



महाविद्यालय अनुसंधान एवं नवाचार प्रकोष्ठ

College Research & Innovation Cell

शिवाजी कॉलेज (दिल्ली विश्वविद्यालय)

Shivaji College (University of Delhi)

नई दिल्ली - ११० ०२७

New Delhi - 110 027



**Activities 2024-25**

# Members of College Research and Innovation Cell



- Dr. Prabuddh Kumar Mishra, Convener
- Dr. Abhijeet Mishra, Department of Biochemistry
- Dr. Rangnath Ravi, Department of Chemistry
- Dr. Amit Kumar Srivastava, Department of Geography
- Prof. V. Prabhavathi, Department of Botany
- Dr. L. Thansanga, Department of Physics
- Dr. Sunita Singh, Department of Biochemistry
- Dr. Nidhi Tyagi, Department of Chemistry
- Dr. Jitendra Kumar Chaudhary, Department of Zoology
- Dr. Nidhi Garg, Department of Zoology
- Dr. Neeru Sharma, Department of Physics
- Ms. Anshula Upadhyay, Department of English
- Ms. Sunita – Department of Mathematics
- Dr. Tsewang Namgial, Department of Zoology
- Dr. Devender Singh Meena, Department of Botany

# Vision and Mission

## Vision

To foster a culture of research, innovation, and academic excellence by empowering students and faculty to explore, discover, and contribute to knowledge creation and societal development through cutting-edge research, collaboration, sharing of knowledge, innovative practices, skills and creative solutions.

## Mission

The main objective of the Cell is to nurture research culture among the faculty members and students by encouraging them to pursue research-based activities in newly emerging and challenging areas.

To cultivate a dynamic research environment that encourages interdisciplinary collaboration and nurtures curiosity, critical thinking, and creativity.

To provide mentorship and support for innovative research initiatives, guiding students and faculty in contributing impactful knowledge across diverse academic fields.

To bridge the gap between academic research and real-world applications, addressing societal, technological, and environmental challenges.

To create opportunities for partnerships with industries, academic institutions, and government bodies to enhance the scope and impact of research and innovation.

To facilitates and supports the faculty to undertake research projects from various funding agencies.

# Objectives

**Promote Research Culture:** Encourage faculty and students to actively engage in research activities, fostering a strong research mindset within the college.

**Facilitate Interdisciplinary Projects:** Support and promote interdisciplinary research collaborations to address complex global and local issues through diverse academic perspectives.

**Mentorship and Capacity Building:** Provide training, workshops, and mentorship programs to enhance research skills, innovation practices, and professional development among faculty and students.

**Innovation and Entrepreneurship:** Nurture innovative ideas and entrepreneurial spirit by providing platforms, resources, and support for translating research into practical and commercial applications.

**Establish Research Collaborations:** Build partnerships with external institutions, industries, and organizations to leverage resources, knowledge, and expertise, promoting collaborative research efforts.

**Encourage Publication and Dissemination:** Support faculty and students in publishing their research findings in reputable journals, conferences, and other academic platforms, ensuring their work contributes to the global body of knowledge.

**Fundraising and Grants:** Identify and secure funding opportunities from various governmental and non-governmental agencies, supporting research projects and innovation-driven initiatives within the college.

**Promote Ethical Research:** Ensure that all research conducted under the Cell adheres to the highest ethical standards, fostering integrity and responsibility in academic work.

# Intramural Research Project sanctioned for session 2024-25

S. No.	MRP No.	Project Title	Thematic Area	Principal Investigators
1	MRP/2024-25/0006	Restoring and Integrating the Indian Knowledge System: A Perspective from the Bhagavad Gita	Indian Knowledge System	Dr. Monika, Dept. of Commerce
2	MRP/2024-25/0007	Revisiting Partition of India through Art and Literature	Art and Literature	Dr. Debosmita Paul Ms. Anshula Upadhyay Dept. of English
3	MRP/2024-25/0009	Analyzing the Socio-Economic Development and The Cultural Identity of Kol Tribe in Chitrakoot District of Madhya Pradesh	Sustainable Development and Environmental Studies	Dr. Usha Rani, Dept. of Geography
4	MRP/2024-25/0011	Exploring <i>Bacillus anthracis</i> and its Knockout Mutant Spores: A path towards safer Anthrax Vaccine	Health and Well-being	Dr. Renu Baweja Dept. of Biochemistry Dr. Jitendra Kumar Chaudhary, Dept. of Zoology
5	MRP/2024-25/0012	Microwave Assisted Efficient and Convenient Synthesis of Purine Analogues and Post-functionalization	Sustainable Development and Environmental Studies	Dr. Yogesh Kumar Prof. Anil Kumar Agrawal Dept. of Chemistry

# Srijan 2024-25



## Shivaji College (NAAC Accredited with 'A' grade) University of Delhi College Research and Innovation Cell and Institutional Ethics Committee



CORDIALLY INVITE ALL TEACHERS AND STUDENTS TO THE ANNUAL FESTIVAL  
**SRIJAN 2025**

DISTRIBUTION OF PROJECT COMPLETION CERTIFICATES SESSION 2022-23



**Prof. Pavnesh Kumar**  
School of Management  
Studies, IGNOU, New  
Delhi  
Topic: "Ethics in  
Research"



**Prof. Virender Bhardwaj**  
Principal, Shivaji College

**Dr. Anant Ram**  
Advisor, HEARP,  
New Delhi  
Topic: "Research  
Funding &  
Grants"



**Prof. Rabinarayan Samantara**  
Institutional Ethics Committee  
CONVENER

**Venue**  
Jijabai Audi I

**Date**  
12 Feb

**Time**  
10:00 am

**Dr. Prabuddh Kumar Mishra**  
College Research and Innovation Cell  
CONVENER

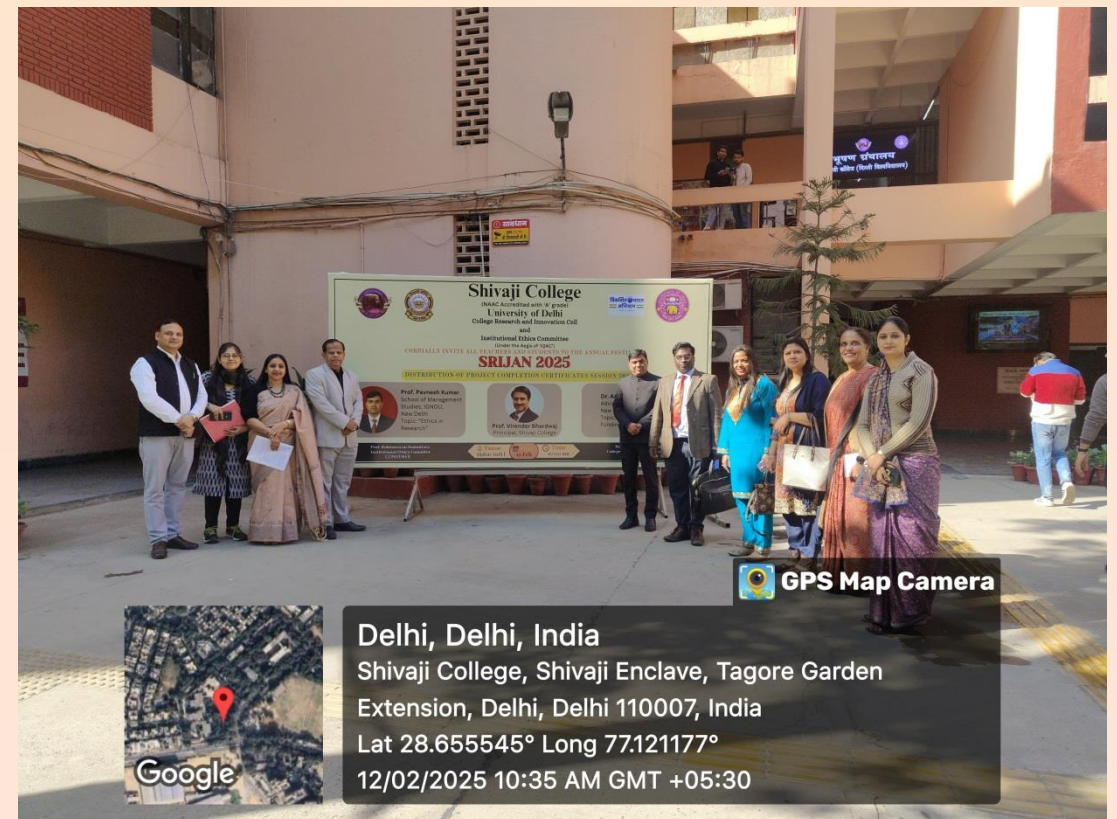
# Srijan 2024-25



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# **‘Shivraj 350: Multidisciplinary Journal**

*‘Shivraj 350: Multidisciplinary Journal’* of Shivaji College is an esteemed publication dedicated to fostering academic excellence and promoting cutting-edge research across diverse fields of study.

This Journal is committed to publishing high-quality research that enriches knowledge, cultivates critical thinking, and fosters innovative, practical solutions to real-world issues. Upholding academic rigour and integrity, Shivraj 350 adheres to the highest standards of peer review and ethical research practices, reaffirming its commitment to academic excellence. The journal charges no publication fee or paper processing fee. The papers that pass the screening and review process are published online, absolutely free of cost by the journal.

The journal adheres to an open-access policy to ensure wider dissemination of knowledge.

# Editorial cum Advisory Board of College Journal

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Prof. Virender Bhardwaj, Principal, Shivaji College, University of Delhi, Delhi

## Editor

Dr. Prabuddh Kumar Mishra, Department of Geography, Shivaji College, University of Delhi, Delhi

## Associate Editors

Dr. Abhijeet Mishra (Biochemistry)

Ms. Anshula Upadhyay (English)

Dr. Amit Kumar Srivastava (Geography)

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