



Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

The NISP Coordinator, Institution's innovation council (IIC),
Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College,
60, Avadi - VelTech Road, Avadi, Chennai – 600062.
Mobile: 9994041130

NATIONAL INNOVATION AND START UP POLICY

NISP - 2020

Guided by



**Minister of Education,
Government of India,
New Delhi.**

In Association with



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Prepared by



INSTITUTION'S INNOVATION COUNCIL

Vel Tech High Tech

Dr.RangarajanDr.Sakunthala Engineering College

An Autonomous Institution

Avadi, Chennai – 600062

2022

About the Institution

Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College was established in 2002 by Col. Prof. Vel. Dr. R. Rangarajan and Dr. Sakunthala Rangarajan who were dedicated to service for the past three decades. Our institution is approved by AICTE, New Delhi and an autonomous institution affiliated to Anna University, Chennai, Tamilnadu. The Institution is certified with ISO 9001:2008. Our college was awarded with A Grade & 3.27 CGPA by the National Assessment and Accreditation Council (NAAC) and four courses (Biotechnology, Chemical Engineering, ECE & IT) were accredited by National Board of Accreditation (NBA), New Delhi.

Our College has excellent infrastructure facilities which facilitate hands on experience for students and helps to acquire employability skills towards achieving dream jobs in top MNCs. Apart from imparting academic and technical knowledge through a dedicated team of well experienced faculty members, the aim of the Institution is to concentrate more on research and development in applied technologies with high social relevance. The institution also organizes Workshops, Conferences, and Faculty Development Programs at National and International levels. The institution offers nine B.E./B.Tech programs in CSE, IT, AI&DS, CSE (AIML), ECE, Chemical Engineering, Biotechnology, Mechanical Engineering and Civil Engineering. We also offer M.E. degree program in Structural Engineering, in addition to MBA. The college has consistently stood top among colleges affiliated to Anna University.

Vision

Pursuit of excellence in technical education to create civic responsibility with competency

Mission

- To impart the attributes of global engineers to face industrial challenges with social relevance
- To indoctrinate as front runners through moral practices
- To attain the skills through lifelong learning

CHAIRMAN'S MESSAGE



I am happy to know that the Institution's Innovation Council of our **Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College** has initiated the **National Innovation Start-up Policy (NISP-2020)** document which facilitates the promotion of innovation and entrepreneurship within the campus **as per the guidelines of Minister of Education, Government of India, New Delhi**. This would be an excellent opportunity for all the faculty members, students and research scholars of our institution to set-up and promote start-ups that are technology-based and also to nurture their growth by providing the platform needed for establishment as successful entrepreneurs. I congratulate the NISP team members in fostering successful entrepreneurs through this policy.

Col.Prof.Dr.Vel.Shri.R.Rangarajan
BE (Elec.), BE (Mech.), MS(Auto), DSc.,

VICE CHAIRMAN'S MESSAGE



I am pleased to learn that the **Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College's Institutional Innovation Council** has created the **National Innovation Start-up Policy (NISP-2020)** document, which supports the promotion of innovation and entrepreneurship on campuses in accordance with the directives of the **Minister of Education, Government of India, New Delhi**. This would be a fantastic chance for all of the faculty members, students, and research scholars at our institution to build and support technology-based enterprises, as well as to foster their growth by giving them the foundation they need in becoming successful entrepreneurs. I commend the entire NISP team for implementing this policy to support prosperous enterprises.

Dr.Sagunthala Rangarajan, MBBS.,

CHAIRPERSON & MANAGING TRUSTEE'S MESSAGE



The **National Innovation Start-up Policy (NISP-2020)** document, which facilitates the promotion of innovation and entrepreneurship within the campuses in accordance with the **guidelines of Minister of Education, Government of India, New Delhi**, is something that makes me happy to know that the Institution's Innovation Council of **our Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College** has prepared. All of the faculty members, students, and research scholars from our institutions would have a great opportunity to set up and support technology-based enterprises, and to foster their growth by giving them the foundation they need to become successful entrepreneurs. I cheer the entire NISP team for promoting prosperous enterprises with this strategy.

Mrs.Rangarajan Mahalakshmi Kishore,

BE., MBA(UK).,

VICE PRESIDENT'S MESSAGE



I am happy to learn that **the National Innovation Start-up Policy (NISP-2020)** document was created by **the Institutional Innovation Council of the Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College** in accordance with the **Minister of Education, Government of India, New Delhi**, and supports the promotion of innovation and entrepreneurship on campuses. All of the faculty members, students, and research scholars at our schools would have a tremendous opportunity to create and support technology-based businesses, as well as to promote their growth by providing them with the tools they need to succeed as entrepreneurs. I appreciate the entire NISP team in laying down this policy into place to support successful business.

Mr.K.V.D.Kishore Kumar,
BE., MBA(USA).,

PRINCIPAL'S MESSAGE



The **National Innovation Start-up Policy (NISP-2020)** document, which facilitates the promotion of innovation and entrepreneurship within campuses in accordance with the guidelines of the **Minister of Education, Government of India, New Delhi**, is something that makes me happy to know that our **Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College's Institution's Innovation Council** has prepared. All of our institutions' faculty members, students, and research scholars would be provided with a commendable opportunity in establishing and supporting technology-based businesses, as well as to foster their growth by equipping them with the foundation they need to become successful entrepreneurs. I applaud the entire NISP team for promoting prosperous businesses through this strategy.

Prof. Dr.E.Kamalanaban
BE (CSE).,ME(CSE)., PhD.,

About the Institution's Innovation Council

Ministry of Education (MoE) formally known as the government of India's Ministry of Human Resource Development (MHRD) has created the **"MHRD's Innovation Cell (MIC)"** to systematically promote the innovation culture among higher education institutions (HEIs). The main goal of MIC is to excite, motivate, and nurture young pupils by assisting them as they develop new ideas into prototypes throughout their formative years. In the process, VTHT has started Institutions Innovation Council (IIC) in August 2018 and formed a council comprising of internal faculty members and external experts to monitor the progress and activities of IIC on campus.

VISION:

To provide valuable knowledge and create most suitable destination for the students by fostering the innovation and entrepreneurship cell, converting their ideas in to commercial product for the society.

MISSION:

- To design the infrastructure of the institute towards innovation, start-ups and entrepreneurship opportunities for faculties and students.
- To encourage students, faculties and staff members to indulge themselves in innovation, start-up and entrepreneurial activities.
- To enhance the network of experts and mentors, business entrepreneurs, project funding supporters and enablers for profit of IIC.
- To provide mechanisms to start-ups, through training and skill development, access to knowledge and support services.
- To support facilities to start-ups, incubators and pre-incubators.

DEAN ACADEMICS MESSAGE



I am filled with pride and pleasure to know that our **National Innovation Start-up policy (NISP 2020)**, in conjunction with the guidelines of **the Minister of Education, Government of India, New Delhi**, promotes innovation and entrepreneurship on our campus. I am pleased to learn that the **Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College's Institutional Innovation Council** created the National Innovation Start-up Policy (NISP-2020) document. Faculty members, students, and research scholars at all of our institutions would have a fantastic opportunity to establish and support technology-based businesses, as well as foster their growth by providing them with the foundation they need to become successful entrepreneurs. I applaud the entire NISP team for promoting successful businesses with this strategy.

Dr.V.R.Ravi,
Dean Academics

CONVENOR'S MESSAGE



I am really proud and happy to know that our National Innovation Start-up policy, in conjunction with the directives of **the Ministry of Education, Government of India, New Delhi**, promotes innovation and entrepreneurship on our campus. I'm pleased to discover that **Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College's Institutional Innovation Council** produced **the National Innovation Start-up Policy (NISP-2020)** document. The establishment and support of technology-based firms, as well as the promotion of their growth by giving them the tools necessary to become successful entrepreneurs, would be excellent opportunities for the faculty members, students, and researchers of our institutions. I applaud the entire NISP team for using this technique to promote thriving enterprises.

Dr. M. Gopinath,
Associate Professor

Table of Contents

S. No.	Title of the Abstract	Page No.
1	Preamble	1
2	Committee Members	2
3	Vision & Mission	3
4	Strategies and Governance	4
5	Objectives of College Policy	4
6	Start-Up Enabling Institution Infrastructure	5
7	Nurturing Innovation and Start-Ups	5
8	Norms for Students Start-Ups	7
9	Norms for Faculty Start-Ups	8
10	Pedagogy And Learning Interventions For Entrepreneurship Development	8
11	Collaboration, Co-Creation, Business Relationships And Knowledge Exchange	9
12	Entrepreneurial Impact Assessment	10
13	References	11



VEL TECH HIGH TECH

Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

INSTITUTION'S INNOVATION COUNCIL (IIC)



NATIONAL INNOVATION AND START UP POLICY (NISP)

PREAMBLE:

The Innovation and Startup Policy for students and faculty members of Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, will enable the institute to actively engage students, faculty members and members of innovation and entrepreneurship related activities. Faculty members are continuously engaged in encouraging students to involve in getting new innovation of ideas as the young minds have the capability to do it. Students easily find ways to convert their innovative ideas in to project. In continuation with that, students can go out as an entrepreneur with their idea and make their parents and as well as their institution proud.

Faculty members and students are involved in a sizable portion of R&D activities in several disciplines of cutting-edge science and technology. Our institution helps students and faculty members inculcating R & D activities by converting them in consumer goods for the benefit of society. This structure will also make it easier to bring in stakeholders, engage them, provide support, and set performance goals, allowing the institute to build a strong startup and innovation ecosystem. The practices of fostering innovations and startups are stated in this document are under Startups Enabling Institutional Infrastructure.

The startup policy is aligned with IPR policy of Vel Tech High Tech Institution, which mentions all the issues related to IP and Product Ownership Rights for Technologies Developed at Institute Organizational Capacity, and IIC of Vel Tech Institution which accounts and organize all the efforts being done by the faculty members and students of the institute for promoting and nurturing innovation and entrepreneurship skills.

EXPERT COMMITTEE MEMBERS:

S. No	Name of the member	Position/Designation	Contact number
1	Dr. E. Kamalanaban	President Principal	9790839149
2	Dr. V. R. Ravi	Vice – President Dean Academics & Dean - SoEC	9600181628
3	Dr. B. Bharathiraja	Dean – R & D	9843557513
4	Dr. R. Suresh	Dean – Training and Placements Dean - SoMC	9600406671
5	Dr. A. Suresh Kumar	Dean – Industrial Relations Head - MBA	8124668834
6	Dr. D. Yuvaraj	Dean – SoBC	9944099550
7	Dr. M. Gopinath	Convener Associate Dean - IIC Member/Associate Professor – BT	9994041130
8	Dr. A. Saravanaraj	Deputy Dean – Project, Patent, Publication	9952653257
9	Dr. R. Gnanasekaran	Head - Biotechnology	8608803902
10	Dr. J. B. Veeramalini	Head – Chemical	9789657001
11	Dr. S. Durgadevi	Head – CSE	9445943542
12	Dr. N. Duraichi	Head – ECE	9884442608
13	Dr. M. Malleswari	Head – IT	9486990879
14	Dr. N. Gayathri	Head – Mechanical	7904153587
15	Mr. R. Karthikeyan	Head – AIDS	9884495925
16	Mr. Pradeep Katta	Head – EEE	9940227242
17	Mr. M. Manoj kumar	Start-up Coordinator Member/ Head – Civil	9600859335
18	Mrs. P. Brinda	Innovation Activity Coordinator Member/Assistant Professor – CSE	9751343646
19	Ms. R. Hanisha	NISP Activity Coordinator Member/Assistant Professor – BT	9944569483

20	Dr. K. Stella	ARIIA & NIRF Coordinator Member/Associate Professor – ECE	8778347906
21	Ms. R. Veerasundari	Social Media Coordinator Member/ Assistant Professor – AI & DS	9384690434
22	Ms. S. Sunitha	Internship Activity Coordinator Member/ Assistant Professor – Chemical	8637408554
23	Mr. A. Mohammed Ovaiz	NIRF Coordinator Member/ Assistant Professor – EEE	9842996167
24	Mr. V. Nagarajan	IPR Activity Coordinator Member/Assistant Professor – Mech	7502825520
25	Ms. T. Priya	Member/ Assistant Professor – Civil	7604892664
26	Ms. R. Suguna	Member/Associate Professor – EEE	9962959990
27	Mrs. M. Yaraswini	Member/Assistant Professor – IT	6300251069
28	Mr. M. Sairam	Member/Assistant Professor – MBA	9962171872
29	Mrs. S. B. Dhana lekshmi	Member/Assistant Professor – S & H	9585023765
30	Mr. Prashanth	External Member/CEO, Simbioen Pvt. Ltd, Chennai	8056292374
31	Mr. Sakthivel Thayappahn,	External Member/Director, Yali Mobility, IIT- Madras Incubator	6382191526

VISION:

To provide valuable knowledge and create most suitable destination for the students by fostering the innovation and entrepreneurship cell, converting their ideas in to commercial product for the society.

MISSION:

- To design the infrastructure of the institute towards innovation, start-ups and entrepreneurship opportunities for faculties and students.
- To encourage students, faculty members and staff to indulge themselves in innovation, start-up and entrepreneurial activities.
- To enhance the network of experts and mentors, business entrepreneurs, project funding supporters and enablers for the profit of IIC.

- To provide mechanisms to start-ups, through training and skill development, access to knowledge and support services.
- To support facilities to start-ups, incubators and pre-incubators.

STRATEGIES AND GOVERNANCE:

The institute has initiated the innovation and entrepreneurship cell along with placements activities for the betterment of the student's career. The main aim of the institute is to

- Aid in the creation of an entrepreneurial environment within the business, a dedicated Innovation and Entrepreneurship Council has been established with clearly defined objectives and corresponding performance metrics for the assessment.
- Provide the institutes policy and startup policy for all the students to promote their innovative ideas and convert them into an entrepreneur.
- The NISP Coordinator will be in charge of putting the entrepreneurial agenda into action, enlisting the cooperation of the higher-ups of Vel Tech High Tech institution to get the necessary commitment.
- Fund raising through gifts and sponsorships that involve the alumni network in order to promote innovation and entrepreneurship (I&E).
- The IIC's Entrepreneurship Center will put on institutional events including conferences, convocations, workshops, and more to raise awareness about the relevance of the entrepreneurial agenda throughout the institution.
- Research / activities in Startups where Microbial/ Animal/ subjects are involved, clearance from the respective ethics committee should be obtained.

OBJECTIVES OF COLLEGE POLICY

- To involve faculties and students in more entrepreneurial activities.
- Provide the required facilities for the students who are interested to pursue their career as an entrepreneur.
- To furnish infrastructure for Entrepreneurship Development and Innovation council in the Institute.
- The project done by students and faculties should be encouraged to commercialize them in the market.

START-UP ENABLING INSTITUTION INFRASTRUCTURE

The institution has already developed a separate innovation cell and knowledge data center for the students and faculties to promote their ideas and convert them in to a commercial product. The goal of the policy is to link Innovation to Enterprises the idea and make it financially successful.

- All HEIs are wished to create facilities such as pre incubation and incubation centers within their institution for supporting the innovation cell, start up cell, Student and Faculty clubs from both internal and external resources.
- The Incubation and pre-incubation facility should be available to all faculties and students 24*7.
- The pre-incubation facilities may or may not be registered separately, even though it is advised that the incubation unit be registered independently under Section 8 of the Company Act 2013 or as a society registered under the Society Registration Act with an independent governance structure.
- HEIs may help the students and faculties with mentoring, idea sharing, technical services and other relevant services through the installed pre-incubation/incubation unit by equivalent sharing which is framed till 8% or on zero payment basis.

NURTURING INNOVATION AND START-UPS

- HEIs are recommended to start the mechanisms and the process of nurturing the start-up / Incubation for in-house Students (UG, PG, Ph.D), Research Scholars, Faculties, Staffs, Alumni and other external applicants.
- HEIs will offer the incubation support (Incase the institute doesn't have the facilities on its own it may approach the nearest incubation center to facilitate their students ideas) to the applicant who wish to convert their idea in to a product or startups by the students or faculties for mutually acceptable time-frame.
- In order to avoid early financial difficulties, HEIs must permit licensing of IPR from the institute to start up for students and faculty members who seek to establish one on their own. This licensing should be in the form of equity in the enterprise, license fees, or royalties.
- HEIs may permit their faculty and students to work on creative initiatives and launch businesses in an incubator or to work part-time in the business to receive credit for their

business models. The institute needs to create distinct rules for both students and faculty in order to operate efficiently.

- Students who are enrolled in an incubator programme but also pursuing some entrepreneurial endeavours while enrolled in classes should be permitted to use the institute's address to register their business with the proper institutional approval.
- HEIs should establish a review committee to examine the start-up by students, and depending on the results, they might think about awarding the proper academic credits.
- The Institution must allow their students to take a break during the academics if it is necessary to complete their works on startups and may re-join later for their academics.
- The Institution should allow their faculties to take-off for a particular period may be a semester/ Year (based on the review committee members) as unpaid leave/casual leave/ earned leave to work on their startups. The seniority and other academic benefits for the faculties during such period can be preserved.
- HEIs should facilitate the use of their infrastructural facilities for the students, faculties and the applicants as per their need with time bound activities. During such period proper guidance and other requirements can be provided to the applicants
- Based on the brand used, faculty/student contribution/support given, and usage of institute's infrastructure, institute may take up to 2% to 9.5% equity (a limit of 9.5% is proposed so that institute has no legal obligation coming out of startups)/stake in the startup/company.
- Participation in startup-related activities should be viewed as a genuine faculty activity, along side teaching, research and development projects, industrial consulting, and management responsibilities, and should be taken into account when evaluating the faculty's annual performance.
- The institute should take precautions to make sure that it never becomes liable for any startup activity.

NORMS FOR STUDENTS START-UPS

- To guarantee introduction of most extreme understudies to development and pre hatching exercises at their early stage and to bolster the pathway from ideation to development to showcase, components ought to be conducted at institution level.
- Spreading mindfulness among the students, faculties and staffs approximately the esteem of entrepreneurship and its part in career advancement or employability ought to be a portion of the institutional entrepreneurial motivation.
- Students/ Faculties ought to be instructed that development (innovation, startups) is a mechanism to unravel the issues of the society and the customers. Business visionaries ought to innovate with center on the advertise specialty.
- Faculty members can encourage pupils to develop an entrepreneurial spirit through experiential learning by giving them cognitive skills training (design thinking, critical thinking, etc.) To attract youthful minds, invite local company owners and first-generation professionals. Regularly hosting events like idea and innovation contests, hackathons, workshops, boot camps, seminars, conferences, and exhibitions is important. Other activities worth organizing include mentoring by academic and business experts, taking on real-world challenges, and receiving awards and recognition.
- Institutes should connect their startups and companies with the broader entrepreneurial ecosystem. Support for students with basic potential. Connect students Entrepreneurs with true Entrepreneurs help students understand real challenges You'll likely run into them as you move down the innovation funnel, and the chances of you doing so are high success.
- Institutions are required to create an Institutional Innovation Council (IIC) in accordance with the recommendations of the MoE Innovation Cell and allot enough funding for its operations. IIC must provide institutions with guidance as they engage in a range of entrepreneurial, innovation, and startup-related activities. To uncover, investigate, acknowledge, support, and reward tested student ideas and innovations and to enhance students' entrepreneurial journeys, a concerted and focused effort must be made.
- The institute must create a ready-reference innovation toolkit that must be posted on the homepage of the institute's website in order to address the questions and concerns of innovators and list the resources that institute has to offer.

NORMS FOR FACULTY START-UPS

- ✓ The institutes should establish guidelines for faculty to conduct startups in order to improve the coordination of entrepreneurial operations. For faculty startups, only those technologies should be used that come from the same university.
- ✓ A faculty member's role might range from being a startup's owner or direct booster to a mentor consultant.
- ✓ Institutions should work on creating a "conflict of interest" policy to ensure that the faculty member's normal responsibilities are not jeopardized by his or her involvement in start-up operations.
- ✓ Faculty can have their own startup which may consist of only faculty members alone/ with students studying / with alumni's/ with other inter departmental faculty members/ with other entrepreneurs.
- ✓ Faculties must not receive any form of gifts from the startups.
- ✓ The faculty may be given a maximum leave of one semester or one year in the event that a faculty startup is chosen by a national or worldwide accelerator from the outside.
- ✓ Proper ethical clearance is required for human subject research related startups.

PEDAGOGY AND LEARNING INTERVENTIONS FOR ENTREPRENEURSHIP DEVELOPMENT

- ✓ Instead of using the standard lecture-based delivery method, a more varied strategy should be used to create the desired learning outcomes. This approach should include cross-disciplinary learning via mentors, labs, case studies, games, etc.
- ✓ Institutes should launch an annual "INNOVATION & ENTREPRENEURSHIP AWARD" to honour exceptional concepts, flourishing businesses, and individuals who have contributed to fostering the innovation and enterprise ecosystem inside the institute.
- ✓ Courses on innovation, entrepreneurship, and venture development should be offered as electives, short-term courses, or long-term courses to students at the curricular, co-curricular, and extracurricular levels. All pupils should have access to validated learning outcomes.
- ✓ Help with a variety of things, including technology development, idea generation, creativity, design thinking, fund raising, financial management, cash flow management, new venture planning, business development, product development, social

entrepreneurship, product costing, marketing, brand development, and human resource management, as well as law and regulations that have an impact on a business.

- ✓ To ensure that the majority of student projects and ideas are focused around real-world challenges, pedagogical changes must be made. It is important to continually examine and update the learning interventions created by the institutes to foster an entrepreneurial culture.

COLLABORATION, CO-CREATION, BUSINESS RELATIONSHIPS AND KNOWLEDGE EXCHANGE

- Stakeholder engagement ought to be given prime significance within the entrepreneurial plan of the established.
- Organizing ought to discover potential accomplices, asset organizations, smaller scale, little and medium sized endeavors (MSMEs), social endeavors, schools, graduated class, proficient bodies and business people to bolster business and co-design the programs
- Bidirectional flow/exchange of people and knowledge between institutions, such as incubators, scientific parks, etc., should be secured in order to promote co-creation.
- The institute should host networking events to encourage collaboration and should give staff, teachers, and students the chance to share ideas and information through meetings, workshops, collaborative workspaces, lectures, etc.
- Mechanism ought to be created by the organization to capitalize on the information gained through these collaborations.
- It's important to watch out those events that don't turn into a final destination. Making successful companies should be the incubator's primary goal.
- The institute has to establish rules and regulations for interacting with and managing private industries and other external stakeholders.
- Knowledge sharing through partnership and association should be incorporated into institutional policy, and institutes are required to offer assistance and direction for establishing, directing, and organizing these partnerships.
- Faculty, staff, and students at the institutes should be given the chance to interact with the outside world through formal and informal channels including internships, teaching and research exchange programmes, clubs, social events, etc.

- Connect the organization with the outside environment must be utilized in frame of retaining data and encounter from the outside environment into the institute's environment.
- To guarantee information availability, the institute has to establish a Single Point of Contact (SPOC) method for students, professors, collaborators, partners, and other stakeholders.
- Institutions should develop mechanisms to ensure the fullest possible use of entrepreneurial prospects with assistance from business and industrial partners.
 - Using internal Information & Communication Technology (ICT) resources, the institute should establish an innovation knowledge platform to manage knowledge.

ENTREPRENEURIAL IMPACT ASSESSMENT

- ✓ Using clearly defined evaluation parameters, the impact assessment of the Institute's innovation activities, entrepreneurial activities, and initiatives, such as pre-incubation and incubation cell, should be checked on a regular basis.
- ✓ Continuous observation and assessment of knowledge exchange initiatives. It is important to gauge how all faculties and departments are participating in the entrepreneurial teaching and learning.
- ✓ The number of start-ups generated, the institutional level support system offered, participant satisfaction, and new business ties formed by the institutions should all be tracked and used for effect assessment.
- ✓ Formulation of technique and impact evaluation ought to go hand in hand. The data on impact of the exercises ought to be effectively utilized whereas creating and looking into the entrepreneurial technique.
- ✓ Impact evaluation for measuring the victory ought to be in terms of feasible social, budgetary and mechanical affect within the advertise.
- ✓ For developments at pre commercial arrange, improvement of economical endeavor show is basic. COMMERCIAL victory is the only measure in long run.

References

1. Guideline for Implementation of Tamil Nadu Startup & Innovation Policy (2018-2023), Entrepreneurship Development and Innovation Institute (An Autonomous Body of the Government of Tamil Nadu), SIDCO Industrial Estate <https://www.editn.in/app/webroot/img/Policies/Tamil%20Nadu%20Startup%20%26%20Innovation%20Policy%20%282018-2023%29.pdf>, 2018
2. Guideline for Implementation of SSIP for Institutions/Colleges; Student Startup and Innovation Policy (SSIP) 2017, Directorate of Technical Education, Government of Gujarat, October 2017
3. Guideline for Developing Student Innovation & Startup Ecosystem in University/Engineering Campuses, TEQIP-III, Ministry of Human Resource Development
4. A Guiding Framework for Entrepreneurial Universities, OECD, European Commission, 18th December, 2012
5. For Faculty: Best Practices for Startups, Stanford University, <https://otl.stanford.edu/industry/stanfordstartups/faculty-best-practices-startups>, visited on 5th September, 2019
6. Faculty Entrepreneurship Policy, DA-IICT, 30th September, 2015
7. For Students: Best Practices for Startups, Stanford University, <https://otl.stanford.edu/industry/stanfordstartups/students-best-practices-startups>, visited on 5th September, 2019
8. Startup Policy AICTE- 2016, All India Council of Technical Education, November 2016
9. Student Startup Policy 2015, Kerala Technological University, Kerala



Vel Tech High Tech
Dr. Rangarajan Dr. Sakunthala Engineering College



Courses offered

Under graduate programs

B. E – Computer Science and Engineering
B. E – Computer Science and Engineering (AIML)
B. E – Civil Engineering
B. E – Electronics and Communication Engineering
B. E – Mechanical Engineering
B. Tech – Biotechnology
B. Tech – Chemical Engineering
B. Tech – Information Technology
B. Tech – Artificial Intelligence and Data Science

Post graduate programs

M. E – Structural Engineering
Master of Business Administration

With best compliments

Vel Tech Group of Institutions

