

organised by



Trade Promotion Council for Geospatial & Space Industry
Accelerating Adoption of Geo-Space Technology

भू-स्थानिक एवं अंतरिक्ष उद्योग व्यापार संवर्धन परिषद

In Association with



WO-MEN
TRAILBLAZER
AWARDS

Soaring beyond the PIE in the SKY

20 MARCH 2024

INDIA INTERNATIONAL CENTRE

NEW DELHI

THE PIONEERS

Those who treaded the unconventional path



Anandibai Gopalrao Joshi
(1865-1887)

First Indian female to study and graduate with a degree in western medicine from the United States (1886). She is believed to be the first woman to set foot on American soil from India

Kadambini Ganguly
(1861-1923)

The first Indian woman to get admission to Calcutta Medical College (1884), becomes India's first female doctor & practitioner (1886) of western medicine in the whole South Asia



Mary Poonen Lukose
(1886-1976)

The first female Surgeon General in India, (1938). She became the first woman obstetrician of India



Bibha Chowdhary
(1913-1991)

First woman high energy physicist of India and the first woman scientist at the TIFR (1948). The International Astronomical Union honored her by naming a white yellow dwarf star after her name



Edavaleth Kakkat Janaki Ammal
(1897-1984)

Renowned botanist & plant cytologist, made significant contributions to genetics, evolution, phytogeography and ethnobotany. First Director of the Central Botanical Laboratory at Allahabad, 1952

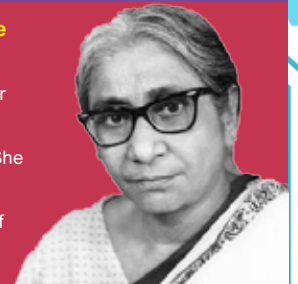
Kamala Sohoni
(1911-1998)

First Indian woman to receive a PhD in a scientific discipline. She discovered the enzyme 'Cytochrome C' which plays an essential role in the electron transport chain occurring in plants, human and animal cells for energy synthesis



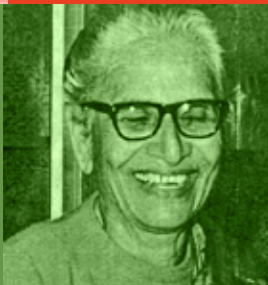
Asima Chatterjee
(1917-2006)

The first woman to be awarded a Doctor of Science by an Indian University (Calcutta) in 1944. She was the first woman to be elected as the General President of the Indian Science Congress



Iravati Karve
(1905-1970)

First Indian female anthropologist. She founded the Department of Anthropology at the University of Pune in 1963. She also held the post of the Vice-Chancellor of SNDT University



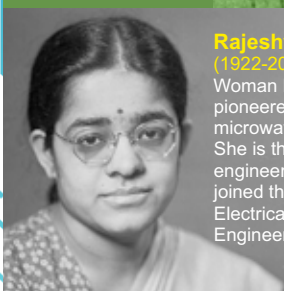
Debala Mitra
(1925-2003)

First Indian archaeologist served as Director General of the Archaeological Survey of India, 1981. She explored and excavated several Buddhist sites



Purnima Sinha
(1927-2015)

An Indian physicist who received a doctorate in physics under the guidance of Prof Satyendra Nath Bose. She did tremendous work in the field of x-ray crystallography of clay minerals



Rajeshwari Chatterjee
(1922-2010)

Woman Engineer who pioneered research in microwave engineering. She is the first woman engineer at IISc who joined the Department of Electrical Communication Engineering (ECE)

Anna Mani
(1918-2001)

First woman to join the Meteorological department in Pune, 1948. Her major contributions are in the field of solar radiation, ozone and wind energy instrumentation



Kamal Ranadive
(1917-2001)

Established India's first tissue culture research laboratory at the Indian Cancer Research Centre in Mumbai, 1960. She was among the first to recognise the connection between cancer susceptibility and the interaction between hormones and tumour virus



Milestones of Women in Indian Science

1848

Savitribai Jyotiba Phule
First female teacher of India who founded the first girls' school

1881

Lady Abala Bose
First Indian woman to study medicine at Madras University

1883

Chandramukhi Basu & Kadambini Ganguly
Calcutta University produces the first two women graduates in India

1886

Anandibai Gopalrao Joshi
First Indian female doctor of western medicine

Ramabai Ranade
Set up first girls' high school in Pune

1926

Begum Rokeya Sultana
Pioneer in Women's Educational Rights in India

1917

Jagadish Chandra Bose & Lady Abala Bose
Basu Bigyan Mandir (Bose Institute) established

1910

Sarala Devi Chaudhurani
Established first women's organization Bharat Stree Mahamandal for promoting female education

1894

Rukhmabai Raut
The second woman to both receive a medical degree and practice medicine

1888

Chandramukhi Basu
First female head of an undergraduate academic establishment in the South Asia

1938

Mary Poonen Lukose
First female Surgeon General in India

1939

Kamala Sohonie
First Indian woman to receive a PhD in a scientific discipline

1939

Iravati Karve
First Indian female Anthropologist

1943

Ayyalasomayajula Lalitha
India's first woman engineer

1944

Asima Chatterjee
First woman to be awarded a Doctor of Science by an Indian University – Calcutta University

1948

Anna Mani
First woman joined the Meteorological department in Pune

1961

Asima Chatterjee
First female recipient of a Shanti Swarup Bhatnagar Prize in Chemical Science Category

1960

Kamal Ranadive
Established India's first tissue culture research laboratory at the Indian Cancer Research Centre in Mumbai

1952

Rajeshwari Chatterjee
Built the first microwave research laboratory of India at IISc Bangalore

1949

Hansa Mehta
First woman Vice-Chancellor of Baroda University

1948

Bibha Chowdhary
First woman High Energy Physicist of India and first woman scientist at TIFR

1961

Satyavati M Sirsat
Founder and President of the Electron Microscope Society of India

1968

Hiriyakkanavar Ila
First woman to receive the PhD from Indian Institute of Technology (IIT), Kanpur

1975

Archana Sharma
First female received the Shanti Swarup Bhatnagar Prize in the Biological Sciences category

1977

Edavaleth Kakkat Janaki Ammal
First Indian scientist to have received the Padma Shri Award

1978

Kiran Mazumdar Shaw
First Woman Science Entrepreneur

1981

Bimla Buti
First Indian woman Physicist Fellow of Indian National Science Academy (INSA)

1995

Manju Sharma
First Woman Secretary of Department of Biotechnology

1994

GV Satyavati
First woman Director General of ICMR

1991

Sudipta Sengupta
First woman Geologist to receive the Shanti Swarup Bhatnagar Award in the Earth Sciences category

1983

Indira Nath
First woman Immunologist to receive the Shanti Swarup Bhatnagar Award in the Medical Sciences category

1981

Debala Mitra
First woman Director-General of the Archaeological Survey of India

2001

Ketayun Ardeshir Dinshaw
Padma Shri for contribution in evolution of cancer treatment and radiation therapy

2005

Archana Bhattacharyya
First woman Director of Indian Institute of Geomagnetism, DST

2006

Sujatha Ramadori
First Indian Mathematician to win the prestigious ICTP Ramanujan Prize

2011

Tessy Thomas
First woman scientist to head a missile project in India

2015

Renu Swaroop
Establishment of India's largest microbial resource centre, Microbial Culture Collection

Sanghamitra Bandopadhyay
First woman Computer Scientist & Director of the Indian Statistical Institute

2020

Jyotirmayee Dash
Youngest woman scientist to receive Shanti Swarup Bhatnagar Award in Chemical Sciences

Chandrima Saha
First woman president of the Indian National Science Academy (INSA)

GC Anupama
First woman President of the Astronomical Society of India (ASI)

2019

Neena Gupta
Youngest person to ever receive the Shanti Swarup Bhatnagar Prize at the age of 35

Gagandeep Kang
First Indian woman to be elected as a Fellow of the Royal Society

2018

Aditi Sen De
First female physicist awarded the Shanti Swarup Bhatnagar Prize

2017

Soumya Swaminathan
First Indian to become WHO's Deputy Director General, and also its first chief scientist



About Wo-men Trailblazer Awards

The "Women Trailblazer Awards in Geospatial and Space Industry" is a premier event dedicated to honoring the outstanding accomplishments of women in the geospatial technology and space science sectors. Celebrating leadership, innovation, and excellence, these awards serve as a beacon for the extraordinary contributions of women who have broken barriers and paved the way for progress.

This event not only recognizes achievements in diverse categories such as technology, entrepreneurship, and research but also actively promotes diversity and inclusion within the industry. It provides a unique platform for networking, collaboration, and knowledge sharing among professionals, organizations, and enthusiasts in the geospatial and space community.

Judged by a distinguished panel of experts, the Women Trailblazer Awards aim to inspire future leaders, foster a supportive community, and contribute to the ongoing growth and success of the geospatial and space sector. By highlighting the stories of these trailblazing women, the event inspires innovation, encourages partnerships, and shapes the landscape of the industry for years to come.





Women Trailblazer Awards

Categories

Leadership Excellence: Recognizing women who have demonstrated exceptional leadership skills in the geospatial and space industry.

Innovation and Technology: Celebrating women who have made significant contributions to technological advancements or innovative solutions in geospatial and space-related fields.

Research and Development: Highlighting women researchers and scientists who have contributed significantly to advancements in geospatial technologies or space exploration.

Entrepreneurship: Recognizing women entrepreneurs who have founded successful businesses or startups in the geospatial or space sector.

Education and Outreach: Acknowledging women who have played a crucial role in educating and inspiring others in the geospatial and space industry.

Advocacy and Public Service: Recognizing women who have made an impact through advocacy, policy work, or public service related to geospatial and space issues.

Environmental Sustainability: Highlighting women who have contributed to environmentally sustainable practices or solutions within the geospatial and space domain.

Jury Members



Dr. Seema Mehra Parihar
Chairperson : Women Council, TPCGSI
Fellow- Institute of Eminence, DU
Prof. Kirori Mal College, DU



Lt Gen RKS Kushwaha, PVSM, AVSM (Retd.)
Chairman - Council for Geo-Space Defence
Former DG - Ordnance Services



Swati Grover
Visiting Faculty & Geo Consultant
& Co-Founder - DRRF



Dr. Mukta Girdhar
Sr. Consultant
DDMA, Govt. of Delhi



Prof. (Dr.) Deepak Lal
Prof & Head - Centre for Geospatial
Technologies (RS & GIS) SHUATS

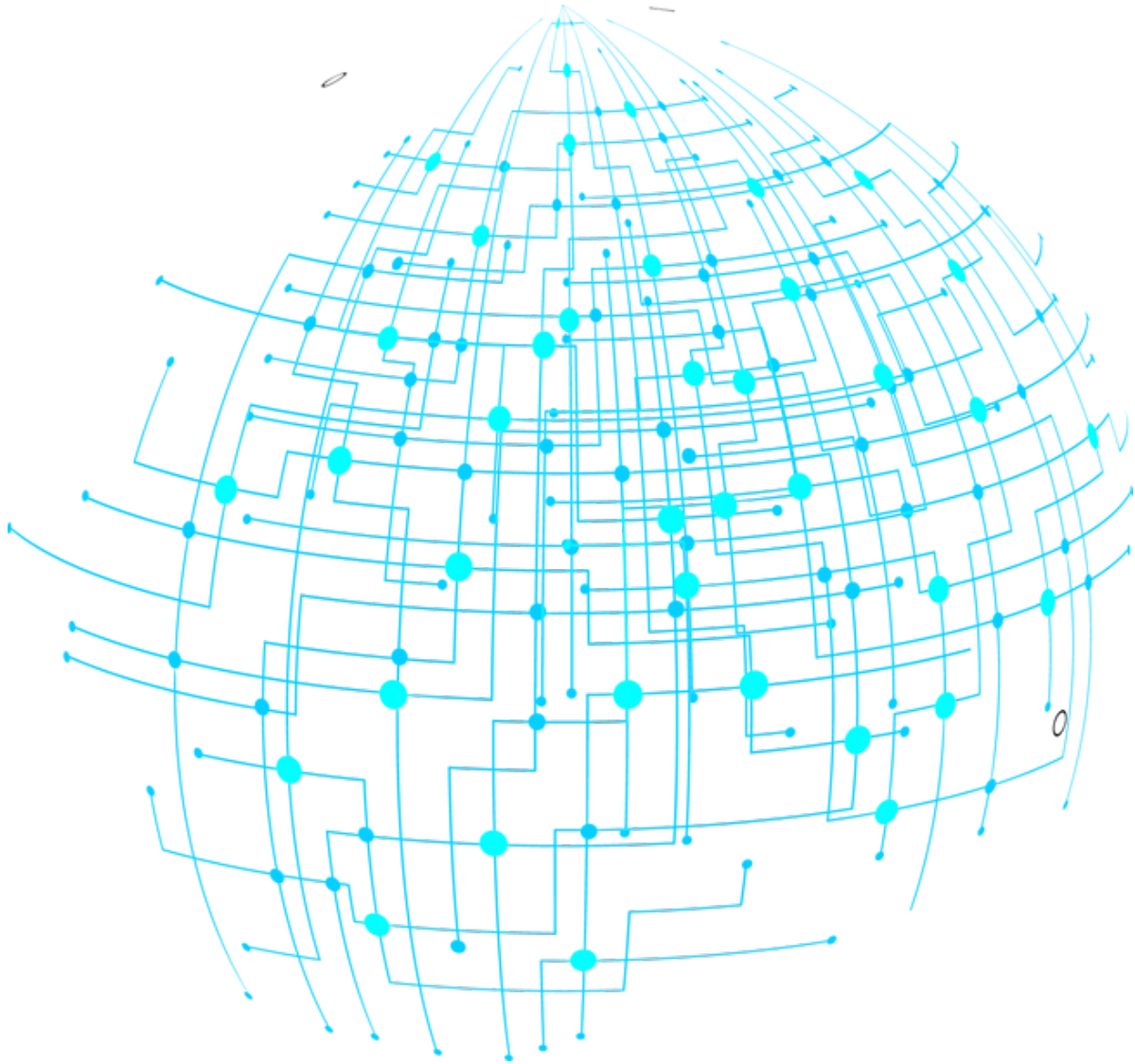


Dr. Yogita Shukla
Founder - Wo-Men Geospatial Coterie
Founder & CEO - addGEO Foundation



Prof. (Dr.) R.S. Yadava
Head - Deptt. Geography (Retd.)
Banaras Hindu University (BHU)





For Further Information please contact

Sanjay Singh
+91 9910990553
ddg@tpcgsi.com

Ashwani Bakshi
+91 8283808119
dg@tpcgsi.com



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117, Pocket 7, Sector 21, Rohini, New Delhi - 110086, India
Phone: +91 11 49537623 | eMail: dg@tpcgsi.com | Web : www.tpcgsi.com

WWW.TPCGSI.COM