



ISSR Policy

**Govt. Holkar
(Model Autonomous)
Science College,
Indore (M.P.)**



Version : 1.0

Govt. Holkar (Model, Autonomous) Science College, Indore (M.P.)



Dr. Suresh T. Silawat

Principal

Govt. Holkar (Model Autonomous) Science College, Indore

FOREWORD

Heading a premier scientific institution in Central India, it is my privilege as well as my responsibility to extend the realm of Science and Technology to the common man, and help in building a strong scientific community and society so that we can build a scientifically driven community that can fulfill our dream of '**Swarneem and Atmanirbhar Bharat**'.

The institute will certainly lead in hand holding and nurturing the scientific acumen of the students. As envisaged, this will not only lead to sharing of S & T resources in the local region but also promote sharing of facilities at the National level. This will definitely enrich both the knowledge and skill components. It will also lead to the incubation of effective scientific interventions and innovations. This will lead to women's empowerment and extend support to women by popularizing science in society.

The exchange of ideas that takes place in such an association, opens up new avenues for scientific exploration. I hope the policy will serve the purpose of reinforcing our belief that the mingling of science and society can work wonders for the progress and advancement of both stakeholders. We believe in sharing knowledge and scientific insights with society and bringing about a gradual but positive change in the framework of the society.

Dr. Suresh T. Silawat
Principal

Vision and Mission of the Institute

Vision:

To make our youth the torch-bearer of knowledge, and to continue the rich legacy of imparting scientific education and groom them on an intellectual, social and humane platform.

Mission:

- To create an innovative ecosystem for the promotion of scientific temperament.
- To enrich the academics with state-of-the art technology and innovation at par with the global standards.
- To impart Skill-based training relevant to local and global needs.
- To develop a well-groomed and empowered youth.
- To nurture a socially responsible and value-driven generation.

Institutional Scientific Social Responsibility Policy

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Institutional Scientific Social Responsibility Policy (ISSR)

*Department of Science and Technology, Government of India, released its **Scientific Social Responsibility (SSR) Guidelines on 11th May 2022** to ensure greater amalgamation of science and technology at the societal level with special emphasis on institutional and individual level activities. SSR is the confluence of scientific knowledge, social conscience, and visionary leadership qualities, for which Indian civilization and culture have been known for many millennia. Thus, as envisioned in United Nations Sustainable Development Goals here by we draft a framework at the institutional level to facilitate this amalgamation of science and society and create synergy among all its stakeholders, thereby ensuring the beneficiary transfer of scientific knowledge to society.*

Preamble:

This policy document is recognized as the “**Institutional Scientific Social Responsibility Policy (ISSR)**” of the Government Holkar (Model, Autonomous) Science College, Indore, M.P. and drafted as per the guidelines of DST, Govt. of India.

Aims and Scope:

As mentioned in the Constitution of India, it is the fundamental duty of every citizen of India to develop a scientific temper. Therefore, being an illustrious Higher Educational Institution catering scientific education to urban, semi-urban and rural students in the Indore region, it is necessary for scientists and educationists to educate the society at large and innovate such practices and policies that would positively influence the world, besides working to generate new knowledge.

Objectives & Envisaged Outcomes:

The objective of SSR is based on the moral and ethical obligation of the scientific community to give back the benefits they derive from science to the lesser privileged stakeholders of Science, Technology, and Innovation (STI) and society. ISSR, an institutional mechanism, is a noteworthy headway to reach out to the broadest spectrum of stakeholders of S&T with knowledge, human resources, and infrastructure to make effective use of existing assets for the benefit of society.

This ISSR Policy aims at creating a scientific ecosystem that would evolve into a symbiotic association between the scientific community and the society so that we can build a more scientifically driven community that can fulfill our dream of '**Swarneem and**

Atmanirbhar Bharat'.

As envisioned by the policymakers, working at a ground level for exploring innovative scientific solutions for community issues, will definitely open up newer dimensions that can benefit society at large. This will be instrumental in encouraging the students into science. The institute will certainly lead in handholding and nurturing the scientific acumen of the students. As envisaged, this will not only lead to sharing of S & T resources in the local region but also promote sharing of facilities at the National level. This will definitely enrich both the knowledge and skill components. This will also lead to the incubation of effective scientific interventions and innovations. This will also lead to the empowerment of women at large and taking care of a disadvantaged section of society. The specific outcomes of these initiatives will definitely expand the realm of science and lead towards the attainment of Sustainable Development Goals (SDGs)- 2030 and Technology Vision 2035 and address the fulfillment of social, developmental and environmental requirements for better earth to live in.

Committee

For all the activities college has an “Institutional Scientific Social Responsibility” committee. For effective implementation, the Committee has the following constitution:

- Chairman: Principal
- Convener: A senior Professor
- Members: 3-4 faculty members / Alumni/ Industry Representative
- Student Representatives: 01 or 02

Role and responsibility of the Institution:

This policy is being recognized as an extension of “Institutional Social Responsibility (ISR)”, therefore being an educational and scientific institution, we have designed a strategic plan for creating an effective ecosystem for institutionalizing and optimal utilization of the institutional assets with the objective of popularization of scientific temper in the society.

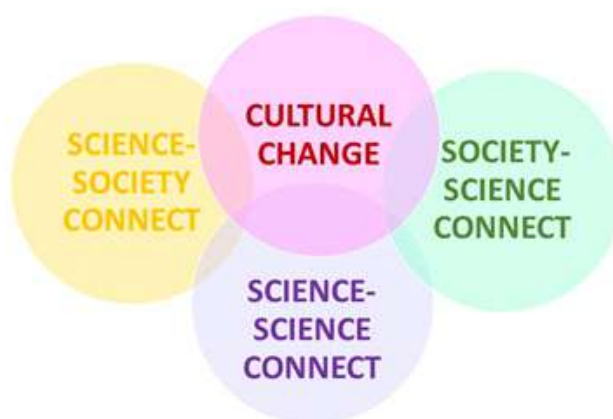


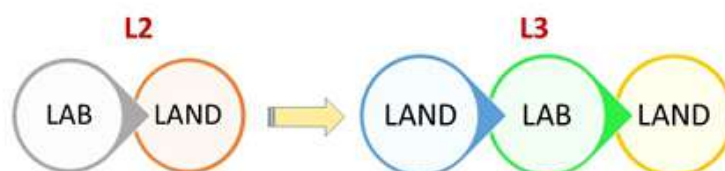
Figure: Bridging gaps for an accelerated pace for achieving social goals.

Science-Society Connect: The institute will act as a facilitator for nurturing the inclusive and sustainable development of the society based on their requirements.

Science-Science Connect: The institute will facilitate a conducive environment, for intra-collaborative efforts within its knowledge ecosystem for the idea and resource sharing.

Society- Science Connect: The institute will contribute to this by adopting social entities such as colonies, and nearby villages and collaboratively engaging in identifying their needs and difficulties with scientific, technological and sustainable solutions. As per the SSR, DST-GoI, the journey from expertise to the application should be elevated from *“the traditional L2 approach (Lab to Land Solutions) to be replaced by the journey from experience to expertise and then to applications through the modernized L3 approach (Land to Lab to Land Solutions)”*.

Traditional L2 to Modernized L3 Approach



Cultural Change: Nurturing of scientific temperament among individuals and institutions as a central goal, Holkar Science (Model, Autonomous) Science College, Indore will do its best to align its social endeavors to define its responsibility towards attaining the designated sustainable development goals by the United Nations Organization.

Guidelines & Implementation of the Policy:

- The institution should constitute an ISSR assessment cell that will periodically assess the departmental activities and publish its mid-term/annual ISSR report.
- Every Department is expected to contribute at least three outreach activities to fulfill its Scientific Social Responsibility in a session.
- The activities' objective should be focused on bridging the gap between society and science.
- Such activities would be above and over their routine work and as per the SSR-DST, GoI guidelines, will be duly acknowledged in their annual performance appraisal.
- The activities should aim at expanding the realm of Science for the betterment of the community.
- Any activity can be chosen from the enlisted 17 broad activities as mentioned under

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DST guidelines. They may include:

1. Promotional lectures can be arranged in schools and colleges to inspire students to take up career in science.
2. Mentoring school students for innovative scientific practices and projects.
3. Organizing visits to various laboratories, Science laboratories, planetariums etc.
4. Providing training for skill enhancement and upgrading scientific knowledge.
5. Creating an ecosystem for cooperation and sharing of S & T resources in laboratories with other researchers in colleges and universities.
6. Promoting skill development through various training and workshops.
7. Delivering simplified scientific talks on popular themes and topics to create scientific awareness and eradicate superstition.
8. Facilitating scientific intervention in rural innovation.
9. Special focus on empowering women is to be taken care of.
10. The actions related to the promotion of ISSR should lead to the attainment of predefined Sustainable Development Goals (SDGs) of the United Nations Organization.
11. No outsourcing or sub-contracting of ISSR activities and projects will be permitted.
12. Use of a variety of visual and performing art forms to create awareness of science in society.
13. Sharing of infrastructure and knowledge resources such as types of equipment and other resources and facilities related to research.
14. Encouraging in-house competitions for converting some important research problem or work into popular science articles /stories in print as well as electronic media.
15. Capacitance building in writing professional research articles and thesis writing.
16. Collaborating with NGOs for the use of science and technology for handling societal challenges.
17. Inculcating SSR philosophy amongst young scientists by providing incentives to them.

Mobilization of Resources

The budgetary support for mobilizing such activities will be arranged as and when required either by an in-house arrangement or will be managed by generating CSR funds or by any other resources.

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Amendments

- The Institute shall examine its “Institutional Scientific Social Responsibility” on a regular basis and change it as necessary to comply with national policies and directives issued by competent apex bodies.
- Pertaining to any contradiction in any Policy of the Institution, the later revised policy will take precedence.

Publication of Institutional Scientific Social Responsibility Policy

The Institutional Scientific Social Responsibility Policy shall be widely publicized among the Institute's stakeholders with all the possible means, as well as prominently displayed on the Institutional Website to attract the attention of concerned stakeholders.

Important links:

- [SSR Guidelines 2022.pdf](#)
- <https://www.tifac.org.in/index.php/reports-publications/reports-2010-onwards/tv-2035-reports-2>

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वसुधैव कुटुम्बकम्
[Vasudhaiva Kutumbakam]

FINISHING GOAL



STARTING GOAL

Our SDG-2030 Goals Tree

कल्पवृक्षः

