

St. Vincent Pallotti College of Engineering & Technology

A Christian Minority Autonomous Institution affiliated to RTM Nagpur University
Managed by *The Nagpur Pallottine Society*

Gavsi Manapur, Wardha Road, Nagpur – 441108



Students' R & D Policy 2025-26

+ 91- 9423683433

E-mail: info@stvincentngp.edu.in

www.stvincentngp.edu.in

Research & Development Policy for Students

Academic Year 2025-26

1. Objectives:

1. To promote research culture among students in the institution.
2. To develop research capability of students by improving participation in Technical events / National & International Conferences / Research Publications in Reputed Journals.

2. Research Policy for attending technical events, journal publications, conferences & collaborative projects

- Students presenting papers at reputed conferences organized by top-ranked engineering or science institutes, national research centers, industries of high repute within the country, or indexed by Scopus/WoS shall be eligible to receive 100% reimbursement of the registration fee, subject to a maximum of Rs. 5000/-, and 100% travel allowance (limited to second-class railway fare). Travel allowance shall be provided for only one registered student author per paper.
- Students securing the first three ranks in paper or poster presentation competitions at the above-mentioned institutes or events shall be eligible for 100% reimbursement of the registration fee.
- Students shall be awarded incentive marks for publishing research papers in conferences and journals, in accordance with the provisions outlined in the Academic Regulations.
- Furthermore, if a paper is published in an indexed journal with the student as the first author, an incentive amount shall be awarded in accordance with the following table.

Table 1: Incentives for Journal Publications

Journal Indexing	Incentive Amount
SCI, SCIE, SSCI	Rs.10,000/-
Scopus	Rs. 5,000/-
Web of Science- ESCI	Rs. 3,000/-

- All applications for incentives or reimbursement of publication expenses shall be submitted to the R&D Cell, with the due recommendation of the Head of the Department (HoD), along with the bank details of the corresponding student.

- Collaborative UG/PG project with institutes of National repute or National Research Institutions will be supported by the Institute. This includes to & fro 2nd class railway fare (Application to be forwarded through HoD).
- The institute shall support students undertaking training programs at premier institutions such as IITs and NITs by bearing the associated training fees. This financial support will be extended only upon the recommendation and approval of the Head of the Department (HoD). Each case will be considered on merit, subject to the availability of institutional funds and adherence to relevant guidelines.

2.1 Students R&D Cell

- A Students' R&D Cell shall be constituted to promote and coordinate research activities among students.
- Students coordinators (1-2, actively engage in R&D activities) from every department shall be the members in the cell
- Students R&D cell shall be responsible to create R&D awareness among students.

3. Publication Targets for M.Tech & Ph.D. Students

For M.Tech Students:

- **Minimum Requirement:**
 - One paper presented at a Scopus-indexed conference
 - To be completed during the total tenure of the program.

For Ph.D. Students:

- **Minimum Requirement:**
 - Two papers published in SCI or Scopus-indexed journals, and
 - Two papers presented at conferences (of which at least one must be Scopus-indexed)
 - To be completed during the total tenure of the program.

4. Plagiarism Checking

- Plagiarism software 'OURIGINAL' is available in the institute library.

- It is mandatory to check plagiarism for every Conference & Journal publication of students (UG/PG/Research Scholar) UG / PG / Ph.D thesis, Patent & Copyright contents, and mini project report.
- Similarity contents other than references should not be more than 15%.

5. Best Project Award for Final Year Students

- Best three students' projects (for department with 60 intake) and best six students' projects (for department with 120 intake) will be given financial assistance of Rs. 5,000 to 10,000.
- This funding is available exclusively for final year students' projects.
- Best projects for funding must be reviewed by a team of external experts selected by R & D Cell.
- Each student and his batch should be mentored /guided by one of the faculty from their respective departments.
- It is mandatory for all students who are claiming for best project award to publish at least one paper in reputed conferences / peer reviewed journals / patent.
- The evaluation of award will be based on following Standard Operating Procedure (SOP)

Standard Operating Procedure (SOP) for Evaluation of Department wise Best Project Award:

- Only those project groups will be considered which fall into following categories:
 - Working Model developed by the project group & available in the department / college / industry (in case of industry based project).

OR

 - Working Software module development (using programming tools like Python, C, C++ or any) and CAE / CFD Analysis based projects.
- An expert committee appointed by R & D Cell will evaluate the projects. The committee shall consist of following members:
 - (i) External Expert Evaluator from Academics.
 - (ii) Expert Evaluator from Industry.
 - (iii) R & D Coordinator / Co-coordinator.
 - (iv) Project Coordinator (for coordination only)
- Project groups have to prepare cost report of project along with proofs.

Best Project Award Evaluation Sheet:

Project Group No.	Workability of working Model (5 Marks)	Publication / Patent/ Copyright/ Award (5 Marks)	Social/ Environmental/ Start-up Impact (5 Marks)	Industry supported /sponsored (5 Marks)	Interdisciplinary Approach (5 Marks)	Innovation (Idea/ Process/ implementation (5 Marks)	Total (30 Marks)

6. Books/Book Chapters

Student contributing as a single author to a book or book chapter will be entitled to following incentive amount. If there is more than 1 author (from the same or other Institute) then the incentive amount will be shared proportionately.

Book/Book Chapter	Incentive Amount
Book-International Publisher (like Pearson ,RELX, Thomson Reuters, Penguin Random House, Macmillan Publishers, McGraw-Hill Education, PHI, IEEE)	Rs. 15,000/-
Book-National Publisher	Rs. 3000/-
Book Chapters (Indexed by Scopus/WoS)	Rs. 2000/- per chapter to Maximum Rs. 6,000/-

7. Patents, Copyrights

Students can apply and obtain patents for their contribution in the form of a product, innovation, technology, etc. from National and International agencies.

- All the patent applications have to be processed through R & D Cell.
- The applicant should be, “St. Vincent Pallotti College of Engineering & Technology, Nagpur” (Don’t use short forms).
- An incentive of Rs.10, 000/- will be paid to students on award of/grant of patent (to be shared equally if more than one members involved).
- Annual maintenance fee for 10 years from the grant of patent will be paid by the Institute. If patent is converted into product development leading to funding /

consultancy for the Institute, complete annual maintenance fee for 20 years will be paid by the Institute.

- Students shall be eligible to receive financial assistance for copyright registration, limited to reimbursement of the actual application fees.

8. Policy of Funding for SAE / E-Vehicle / Formula etc.

a. Policy for BAJA SAEINDIA (BSI) or mBAJA Enduro Student India (ESI), Formula Bharat, Formula Bharat (Electric) or eBAJA

The institute provides financial assistance as:

- 30% of overall Cost (60% in case of e-BAJA) will be funded by the institute.
- Additional 10% cost will be allotted if team positions itself in top 10 ranks.
- ~~Additional 5% will be given if team positions itself in top 3 ranks.~~

b. Other mandatory guidelines

* Procurement will be in the name of college only.

** College contribution will be decided on the basis of an estimated cost report that the team would submit as soon as they qualify for any of the above-mentioned events.

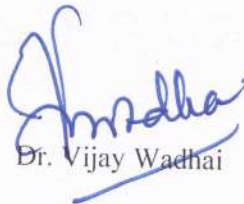
*** (i) Electric vehicle development project is initiated by the college. For initial years college will support the finances as per the above mentioned share to avoid financial hiccups in the vehicle development.

(ii) Overall Cost of electric vehicle fabrication is 20-30% more than the ATV or formula vehicle.



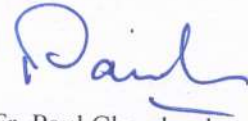
Dr. Prashant Maheshwary

Director QM&ID



Dr. Vijay Wadhai

Principal



Dr. Fr. Paul Chandrankunnel

Director

