SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

RESEARCH POLICY

SVEC Policy for Promotion of Research

The institution mentioned in the statement has well-defined policies in place to facilitate research activities within its campus. It provides the necessary infrastructure and creates a conducive environment for research. While the institution may have resource limitations, it actively encourages faculty and students to seek funding from various agencies, promoting research through flexible administrative processes, infrastructure support, and academic assistance. Faculty members are empowered to engage in research activities utilising the existing facilities. Moreover, the institution encourages its teachers to undertake consultancy and R&D assignments within the institution and with other institutions or industries that align with their expertise.

The research policy of the institution offers assistance to researchers in identifying potential funding sources for their research and development endeavours. It also promotes the establishment of innovative institutional mechanisms and centres of excellence in specialised areas. Additionally, research and development activities are encouraged to develop tools, equipment, and machinery that cater to specific requirements. Recognising the significance of the research, the institution considers academic staff's research activities when evaluating career growth and administrative responsibilities. The policy aims to grant academic staff the freedom to conduct research, publish their findings, and pursue scholarships and funding opportunities.

A vital aspect of the research policy is the establishment of department-specific research centres. These centres aim to foster excellence in specific areas and provide dedicated platforms for scholars to conduct their research. They also play a crucial role in guiding and supporting scholars throughout their research journey. Emphasising the importance of publishing research in high-quality journals, the institution ensures effective dissemination of research outcomes and contributes to the knowledge base of respective fields. Publishing in reputable journals enhances the institution's reputation and attracts talented students and faculty members.

Furthermore, research programs at the institution create opportunities for collaboration at local, regional, and global levels. These collaborations raise the institution's profile and facilitate various advancements. Collaborations with industrial firms are particularly valuable as they contribute to the practical application of research and align higher education initiatives with industry needs. The research policy aims to create an environment that fosters excellence, promotes collaboration, and ensures the societal relevance and commercial potential of research outcomes.

The research cell at Sri Vasavi Engineering College (A) actively facilitates interdisciplinary activities. It includes identifying interdisciplinary areas with potential for research collaboration and innovation. The cell also identifies experts from relevant disciplines who can collaborate on interdisciplinary research projects. Furthermore, it assesses the infrastructure requirements for interdisciplinary research activities and explores and secures resources, including funding, to support such initiatives. By fostering interdisciplinary research, the college aims to address complex challenges and generate impactful outcomes that advance knowledge and benefit society.

The R&D Cell at Sri Vasavi Engineering College (A) significantly recommends Intellectual Property (IP) policy guidelines to the administration. The institution recognises the importance

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of protecting intellectual property and actively encourages researchers to consider patenting their innovations. The R&D Cell takes proactive measures to create awareness about intellectual property rights among faculty, researchers, and scholars. They organise regular workshops, seminars, and training sessions to educate the academic community about IP laws, regulations, and best practices. By disseminating this knowledge, the institution ensures that researchers are well-informed and equipped to navigate the complexities of intellectual property protection.

When a researcher at Sri Vasavi Engineering College (A) develops an innovative idea or technology, they are encouraged to explore the possibility of patenting it. The institution provides support and guidance throughout the patenting process, including assistance with filing the necessary applications and protecting the researcher's intellectual property rights. By promoting awareness of intellectual property rights and supporting researchers in patenting their innovations, Sri Vasavi Engineering College (A) demonstrates its commitment to fostering a culture of innovation and protecting the valuable intellectual assets generated by its faculty and researchers.

Research & Development Policy

This Research and Development (R&D) Policy applies to all full-time, regular faculty members (and staff if applicable) at Sri Vasavi Engineering College (A), intending to motivate them to focus on research and development activities in addition to their teaching responsibilities.

Code of Ethics for Research

Sri Vasavi Engineering College (A) has established a comprehensive Code of Ethics for research, which sets out the principles and standards researchers must follow. The code emphasises academic honesty, integrity, carefulness, respect for intellectual property, confidentiality, social responsibility, competence, legality, protection of human subjects, and prevention of plagiarism. The key points of the code are as follows:

Academic Honesty: Researchers must be honest in all scientific communications, including reporting data, results, methods, and publication status. Fabrication, falsification, and misrepresentation of data are strictly prohibited.

Integrity: Researchers should uphold promises and agreements, demonstrate sincerity, and maintain consistency in their thoughts and actions.

Carefulness: Good research practices involve avoiding careless errors and negligence. Researchers should critically examine their work and the work of their peers and maintain thorough records of research activities.

Respect for Intellectual Property: Researchers must respect patents, copyrights, and other forms of intellectual property. They should not use unpublished data, methods, or results without permission, and proper credit must be given to the original contributors. Plagiarism is strictly prohibited.

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Confidentiality: Researchers should protect the confidentiality of communications, such as papers or grants submitted for publication and personal records.

Social Responsibility: Researchers are encouraged to promote social good and utilise funds for technological advancement through research, public education, and advocacy.

Competence: Continuous professional development and lifelong learning are emphasised to enhance professional competence and expertise in engineering or science.

Legality: Researchers must be aware of and comply with government policies, relevant laws, and institutional rules and regulations.

Protection of Human Subjects: Researchers should take precautions to minimise harm and risks to human subjects, especially vulnerable populations. Human dignity, privacy, and autonomy must be respected while maximising the benefits and ensuring fair distribution of the benefits and burdens of research.

Rules for Preventing Plagiarism: Measures are in place to prevent plagiarism, such as using plagiarism detection software tools for checking project reports, dissertations, theses, research papers, case studies, etc. Students are required to submit plagiarism reports generated by such tools, and a Certificate of Originality of Work must be provided. Faculty members are encouraged to design assignments promoting analysis and evaluation rather than simply collecting information. Training programs on plagiarism detection software tools are organised for students, faculty, staff, and research fellows. This Code of Ethics aims to foster a research culture at Sri Vasavi Engineering College (A) that upholds high standards of integrity, accountability, and ethical conduct among its researchers.

Benefits and Incentives to Faculty

The policy for benefits and incentives to faculty members is administered according to the following guidelines:

Approvals and Procedures

Applications for incentives/grants must be submitted and signed by the faculty member, the Department Head of Department (HOD), Dean (R&D) with recommendations and forwarded to the Principal for final approval.

In-house R&D Activities

SEED Money: The institution supports faculty members submitting research projects and securing external funding through flexible administrative processes, infrastructure support, and academic assistance. Additionally, the college encourages faculty to undertake internal research projects by providing seed money. Faculty members can avail of seed money based on the recommendation and approval from the R&D Cell. The maximum seed money allocation for supporting research projects in equipment and software is 10 lakhs.

Research Centers:

The ECE, CSE, Mechanical, and EEE departments at Sri Vasavi Engineering College (A) have been officially recognised as research centres by JNTU Kakinada. These research centres facilitate the allocation of research scholars to eligible supervisors within the institution. The department-wise supervisors recognised by JNTUK will guide the research scholars, providing support in terms of institutional research infrastructure and labs. Each research scholar's objective is to publish at least 2 SCI papers with impact factors, demonstrating the quality and impact of their research work.

Generation of Research Grants from External Agencies

The policy for generating research grants from external agencies is administered according to the following guidelines:

Faculty members are encouraged to submit research grant proposals to external funding agencies. In the event that an external agency sanctions a research project grant, the faculty member responsible for the project is eligible to receive 10% of the sanctioned research grant as an incentive. If the project involves multiple faculty members from Sri Vasavi Engineering College (A), the total incentive amount will be shared among the participating faculty members. The criteria for consideration and sanction of the incentive are based on the year the research project commenced. A project can only be considered once within its duration. Any publication or patent resulting from the research will also be eligible for incentive as per the policy.

Patents and Copyrights

a. International Patent Granted –	Rs. 50000/-
b. National Patent Granted –	Rs. 25000/-
c. Monographs/ Articles/ Copyright International –	Rs. 20000/-
d. Monographs/ Articles/ Copyright National –	Rs. 10000/-

Expenditure incurred by a faculty member in filing a patent application may be reimbursed immediately when the patent application gets accepted for publication in their journal for comments/examination since the incentive will be given after the patent is granted, which may take about 2-3 years or more.

Consultancy Projects:

Suppose there is a substantial contribution by the faculty members and the staff in the consultancy project. In that case, the incentive may be awarded as given below from the total value of the consultancy amount received.

Description	Share
College	40%
Principal	5%

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HOD	5%
Faculty	40%
Lab Assistant/ Technician and others	10%

Any exceptions to this policy must be approved in writing by the Principal through the proper channel.

Journal Publications:

The publications will be considered only if they are indexed in SCI (Web of Science) or Scopus, or UGC listed, and the incentive may be given as indicated below.

A. Publication incentives for Engineering Faculty:

a. Scopus Free Journal	1st Author	Rs. 8000/-
	2nd Author	Rs. 4000/-
	3rd Author	Rs. 2000/-
b. SCI Free Journal	1st Author	Rs. 15000/-
	2nd Author	Rs. 7000/-
	3rd Author	Rs. 4000/-
c. UGC Listed Free Journal	1st Author	Rs. 4000/-
	2nd Author	Rs. 2000/-
	3rd Author	Rs. 1000/-

B. Publication incentives for BS&H and MBA Faculty:

a. Scopus Free Journal	1st Author	Rs. 6000/-
	2nd Author	Rs. 4000/-
	3rd Author	Rs. 2000/-
b. SCI Free Journal	1st Author	Rs. 8000/-
	2nd Author	Rs. 4000/-
	3rd Author	Rs. 2000/-
c. UGC Listed Free Journal	1st Author	Rs. 2500/-
	2nd Author	Rs. 2000/-
	3rd Author	Rs. 1500/-

Attending Conferences/ Seminars:

A regular faculty member will be entitled to College level research committee and will forward the Recommendations to the Principal for necessary approval.

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A. International conference/ seminar held outside India (Abroad)

50% of the registration fee and OD may be given to a faculty member once in two years to present the accepted paper. 50% of actual travel expenditure or Rs. 50000/- towards travel, whichever is less, may be given. Also, faculty members are advised to apply for travel grant schemes to various funding agencies (UGC/ AICTE/ DST etc.) to attend conferences abroad.

B. International conference/ seminar held in India

Registration Fee, TA & DA as per college norms and OD for presenting accepted paper may be given to a faculty member once a year.

C. National conference/ seminar

Registration Fee, TA & DA as per college norms and OD for presenting accepted paper may be given to a faculty member once a year.

Book/ Chapter Publication:

a. Book published by International Publishers – (John Wiley, Mc-Graw Hill etc.)	Rs. 25000/-
b. Book published by National Publishers - (S. Chand, Dhanpath Rai etc.)	Rs. 10000/-
c. Chapter published by International Publishers –	Rs. 5000/-
d. Chapter published by National Publishers –	Rs. 2000/-

Attending FDPs/ STTPs/ Workshops/ SDPs/ Industry Training etc.

Registration Fee, TA & DA as per college norms and OD may be given to attend training programs held in India twice per year per faculty member.

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