

#### TERI SCHOOL OF ADVANCED STUDIES

Deemed to be University, Accredited 'A' grade by NAAC



## Terra Matters Bulletin (January-March) Vol. I of 2024



Prof. Suman Kumar Dhar. Vice Chancellor **Chief Patron** 

#### **Editorial Board:**

Col. B Venkat, Registrar Mr Kamal Sharma Dr Parul Behl Dr Kavita Dr Amit Kaur Ms Sonika Goyal Ms Betty Mark Ms Nishtha Kaushik

#### Message from the Editor's desk

Greetings!!

We are excited to present the latest edition of our quarterly newsletter, highlighting the diverse and engaging activities that have taken place on our campus as well as outside campus. From academic extracurricular events. achievements to this newsletter encapsulates the vibrant spirit and creativity of our university community.

We extend our heartfelt congratulations to all students, faculty, and staff members who have contributed to the success of these activities. Your dedication and enthusiasm have truly made a difference in shaping the vibrant culture of our university.

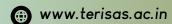
As we continue to grow and evolve, we look forward to sharing more inspiring stories and achievements in the upcoming editions of our newsletter. Thank you to everyone who has been a part of this journey, encourage you to keep embracing opportunities for growth and collaboration.

Jai Hind

#### FOR MORE INFORMATION:

+91 11 71800222 (25 lines)

registrar@terisas.ac.in







## **EVENTS AT TERI SAS**

TERI SAS in collaboration with Spic Macay and Satva, the Eco Club organized 'Rang Barse', an Eco Conscious Holi event on March 22, 2024 at the Amphitheater. It was an evening filled with music, fashion walk, snacks, games, and lots of activities.





The course on sustainable packaging looked at addressing the present problem of using low value plastics as packaging materials, plastic looking various packaging at alternatives like glass, paper, and bio-based materials. Use of life cycle assessment (LCA) approach to decide most suitable packaging alternative and also advantages disadvantages of each of the plastic packaging alternatives. The advance phase of the course

also covered kind of care which is taken while producing packaging intended to be used for packaging food items to avoid contamination.



All the products introduced in the market have certain environmental impacts and industry now-a-days is looking for option which has least environmental impact. Life Cycle Assessment is one such tool which can be used while designing the product so that it has minimal impact on the environment including contribution to greenhouse gas emissions. The course

therefore was structured towards training the participants on the basic aspects of LCA, and how it can be used by the industry to design a product with minimal environmental impact.



Shri Brijendra Swaroop, Director General (Officiating) & Executive Director (Projects), National Mission for Clean Ganga, Department of Water Resources, River Development, and Ganga Rejuvenation, Ministry of Jal Shakti, Government of India, addressed the Webinar participants and oriented them regarding the initiatives and activities involved in Namami Gange Programme.



We at TERI School of Advanced Studies, had the honor of hosting a thought-provoking session titled 'Conquering Decarbonisation through Innovation and Technology' as part of our Campus 2 Corporate series, a student led-initiative of MBA cohort. A heartfelt thanks to Mr Gaurav Vyas for gracing us with his profound

for gracing us with his profound insights and expertise. His extensive experience and knowledge in navigating the complexities of decarbonisation shed invaluable light on the path forward. Perspectives on leveraging innovation and technology to drive sustainable practices are crucial for our generation and the ones to come.

Ayushman Bharat Scheme: Building the hopes for underpriviledged Indians

Saturday, 30 March 2024

Speaker:
AYUSH Ms. Roohi Khan, IAS
Deputy Secretary,
National Health Authority,
Ministry of Health & Family Welfare

A specialized training session aimed at professionals and students interested in enhancing their skills in mediation and negotiation, specifically tailored to infrastructure projects was conducted on March 22, 2024.

Vanmaali organized Team webinar in collaboration with organizer Talapatra, Dillimeriijaan's walk, with of National Service volunteers Scheme, ARSD DU on February 24, 2024. The topic of the session, 'Significance of indigenous species' helped further the purpose of supporting, promoting, and propagating the importance of indigenous species for our local biodiversity.



A talk was organised on "Ayushman Bharat Scheme: Building the hopes for underprivileged Indians" by Ms Roohi Khan (IAS), Deputy Secretary, National Health Authority, Ministry of Health & Family Welfare, Government of India, under the Webinar Series on "Public Policies for Sustainability" organised by MA-Public Policy & Sustainable Development Programme, Department of Policy & Management Studies on March 30, 2024.



On March 07, 2024, the 2nd series of Campus2Coporate was organised at TERI SAS. Campus2Coporate is a cornerstone initiative of MBA cohort at TERI SAS, bringing you industry expertise to guide your future. In honor of Women's Day (March 08), Ms Richa Bansal, Founder & CEO of Saarathee CRM Pvt. Ltd., honoured the session. Saarathee aims to transform disability inclusion between corporates and persons with disabilities. The session shed light on the importance of creating an inclusive environment in corporates where individuals of all abilities feel valued. respected, and empowered to contribute their unique talents and perspectives. The session enabled the participants to gain significant knowledge.







A nature walk was organised with the theme of step into the enchanting embrace of nature at Aravali Biodiversity Park, Vasant Kunj on March 4, 2024. The students explored the hidden treasures on a leisurely nature walk and came across the fascinating aspects of indigenous species.

special lecture on "Cyber Security in a rapidly changing Digital World" by Dr Triveni Singh, ex-IPS Officer, Former SP (Cyber Crime), Cyber Crime Cell of Uttar Pradesh Police. Government of Uttar Pradesh, was organised by MA (Public Policy & Development Sustainable Programme), Department Policy & Management Studies.

THERE MUST BE A BETTER WAY TO MAKE THE THINGS WE WANT, A WAY THAT DOESN'T SPOIL THE SKY, OR THE RAIN, OR THE LAND.





TERI SAS the International At Women's Day was celebrated for the first time. A small documentary of Muskan, a young girl where she tried to convince her grandmother that girls are not less than the boys in any aspect of life and even girls have the right to shown. The female survive was members of the Satva Fashion Society also displayed the different faces of a women through a ramp walk show.



TERI SAS celebrated the 75th Republic Day in the presence of the Vice-Chancellor and Registrar. Most of the teaching and non-teaching staff attended this celebration.

"Sustainable Bharat - 2024" Event, was organized by the Sustainable Energy Promotion Association (SEPA). As a part of this Event, the second series of Advanced Clean Energy Workshop was organised on March 15, 2024, at the TERI SAS campus. This exclusive oneday workshop explored the latest advancements, developments, and best practices in various areas of clean energy, including Agrivoltaics, Green Hydrogen, ESG, and other Clean Energy topics. Industry experts led discussions and provided insights into cutting-edge technologies and sustainable development strategies. The workshop provided an enlightening experience for all participants who are passionate about shaping a sustainable future for India and beyond.





A seminar on 'Opportunities in Economics after Masters' featured Mr. Sayanta Dawn, founder of Last Bench, discussing academia, non-academic paths, and job dimension was conducted on March 02, 2024 followed by a Q&A session. The session broadened the student's prespective and oppourtunities on the career path after masters.



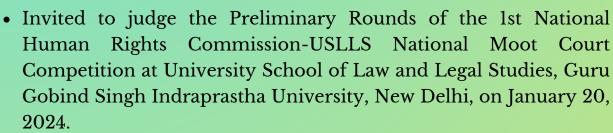


## FACULTY CORNER



TERI SAS congratulates Prof. Suman Kumar Dhar on assuming the post of Vice Chancellor, TERI SAS. Prof. Suman Kumar Dhar is an awardee of Shanti Swarup Bhatnagar Award in Biological Sciences by the Government of India (2012). He brings along with himself, many years of experience in academics, research and administration. All teaching, non-teaching staff and the students of TERI SAS wishes Prof. Suman Kumar Dhar a very heartly and a fruitful tenure.

Dr Manini Syali from the Department of Policy and Management Studies has contributed towards the following academic and research activities:





- Presented a paper titled 'Orbiting the Climate Challenge: Aligning International Space Law with Environmental Sustainability' at the International Conference on Climate Change organized by the India International University of Legal Education and Research, Goa, in collaboration with Goa Biodiversity Board, Climate Change Cell, Government of Goa, held on February 24-25, 2024.
- Published a Chapter titled 'Contemporary Significance of the International Committee of the Red Cross' in the edited book titled "Contemporary Armed Conflicts: Challenges to International Humanitarian Law and Refugee Law" edited by Prof. (Dr) V. Vijayakumar, Prof. (Dr) T.V. Subba Rao and Prof. (Dr) Rashmi Salpekar, Published by Vivekananda Institute of Professional Studies-Technical Campus, (ISBN 978-81-951735-4-9) March, 2024.



Dr Amit Kaur from the Department of Sustainable Engineering has presented the paper titled 'Assessing the story of Garima Greh: Shelter Homes for the Transgender People' at the Urban Innovations Conference held at School of Planning & Architecture, Bhopal from March 1-3, 2024.

Dr Shruti Sharma Rana from the Department of Policy and Management Studies has organized a two day Management Development Programme (MDP) on 'ESG Strategy for Business Sustainability & Growth' on January 09-10, 2024 for GAIL Leadership team at the TERI SAS campus.

Dr Pritha Dutta from the Department of Policy and Management Studies has published the following articles in journals:

 Naveen, N., Datta, P., Behera, B., Rahut, D.B., 2024. Climate-Smart Agriculture in South Asia: Exploring Practices, Determinants, and Contribution to Sustainable Development Goals. Mitigation and Adaptation Strategies for Global Change. (Accepted) [Impact factor: 4.0]



- Datta, P., Rahut, D.B., Behera, B., Sonobe, T. and Chand, S., 2024. Human Coexistence with Leopards and Elephants: Losses and Coping Strategies in an Indian Tiger Reserve. Trees, Forests and People, p.100518. xhttps://doi.org/10.1016/j.tfp.2024.100518. [Impact factor: 2.7]
- Datta, P., Behera, B., Timsina, J., and Rahut, D.B., 2023. Achieving sustainable development through agriculture-forestry-livestock nexus in Bangladesh: Synergies and trade-offs. Agricultural Systems. https://doi.org/10.1016/j.agsy.2024.103854. [Impact factor: 6.6]



Dr Gopal Sarangi, HOD, Department of Policy and Management Studies from TERI School of Advanced Studies (TERI SAS) along with Jai Kumar Gaurav, TERI SAS alumnus and working as Senior Advisor GIZ, presented a talk on Critical Minerals for Energy in India at DD URDU.

Dr Shaleen Singhal, Professor, TERI SAS, was a panelist, at an International Conference on Sustainable Built Environment, organized by the RICS SBE and School of Sustainability, IIT Madras on March 16, 2024. The topic of panel discussion was Industry-Academia Collaboration for Building Capacity and Capability of Net Zero Practices in the Built Environment Sector.





Dr Chaithanya Madhurantakam from the Department of Biotechnology was the reviewer and evaluator for the IUSSTF Khorana Programme for Scholars 2024. The Department of Biotechnology (DBT), Government of India, Indo-U.S. Science and Technology Forum (IUSSTF), and WINStep Forward have partnered to support the Khorana Programme for Scholars.

Dr Kavita from the Department of Policy and Management Studies has participated in two-week Capacity Building Programme on Ideas@75 Fostering Innovation and Creativity in Social Science Research sponsored by ICSSR. It was organized by University School of Management Studies, Guru Gobind Singh Indraprastha University, New Delhi.

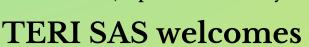


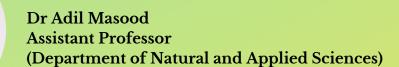


TERI School of Advanced Studies (TERI SAS), New Delhi has hosted an International Workshop on "Energy Transition for Sustainable Development" on January 10-11, 2024 as part of a joint project "The Doctoral school in Sustainable Energy Engineering (SEED)" among KTH Royal Institute of Technology, Linnaeus University and Lund University in Sweden, Kathmandu University, Nepal and Universidad Mayor de San Simón (UMSS) in Bolivia funded by Swedish Research Council. The main objective of this SEED programme is to develop capacities of PhD researchers to work in multidisciplinary research for complex developmental challenges and solving them with holistic and innovative system solutions. The two-day workshop under the chair of Prof. Nagui Anwer and hosted by Department of Sustainable Engineering at TERI SAS was attended by 38 participants and expert talks were delivered by TERI SAS faculty members as well as faculty from KTH Royal University, Linnaeus University and Lund University from Sweden.

#### TERI SAS bids farewell to

Dr Sayantee Roy
Assistant Professor
(Department of Policy and Management Studies)







Dr Adwitiya Sinha Associate Professor (Department of Natural and Applied Sciences)





## STUDENTS' CORNER

SATVA, The Fashion Society aims to foster awareness and action towards sustainable fashion practices through various initiatives including fashion walks & representation of TERI SAS at college fashion shows. The society was inaugrated on February 21, 2024 where the student members of the society displayed sustainable fashion themes during a ramp walk.





Ms Vaishnavi Pandey from M.Sc. Economics, 1st year presented a paper titled, 'Research on Renewable Energy and its Accessibility in India' at the "Doctoral Colloquium & International Winter Energy Summit 2024". The event was held from February 13-16, 2024 at the Management Development Institute, Gurgaon.

BBA 1st-year students attended the Dainik Jagran CSR Summit 2024 at Hotel Radisson Blu MBD, Noida. The theme, 'Convergence of Visionaries', featured keynote addresses by Dr Nidhi Pundhir, VP, Global CSR, HCL Tech; Dr Divya Gupta, NCPCR Member; Prof. Arun Kansal, VC, TERI School of Advanced Studies. The leadership session reflected on a decade's CSR journey in India, moderated by Rusen Kumar. Our students gained valuable insights and perspectives.





TERI School of Advanced Studies, New Delhi, India organized a Special Online Lecture on 'Role of Animal Law and Animal Ethics in Sustainability: A Global Perspective' on 20th March. 2024 (5.30 pm to 6.30 pm IST). Guest Speaker was Dr Silvina Pezzetta (Visiting Fellow at Brooks McCormick Jr. Animal Law & Policy Programme, Harvard Law School, Harvard University, the United States of America.

Ms Nishtha Bhakta and Ms Sunaina Saxena, students of M.Sc. Economics (2022-2024) presented their research study titled "Assessing the gendered impact of particulate matter pollution as a risk factor of COPD on the working population of India" and secured the second position at the CFR Annual Winter Conference, orchestrated by the Indian School of Business and Finance (ISBF) in collaboration with The London School of Economics and Political Science (LSE) and University of London held on January 16, 2024.





Aanchal Khera, Ms MA-SDP Semester Student represented India as a amongst 20,000 passionate Delegate from 188+ countries young minds converging for the World Youth Festival 2024 in Sochi, Russia. This prestigious gathering, under the banner of 'Bharat 360', brought together 360 young Indians, each brimming with ideas and a shared purpose - to forge a better future. After returning to India, 60 delegates who actively participated in the Festival and showcased the Indian culture and nationalism at the global stage were

invited to the Russian Embassy in New Delhi for a Press Conference with the Hon'ble Russian Ambassador to India, H.E. Denis Alipov, Mr Petr Sizov, Official Spokesperson of the Russian Embassy in India and Ms Yulia Aryaeva, Counsellor, and Head of Cultural Section at the Russian Embassy in India.



Dr Markus Starkl, Department of Integrative Biology and Biodiversity/Competence Centre for Decision Aid in Environmental Management, University of Natural Resources and Life Sciences (BOKU) who is the Lead Coordinator for EU-India HORIZON 2020 project SARASWATI 2.0 delivered a session to students and faculties on March 12, 2024. Title of the session was "Concepts of sustainability assessment for wastewater management".



Ms Nishtha Bhakta and Ms Sunaina Saxena, M.Sc. Economics (2022-24) Students, had the privilege of attending the silver jubilee lecture hosted by the



Institute for Human Development at India International Centre, Delhi on February 05, 2024. Renowned economist, Professor Kaushik Basu, Professor of Economics and Carl Marks Professor of International Studies at Cornell University, USA focused on the complex challenges confronting policymakers in the wake of the rapidly evolving global economy and the transformative changes in

the nature of work.

A group of students from Vastu Kala Academy, College of Architecture, New Delhi along with their faculty members visited TERI SAS campus on March 21, 2024. They were informed about the green features of TERI SAS campus and how sustainable features can be inculcated with architecture knowledge for designing green buildings.





"Leadership is the capacity to translate vision into reality."

TERI School of Advanced Studies, New Delhi organized a special session on 'Gender Sensitization' by Ms Anisha Jain, Advocate, Supreme Court of India on 21 March, 2024. The event was Coordinated by Col. B Venkat, Dr Moumita Acharyya and Dr Moumita Mandal.



TERI SAS Geoinformatics alumnus Ms Mehnaz Jabeen, has been selected for Mars Analogue Astronaut Programme and is undergoing training at MARS Desert Research Station, Utah.



The Twenty Third Edition of the World Sustainable Development Summit (WSDS), the annual flagship multistakeholder event was organized by The Energy and Resources Institute (TERI) from February 07-09, 2024. The primary aim of the Summit was to make sustainable development a globally shared goal. Students from TERI SAS participated in this summit and gained valuable knowledge and fruitful exchange of ideas.



On February 09, 2024, esteemed Global Air Pollution expert, Dr Richard Peltier delivered a talk on measuring air quality using new technologies. The interactive session enabled the participants to gain valuable knowledge and insights about the modern technologies.





Dr Vikas Budhiraja, Vice President, Healthcare & Life Sciences at Infogain, delivered a talk on Practical Life Lessons from Vedic Scriptures for Success and Happiness on February 05, 2024. The students and faculty members gained valuable insights from the talk.



Vasundhara unveiled its 14th edition at the World Sustainable Development Summit (WSDS) 2024, captivating attendees with its theme 'Equi Climate: Vulnerabilities of the Vulnerables'. Vasundhara, The Eco Club Magazine is an initiative led by the students at TERI SAS, committed towards promoting sustainability and environmental awareness through its impactful magazine publications. This latest edition meticulously explored the disproportionate effects of climate change on the most vulnerable segments of society.

### INSTITUTIONAL CORNER



TERI SAS collaborated as a knowledge partner with Dainik Jagran group for CSR summit 2024.

With a view to provide an opportunity towards competitive exams such as UPSC, TERI SAS commenced with providing guidance on CSE, UPSC 2024 at their own campus w.e.f. February 03, 2024.

Mr Amitava Bhattacharya, Former Secretary UPSC along with faculty members from TERI SAS are contributing towards this noble initiative.

A General Health Check-up camp was organized at TERI SAS on February 02, 2024 in collaboration with Max Hosp ital. All teaching, non-teaching staff along with students attended the had free and doctor's camp consultancy, check-up related to BMI, sugar and blood pressure levels.







A group of 300 students Kendriya Vidyalaya, Keshav Puram along with their faculty members visited TERI SAS campus on January 30-31, 2023. They were informed about the green features of TERI SAS campus and the career opportunities in the Sustainable of Development.



TERI SCHOOL OF ADVANCED STUDIES, NEW DELHI



Chancellor, TERI SAS

has been conferred with the prestigious Padma Shri,

in the field of Science & Engineering on the occasion of Republic Day 2024







Congratulations Dr. Eklabya Sharma

has been conferred with the prestigious Padma Shri,

in the field of Science & Engineering on the occasion of Republic Day 2024.





## CONVOCATION



TERI SAS celebrated its 16th Convocation on February 08, 2024 at the Stein Auditorium, Indian Habitat Centre. Prof. Ajay K Sood, Principal Scientific Advisor, Govt of India was the chief guest with Dr Shailesh Nayak, Chancellor, TERI SAS. The event was attended by the students of the batch 2021-23 accompanied with their family members. A total of 236 degrees were awarded along with 19 qualifying with doctoral. Chief guest while conferring the degrees implored all the students to continue working towards excellence and thereby contributing towards the national growth. Along with the degrees, students standing first in their respective discipline were awarded with a medal and a certificate of appreciation.





## Ph.D. AWARDED





Dr Divya Jain

Title: Effects of climate variability on electricity consumption in India



Title: Navigating the water-energy-food nexus amidst climate uncertainty in Indian agriculture: A composite index-based approach





Dr Himanshu Arora

Title: Sustainability report practices of the Indian energy companies

Dr Jagriti Dabas

Title: Application of geospatial technology for assessment of agricultural residue based renewable energy potential (Focused on five districts of Punjab)





Dr Keilash Chirom

Title: Analysis of complex hidden patterns in ovarian cancer: A systems biology approach

Dr Manisha Badoni

Title: Evaluating National Green Tribunal on United Nations Environment Programme's best practices for environment courts and tribunals

# IPCA CENTRE FOR WASTE MANAGEMENT AND RESEARCH

ICWMR, TERI was appointed as the Independent Consultant to monitor the collection, transportation, treatment, and disposal of municipal solid waste in five zones of MCD. The 18-month project, that commenced in January 2024, involves daily monitoring of the activities of the concessionaire and suggesting recommendations for improvement.





ICWMR, TERI SAS in collaboration with India Development Service (IDS), USA, organised an international conference on 'Solid Waste Management for Good Health and Wellbeing' on March 01, 2024. Deputy WHO Representative to India, Ms Payden was the Chief Guest of the conference. More than 60 experts from medical services, NGOs, urban local bodies, academia, and recycling industry participated in the event.

As part of SkiLLS Series 2.0, four programmes were organised to impart training on the application-based skills that are relevant in today's challenging world.

- Fundamentals and Application of Life Cycle Assessment | February 17-18, 2024
- Anaerobic Digestion of Organic Waste: Market Potential, Technology and Implementation | February 24, 2024
- Validation, Registration, Verification and Issuance of Carbon Credit Certificate | March 02-03, 2024
- Protection of Intellectual Rights: A Primer for Students, Researchers, Start-ups and Institutions | March 09, 2024 The webinar was organic





The webinar was organised on January 10, 2024 in collaboration with Uttarakhand Pollution Control Board. The speakers of the webinar were esteemed experts with experience and expertise on the policy frameworks, challenges and initiatives on battery waste management. The webinar was attended by 47 participants including representatives from Uttarakhand Pollution Control Board (UKPCB), Urban Local Bodies, industries, academic institutions, NGOs, etc.



#### FOR MORE INFORMATION:

+91 11 71800222 (25 lines)



registrar@terisas.ac.in



www.terisas.ac.in

• The Registrar,