



Strategic Plan **(A.Y. 2014-15 to A.Y. 2018-19)**

In a technical institute, the faculty plays the pivotal role in the progress of the institute and overall development of the students. In order that the faculty keep themselves abreast of the State of the Art technology, it is important that they inculcate habit of innovation and research. The institute is keen to train the faculty to strengthen their research attitude. In order to challenge themselves at international level and thus contribute in the national growth, it is necessary that young minds are also trained to be innovators.

1. Collaboration to impart Skill Based Education :

In order to impart skill based education, the institute plans to collaborate with industries, universities abroad and research organizations. The plan is to;

- i. Each department to collaborate with industries in the respective areas for online projects, summer training, semester long internship, guest lectures, industry visits, laboratory development, consultancy, training to industry, participation of industry in teaching learning and assessment, curriculum design and development, etc.
- ii. To constitute an Industrial Advisory Board wherein industry experts regularly meet and deliberate upon matters related to improve Quality of Education in terms of industry aligned curriculum, as well as training, skill based teaching-learning, business ethics, engineering economics, etc.
- iii. To regularly arrange the industry meet and to deliberate on matters like increasing employability of the students, Make-In-India - challenges, how to prepare successful entrepreneurs, etc. Purpose is to understand industry requirement and the challenges and adopt the curriculum and teaching methodology to increase employability.





2. Improvement in Quality of Education :

In order to improve the quality of education, the institute is keen to understand the education system at international level and collaborate with them to strengthen its teaching learning process as well as research. The Institute thus plans to collaborate with international universities of repute for -

- i. Student Exchange, Faculty Exchange, collaborate research.
- ii. To start a global international program with international universities where students of VIT would be deputed to undergo skill based education, so that the student understand the international academic culture, social life and work with international students.
- iii. To establish the research centre like NSF and work on collaborative research with multi-national companies.
- iv. To introduce experiential teaching learning process and demonstrative teaching learning process to impart skill based education in the institute. The institute also plans to introduce skill based courses like Skill Development, Professional Development and Workshop, etc.
- v. To impart training to the faculty in pedagogy and relevant technical expertise for strengthening their teaching skills and abreast them of the latest developments.
- vi. To participate in national and international Rankings and surveys for international exposure and recognition. The institute will undergo various national and international accreditation processes such as NBA, NAAC, ABET, etc.





3. Entrepreneurship :

In order to train the students to become entrepreneurs, the institute plan to

- i. Establish development cell under which workshops, seminars and inspiring talks will be arranged.
- ii. The institute also plans to introduce an elective on Entrepreneurship.
- iii. The institute shall establish an Incubation Cell to provide facilities for budding entrepreneurs.

4. Strengthening Research Culture :

In order to strengthen the research culture, the institute has following plans :

- i. Establish Research Forum where faculty with research aptitude and attitude can give and exchange their research work, arrange inspirational speeches of reputed researchers, workshops for writing research proposals, etc.
- ii. To organize international conferences, workshops, STTPs on various themes, and depute faculty to attend various conferences, workshops, STTPs in India and abroad.
- iii. To include faculty research contributions in the annual appraisal scheme and to recognize and reward faculty contributions.
- iv. To provide Seed money for budding researchers to encourage Research culture.
- v. To establish Research Laboratory, in every Department in order to provide facilities for carrying out research work.





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- vi. To introduce an elective on research in Curriculum, to inculcate research aptitude and culture amongst students.
- vii. The Institute offers Mini Project and Major Project as a part of its Curriculum. Hence it is planned to organize Mini Project Competition 'Navonmesh' and Major Project Competition 'Prakalpa' every year to encourage and recognize students. Identified categories of Projects are –
 - a. Business Potential
 - b. Social Relevance
 - c. Innovative Projects
 - d. Quality of the project

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