

April 4th to 6th, 2020

Jawaharlal Nehru University
New Delhi



*Science Technology Research &
Entrepreneurship Enhancement*

National Conference & Expo

On role of Women in
Science and Technology
for Sustainable Development

Organised & Hosted by



Supported by





Highlights

Great opportunity to be enlightened with address
& Interaction with the best of the renowned experts

- **Keynote speakers**
- **Panelists**

A Platform to present your research findings

- **Poster presentation**
- **Oral presentation**

Unique opportunity to share success stories & experiences

- **Open Forum**

Unique opportunity to showcase your products & technologies

- **Mega Expo**

Unique Learning

- **Women Training workshops on women friendly technologies**

Recreation for all

- **Cultural Events**



We invite you to join the conference and look forward to Women Researchers, Scholars, Academicians, Entrepreneurs, Students, Innovators from every fraternity for active participation.



Prologue

Throughout history, the central role of Women in society was to ensure the stability, progress and long-term development of our nation, besides sharing the primary responsibility for nutrition, child care and household management. They were also active in environmental management.

Indian woman has been the epitome of sustainability of the age-old culture and are the forerunner of continuum of traditional knowledge which is very relevant till age and proven to be most scientific by the modern world. Influence of western civilisation might disrupt this flow, the need to conserve and enlighten younger generation about this valuable treasure is of prime importance. As Vivekananda has said "Given education and opportunity, Indian women can lead the whole world. Indian perspective and civilisation can be a pathway towards the journey of harmony and peace for the entire race of human beings."

Today, with the ushering of financial independence and employment and entrepreneurship opportunities, women across urban and rural areas are proving their mettle, giving vital lessons of sustainable development to the world in the process. Therefore, it is paramount to make them equipped and enrich with modern techniques and related scientific advancement to elevate their outcome in nation development. In fact, a holistic approach with the interrelationship between the natural, the governmental, the economic and the social dimensions along with tool of science and technology can contribute to solutions.

This could be more specific in terms of Science, Technology and Innovation (STI) and the role of Women to be effectively implemented and monitored. The participation and creativity of women & men as well as the new advances in scientific knowledge, discoveries and innovations are required for long term sustainable development.

With this consideration, SHAKTI – A National Movement for Women initiates STREE, (**S**cience **T**echnology **R**esearch and **E**ntrepreneurship **E**nhancement) a continuum to converge and uplift participation of women from all sectors aiming National Development. STREE 2020 is the first edition conducting National Conference and Expo on "Role of Women in Science & Technology for Sustainable Development" in collaboration with Jawaharlal Nehru University, New Delhi.

Why this Conference

Though women have been at the core of Sustainable development but their role has not been recognised and appreciated at the scale it deserves. This conference aims at bringing all the women in the field of science and technology to achieve the larger goal of sustainable development and to streamline, document and ensure due credit for the exemplary feats secured by women to further this goal.

As it has been envisioned by our Hon'ble Prime Minister, India is aiming to become a US \$ 5 trillion economy by 2024. This will be only possible if the women, who constitute around 50% of this economy participate with full vigour to promote sustainable development through leaps in science and technology.

Objective of the Conference

- ▶ 01 To bring the scientists, entrepreneurs, academicians, NGOs, SHGs on the same platform to share their experiences, suggestions, opinions and vision.
- ▶ 02 To formulate a roadmap for time bound achievement of goal of sustainable development.
- ▶ 03 To further increase the participation of women in achieving sustainable development goals by extending the outreach to women in general through development of scientific temper.
- ▶ 04 To bring forth and render due credit to the efforts and innovations made by women in India across all the fields those were hitherto hidden or remained unnoticed but can bring about great change in the manner sustainable development is perceived by the world.
- ▶ 05 To showcase the glorious history of Indian culture which having been led by women has the ethos of sustainable development at the very core of its heart.
- ▶ 06 To encourage dissemination of scientific innovations and technologies by women scientists.
- ▶ 07 To promote more community participation for the development of society with the intervention of science and technology.
- ▶ 08 Increase interaction and promote networking and exchange between women scientists, women activists and women entrepreneurs from across the country.
- ▶ 09 Increase understanding of the role of science and technology in supporting women's critical role in sustainable development.

Themes

1: Women in Pure and Applied Sciences

- Biological Sciences
- Physical Sciences
- Mathematical Sciences
- Chemical and Engineering Sciences

2: Women in Technical Institutes

- Prospects and Challenges
- Enhancement of women participation

3: Gender Equilibrium in Research and Academics

- Sensitising the Mindset of Society
- Promoting Conducive Atmosphere at Work Place
- Bridging Career Breaks

4: Women and Sustainable Agriculture

- Natural and Organic Farming
- Pesticides and Preservatives
- Agri-indus (Agriculture based industries)

5: Women in Environmental Protection

- Natural Resource Conservation
- Ecosystem Management
- Energy Management

6: Role of Women in Responsible Production and Consumption

- Enhancing participation for Implementation of Government Flagship Policies
- Role of MSMEs for Promoting Eco-friendly Technologies
- Promotion of Women Entrepreneurship & Women Innovators

7: Lifestyle Management

- Wellness and Happiness Quotient
- Women Health- Mental, Physical and Spiritual

8: Women and Socio- Cultural Development & Indigenous Practices

- Women as epitome of Cultural Sustainability
- Indigenous Practices
- Women as Pillars of Society

Guidelines for paper & poster presentation

01 Abstract of the oral/poster presentation should cover one of the themes in English with following guidelines

- The abstract should in MS word of A4 size paper not exceeding 200 words typed in Times New Roman font size 12 point with double spacing. It should have the margin of 1.5" on the left side and the margin of 1" on the other three sides.
- Title of the paper in upper case centered and bold with font size 14 points.
- Author(s) Name and Affiliation (s), centered with font size 11 points. Author's address 10 points italics.

Please submit your Abstract / Full paper via given link : shaktibharat.org.in/stree2020/abstract_paper or email at : abstract.stree2020@gmail.com

02 The abstract should be sent online to the convenor latest by 28 February 2020

03 Intimation of accepted Abstracts for Oral presentation or Poster presentation will be intimated by 5 March 2020.

Authors are requested to send the abstracts and full paper not more than 2000 words in word format to the convenor. It will be reviewed by the Academic Committee and Abstract of selected papers on each theme will be published in Souvenir cum Abstract Book.

For details Please contact

Dr. Ranjana Arya
9811 325 080

Dr. Tullika Prasad
9968 064 273

Registration

Category Without Accommodation

Before 5.3.2020 | After 5.3.2020

Institutional (3 persons)	Rs 5000/-	Rs 5500/-
General Delegates (Academician, Scientists, Faculty, Entrepreneurs, Business Women)	Rs 2000/-	Rs 2500/-
Student Delegates (Research Students, Diploma Students, PG Students, UG Students)	Rs 500/-	Rs 1000/-

- ✓ Spot Registration Rs 2500/- (Without Accommodation)
- ✓ Delegates from organising Institutes will get 50% concession in registration fees.
- ✓ Registration fee will include Tea, Breakfast and Lunch & Dinner at JNU
- ✓ Accommodation will be provided on sharing basis from 6 pm of 4.4.2020 to 8 am of 6.4.2020 on payment of Rs 1500/- (includes all three days)
- ✓ Accommodation arrangements will be based on first come first base till 15.3.2020. Please avoid last moment haste.

Registration Link
shaktibharat.org.in/stree2020/registration

Payment Details

DD/Cheque/NEFT can be drawn in favour of "STREE (SHAKTI)" payable at Delhi Accounts Details of STREE (SHAKTI) for Online Transactions:

Name of the Bank	Indian Bank
Account Name	STREE (SHAKTI)
Bank A/c No	6837568582
Type of A/c	Current
Bank Branch	Defence Colony
IFSC Code	IDIB000D008
MICR Code	110019003



For registration details
Please contact

Dr. Ruchita Pal
9560 240 196

Dr. Smita Sundaram
8744 032 967

Dr. Sapna Ratan Shah
8527 441 044

Dr. Pooja Ghosh
9810 425 533

MEGA EXPO

- STREE 2020 will host a Mega Expo on Women, which will ignite ideas and enlighten to live with opportunities. This three-day event is a unique show of the Products, Services, and Skills focused on women friendly technologies, for women and by women.
- Stalls by different Organizations / Institutions on Women Friendly Technologies & Schemes will be showcased.
- Demonstration & Sale of products developed by women entrepreneurs across India.

For details for EXPO please contact:

Adv Poonam Anand : **9599 931 015**

Dr Nandita Saikia : **9717 065 242**

Open Forum Aspiration for Science

Interactive and Brain Storming Sessions

- 1 Success Stories by Women Leaders in S&T and Women Technocrats
- 2 Prospects and possibilities by Women Administrators
- 3 Partnership and linkages Business Women & Women Entrepreneurs
- 4 Interaction with Women in S & T for Research areas and Career Planning

For participation and details please contact

Dr. Leena Bavdekar
9890 196 273

Dr. Pratima Solanki
9871 584 410

Awards

"STREE - 2020"

Award for outstanding women in social cause through science and technology.

Other Awards will be presented for

- Best Paper
- Best Poster
- Best Stall in Expo
- Best Innovative Entrepreneur
- Best NGO/Institute for women friendly technology



(Applicant for last three category may send their profile at stree42020@gmail.com till 15 March 2020)

About Organiser

JNU

Over the years since its inception, Jawaharlal Nehru University has earned for itself the prestigious banner of being a premier university with the unique model of interdisciplinary teaching and research. JNU has been in the forefront of multidisciplinary research on several critical issues that India faces be it in health, education, environment, energy, national security, defence, fundamental sciences, and social sciences. It has a proud tradition of policy research and has produced a distinct body of knowledge in major fields. The Institute is committed to consistently promote and maintain the higher standards of education in our country striving to be at par with global excellence. The contribution of students and faculty has been outstanding in building this heritage of Jawaharlal Nehru University. In addition, JNU has produced eminent leaders in the fields of politics, bureaucracy, science and civil society. Coming from all walks of life and from different regions of the country and abroad, JNU community strives together to provide an enabling environment for all to achieve their full potential.

SHAKTI

A National Movement for Women, (An entity of Vijnana Bharti VIBHA) pursuing a holistic approach in rejuvenating our society, through conspicuous change in societal mind-set so that both men and women can come together and complement each other for a progressive future. SHAKTI tries to ensure the involvement of women from various fraternities to formulate and design the beneficial mechanisms and systems for the various women empowerment, with the efficient and proven contrivance of Science and Technology. SHAKTI has been progressively spreading its wings to almost all states in India and aspiring global reach.



UNNAT BHARAT ABHIYAN (UBA)

UBA is a national flagship program of the Ministry of Human Resource Development (MHRD), hosted and coordinated by IIT Delhi. It is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. Its mission is to enable higher educational institutions to work with the people of rural India in identifying development & challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both.

Steering Committee

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(Hon. Vice Chancellor, Jawaharlal Nehru University)
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(President, Vijnana Bharati)

Chairperson

Dr. Renu Swarup
(Secretary, Department of Biotechnology,
Government of India.)

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(Rector III, JNU)
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(Registrar, JNU)
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(Coordinator, CRDT-IIT Delhi)

Shri A Jayakumar
(Special Advisor, VIBHA)
Dr. Sudha Tiwari
(President SHAKTI, Scientist, MGIRI, Wardha)
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Organising Committee

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(Asst. Professor, Department of Biotechnology, JNU.)

Co Convenor

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Dr. Leena Bavdekar (Secretary SHAKTI)

Organising Jt Secretaries

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AIRF, JNU(Delhi)
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Assistant Professor, SRCASW, Delhi University

Chief Coordinator

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Prof of Zoology, (Jaipur) SHAKTI Unit incharge
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(Goa) State President, Pragna SHAKTI
Prof. Aruna Pandey
(Prof. of Zoology, MHKL SHAKTI)
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Members Organising committee

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Vidyapeetha, New Delhi

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Mrs. Suman Tak, Entrepreneur

Mrs. Preeti Tiwary

President, SHE society of health and Empowerment of
Women

National Conference & Expo

April 4 to 6, 2020
Jawaharlal Nehru University, New Delhi



Important Dates

Mega EXPO	4 - 6 April 2020 (Inauguration on 4 th of April 2020)
Conference	5 - 6 April 2020
Poster Gallery	5 - 6 April 2020
Last date for Registration	5 March 2020
Last date of Abstract submission	28 February 2020
Intimation of accepted Abstract	05 March 2020

Last date for submission of fullpapers of accepted Abstracts for paper or poster
15th March 2020

Sister Nivedita



28 October 1867 - 13 October 1911

Instead of merely learning modern science, she has to prove herself able to apply the methods of modern science to the solution of some of its unsolved problems. Instead of merely accepting other men's steamships and mechanical contrivances, she has to produce great inventors who will add to the convenience and potentiality of life. Instead of enjoying a foreign literature, she has to pour in to that literature masterpieces of a new type. Instead of admiring national evolution and heroic leaders in other countries, she has to consolidate her own forces and bring forth her own heroes, to constitute an army of nationality on her own soil.



Dr. Sudha Tiwari

President Shakti

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