

महात्मा गाँधी चित्रकूट ग्रामोदय विश्वविद्यालय
चित्रकूट, जिला -सतना (म.प्र.)

National Seminar

on

**New Dimensions of Life Sciences in the
Perspectives of Sustainable Development Goals
& 12th Annual Session of Society of Life Sciences
(Hybrid Mode)**



February 8-9, 2023

Organised by

**Mahatma Gandhi Chitrakoot Gramodaya
Vishwavidyalaya Chitrakoot, Satna (MP)**

In Association with



Bhopal Chapter, NASI

Society of Life Sciences

MPCST, Bhopal

ABOUT THE SEMINAR

New Dimensions of Life Sciences in the Perspectives of Sustainable Development Goals

The increasing population will need more efficient and sustainable methods to grow foods, supply pure water, maintain the health of soil, animals on land and water, aquatic flora and fauna, livelihood and human health. For the Intensive agriculture more and more fertilizers, weedicides and broad spectrum insecticides etc. have been used to gain higher yields from limited land resources which ultimately volatilize in air, soil and water as well. After reaching in different biota they can cause destructions like environmental degradation in the form of loss of soil fertility, water scarcity and air pollution, loss of biodiversity and often causes indirectly adverse impact on human health. The global warming due to green house gases also influences the flora and fauna, agriculture and even on human and animal health. The innovative research programs required to fulfill the need of fresh air, pure water, healthy foods, without disturbing biodiversity, soil, water and air quality on our planet. The **Prime Minister Hon'ble Sri Narendra Modi** announced “**Atmanirbhar Bharat**” in 2020 and states that India Self Reliance is concerned for whole world's happiness, cooperation and peace.

United Nations Members decided **17 Sustainable Development Goals (SDGs)** which are an urgent call for action by all developed and developing countries in a global perspective. They recognize **SDG 14 as life below water and 15 as life on land**. By 2025, prevent and reduce all kinds of marine pollution in particular from land based activities, effectively regulate harvesting and stop illegal overfishing.

Increase scientific knowledge, develop research capacities and transfer marine technology in order to improve ocean health and to increase the contribution of marine biodiversity to the development of developing countries. Enhance the conservation and sustainable use of ocean and their ecosystem. The main target of SDG 15 is sustainably manage forest, halt and reverse the land degradation and biodiversity loss, increase afforestation and reforestation globally. Take urgent and significant action to reduce the degradation of natural habitats, protect and prevent the extinction of threatened species, significantly reduce the impact of invasive alien species. Mobilizing and increase financial resource to conserve and sustainable use of biodiversity and ecosystems.

On the behalf of organizing committee of National Seminar on new Dimensions of Life Sciences in the Perspectives of Sustainable Development Goals, I am delighted and honored to invite all the national dignitaries and delegates to this seminar to be held in Chitrakoot, the spiritual heritage of central India. I am sure that this seminar would provide a platform for the sharing of scientific findings, exchanging of ideas, and render strong networking opportunities for Sustainable Development Goals.

Seminar Themes

- Biodiversity Conservation
- Plant Genetic Resources
- Forest Biodiversity
- In situ and ex situ conservation
- Restoration of Ecosystems
- Animal Genetic Resources
- Aquatic Resources and their Conservation

- Aquatic Animal Health
- Fish Genetics
- Food Nutrition and Human Health
- Sustainable Agriculture
- Organic Farming
- Traditional Agriculture
- Recent trends in Disease and Pest Management
- Soil Health Monitoring and management practices
- Water Conservation
- Renewable Energy
- Impact of Climate Change
- Sustainable Development Goals

ABOUT THE UNIVERSITY...

The first formal Rural NAAC accredited 'A' grade university of country was established by Bharat Ratna, Rashtra Rishi, Sri Nanaji Deshmukh named as Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya (MGCGV) on 12th Feb. 1991 through Govt of M.P. Act. The poverty eradication has been one of the major objectives of the development and planning process. Its eradication is integral part of the sustainable development.

ABOUT CHITRAKOOT...

Chitrakoot is an idyllic pilgrim resort associated with Lord Rama that witnessed the historical moments of Ram- Bharat meet. The pilgrimage has also been a center of education and research since Mahrshi Atri and Ma Anusuiya, who established a famous Gurukul in Chitrakoot. It is one of the famous places of pilgrimage of Hindus in India and surrounded by lush green hills of legendary Vindhya range. Since times immemorial, it is famous for its religious importance, elegant environment and spiritual peace. Chitrakoot is also well known for its beautiful hill ranges, historical caves, perennial streams and varied flora and fauna.

ABOUT THE NATIONAL ACADEMY OF SCIENCES INDIA (NASI).....

The National Academy of Sciences, India, the oldest Science Academy of India with the largest pool of distinguished academics, researchers, scientists and technologists, over and above its role in terms of nurturing and leveraging an eminent peer group to address relevant policy issues and nurturing application oriented research and innovation, distinguishes itself in terms of its Science & Society programmes. The 'Science Education /Communication programmes' are being organized by NASI along with its 21 Chapters spread in throughout the country.

ABOUT MP COUNCIL OF SCIENCE AND TECHNOLOGY

Madhya Pradesh Council of Science and Technology, nodal of the Department of the Science and Technology, Govt. of India in M.P. was instituted in 1981 with a view to optimize sustainable development of the state through Science and Technology. Some of the objectives of the council are to identify areas where science and technology input is required for progress of the state in development sectors, to contribute towards development of scientific and technological capability in the state, to ensure better utilization of resources of the state and to promote modernization of the State.

ABOUT SOCIETY OF LIFE SCIENCES

The Society of Life Sciences (SLS) was established in 2004. It is the registered society open to everyone, who has an interest in the field of the Life Sciences. The Society provides a forum for the publication of basic and applied researches in Life Sciences in the field of Animal Science, Plant Science, Microbiology, Biotechnology, Environment and Medical Science. Society is regularly publishing two peer reviewed biannual journals *i.e.* **National Journal of Life Sciences** and **Life Science Bulletin from 2004**. The on line version is also available at www.slsjournals.com. The Society awarded Citation, Medals and encouragement awards to research students, senior and young scientists to encourage their best presentation throughout the country in more than thirty institutions. The Society has given **Fellowship (FSLSc)** to its selected life members in every year after the evaluation of their contribution. Not only this, the excellence in such areas recognized by Society, by giving them awards for reputed Senior Scientist awards in the memory of doyens of Life Sciences. The Society conferred also **SLS Recognition Award, SLS Best Scientist Award and Life time Achievement Award** (for senior/retired academicians), who are actively engaged in the service of Life sciences.

Proposed Awards given by Society of Life Sciences (SLS) during 12th Annual Session

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|-----------------------------------|--------------------------------|
| • Prof. G. B. Shinde Medal | Prof. Baba Jadhav Medal |
| • SLS Lifetime Achievement Award | SLS Recognition Award |
| • SLS Best Scientist Award | SLS Young Scientist Award |
| • Best Oral Presentation Award | Best Poster Presentation Award |

The Fellow members of the Society, who are interested for SLS awards 2023 are requested to submit their Brief Biodata and list of the best five publications to **Dr. A. K. Pandey, Working President SLS** or Prof. Shivesh Singh, General Secretary SLS, on E-mail. societyoflifescience@gmail.com

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Committee

Chief Patron

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Organising Secretary Prof. Ramesh Chandra Tripathi <i>Director Research, MGCGV</i>	Co-organising Secretary Prof. Surya Kant Chaturvedi <i>Incharge ICT Cell</i>

Publication of Paper

Full length paper with abstract (original & unpublished research work) is invited to be sent via E-Mail, given below, to the General Secretary. The abstract shall not exceed 250 words (M.S. Word, 1.5 spacing, 12 font size in Times New Roman font). The paper must carry the name and address of author(s) along with their affiliation including contact number and e-mail. Oral presentation will strictly be limited to 5-10 min including 2 min for discussion. For Poster presentation the size should be 1.2 x 1.0 meter.

The acceptance after peer review shall be communicated by e-mail.

Registration Fee Details

Participants	Up to 30 January 2023	Spot Registration
Faculty and Scientists	2000	2500
Research Scholar/Guest Faculties	1000	1500
PG Students	500	1000
Corporate	5000	5500

Accommodation:

Limited number of accommodation is available in the MGCGV, Chitrakoot. Accommodation will be provided on payment basis with prior intimation. AC rooms will be available on prior request with payment.

Tariff/Night (in Rs.)

AC Double Bed room	2500
AC Double Bed room-Sharing basis	1500
Non AC- Double Bed room	1000
Single Bed room	800
Guest House-Sharing basis	500
Hostels	300

Bank Account Details

Name of Beneficiary: Registrar

Account no. : 22470490084

IFSC: IDIB000M501

Bank name and Branch: Indian Bank, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalay, Chitrakoot, M.P.

Link for online Registration: <https://forms.gle/P6Zm1FR7zqKV3ftg9>

Important Dates

Registration Starts: 2nd January 2023
Last Date for receipt of Registration: 30th January 2023
Last Date for receipt Abstract/ Papers: 2nd February 2023

Contact Persons

Prof. R.C. Tripathi- 9450783615/ 9565049410

Dr. Ravindra Singh- 9589270058

Prof. S K Chaturvedi- 9450607094

Contact Email: ndlssd2023@gmail.com

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12th Annual Session of Society of Life Sciences**

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Registration Form**

Registration Link: <https://forms.gle/P6Zm1FR7zqKV3ftg9>

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Chapter, NASI**



**Society of Life
Sciences**



**MPCST,
Bhopal**

Name:.....

Designation:.....

Address:.....

.....

Phone/ Mobile:

Fax:.....

Email:.....

Preferred Mode of Presentation: Oral Poster

Title of Presentation:

.....

.....

Theme Area:

Preferred Mode of Participation: Offline Online

Registration Fee Paid with transaction details:

.....

Accommodation Required: Yes No

Amount: **Date:**

Demand Draft no. / transaction no.

Date:

Signature

Note: *The filled registration form along with abstract can
kindly be sent to ndlssd2023@gmail.com*