

RDC/FRP-01/2026-27/No. \_\_\_\_\_  
(To be filled by the office)

Date of Submission: \_\_\_\_ June 2026

**FACULTY RESEARCH PROGRAMME (FRP), 2026-27**  
**Research Development Cell, SGTB Khalsa College, University of Delhi. Delhi-110007.**

**(Project Duration: 12 Months)**

(Collaboration with faculty members/scientists, including Post-Doctoral Fellows, from Postgraduate Departments and Centres of the University of Delhi, National Laboratories, Research Institutes, and Centres of Excellence is encouraged.)

**Research Proposal**

1. Project Title:

2. Broad Research Area:

- Experimental Sciences/ Interdisciplinary & Applied Sciences  
 Theoretical Sciences / Mathematical Sciences  
 Social Sciences / Interdisciplinary & Applied Social Sciences / Management  
 Languages

3. (a) Principal Investigator (PI):

(b) Designation:

(c) Department:

(d) Year of Ph.D. Award:

(e) List of Published Research Papers in SCOPUS Indexed / Peer Reviewed Journals  
between between **June 2021 - May 2026:**

S. No	Co-Author/ First Author/ Corresponding Author	Title	Journal	Year	Volume	Page	Impact Factor in that year	ISSN No.

(f) Sponsored Research Projects Ongoing and Completed

S. No.	Title of the Project with sanction reference number	PI/ Co-PI	Status (Ongoing / Completed)	Duration in Months;		Grants in Rs.	Funding Agency	Research Outcome Publication/ Report
				From	To			

(g) Justification: Specific Expertise/ Role of the PI in the Project

4. (I) (a) First Co-Principal Investigator (Co-PI) if any: (b) Designation:  
 (Maximum 2 Co-PI allowed)  
 (c) Department: (d) Year of Ph.D. Award:

(e) List of Published Research Papers in SCOPUS Indexed / Peer Reviewed Journals between between **June 2021 - May 2026**:

S. No	Co-Author/ First Author/ Corresponding Author	Title	Journal	Year	Volume	Page	Impact Factor in that year	ISSN No.

(f) Sponsored Research Projects Ongoing and Completed

S. No.	Title of the Project with sanction reference number	PI/ Co-PI	Status (Ongoing / Completed)	Duration in Months;		Grants in Rs.	Funding Agency	Research Outcome Publication/ Report
				From	To			

(g) Justification: Specific Expertise/ Role of the Co-PI in the Project

- (II) (a) Second Co-Principal Investigator (Co-PI) if any: (b) Designation:  
 (Maximum 2 Co-PI allowed)  
 (c) Department: (d) Year of Ph.D. Award :

(e) List of Published Research Papers in SCOPUS Indexed / Peer Reviewed Journals between between June 2021 - May 2026:

S. No	Co-Author/ First Author/ Corresponding Author	Title	Journal	Year	Volume	Page	Impact Factor in that year	ISSN No.

(f) Sponsored Research Projects Ongoing and Completed

S. No.	Title of the Project with sanction reference number	PI/ Co-PI	Status (Ongoing / Completed)	Duration in Months;		Grants in Rs.	Funding Agency	Research Outcome Publication/ Report
				From	To			

(g) Justification: Specific Expertise/ Role of the Co-PI in the Project

**5. Please tick if your proposed study aligns with any of the Government of India Priority Research Areas / National Missions**

- Digital Translation and Preservation of Indian Languages  Precision Medicine and Genomics
- Socio-Cultural and Sociolinguistic Studies  National One Health Mission
- Developmental Studies, National Security, Gender Studies, and Public Administration  National Quantum Mission
- Agricultural Biotechnology and Food Security  IndiaAI Mission
- National Critical Mineral Mission  Deep Ocean Mission
- BioE3 Policy and Biomanufacturing  Green Hydrogen Mission
- Transdisciplinary Social Science Research  Battery Materials and Energy Storage
- Climate-Resilient Agriculture  Semiconductor and Electronics Research
- Sustainable Energy and Environmental Technologies  Digital Innovation and Cybersecurity
- Indigenous Technology Development / Atmanirbhar Bharat  Any Other (Please Specify): \_\_\_\_\_

**6. Budget Details:**

<u>Head-wise Budget Proposal for the Project</u>			
S. No.		Budget Head	Amount in Rs.
(a)	Recurring	Stipend to max. <b>Two</b> Students (UG/ PG/ Research Scholars)	
(b)		Consumables	
(c)		Contingencies	
(d)		Travel	
(e)	Non-Recurring	Equipments	
<b>Total</b>			

**7. Head-wise Budget Justification:**

- (a) Justification for Equipment (Non-Recurring) including projected cost
- (b) Justification for Travel if any: To attend conferences/ workshops/ symposiums/
- (c) Justification for Consumables and Contingency

**8. Objectives of the Research Proposal: (Maximum 150 words)**

*(Rationale for doing this work should be elaborated):*

**9. Review of status of Research and Development in the subject:**

- (a) **National and International Status:** *(Maximum 150 words)*  
*(Researchers working in the area worldwide and their contributions must be properly highlighted with recent references / citations and reviews. )*
- (b) **Importance of the proposed project in the context of current status:** *(Maximum 150 words)*  
*(Highlight what is the new area or gap, which will be solved in the project in relating to what is already known. This is a very important section to project the novelty content of the proposal)*
- (c) **Give justification if the project is location specific:** *(Maximum 50 words)*

**10. Work Plan:**

- (a) **Methodology:** *(Maximum of 200 words)*  
*(It should contain all the details of how each of the objectives will be addressed. )*
- (b) **Expected Outcome of the Project:** *(Maximum 50 words)*
- (c) **Environmental impact assessment and risk analysis (if Applicable):** *(Maximum 50 words)*

**11. Equipment available with the Department required for the accomplishment of the project:**

Equipment available with	Generic Name of Equipment	Remarks including accessories available and current usage of equipment
PI & his group		
PI's Department		
Other Institute(s)		

**12. Details of the two experts (not from SGTB Khalsa College) who are aware of your research work:**

Name:  
Designation:  
Institute:  
Email:  
Mobile:

Name:  
Designation:  
Institute:  
Email:  
Mobile:

PI	First Co-PI (if any)	Second Co-PI (if any)
Name	Name	Name
Signature	Signature	Signature
Date	Date	Date
Place	Place	Place

### 13. Undertaking from the Investigators

We/I hereby certify that:

1. The same project proposal has not been submitted elsewhere for financial support.
2. The proposed research work does not duplicate any existing proposal in terms of concept, objectives, or content.
3. We/I assume full responsibility for conducting a plagiarism check on the project proposal and certify that the submitted work complies with standard academic integrity guidelines.
4. We/I agree to communicate/report/publish the research outcomes in journals indexed in Scopus, Web of Science, or peer-reviewed listed journals, as applicable.
5. We/I agree to acknowledge the financial assistance received from the Research and Development Cell, SGTB Khalsa College in all published articles, reports, seminars, talks, and presentations related to the research outcomes of this project.
6. We/I agree that all student co-investigators/research assistants associated with the project shall be given due credit as co-authors in publications arising from the project, wherever applicable.
7. We/I undertake that, upon completion of the project, all remaining consumable items purchased under the project grant shall be transferred to the laboratory facilities of the respective Department.
8. We/I undertake that, upon completion of the project, all study materials including books, journals, and reports purchased from the project contingency grant shall be deposited in the College Library.
9. \*\* We/I agree to submit a certificate from the Institutional Biosafety Committee, if the project involves the use of genetically engineered organisms. We/I further declare that all experiments shall be conducted strictly in accordance with the Biosafety Guidelines issued by the Department of Biotechnology (DBT) and the Department of Health Research (DHR), Government of India.
10. We/I agree to submit the necessary ethical clearance certificate from the concerned Ethics Committee, if the project involves field trials, experiments, exchange of specimens, or the use of human and/or animal materials.
11. We/I agree to abide by the terms and conditions governing the research grant provided by the RDC, SGTB Khalsa College.

\*\* Applicable only to projects related to Biological/Life Sciences.

PI	First Co-PI (if any)	Second Co-PI (if any)
Name	Name	Name
Signature	Signature	Signature
Date	Date	Date
Place	Place	Place