



1st INTERNATIONAL CONFERENCE

on

SCIENCE AND TECHNOLOGY
FOR SUSTAINABLE FUTURE

November 25-26, 2023

HIGHLIGHTS

- ♦ Recent advances in nanotechnology
- ♦ Energy and environment
- ♦ Biodiversity
- ♦ Technological advancements
- ♦ Paper, poster and prototype exhibition
- ♦ Interaction with renowned academicians and industry representatives

Organizing by :

**Sardar Patel University
Mandi (H.P.)**



About Science and Technology For Sustainable Future

1st edition of International Conference on “Science and Technology For Sustainable Future” (STSF-2023) is being organized by Sardar Patel University Mandi, Himachal Pradesh, India. STSF-2023 is a multi disciplinary conference and focus on the recent advances and trends in Chemistry, Physics, Biology, Environmental Science and Computer Science.

MAJOR THRUST AREAS

- ♦ Nanomaterials for Sustainable Applications
- ♦ Energy and Environment
- ♦ Chemical Sciences
- ♦ Applied Physics
- ♦ Biological Sciences
- ♦ Computer Application and Information Science

IMPORTANT DATES



Last date for Submission of Abstracts
31/10/2023



Acceptance Notification
7/11/2023



Last Date for Registration
15/11/2023



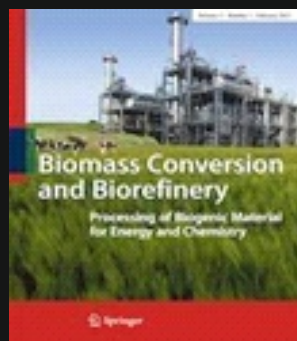
Abstract Submission

Email : conferencestsf2023@spumandi.ac.in
Website: <https://stsf-2023.org/>

CALL FOR PAPERS

Selected manuscripts will be published in a special issue of the Springer journal 'Biomass Conversion and Biorefinery, Impact Factor = 4.1' after peer review.

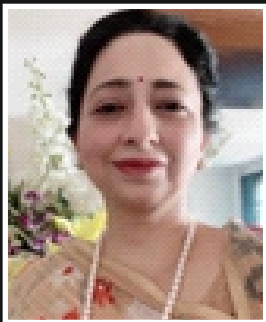
Our Publication Partner



Springer



ORGANIZING COMMITTEE



Patron

Prof. Anupama Singh
Pro Vice Chancellor
& Dean Academic Affairs



Convener

Prof. Rajesh Kumar
Dean CDC



Convener

Dr. Lakhveer Singh
Dean Research



Convener

Dr. Saneel Thakur
Dean Planning

Co-convenor:

Dr. Neelam Thakur, Dr. Jagdeep Verma, Dr. Ashish Kumar and Dr. Narinder Singh

Organizing Secretary:

Dr. Hitesh Thakur, Dr. Chetan Chauhan, Dr. Gaurav Kapoor, Dr. Rajesh Kumar, Dr. Mamta Sharma, Dr. Neha Sharma, Dr. Sarita Kumari, Dr. Manjula Sharma, Dr. Monika Sharma

CHANDRAYAAN-3

FACTS AND FIGURES

Name
Chandrayaan-3

Launch Vehicle
GSLV-MkIII

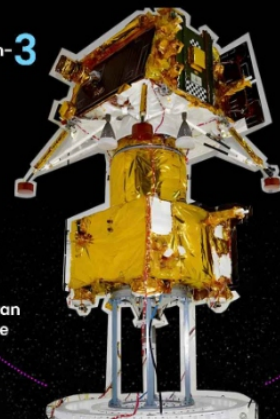
Destination
Moon

Mission Components

- Propulsion Module
- Lander
- Rover

Launch site
Satish Dhawan
Space Centre
Sriharikota

Mission life
1 lunar daylight
period or roughly
14 Earth days



Mass
3900 kg

Landing site
Moon
South polar region



International Advisory

- Prof. Martin Kaltschmitt, Humbert University of Technology, Germany.
- Dr. Jin Hyung Lee, Korea Institute of Ceramic Engineering and Technology, South Korea.
- Prof. Sandhya Babel, SIIT, Thammasat University, Thailand.
- Prof. Zularisam Ab Wahid, University Malaysia, Pahang.
- Dr. R.S Kalra, Staff Scientist OIST, Japan.
- Dr. Deepak Prashar, Medical College of Wisconsin, UK.
- Prof. VK Thakur, Biorefining and Advanced Materials Research Center, UK.
- Dr. Praveen Rahi, Collection of Institut Pasteur, France.
- Dr. Abdulaziz Abahussain, King Saud University, Saudi Arabia.
- Prof. Ajay Kumar, Director Universidad Metropolitana, US.

National Advisory

- Prof. Bhola Ram Gurjar, Director, NITRR, Chandigarh, India.
- Prof. Venkata Krishnan, IIT Mandi, India.
- Dr. Ramesh Chander Deka, Former Director, AIIMS Delhi, India.
- Dr. Pooja Ghosh, IIT Delhi, New Delhi, India.
- Dr. Naveen Chauhan, NIT Hamirpur, HP, India.
- Prof. Yashwant Singh, Central University of Jammu, India.
- Prof. Kashmir Singh, Panjab University, Chandigarh, Punjab, India.
- Dr. Ramesh Thakur, HPU Shimla, India.
- Professor (Mrs) Rajshree Jotania, Gujarat University, Ahmedabad, India.
- Prof. Vishwajit Rohil, Vallabh Bhai Patel Chest Institute, Delhi University.

PLENARY SPEAKERS



Prof. Paolo Fornasiero
University of Trieste, Italy &
Executive Editor of ACS Catalysis.

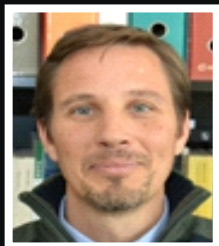


Prof. Martin Kaltschmitt
Humbert University of
Technology, Germany



Dr. Sanjeev K Varshney
Adviser/ Scientist G, Department
of Science & Technology,
Government of India

INVITED SPEAKERS



Dr. Ricardo O. Louro
ITQB NOVA, Portugal



Prof. Venkata Krishnan
IIT Mandi,
India



Prof. Ganga Ram Chaudhary
PU Chandigarh



Dr. Luguang Wang,
Utah State University, USA



Prof. Vijay Kumar Thakur
Biorefining and Advanced
Materials Research Center UK



Dr. Naveen Chauhan
Department of Computer,
NIT Hamirpur, HP, India



Prof. Sandeep Chauhan
Himachal Pradesh University,
Shimla, HP, India



Dr. Suman Singh
Principal Scientist
CSIR-Central Scientific Instruments
Organisation (CSIR-CSIO)



Prof. Rajender Kumar
CU Dharamshala,
HP, India



Dr. Umesh Kumar
Associate Professor & Head
Research Cell, IMS Ghaziabad, India



Dr. Showket Hussain
Scientist E, Deputy Director,
ICMR-NICPR, Noida, India



Dr. Vivek Dogra
Senior Scientist, Division
Biotechnology, CSIR-IHBT,
Palampur, Kangra, HP, India.

TENTATIVE EVENT SCHEDULE

Day 1. November 25th, 2023

Registration

9:00 AM – 10:00 AM

Welcome for guests

10:00 AM – 11:00 AM

Inaugural ceremony

11:00 AM – 11:30 AM

Plenary talks

11:30 AM – 1:30 AM

Lunch

1:30 PM – 2:30 PM

Keynote talks and high tea

2:30 PM – 4:00 PM

Technical session

4:00 PM – 5:30 PM

Cultural program

6:00 PM-7:00 PM

Dinner

7:00 PM-9:00 PM

TENTATIVE EVENT SCHEDULE

Day 2. November 26th, 2023

Keynote talks and technical sessions

10:00 AM – 1:30 AM

Lunch

1:30 PM – 2:30 PM

Poster session

2:00 PM – 4:00 PM

Valedictory session

4:00 PM – 5:30 PM

FEE DETAILS

Students/ Research Scholars	:	INR 1500
Faculty/ Scientists	:	INR 3000
International Delegates	:	USD 300
Industry Delegates	:	INR 5000

REGISTRATION DETAILS

BANK DETAILS FOR INDIAN PARTICIPANTS

Bank Holder Name: Finance officer, SPU, Mandi

Bank name: HDFC Mandi

Branch code: 000727

Account no. 50100433673501

IFSC: HDFC0000727

BANK DETAILS FOR FOREIGN PARTICIPANTS

Beneficiary A/c No. 50100433673501

Beneficiary Name:- FINANCE OFFICER SVPCU MANDI

Beneficiary Bank: HDFC Bank Ltd, Mandi Branch,
Himachal Pradesh, India

Beneficiary Bank's Swift Code: HDFCINBBXXX

Intermediate Bank: JP Morgan Chase Bank, New York

Intermediate Bank a/c no: 001-1-406717

Intermediate Bank's Swift Code: CHASUS33

Intermediate Bank's ABA Routing: 021 000 021

ABOUT SARDAR PATEL UNIVERSITY MANDI



Sardar Patel University, Mandi, is nestled in the lap of the Himalayan ranges in the heartland district of Himachal Pradesh Mandi and is situated on the banks of the mighty Beas River. Sardar Patel University, Mandi, is a residential-cum-affiliating University. It came into existence on April 1, 2022, as a State Government University, vide H.P. State Government Notification No. EDN-A-Ka(1)-17/2021, dated February 28, 2022. Sardar Patel University, Mandi, has the 2 (f) status of U.G.C. and has jurisdiction over five districts of Himachal Pradesh, comprising Mandi, Kullu, Lahaul and Spiti, Chamba, and Kangra. 119 Colleges and Institutions in these five districts are affiliated with SPU Mandi. The U.G., P.G., and Research programs are being offered in the University Campus. Besides the regular courses, the University plans to introduce some regionally relevant courses that are of greatest significance for the mountainous region.

This second-State University in Himachal Pradesh was a long-cherished dream of the people of this region. This University symbolizes the hopes and aspirations of the masses of this region for their social and

economic development through higher education. Sardar Patel University is committed to regional and community development, which is inherent in its teaching courses, research agendas, and other outreach activities.

It is an earnest attempt at Sardar Patel University to make learning an enriching, fulfilling, and enjoyable experience by offering a range of courses keeping in mind the aspirations of the students and the contemporary job market. The University has entered into a memorandum of understanding with many Higher Education Institutions to facilitate and collaborate in Teaching and Research. A dedicated team of qualified and committed faculty ensures excellence in academics.

Sardar Patel University, Mandi, aspires to excel as a University of Excellence in the coming years by combining value-based ethical holistic education with modern scientific education and marching ahead in the path of academic progress, contributing to the social, economic, political, and cultural development of the region in general and the state in particular.

Contact Information

Email: conferencestsf2023@spumandi.ac.in

Website: <https://stsf-2023.org/>

Contact persons (Organizing Secretary):

Dr. Gaurav Kapoor, Assistant Professor and public relation officer, SPU Mandi, Mob. No. 9816316601

Dr. Mamta Sharma, Assistant Professor, SPU Mandi, Mob. No. 9805330803

LOCAL ATTRACTION

About Mandi

The historic town of Mandi is built along the banks of the river Beas. It has a rich culture and history represented by its temples. Mandi is renowned for its 81 ancient old stone Shaivite temples and their enormous range of fine carving. As a tourist place, it is also called the "Varanasi of the Hills". Also, Mandi is the starting point for a trek of the region. Today, it is widely known for the International Mandi Shivaratri Fair. First heritage city of Himachal Pradesh. The town is gateway to Himachal's most famous valleys - Kullu & Manali.



Prashar Lake
(49 K.m. from Mandi)



Rewalsar Lake
(25 K.m. from Mandi)



Barot Valley
(65 K.m. from Mandi)



Shikari Devi Temple
(55 K.m. from Mandi)



Kamru Nag Temple
(55 K.m. from Mandi)



Bir Monastery Billing
(86 K.m. from Mandi)