

**A.V.C. College of Engineering**  
**NISP (National Innovation and Start-up Policy) for students and**  
**Faculties**

(AISHE Code: C-24992)



**MHRD**



**MHRD'S  
INNOVATION CELL  
GOVERNMENT OF INDIA**



**National INNOVATION and STARTUP  
Policy 2019 for Students and Faculty**  
A Guiding Framework for Higher Education Institutions



**Institute Innovation & Entrepreneurship**  
**Policy**  
**2020-2025**

**FOR**

**STUDENTS, ALUMNI, FACULTY AND STAFF  
MEMBERS**

**OF  
AVCCE**

**Faculty Incharge :Dr.A.Balaji, Associate Professor-MECH**

**&**

**Mrs.R.Renukadevi,Asst.Prof-MBA**

**11.08.2020**

**1. Introduction:** Innovation and Entrepreneurship Policy of A.V.C.College of Engineering is formulated to actively engage students, faculty and staff in innovation and start up related activities. This will guide the institution on the mechanisms of hand holding the students and faculty members for supporting their initiatives for innovations & Start-ups with the aim that Innovation and Entrepreneurship emerge as one of the focal point of our education related activities.

a. In addition, Institution Innovation cell(IIC), Entrepreneurship Development cell and IPR cell are functioning in AVCCE with a vision to promote the wheel of excellence in Innovation, Incubation, IPR, start-ups and entrepreneurship to uplift the institution towards eminence of excellence in technical education.

b. The policy is formulated based on National Innovation & Start-up Policy 2019 for Students & Faculty to enrich Entrepreneurship.

**2. Strategies:** Entrepreneurship promotion and development is one of the major Objectives of AVCCE. Faculty & Students are encouraged to come out with innovative ideas that would enable entrepreneurship and start-ups.

a. Research and Innovation are inseparable. Faculty who are carrying out Research activities, especially proof of concept or product oriented and students doing internships are encouraged.

b. Product to market strategy for start-ups encouraged by organising College bazar to provide platform to showcase their entrepreneurial ideas.

c. Importance of innovation and entrepreneurial agenda should be known across the institute and should be promoted and highlighted at institutional programs such as conferences, lectures, workshops etc.

d. Development of entrepreneurship culture should not be limited within the boundaries of the institution. The institution should be the driving force in developing entrepreneurship culture in its vicinity (regional, social and community level). Faculty may provide the required technical guidance for these start-ups.

### **3. Resource Mobilization:**

a. Investment in the entrepreneurial activities should be a part of the institutional financial strategy. Minimum 1% fund of the total annual budget of the Institution should be allocated for funding and supporting innovation and startup related activities.

b. The strategy should also involve raising funds from diverse sources to reduce dependency on the institute alone.

c. Bringing in external funding through government (state and central) such as DST, DBT, MHRD, AICTE, TDB, TIFAC, DSIR, CSIR, BIRAC, NSTEDB, NRDC, ICMR, ICSSR, AYUSH, Start-up India, Invest India, MeitY, MSDE, MSME, etc. and non-government sources are encouraged.



d. Institutes should actively engage and involve alumni network for promoting Innovation & Entrepreneurship (I&E) in the institution.

#### **4. Nurturing Innovations and Start-ups:**

- a. The institute will establish processes and mechanisms for easy creation and nurturing of Start-ups/enterprises by students (UG & PG), staff, faculty, alumni.
- b. Institute may allow their students / staff to work on their innovative projects and setting up start-ups (including Social Start-ups) while studying /working.
- c. Student inventors may also be allowed to opt for start-up in place of their mini project/ major project, seminars, summer trainings.
- d. Institute will facilitate the start-up activities/ technology development by allowing students/faculty/staff/alumni/nearby outsiders to use institute infrastructure and facilities. In return of the services and facilities, Institute may take consultancy fees (as decided by IIC and Head of the Institution). The Institution shall consider taking equity share from the start-up limited to 20% of total share of faculty/staff or 9.5% of total stake whichever is minimum.

#### **5. Modifications in Academic/Examination regulations & HR Policies:**

- a. Student's entrepreneurs will be allowed to sit for the examinations, even if their attendance is less than the minimum permissible percentage, wherever permitted by corresponding statutory authorities, with due prior permission from the institute/university.
- b. May allow faculty and staff to take off for a semester/year (or even more) depending upon the decision of review committee constituted by the institute as paid leave up to one month/sabbatical/unpaid leave/ casual leave/ earned leave for working on startups and come back, wherever applicable. Institution should consider allowing use of its resource to faculty/students/staff wishing to establish start up as a fulltime effort. The seniority and other academic benefits during such period may be preserved for such staff or faculty.
- c. Product development and commercialization, Participation in startup related activities needs to be considered as a legitimate activity of faculty in addition to teaching, R&D projects, industrial consultancy and management duties and must be considered while evaluating the annual performance of the faculty. Every faculty may be encouraged to mentor at least one startup.

#### **6. Product Ownership Rights for Technologies Developed at Institute:**

- If fund and (or) resource of HEI used substantially, then IPR should be made jointly by Institute and inventor and license together and revenue sharing among the parties.
- If any one of inventor want to start a startup based on the technology developed as above, then it can be licensed to inventor with royalty would be no more than 4% of sales price, preferably 1-2%, unless it is pure software product.
- If it is in form of shares, then it will again be between 1-4%. In case software share divide is based on mutually decided between the institute/incubation unit and incubate company



**7. Conflict of interest:** If there is any dispute in ownership, inventors (Faculty, students, staff, if any) and incubated start-up, a minimum five membered committee consisting of two faculty members (having developed sufficient IPR and translated to commercialisation), two of the institute's alumni/ industry experts (having experience in technology commercialisation) and one legal advisor with experience in IPR, will examine the issue after meeting the inventors and help them to settle the problem, hopefully to everybody's satisfaction.

**8. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level:**

NISP-AVCCE framed the following Vision and Mission for defining its processes and achieve following:

**Vision:**

- Pursuit of increase in self-employment rate to create civic responsibility with establishing start-ups.

**Mission:**

- To impart the attributes of existing entrepreneurs to face industrial challenges through guest lectures and workshops etc.,
- To indoctrinate as front runners through their start-ups.
- To attain the entrepreneurial skills through lifelong learning.

**Goal (Long term objectives)/Impact:**

- To provide awareness to our students, graduates and faculties with the capacity to think and behave entrepreneurially within all kinds of environments.
- To Develop and guide the potential start-ups and reach out the same through substantial mentors & Alumni.
- To Collaborate and Network with various Entrepreneurship Groups for generating entrepreneurial competences and skills.
- To Support business start-ups; commercialize research results through technology transfers; and strengthen co-operation between the institution and local firms.

**Short term Objectives:**

- To Plan entrepreneurial awareness activities on a monthly/quarterly basis to create awareness about innovations and start-ups.
- To conduct entrepreneurial alumni meet & Industry personnel's meet to create a platform to discuss the start-up ideas on a quarterly basis.
- To Collaborate the industries - increase the MoU's for doing projects, courses and conduct Business plan competitions to increase entrepreneurial competences and skills.

- To organize college bazars and Smart India Hackathon- proposal presentations in semi-annual basis for boosting their business ideas through commercialisation in turn benefiting to the society and the country.

## 9.GOVERNANCE STRUCTURE:

### NISP:Members

Dr.A.Balaji, Associate Professor-MECH-  
NISP coordinator

Mrs.R.Renukadevi, Asst.Prof-MBA-NISP  
coordinator

Mr. S. Sabari Nathan, Asst Prof-MECH

Mrs.V.Padmavathi, Asst Prof-IT

Mr. A. P. Prabakaran, Asst Prof-ECE

Dr.A. Ragavendiran, Asst Prof-EEE

Mr. R. Gopikrishnan, Asst Prof-ICE

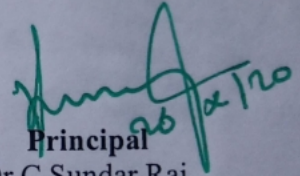
Mr.S.Rameshwaran, Asst Prof-CIVIL

Mrs. Sudha, Asst Prof-CSE

Mr.N.Srinivasan, Asst Prof-MCA

Dr.K.Keerthi, Asst Prof-MBA

Mrs. G.Geethalakshmi, Asst Prof-S&H



Principal  
Dr.C.Sundar Raj

**PRINCIPAL,**  
**A.V.C. College of Engineering,**  
**Mayiladuthurai,**  
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