



SYMPOSIUM ON



*Women in Science, Technology and Innovations:
As Role models in transforming Challenges into Innovative Solutions*
4th October, 2024 | Friday | 11:00- 17:00



Organized by
Birbal Sahni Institute of Palaeosciences, Lucknow
In collaboration with

Shakti, Awadh Prant




Click  *Registration Link*



About the Symposium

In the 21st Century, advanced research in Science, Technology, and Innovations (STI) providing an important solution to various challenges that individuals and communities facing in the rapidly changing world. Researches in interdisciplinary domains of S & T play a vital role in the Sustainable Development Goals, however, women researchers are significantly underrepresented and still limited in STI research. Hitherto, women generally have first hand knowledge of the day-to-day problems and challenges which diverse individuals face within communities, so women consultation may do wonders and can act as key models in designing and developing solutions to major science and societal challenges in the era of Amrut Kal. The government initiatives leading to close the gender gap to harness STI for sustainable development for all communities which will also contribute to the achievement of gender equality and empowerment set forth in SDG 5. Therefore, need of the hour to heightens and expand the pool and diversity of women scientists, academicians, technocrats, innovators etc. who can add new perspectives, talent, and creativity to finding much-needed solutions in the nation sustainable development.

This one day symposium would provide a real time platform to promote gender equality in various fields of Science and Technology like scientific education and careers, break down barriers to participation, challenge bias (conscious and unconscious) etc. to advocate greater women participation and representation in leadership roles to inspire future generations. This event would be certainly instrumental in providing opportunities to develop academic abilities and leadership roles. This Symposium focuses on-

-  *To establish a healthy dialogue between eminent women scientists, academicians, technocrats, and young generation to share their vision in their respective fields for the holistic development of the country in Amrut Kal.*
-  *Voice of women scientists widely heard to reach policy and decision makers with the target of a better future for female scientists.*
-  *To develop a broad scientific and social network for women at the academic and professional career level and also inculcate academic abilities and training fields to those women involved in science and also have inclination towards science and innovations.*

About the BSIP

The Birbal Sahni Institute of Palaeosciences is an autonomous organization under the aegis of the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India, established by Professor Birbal Sahni, FRS and a great visionary, established the Institute as 'Institute of Palaeobotany' in the year 1946 to explore and develop paleobotany as a science in itself, visualizing its potential in solving issues of origin and evolution of plant life, other geological issues including exploration of fossil fuels. However, institute has widened its research dimensions and significantly expanded its mandate in the year 2017, and was renamed as Birbal Sahni Institute of Palaeosciences, accommodating a more holistic approach with reinforced strategies to pursue palaeosciences under one roof and cater enhancing needs of the country amidst global change.

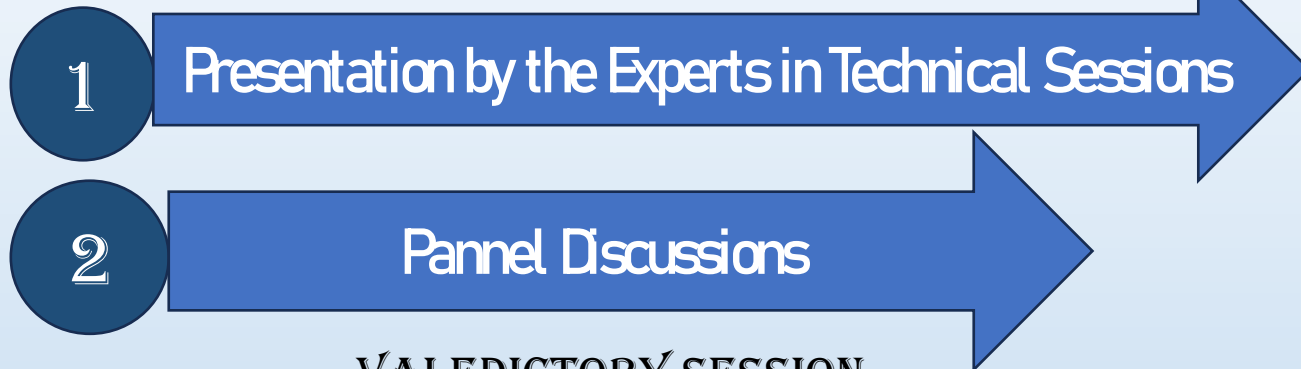
BSIP has been continuously exploring and diversifying to include sequence biostratigraphy, magnetostratigraphy, and geochronology to help in the correlation of surface and subsurface sediments, geochemistry, vertebrate palaeontology, palaeogenomics and exploring areas favourable for fossil fuel deposits. Understanding the link(s) between climate change and vegetation during the Quaternary Period is also an important part of research at the BSIP. Origin and antiquity of ancient civilizations, human history and subsequent interventions are also being done using ancient DNA analysis. It is pertinent to mention that BSIP is working not only pan-India but also working in the polar regions (Arctic/Antarctic) as well.

About the SHAKTI

SHAKTI- A National Movement for Women was established in Kochi (Kerala) in the year 2003; by the inspiration of Vijnana Bharti, a Swadeshi Science Movement, the motto of which is "Science and Technology for Social Harmony". SHAKTI was formed with the vision to unite the women of India for social, intellectual, cultural & economic development of women in particular & Bharat in general. SHAKTI works for women with S & T as a tool. SHAKTI works on the sacred concept of "Ardhanareeshwara", acknowledging the complementary role of men and women in the progress of development of our Nation.

Structure of the Symposium

The Inaugural session will be followed by:



Major Themes

- ❑ *Women in Science-Policy-Society Interface: Challenges & Strategies for future sustainable National Development.*
- ❑ *Role of Women in Environment, Health and Social Issues.*
- ❑ *Women in Technology & Innovations*
- ❑ *Role of Women involved in Scientific Social Responsibility (SSR)*
- ❑ *Grassroot Women Leaders & Sustainable development of Rural communities.*

Patron

Prof. M.G. Thakkar, Director, BSIP, Lucknow

Organizing Committee

Dr Sudha Tiwari

National President, Shakti

Dr Shilpa Pandey

Convener

Senior Scientist, BSIP

Ms. Bindu Suraj

National Co-ordinator, Shakti

Prof. Upma Chaturvedi

Avadh Girl's Degree College

Lucknow

Vaidya Leena Bavadekar

General Secretary, Shakti

Prof. Suman Mishra

NSNPG College, Lucknow

Dr Geetika Srivastava

Dr RML Avadh University

Ayodhya

Dr Anumeha Shukla

Senior Scientist, BSIP

Who can participate?

*Students/Research Scholars/Academicians/Professionals/
Social Worker/Innovators) from the domains listed below:*

- ❖ *Agriculture & Horticulture*
- ❖ *Physical, Biological, Biomedical and Pure Sciences*
- ❖ *Pharmaceuticals, Forensic Sciences*
- ❖ *Earth Sciences, Energy & Environment*
- ❖ *Engineering & Computer*
- ❖ *Social Sciences, Political Sciences and Policy Research*
- ❖ *Defence, Space*

*Only Registered Participants
are eligible to receive
a Certificate for the event*

For any queries contact:

Dr Shilpa Pandey

Senior Scientist & Convener of the Event
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Time	Programme Schedule
11:00-11:10	Inauguration
11:10-11:20	Introduction of the event Dr Shilpa Pandey, Senior Scientist, BSIP
11:20-11:30	Welcome Address by the Director, BSIP Prof MG Thakkar
11:30-11:40	Address by the General Secretary, SHAKTI Vaidya Leena Bavadekar, Pune
11:40-11:50	Address by the Guest of Honour Prof. Manuka Khanna Pro Vice Chancellor, University of Lucknow, Lucknow
11:50-12:00	Address by the Chief Guest Prof. Pratibha Goyal Vice Chancellor, Dr RML Avadh University, Ayodhya
12:00-13:00	Technical Session-I: Experts Prof Suman Mishra, Nari Shiksha Niketan PG College, Lucknow
LUNCH (13:00-14:00)	
14:00-15:00	Technical Session-II: Experts Dr Geetika Srivastava, Dr RML Avadh University, Ayodhya
15:00-16:30	Panel Discussions by the Experts of various disciplines Dr Shilpa Pandey, Senior Scientist, BSIP, Lucknow
16:30-17:00	Vote of Thanks Dr Anumeha Shukla, Senior Scientist, BSIP, Lucknow

Experts/Panelists

Dr Tulika Chandra

George Medical University, Lucknow

Prof. Vibha Agnihotri

NSN PG College, Lucknow

Dr Ajita Singh

Registrar RML University, Lucknow

Dr Vidhu A. Sane

Chief Scientist, CSIR-NBRI, Lucknow

Prof Sheela Mishra

University of Lucknow, Lucknow

Dr Niti Kumar

Principal Scientist, CSIR-CDRI, Lucknow

Dr. Komal Pandey

Amity University, Lucknow

Dr Shruti Dasgupta

UP State Forensic Sciences Institute,
Lucknow

Prof U.V Kiran

BBAU, Lucknow

Mrs Sharmishtha Sharma

Freelance Content Developer, Lucknow

Mrs Shachi Singh

Social Worker & Entrepreneur

Founder Hon.Gen.Sec.Ehsaas

Mrs Suhasini Akshay

Relationship Head-Sarthak Foundation

Dr Jyoti Diwan

Jaipuria Institute of Management, Lucknow

Dr Meenakshi Khemka

Assistant Director, State Museum, Lucknow

Prof Ritu Trivedi

Senior Principal Scientist, CSIR-CDRI,
Lucknow

Prof. Bharti Dwivedi

Rtd Professor & Head, IET, Lucknow

Dr Binita Phartiyal

Senior Scientist, BSIP, Lucknow

Dr Preeti Choudhari

Associate Professor

BBAU, Lucknow

Mrs Simran Sahni

Co-Founder of Keeros

Superfoods, Health Zone & Glamor Zone,
Lucknow

Mrs Tanya Sahni

Nutritionist, Health and Wellness, Lucknow