SURANA COLLEGE
AUTONOMOUS

Affiliated to Bangalore University | Re-accredited by NAAC with A+
Recognised under section 2(f) & 12(B) of UGC

RESEARCH & CONSULTANCY CELL

Student Research Fellowship Scheme for UG & PG

Surana College Autonomous
#16, South End Road,
Basavanagudi,
Bangalore, Karnataka- 560004.

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1.0 Preamble:

Surana College Autonomous have taken a leap forward in supporting the students' research interest through a 'Research Fellowship Scheme' for its UG & PG Students. The fellowship program will provide a new platform for students to get trained and raised under professional research learning experiences. This scheme will nurture and promote a strong research acumen among the selected students' cohort under the expert mentorship. It reinforces a strong bondage between faculty researcher and students' cohort to align with areas of the requisite research skills and endeavours in handling the real-time tasks.

The students' cohort will be selected on the 'merit-base' with requisite qualities to be carried for applying fellowship scheme. The students' cohort will get a rich experience in identified research areas to explore depth and width of subject areas of the study. The rigorous structured process will enhance selected students' capabilities in identified real-time problem or opportunity, research productivity and largely contribute towards innovation.

Mini Research Project will be introduced in the pre-final year of the UG & PG degree programs, where students work on the chosen field of the dissertation under the supervision of the faculty and report their findings on a regular basis. The final dissemination of this scheme will be through report, presentation, and publication in reputed Journals.

The Research Fellowship (RF) scheme for all the UG and PG Programmes is open to candidates who qualify the Eligibility Criteria for enrolment into the research projects particularly to pursue research in their selected domains. The Institution will provide an atmosphere where each department can focus on a particular area of research either multidisciplinary or interdisciplinary and to establish a reputation as a specialised organisation. This will concentrate on special research activities in the respective technical fields.

2.0 Significance of Research Fellowship Scheme:

The Institution will promote the unique research ideas in each departments/program across the campuses and students can conduct in-depth research on viable ideas generated. Additionally, students get the chance to ask questions in a variety of subject areas at and to implement their ideas into research. It will give students the tools they need to think critically, develop an idea into a concrete object, plan a research project, carry it out, and to analyse the results. Additionally, it will incentivize researchers to publish and patent for their research work.

Sanctioning Authority: Head of the Institution

Members

1. Head of the institution
2. Dean – Research & Consultancy
3. Faculty Members (Internal-2 + External -1)

3.0 OBJECTIVES

1. To encourage & nurture the students' cohort in the field of research arenas.
2. To provide platform for selected students to undertake advanced research studies.
3. To upskill the selected students in innovative research tools & analysis.
4. To improve the quality of research deliverables in terms of projects and publications.
5. To strengthen the overall research ecosystem with faculty – student participation.

Target- UG & PG Students (Current Second & Final Year Students)

Mentors: Internal Faculty Members with Ph.D.

Note: Non Ph.D faculty members can be co-mentor for the selected student cohort.

4.0 Eligibility Criteria for Selection:

For SURANA UG Students:

- Proposed to introduce a research-oriented scheme **'SURANA Undergraduate Research Experience' (SURE)** at the Institution Level.
  To be eligible for this scheme, student must have a minimum CGPA of 7.5.
  - ✓ Students desirous of opting this scheme should apply through Research Mentors of the Department/Program either in even or odd semester to the Dean's Office – Research & Consultancy.
  - ✓ The application should clearly follow the Research Proposal Template provide by the Dean's Office. (Annexure -1)
  - ✓ The Research Apprentice shall work closely with their research mentors and publish their research outputs in reputed Journal and present it Seminar/Conferences.

The SURE scheme can consist of following set of activities:

i.   Assisting the selected students who has an internally funded project in terms of data collection, data analysis, conduct of experiments and report writing.

ii. Based on the external panel review, she/he will be given a stipend (of INR 1,500/- per month) from the projects undertaken by the Internal Mentors.

iii. The research experiences will run concurrently with the academic semester. However, responsibility is on the students to work on these assignments outside of class timetable.

iv. Research Mentors will be complete responsible for the Interns progress and provide regular feedback to Dean's Office (Monthly Once).

v.   A report highlighting the research experience during any of above three research activities should be submitted to the Dean's Office, duly forwarded by the Research Mentor.

vi. On the due completion, she/he will be given a Certificate of Appreciation and Letter of Recommendation for taking up Post Graduation Studies in Abroad (if applicable).

vii. *Summer Research Experience*: In this case, interested students may spend an entire summer with the research centre or within the Institution or outside the Institution and undergo such research activities.

For SURANA PG Students:

- Proposed to introduce a research-oriented scheme **'SURANA Post-Graduate Research Assistantship' (SPRA)** at the Institution Level

During Post-Graduate Program, the research assistantship would be offered on semester basis. The assistantship will entail assisting various faculty research activities:

To be eligible for this scheme, student must have a minimum CGPA of 7.5.

i.   Students desirous of opting this scheme should apply through the PG HoDs/Director of the Program either in even or odd semester to the Dean's Office – Research & Consultancy.

ii. Based on the committee approval, 5 students per year will be observed under

assistantship to work with the SURANA Research Centre.

The SPRA scheme can consist of following set of activities:

iii. In developing cutting edge technologies at their department/programs or work on Contemporary issues at the global level.

iv. Closely work with Industry- Integration Collaboration with the Research Centre

v. Get attached to a funded projects at the Research Centre.

vi. Publish in high impact journals/ present papers in international conferences.

vii. Some of the above work can also be a part of their Project dissertation works.

viii. Based on the work assigned, she/he will be given a stipend (of INR 2,000/- per month) from the projects undertaken by the Research centre.

5.0 Review Proposals Committee:

1. Head of the Institution.

2. Member Secretary (Dean- Research & Consultancy)

3. One Internal review committee members (Science and Non-science- subject expert)

4. One External review committee member (Science or Non-science- subject expert).

6.0 Project Duration

To have a positive impact on students, the project will start immediately after the sanction letter is issued from the HOI and will last for six months.

Terms of Payments & Conditions:

Budget Approved: Per Annum

UG: Each Program	5 Students	5*5*6 Months* Rs. 1500	Rs. 225,000
PG: Each Program	5 Students	5*5*6 Months *Rs. 2000	Rs. 300,000
		Total	**Rs. 525,000**

For the next six months, every first week of month stipend will be credited to the student's account. If the student refuses or fails to complete the project on time, he or she must reimburse entire amount to the institute.

7.0 Key Deliverables:

1. Inception report

2. Documents for Ethical Clearance

3. Progress Report (Monthly Once)

4. Mini Project Report (with plagiarism less than < 10 %)

5. One paper presentation and Two publications in reputed Journal.

Timeline:

Sl. No	Activity Plan	Months					
		1	**2**	**3**	**4**	**5**	**6**
1	In depth Literature survey on selected theme and topic	▨					
2	Sample Data Collection		▨				
3	Implementation of Research Methodology as per the theme or Protocol Development			▨			
4	Data Analysis and report findings				▨		
5	Report documentation and Publication					▨	
6	Submission of Mini Project Report/Monograph & Presentation						▨

Note:

1. First week of every month, selected student must submit their progress report dully signed from their respective mentors.

2. At the completion of project, final report, publications, and expenditure statement along with proof of documents should be submitted before the final presentation.

3. Any misuse of fund or non-deliverable of project requisites, project will be cancelled, and student will be asked to refund the entire amount sanctioned with a penalty of 2 percent.

4. For any further any clarifications, please feel free to contact Research & Consultancy Cell.

Annexure I

STUDENT APPLICATION FORMAT

1. Name of the Student: _____

2. Department: _____

3. Course: _____

4. Email Id: _____

5. Mobile No.: _____

6. Campus: _____

7. Mentor Name: _____

8. Designation: _____

9. Email Id: _____

10. Mobile No.: _____

Declaration:

1. The aforementioned project proposal has not been submitted to or financed by any other agency.
2. The Institution offers a range of standard amenities, including furniture, room for laboratories, internet connection, etc. Additional facilities, such as the library, experimental field, and workshop facilities, etc., must be accessible and shared.
3. I/we will follow by the rules and regulations regulating the fellowship grant/minor research project if we are awarded financial assistance.
4. The project must be finished within the specified timeframe. If unable to do so and the Institute is unhappy with the progress of the research, the project may be cancelled.

Signature of student   Signature of the Supervisor

Annexure II

TECHNICAL PROPOSAL FORMAT

1. Title of the Project

2. Origin of Problem (200 words)

3. Review of Literature (1500-2000 words)

4. Research Questions or Objectives (2-3)

5. Methodology/Work Component (1000 words)

6. Project Timeline / Activity Plan

7. Expected outcome and Deliverables.

8. Reference (APA 6th edition)

9. Team Profile (1 Page)

Annexure III

Acceptance Certificate

Name of student : _____

Project submission/Approval No. ------------------

Mentor Name: ------------------

Designation: ....

Contact No: ....

Official Email: ------------------

Campus: ....

Dated ....

Title of the mini project_____

Terms and Conditions

1. No other funding organisation is contributing to the study endeavour.

2. The grant's terms and conditions are acceptable to both the principal investigator and the relevant department.

3. No copyright violations or conflicts of interest will occur.

4. All publications shall be affiliated with the Institute, and the Institute holds the right to intellectual property.

5. The date of Project Implementation is _____

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