

Terra Matters Bulletin

(July-September) Vol. 1 of 2023

Message from the Editor's desk

Greetings !!

TERI School of Advanced Studies (TERI SAS) signifies making professionals who are thorough in terms of sustainability and in addition, we also make professionals capable of generating employment in addition to getting employed. Towards this multiple activities take place in TERI SAS and I take a lot of pleasure in announcing that our students have come forward with newsletters in their respective clubs and department(s) or at their level. In addition, TERI SAS proudly reclaims its glorious past and would like to introduce a quarterly newsletter covering the preceding three months. This edition covers the period from July to September 2023. Please come forward and contribute wholeheartedly to the newsletter.

Jai Hind

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EVENTS AT TERI SAS

INDEPENDENCE DAY CELEBRATIONS

Independence Day was celebrated at TERI SAS with the former Vice Chancellor (Acting), Prof. Prateek Sharma hoisting the national flag followed by address to the teaching and non-teaching staff.



ORIENTATION DAY

Orientation day for the new batch of students of the academic year 2023-24 was held on 1 & 2 September 2023. It comprised a brief by the former Vice Chancellor (Acting) followed by a detailed presentation by all the stakeholders on various aspects of TERI SAS. Highlight of the day was the presence of Dr Vibha Dhawan, DG, TERI and her informal address to the students. This was followed by an interactive session and a visit to the university.



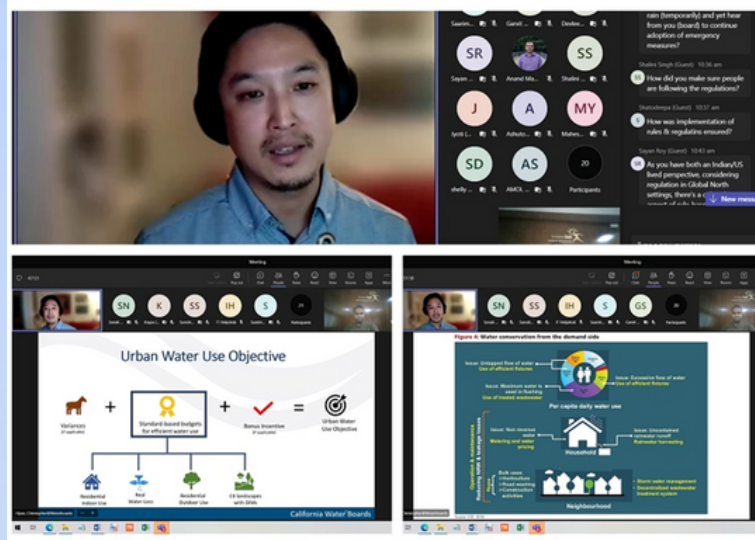
CHANCELLOR'S VISIT TO TERI SAS

Dr Shailesh Nayak, Chancellor, TERI SAS, during his visit to the university on August 18, 2023 interacted with all the faculty members and implored on various aspects of teaching, learning and research. He further informed the faculty members about the implementation processes of NEP 2020 and appreciated their efforts in making TERI SAS as one of the leading higher educational institutes offering multiple programmes related to sustainability.



LECTURE ON “DROUGHT IN US & INDIA: HOW DOES URBAN CONSERVATION POLICY WORK?”

The Department of Natural and Applied Sciences, TERI SAS, New Delhi organized a lecture on “Drought in US & India: How does urban conservation policy work?” on July 14, 2023. The speaker of the session was Dr Christopher Hyun from CA State Water Board focused on many key points of India's National Water Mission and its various goals for management and conservation of water.



WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPR) AWARENESS

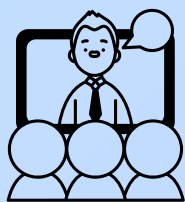
A workshop on Intellectual Property Rights (IPR) awareness under the aegis of Institutions' Innovation Council, TERI SAS was held on September 22, 2023, on the university campus. The sessions were taken by resource persons from Vastav Intellect, an IPR consultancy firm, namely Mr Venkatesh Bharti and Ms Deepa Kohli. The workshop covered topics encompassing the substantive and procedural aspects of IPR.



VISIT OF FOREIGN DELEGATES FROM ANGLIA RUSKIN UNIVERSITY, UK TO TERI SAS

A team led by Prof. Alison Greig, Director of Education for Sustainability (EFS), at Anglia Ruskin University (ARU), UK, and lead researcher at the Global Sustainability Institute (GSI) visited TERI SAS to discuss the possible collaborative engagements between ARU and TERI SAS in a host of areas, inter alia, student and faculty exchange programmes, joint supervision of Ph.D. and Masters students and joint research activities. TERI SAS team was led by former Vice Chancellor (Acting), Prof. Prateek Sharma.





As a part of the curriculum and exposure to dignitaries and senior academicians, TERI SAS, routinely conducts multiple workshops, webinars and symposiums for the students.
Glimpses of sessions:

Department of Sustainable Engineering

Webinar On

ARCHITECTS, ENGINEERS AND PLANNERS – HOW TO BUILD A CAREER IN SUSTAINABLE SMART CITIES DOMAIN?






DR. PRATEEK SHARMA

DR. SHALEEN SINGHAL

DR. SUNEEL PANDEY

DR. RANJANA CHAUDHURI

Friday,
August 18, 2023

11:00 AM to 12:00 noon

Department of Policy and Management Studies

Webinar On

WHY BBA FROM TERI SAS ?





DR. SHRUTI SHARMA
FACULTY
TERI SAS

MUSKAN MADHOK
ASSOCIATE CONSULTANT
EY

ANAND ACHARYA
SENIOR MANAGER
GAIL (INDIA) LIMITED

Saturday,
August 19, 2023

10:00 AM to 11:00 AM

Distinguished Fellows Lecture Series
on
Climate Change, Environment, and Sustainability



TOPIC:
India's stance under climate change negotiations: Has it evolved over the years?

SPEAKER

Mr. RR Rashmi
Distinguished Fellow and
Programme Director, Earth Science
and Climate Change, TERI & Former
IAS

Friday, August 11, 2023

03:00 PM to 3:40 PM

Mode : Online

Nurturing Data Scientists to Serve Society
B.Sc.(Data Science) at TERISAS

SPEAKERS



Prof. Ram Avtar
Hokkaido University, Japan
Director of Global Land Program
(Japan Nodal Office)



Dr. Deb Jyoti Pal
Vice President Geospatial World
Former ESRI Vice President

Tuesday,
August 8, 2023

3:00 PM – 4:00 PM

Mode : Online

Moderator:
Dr. Ayushi Vijhani
Assistant Professor
TERI SAS

GeoWebinar Series 2023



TOPIC:
Challenges in Water Security Planning using Remote Sensing Sensors

SPEAKER

Dr. B. K. Bhadra
Former Deputy GM
NRSC/ISRO, Delhi

Monday
July 10, 2023

11.00 AM – 12.00 PM

Mode : Online

Moderator:
Dr. Ayushi Vijhani
Assistant Professor, TERI SAS

Lecture Series
on
Environment, Climate Change and Sustainability



TOPIC:
Drought in US & India: How does urban conservation policy work?

SPEAKER

Christopher Hyun
California Water Board –
Climate & Water Conservation
Emergency Regulations Lead

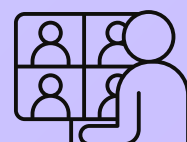
Friday,
July 14, 2023

10:00 AM

Mode : Online

Moderator:
Dr. Chandrashekhar Azad,
Assistant Professor, TERI SAS

If I ride my bike twice....does that count as RE-CYCLING.





Prof. Prateek Sharma, former Vice Chancellor (Acting) was the guest speaker at the DD Morning Show held on September 08, 2023. The topic of the morning show was G20 & Climate Change & Action.

Dr Sukanya Das and Dr Ann Francis from the Department of Policy and Management Studies, submitted the proposal for the approval towards developing a framework to account for externalized costs of sachet waste handling to build the knowledge repository in the fight against climate change with waste warriors society on September 06, 2023.



Dr Sapan Thapar, Department of Sustainable Engineering had organized a webinar on “Opportunities in Indian Energy Sector (Transitioning towards net-zero)” on August 23, 2023.

Dr Shruti Sharma from the Department of Policy and Management Studies conducted a 2-Day Workshop for Senior Executives of GAIL on the topic “Net Zero Carbon emissions and design basics” from July 17 and July 18, 2023.



Dr Ramakrishnan Sitaraman, Department of Biotechnology had participated in the Great Science 2023, Pharma Summit at New Delhi on September 15, 2023.

Dr Chaithanya Madhurantakam published two articles:

1) Sisodia, R., Sarmadhikari, D., Mazumdar, P. A., Asthana, S., Madhurantakam, C. (2023). Molecular analysis of dUTPase of Helicobacter pylori for identification of novel inhibitors using in silico studies. J Biomol Struct Dyn. 17:1-26. doi: 10.1080/07391102.2023.2247080.

2) Sisodia, R., Mazumdar, P. A., Madhurantakam, C. (2023). In silico identification and analysis of potential inhibitors for acid phosphatase, HppA from Helicobacter pylori. J Mol Recognit. 36(9): e3049. doi: 10.1002/jmr.3049. Epub 2023 Aug 8.



TERI SAS bids farewell to



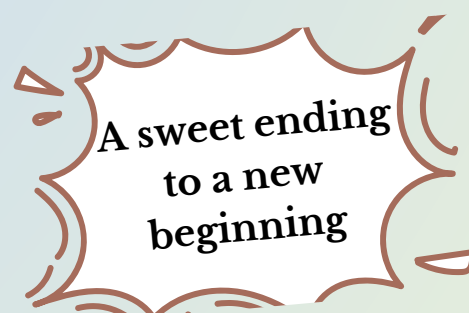
Prof. Vinay Shankar Prasad Sinha
(Department of Natural and Applied Sciences)



Dr Resham Nagpal
(Department of Policy and Management Studies)



Dr Bhawna Bali
(Department of Sustainable Engineering)



TERI SAS welcomes



Dr Divya Soman
Scientist B, ICWMR
(Coca-Cola
Department of
Regional Water
Studies)



Dr Sapan Thapar
Associate Professor
(Department of
Sustainable
Engineering)



Dr Amit Singh
Assistant Professor
(Department of Natural
and Applied Sciences)



Dr Pritha Datta
Assistant Professor
(Department of Policy
and Management
Studies)



Dr Parul Behl
Assistant Professor
(Department of Policy
and Management
Studies)



Dr Ramkishore Singh
Assistant Professor
(Department of
Sustainable
Engineering)



Dr Subhasree Sarkar
Assistant Professor
(Department of Policy
and Management
Studies)



Dr Sayantee Roy
Assistant Professor
(Department of Natural
and Applied Sciences)

STUDENTS' CORNER

SPIC MACAY TERI SAS Chapter presented a Hindustani Classical Vocal Music Recital by Vidushi Kalapini Komkali accompanied by Smt. Paromita Mukherjee (Harmonium) and Shri Shambhunath Bhattacharya (Tabla) on September 23, 2023.



Mr Dutikeshwar Ballav Das, a Masters' Student of MBA (Sustainability Management) 2022-24 batch, who happens to be EDF Climate Corp Fellow 2023 received a Certificate of Appreciation for his outstanding performance in his fellowship from Mr B Rama Rao, IAS, CEO of Ryuthu Sadhikara Samstha (RySS). RySS is a government body under the control of APCNF (Andhra Pradesh Community of Natural Farming), Govt. of Andhra Pradesh.



A small ATM room having 2 ACs and 4 tubelights working 24 hours asking me not to print a receipt to save the environment.

TERI SAS, on marching into its 25th year, it is pertinent to relive the moments and share the joy and happiness with everyone. We need to thank all the visionaries who enabled TERI SAS from time to time, especially Dr Rajendra K. Pachauri whose vision we are living today. Few Glimpse of Curtain Raiser Event at TERI School of Advanced Studies for embarking its Silver Jubilee Year celebrated on September 5, 2023.



Harshit Chawla, an alumnus of Sri Venkateswara College, Delhi University and currently pursuing an MBA Sustainability Management at TERI SAS, delivered a talk on Sustainability Reporting.

SPEAKER



Mr. Harshit Chawla

SVC Alumnus
MBA Sustainability Management,
TERI SAS
ESG Assurance Intern, PwC
Time: 09: 00 am



Orientation Day of the First Undergraduate Batch was held on September 11, 2023 at TERI SAS.

TERI SAS campus is aesthetically designed with several 'green' features of passive-saving design, energy efficiency, and water and waste management systems.



Repurposing materials into new items reduces waste and sparks creativity. It's like turning trash into treasure!



We all have to do our part for the environment and there are many different ways one can save energy. I usually use the couch.


As a part of TERI SAS Alumni Talk Series, sessions were held on different themes, 'Reuniting the Brilliant Minds of Biotech!' Connecting with the past and future of Biotechnology graced by the esteemed presence of Dr Aditi Jain and Mr Shubhodeep Chatterjee, who shared their inspiring journeys in the realms of academia and corporate.

presents


Biotikos

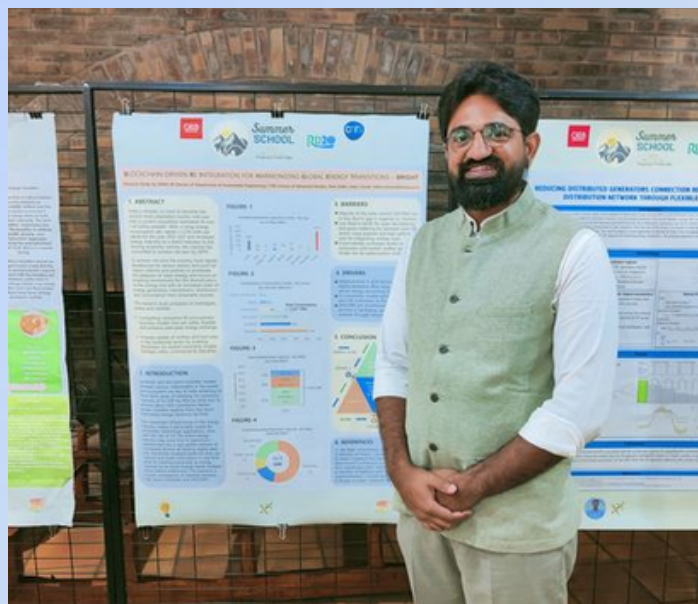
ALUMNI TALK

27TH SEPTEMBER 2023
1:15 PM ONWARDS

 **Shubhodeep & Dr. Aditi Jain**


From Pipette to Pen






Nithin Manjooran Cherian, alumnus of M.Tech Renewable Energy Engineering and Management (Class 2021-23), represented TERI SAS under the 'Early Researcher' category at the RD20 Summer School organized in the French Alps, Prapoutel from July 2-7, 2023.

Ms Pallavi Shrivastava and Ms Saranya Sircar, students of MA in Public Policy and Sustainable Development at TERI SAS presented their projects works at the 2nd International Conference on Memory, Ecology and Sustainability at IIT Madras, Chennai.



Houseplants not only add beauty to our homes but also purify indoor air by absorbing pollutants, making the environment healthier.

A single reusable shopping bag can replace hundreds, or even thousands, of plastic bags in its lifetime, reducing waste in a fun and stylish way!



TERI SAS QALA-Media and Arts Club presented 'QALAKRITI'- a magnificent celebration of creativity, talent and boundless expression. From mesmerizing dances to soul-stirring performances, 'QALAKRITI' showcased the diverse artistic spirit that thrives within our community.



The Department of Sustainable Engineering of TERI SAS hosted a session on the 'Opportunities and Challenges in the Indian Solar Rooftop Sector', as a part of Alumni Lecture Series. Lucky Aggarwal, proud REEM alumnus and Managing Director of SolarTech Saarthi Pvt. Ltd shared his valuable insights.



A team of 4 students Vaishnavi Pandey, Prakriti Kumari, Purvi Gupta and Gideon P John along with faculty Dr Ann Francis attended bootcamp of (ECHO) Environment Conservation Heroes Programme 2023-24 hosted by WWF India.



TERI SAS congratulates Mr Rishabh Chopra, a Master's student of Public Policy & Sustainable Development (PP&SD) at TERI SAS, for being selected to join the 2023-24 batch of the SBI Youth for India Fellowship.

I dare you to name one thing that has done more for the environment than Greta Thunberg!

The Coronavirus



INSTITUTIONAL CORNER

New Academic Programmes

Orientation day of the first UG batch at TERI SAS, was held on September 11, 2023. Following UG programmes were launched:

- BBA
- B.Sc. (Economics)
- B.Sc. (Data Science)
- B.Sc. (Environmental Studies)
- Integrated M.Sc. (Environmental Studies)
- Integrated M.Sc. (Data Science)



MOU

A Memorandum of Understanding was concluded between TERI School of Advanced Studies and Atulya Ganga to serve the objective of building capacity around sustainable development themes by incorporating the most current, research-based evidence in an interdisciplinary manner.



TERI SAS welcomed a group of senior Russian energy officials in BRICS to discuss the ERCP project findings focused on skill gaps in the energy sector of BRICS countries and possible way forward.



IPCA CENTRE FOR WASTE MANAGEMENT AND RESEARCH



IPCA Centre for Waste Management and Research (ICWMR) launched the SkiLLS 1.0 Series in the month of August 2023. SkiLLS, acronym for ‘Skilling, Learning and Leveraging on Saturdays’ is a 1–2-day training programme with an aim to impart application-based training to the participants. The SkiLLS 1.0 consisted of online trainings on Anaerobic Digestion of Organic Waste: Market Potential; Technology and Implementation; Geospatial Data Handling & Mapping using Google Earth and QGIS; Carbon Pricing, Market and Trading: Concepts, Operational Modalities, Analytical Tools and Techniques for Measurement; Life Cycle Analysis and Estimation of Footprints: A foundation course for beginners. The trainings were attended by more than 85 participants.

“Appropriate end-of-life handling of plastic wastes in rural areas can be a purposeful indicator to assess the positive impact of the EPR policy”



Prof. Arun Kansal



Mr. Ashish Jain



Ms. Garima Kaushik

Publications :

A blog on ‘Diffusion of plastic waste management policy key to far-reaching transformation’ was written by Prof. Arun Kansal, Director ICWMR, Professor, TERI School of Advanced Studies, Mr Ashish Jain, Founder & Director, Indian Pollution Control Association, and Ms Garima Kaushik, Head, ICWMR

25 Glorious Years of Sustainability

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