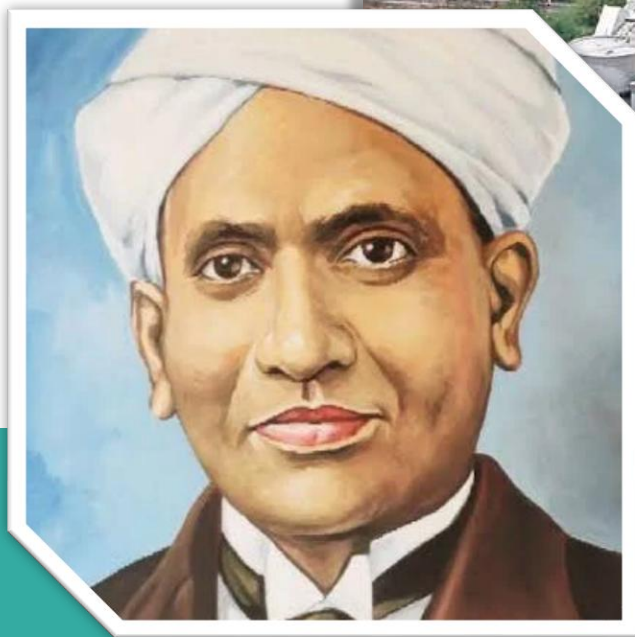




C.V. Raman

2025

**MINOR & MAJOR
RESEARCH
GRANTS**



AUGUST, 2025

***Dean, Projects and External
Resource Generation***

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY, KANPUR

(Accredited with Grade **A++** by NAAC & UGC Category-I University)

Our Source of Inspiration

Our Honorable Chancellor and Governor Smt. Anandiben Patel's boundless love and deep compassion for children and girls reflect the very heart of her leadership. She inspires us all at CSJMU, not just through her words but through her unwavering commitment to uplifting and empowering the future generation. Her visionary guidance has been a beacon of hope, lighting the way for initiatives like the C.V. Raman Research Grant Scheme, which stands as a testament to her passion for excellence and innovation.

We are profoundly grateful to Honorable Chancellor Madam for her constant encouragement and heartfelt support. Her dedication fuels our collective spirit and reminds us every day of the power of kindness, strength, and perseverance in shaping brighter futures.

A Compassionate Embrace: Honoring the Heart of Leadership



Message from the Vice Chancellor



Prof. Vinay Kumar Pathak

Vice Chancellor

Chhatrapati Shahu Ji Maharaj University, Kanpur

It is with great pride and conviction that I announce the launch of the C.V. Raman Major and Minor Research Grant Schemes (CVRPS) at Chhatrapati Shahu Ji Maharaj University, Kanpur. This initiative is more than a financial support programme; it is a strategic step towards strengthening our culture of excellence in research and innovation across the University campus and its affiliated colleges.

Through these grants, we aim to empower our faculty members to pursue impactful and socially relevant research in diverse disciplines, from fundamental sciences and engineering to humanities, social sciences, commerce, law, and education. The scheme has been designed to encourage interdisciplinary and translational research, promote industry, academia linkages, and foster collaborations at the national and international level.

We are committed to creating an ecosystem where innovative ideas are nurtured, rigorous inquiry is supported, and meaningful outcomes are shared with the community. The C.V. Raman Grant Schemes will not only enable faculty to explore new research frontiers but will also contribute to enhancing our visibility in global academic rankings, increasing our research publications, patents, and funded projects.

In the evolving landscape of higher education, research productivity is one of the most significant indicators of institutional excellence. By investing in our faculty and their ideas, we are investing in the future of our university, our students, and society at large.

I appreciate the consistent dedication of the Projects and External Resource Development Cell team in carrying out their responsibilities effectively. I invite all eligible faculty members from the University and its affiliated colleges to seize this opportunity, think beyond conventional boundaries, and contribute to shaping a future where knowledge and innovation drive sustainable growth and societal transformation.

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Pro-Vice Chancellor's Message

Prof. Sudhir Kumar Awasthi

*Dean, Faculty of Life Sciences & Pro-Vice Chancellor
Chhatrapati Shahu Ji Maharaj University, Kanpur*

It is with great enthusiasm that I welcome the launch of the C.V. Raman Major and Minor Research Grant Schemes-2025 at Chhatrapati Shahu Ji Maharaj University, Kanpur. This visionary initiative stands as a testament to our university's unwavering commitment to nurturing research excellence and innovation across disciplines.

Named after the illustrious Nobel Laureate, Sir C.V. Raman, this grant scheme is designed to empower our faculty members by providing essential funding support to undertake pioneering research. Such opportunities not only bolster individual academic growth but also elevate the university's stature on national and global platforms.

In today's competitive academic landscape, fostering a vibrant research ecosystem is critical. Through this scheme, we aim to stimulate interdisciplinary collaborations, encourage novel ideas, and contribute meaningfully to the advancement of knowledge that benefits society at large.

I congratulate the Projects and External Resource Development Cell team for their dedicated efforts in managing this important work. I urge all eligible faculty members to actively participate and make the most of this valuable opportunity. Together, we will continue to uphold the legacy of excellence that Sir C.V. Raman symbolizes.

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Dean, Projects and External Resource Generation's Message

Dr. Anuradha Kalani

*Associate Professor and Dean, Projects and External
Resource Generation
Chhatrapati Shahu Ji Maharaj University, Kanpur*

It is a moment of great satisfaction to witness the launch of the C.V. Raman Major and Minor Research Grant Schemes at Chhatrapati Shahu Ji Maharaj University, Kanpur. This initiative reflects our University's unwavering commitment to advancing research quality, fostering innovation, and enabling our faculty members to transform their ideas into impactful projects.

As the Dean of Projects and External Resource Generation, I see this scheme as a powerful catalyst to strengthen our research infrastructure and to inspire proposals that are not only academically rigorous but also socially and industrially relevant. Faculty members are encouraged to conceptualize projects that align with emerging national priorities, Sustainable Development Goals (SDGs), and areas that have potential for technology transfer, entrepreneurship, and community benefit.

In addition to direct funding through the C.V. Raman Schemes, our office will continue to facilitate and support faculty in securing competitive grants from national and international funding agencies. We believe that each successful project funded under this scheme will pave the way for larger collaborations, attract additional resources, and enhance the University's academic reputation.

I urge all faculty members from the University campus and affiliated colleges to actively participate in this opportunity, work in synergy across disciplines, and deliver outcomes that reinforce our institution's standing as a hub of innovation and excellence. Together, we can create a robust research ecosystem that not only enriches academic knowledge but also generates tangible societal impact.

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About the University Research

Chhatrapati Shahu Ji Maharaj University

(Formerly Kanpur University)

A Legacy of Excellence

Established in 1966, Chhatrapati Shahu Ji Maharaj University (CSJMU) stands as a premier institution of higher learning in Uttar Pradesh, accredited under Sections 12B and 2F of the UGC Act from its inception. Guided by the inspiring motto “*Aroh Tamso Jyoti*”, the University is committed to accessible, inclusive, and value-driven education that empowers individuals and advances society. Over the decades, CSJMU has grown into a vibrant hub of academic and research activity, with an unwavering focus on quality, inclusivity, and innovation. With NAAC A++ accreditation, UGC Category–I status, and a growing list of national and international recognitions, the University has earned its place among the country’s leading state universities.



Chhatrapati Shahu Ji Maharaj

A Thriving Academic Ecosystem

Spread across a verdant 264-acre campus in the industrial hub of Kanpur, CSJMU offers an inspiring environment for learning and discovery. The University caters to over 275,000 students annually through a vast network of 170+ affiliated colleges spanning eight districts - Kanpur, Fatehpur, Etawah, Aurraya, Kannauj, Farrukhabad, Kanpur Dehat, and Unnao - offering programmes in Arts, Sciences, Education, Law, Agriculture, Medicine, Business, and Technology.

Our Central Library, a magnificent three-storey structure with seating for over 700, houses over 90,000 printed books, theses, and journals, alongside a rich collection of e-resources including e-journals, e-books, and institutional repositories. Fully automated with LAN connectivity, it supports both traditional scholarship and cutting-edge research.

C.V. RAMAN, 2025



The campus infrastructure includes:

- A 1,500-seat fully air-conditioned auditorium
- Lecture hall complex with capacity for 70+ daily sessions
- Multipurpose indoor sports hall
- International Centre with deluxe guest accommodations and conference facilities
- Stadiums and athletic grounds for cricket, football, and athletics
- On-campus banking, health centre, post office, police station, and shopping complex

Residential life is equally well supported with six hostels, Shivaji and Swarn Jayanti (men) and Ganga, Triveni, Saraswati, and Kaveri (women), accommodating over 1,100 students in modern, Wi-Fi enabled rooms.

A Research-Driven University

CSJMU is steadily emerging as a centre for advanced, interdisciplinary research that blends innovation, collaboration, and societal impact. Our research ecosystem spans life sciences, environmental sciences, materials sciences, engineering, agricultural sciences, rehabilitation sciences, social sciences, and humanities.

Key research highlights include:

- Two Central Instrumentation Facilities with advanced analytical, imaging, and molecular tools
- CPCSEA-approved Animal House Facility for biomedical research, supported by active ethical committees
- Specialized laboratories and Centers of Excellence in rehabilitation sciences, assistive technology, and inclusive healthcare
- Agricultural research units dedicated to sustainable farming, crop improvement, and Agri-tech innovations
- A bar-coded herbarium preserving plant diversity and a medicinal garden for ethnobotanical and pharmacognosy studies

Our faculty and scholars have been recipients of prestigious research grants and fellowships, including DST–FIST, DST-Inspire, ICSSR projects, ANRF–PAIR (Category B) awards, Early Career Research Grants, Ramalingaswami Fellowship, and CST–UP funding.

C.V. RAMAN, 2025



Commitment to National & Global Impact

CSJMU fosters a culture where curiosity meets state-of-the-art infrastructure, enabling ideas to transform into solutions for real-world challenges. We maintain active national and international collaborations, integrating fundamental research with applied innovations for sustainable development.

By nurturing talent, encouraging problem-oriented inquiry, and strengthening interdisciplinary scholarship, the University continues to contribute meaningfully to national development and global knowledge creation.

"At Chhatrapati Shahu Ji Maharaj University, we believe that knowledge transforms lives. Guided by our motto 'Aroh Tamso Jyoti' – Rise from Darkness to Light, we remain steadfast in our mission to educate, innovate, and inspire. With a growing research ecosystem, state-of-the-art facilities, and an unwavering commitment to inclusivity, we continue to shape future leaders, create impactful solutions, and contribute to a brighter, sustainable world. For over several decades, CSJMU has stood as a beacon of academic excellence and societal progress. As we look ahead, we remain committed to building on this legacy - fostering a culture of inquiry, innovation, and service for generations to come."

C.V. RAMAN, 2025



Introduction

The C.V. Raman Research Projects Scheme (CVRPS) has been instituted by Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur to promote and strengthen the research ecosystem across the main campus and its affiliated colleges. The scheme offers Minor and Major Research Grants to eligible faculty members in support of research that is original, innovative, product-driven, translational, and interdisciplinary. Through this initiative, CSJMU seeks to cultivate a dynamic environment where impactful research can flourish, driving advancements across diverse academic disciplines and enabling the translation of ideas into tangible solutions.

Objectives

- ✚ To empower faculty members with financial support for undertaking research in core and emerging areas.
- ✚ To promote a culture of inquiry, experimentation, and academic publication.
- ✚ To build institutional research capacity through equipment acquisition and laboratory development.
- ✚ To encourage faculty to undertake both pilot-scale and large-scale, impactful research projects.



C.V. Raman Grant Options

A. Minor Research Grant

The Minor Research Grant is designed to support pilot projects, exploratory studies, and preliminary data generation that can serve as the foundation for larger, externally funded research endeavors. It is particularly intended to foster publication-oriented innovation, enabling faculty to generate publishable outcomes in indexed journals through focused, small-scale research. The scheme encourages projects that aim to open new research directions, demonstrate proof-of-concept, or generate high-quality data suitable for peer-reviewed dissemination.

Duration: Up to 2 years

Funding Limit: Up to ₹2,00,000 (Rupees Two Lakhs only)

Eligibility

Both PI and Co-PI must be full-time regular or contractual faculty members of CSJMU or its affiliated colleges, with a minimum of three years of service remaining.

Principal Investigator (PI):

- Must hold a Ph.D. degree (awarded).
- Must have three publications indexed in *Scopus*, *Web of Science*, or in refereed journals. *(For refereed journals, papers quality will be evaluated by the University Advisory/Officials Team, whose decision will be final)*
- Guest faculty and postdoctoral fellows are not eligible.
- Only one proposal per PI will be considered under this category.

Co-Principal Investigator (Co-PI):

- Co-PI is mandatory for the Minor Grant category.
- Must hold a Ph.D. degree (awarded).
- Young faculty members can apply for this call.



B. Major Research Grant

The Major Research Grant supports high-impact, innovative projects addressing significant disciplinary or interdisciplinary challenges. It is aimed at experienced faculty to produce substantial scholarly output, including indexed journal publications, and to develop novel concepts, technology-driven solutions, or multi-phase investigations with real-world relevance. Preference will be given to projects leading to tangible products, processes, or prototypes with commercialization or societal impact potential.

Duration: Up to 2 years

Funding Limit: Up to ₹5,00,000 (Rupees Five Lakhs only)

Eligibility

Both PI and Co-PI must be full-time regular or contractual faculty members of CSJMU or its affiliated colleges with a minimum of three years of service remaining.

Principal Investigator (PI):

- Must hold a Ph.D. degree (awarded).
- Must have five publications indexed in Scopus or Web of Science.
- Must have successfully completed at least one extramural or intramural funded research project.
- Guest faculty and postdoctoral fellows are not eligible.

Co-Principal Investigator (Co-PI):

- Co-PI is mandatory for all Major Grant proposals.
- Must hold a Ph.D. degree (awarded).
- Must have three publications indexed in Scopus or Web of Science.



Additional Essential Requirements

- The grant is open only to the CSJMU campus and its affiliated colleges, with preference given to those holding NAAC accreditation.
- For C.V. Raman Minor or Major, the PI and/or Co-PI must be a full-time regular or contractual faculty member of CSJMU and affiliated colleges with a minimum of 3 years of service remaining in their tenure.
- Guest faculty & postdoctoral fellows are not eligible to apply.
- Faculty members from CSJMU and its affiliated colleges may apply for only one funding stream in any given calendar year. Those applying for a CVRPS (Major and Minor) are ineligible to apply for any other CSJMU-administered grant(s) during the same year.
- A PI may apply for both Major and Minor grants simultaneously; however, only one grant can be awarded at a time. The decision to award a Minor or Major grant will be made by the University officials based on merit and scores obtained, and their decision will be final and not open to challenge.
- A PI may participate as a Co-PI in only one research project, limited to either the Major or Minor grant stream.
- A PI must maintain a gap of one year before reapplying for a C.V. Raman grant, either as PI or Co-PI; awardees from the previous year are not eligible to apply.
- If the PI leaves, the Co-PI will assume full responsibility for the C.V. Raman Major/Minor project.



Proposal Submission Guidelines

(Applicable to Both C. V. Raman Major and Minor Grants)

Applicants must prepare their proposals strictly in the prescribed format available on the University website. The format already contains all required sections (Title, Introduction, Review of Literature, Methodology, Timeline, Facilities, Equipment List, Collaborations, Expected Outcomes, Budget, and Declarations, etc).

In addition, the following documents must be uploaded along with the proposal:

- Filled proposal form (in the prescribed format)
- Endorsement letter from the Head of Institution/Department
- Certificate from the Investigators
- Biodata Format
- Project Timeline
- Plagiarism Declaration
- Any other supporting documents as applicable, etc.

Complete details, instructions, formats and the proposal submission link are available at:

 <https://csjmu.ac.in/researchprojects/cvrps.html>



Evaluation and Monitoring

- Only complete applications in the prescribed format with all required documents will be considered.
- Incomplete submissions will not be reviewed and will be desk-rejected.
- Applications must be submitted online through the University portal; submissions through any other mode will not be accepted.
- The project must not replicate previously completed work.
- Pls must adhere strictly to ethical research standards and University norms.
- Proposals failing to meet the eligibility criteria will be rejected without review.
- Eligible proposals will be evaluated by a Technical Evaluation and Review Committee for merit, feasibility, and alignment with CVRPS objectives.
- Shortlisted applicants will be invited to present their proposals before the Expert Committee. The final selection results will be announced online.
- Applicants are advised to regularly check the University website for further updates, notifications, and final results.
- The decision of the Technical Evaluation /Review Committee /Expert Committee will be final and binding, and will not be open to any form of appeal or legal challenge.

PROJECTS HANDLING TEAM

Projects and External Resource Generation Cell

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Key Dates

 **Scheme Launch: August 14, 2025**

 **Invitation for Proposals: August 14 – September 15, 2025**

 **Enquiry: project.erg@csjmu.ac.in**

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