for a masters' programme in Sustainable Development Practice for the year 2011-12, which involved course management and programme outreach. Prior to joining PhD, during 2006-07, I worked as a Research Assistant in the Centre for Environmental Science and Engineering (CESE), Indian Institute of Technology (IIT), Mumbai, Maharashtra.

-
39. **PRATIBHA BISHT**
Centre for Regulatory and Policy Research
pratibha.bisht@students.teriuniversity.ac.in



I completed graduation in Commerce from Delhi University and MBA in Finance from IGNOU, Delhi. Currently, I am working in the Ministry of Environment, Forest and Climate Change. With the inspiration of my mentors and seniors, I decided to do PhD and got registered in TERI University in January 2016. My PhD focuses on the recent tragedy of Kedarnath catastrophe and to find solutions. I have sentimental attachment for Uttarakhand as it is my native place and this tragedy compelled me to research and think over it. I will try to co-relate scientific finding of my research with the government policies. I was always interested in environmental research and wanted to do something to protect the environment. TERI University provided me the platform to explore and work towards my interests. Apart from my research my hobbies are music, travelling and photography.

-
40. **VIVEK TYAGI**
Department of Business
Sustainability
vivektyagi.1984@gmail.com



I am from New Delhi. I did B. Tech in Computer Science Engineering from Guru Gobind Singh Indraprastha University, Dwarka, New Delhi and Post Graduate Diploma in Finance and Marketing from Institute of Marketing and Management (IMM), New Delhi. I started my professional career with ARI Simulation as Management Trainee and was promoted to Business Development Analyst within three months of my joining. I switched to Talent Corner HR Services Pvt Ltd and joined them as Business Head – Delhi/NCR to take care of operations of their Delhi office and manage a team of seven members. I always had research interests and hence decided to pursue my career in the same. Presently a doctoral candidate under the guidance of Prof. Manipadma Datta at TERI University, I am working on “Business Failures”. I love playing chess and listening to soft music. In future, I plan to be a business consultant and academician.

-
41. **ANUSHREE PODDAR**
Department of Business
Sustainability
anushree.poddar@students.teriuniversity.ac.in



I did my bachelors in Commerce from University of Delhi and masters in Commerce from Department of Commerce, Delhi School of Economics, DU. After which I cleared UGC-NET and JRF. I have been interested in research and wish to make a career in it. I aim to explore topics like sustainable consumption and production and sustainability reporting to encourage sustainable practices in business activities as well. On a personal front I love cooking, dancing and traveling. Baking is a kind of stress buster for me, which I enjoy doing on weekends. And as far as life is concerned I have always believed that “when the going gets tough, the tough gets going”.

-
42. **SULAKSHA SHETTY**
Department of Business
Sustainability
sulaksha.shetty@abbott.com



I completed my MA in History and Masters in Labour Studies (PG in HRM) from University of Mumbai. Post studies, I worked with organizations like Holcim Group, Saint Gobain, Godrej & Boyce Group and GTL as HR Business Partner specializing in Talent Management and Organization Development. Currently, I am working as Business HR Head for Healthcare Solutions Business with Abbott, a pharma company.

I’m also pursuing part-time PhD from Department of Business Sustainability, TERI University. The role of leadership in creating shared value for driving business sustainability was on my mind since the time I studied leadership as part of my management course. My background in History convinced me that there is so much that we can learn from our historical leaders. More we study history and refer to this stream for information, more we unearth the vast repository of time tested insights and knowledge on leadership, which is relevant even today.

I am a certified Counselor and am associated with a social group - AASHA for education of lesser advantaged children in my vicinity. I am also a Visiting Faculty at Narsee Monjee Institute of Management Studies Mumbai, for Executive Pharma MBA Programme. A mother of two growing up children, I am constantly learning new things be it sports or internet surfing. Cooking and social networking is something that helps me relax while dancing and reading are hobbies, which I continue to pursue over the years.

43. **HIMANSHU ARORA**
Department of Business
Sustainability
hems.arora@gmail.com
Twitter Handle: @hems_arora



I am a PhD scholar in Department of Business Sustainability. With a proven track record of working in both national and international organisations, I seek to build on my experience towards developing strategies and policies on sustainable development. I have over six years of experience in the areas of technology development, awareness generation, project monitoring and implementing various CSR and sustainable development initiatives. My research area includes sustainability in oil and gas sector. I enjoy reading and nature walk.

44. **MADHURI NANDA**
Department of Regional
Water Studies
madhuri.nanda@students.teriuniversity.ac.in

<https://in.linkedin.com/in/madhuri-nanda-97b62913>



With an academic background in Botany and Environment Management, I spent 15 years working as an environment and sustainability professional. It comes as an advantage to my research because of the experience gained while working with a consultancy firm, corporate entities, a research institution and an international auditing firm.

During this period, I worked in various environmental areas including climate change policy, clean development mechanism (CDM) under Kyoto Protocol, sustainability management and reporting based on Global Reporting Initiatives (GRI) guidelines, Environment Impact Assessment (EIA), legal compliances and Integrated Management Systems (IMS) certification (ISO 9001, ISO 14001, OHSAS 18001 and SA 8000). With the given professional experience, I felt the need for getting in-depth research profile, which is when i decided to join the part-time PhD programme at TERI University. Currently, I'm interested in researching sustainable phosphorus management and assessing possible linkages with food security for India. I enjoy reading books, taking walks in nature and listening to music.
